



Denbury Green Pipeline – Montana LLC • Denbury Onshore LLC  
Denbury Green Pipeline - North Dakota LLC • Greencore Pipeline Company LLC



# CO2 PIPELINE SAFETY INFORMATION

For Living and Working Near Pipelines

**EMERGENCY CONTACT NUMBER:**  
**1-888-651-7647**

You are receiving this safety information brochure because you may live, work or gather near where Denbury pipeline or underground facilities exist. We encourage you to increase your awareness of Denbury pipeline locations and operations by becoming familiar with the content in this brochure.

For additional information about Denbury pipelines, pipeline related facilities, or the integrity management program, please visit [www.denbury.com](http://www.denbury.com) or email us at [aware@denbury.com](mailto:aware@denbury.com) or write us at:

Denbury  
5851 Legacy Circle, Suite 1200  
Plano, Texas 75024

## Pipeline Purpose and Reliability

The United States has the largest pipeline network in the world and pipelines deliver the raw materials that are processed into fuel that powers our lives. According to pipeline data related to personal injuries that is collected by the U.S. Department of Transportation, pipelines are one of the safest and most cost-effective ways to transport these products. Pipeline operators are subject to many Federal and State regulations, as well as, industry standards. These regulations and standards deal with all phases of pipeline operations.



## Preventing Pipeline Damage

Records show that damage from excavation-related activities, particularly from equipment digging into pipelines, is the number one cause of pipeline damages and emergencies. Without proper coordination and expertise, excavation activities in the vicinity of underground pipelines can result in very dangerous situations. The negative impacts associated with pipeline damages and emergencies can include harm to - personal health, the environment, interruption of service, costly repairs, and fines related to damaging a pipeline. Even if you are a homeowner or property owner who only occasionally digs on your property, we need your help in preventing pipeline damages and emergencies.

## Pipeline Safety and Awareness

Denbury takes many preventive measures to promote safe, reliable operations of our pipelines and related facilities, including:

- 24-hour monitoring of transmission pipeline operations
- Regular inspection and maintenance of our pipelines
- Aerial and ground surveillance
- The integrity management program

In addition, Denbury works closely with emergency officials in the communities through which our pipeline passes, to provide them with current and up-to-date information on emergency response procedures. This includes Public Awareness and Damage Prevention group meetings, training drills and other liaison activities to ensure open lines of communication. Please call us or your local law enforcement agency to report any unusual or suspicious activity in our right-of-way (ROW) or any unauthorized entry into our facilities.

## Pipeline Damage Prevention *CALL 811 BEFORE YOU DIG!*

State law requires you to notify **811 BEFORE YOU DIG**. This is a **FREE** service to you. For general 811 notification information, visit [www.call811.com](http://www.call811.com).

### Steps you must take:

1. Call 811; the One-Call operator will want to know where your activity will occur and what type of activity you will be doing.
2. Wait until all buried utilities and pipelines are marked with paint and/or flags.
3. Dig and Excavate Safely. Any excavation outside the initially planned area will require a separate notification to 811.
4. Contact Denbury with any questions or concerns.



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

Visit [www.call811.com/811-In-Your-State](http://www.call811.com/811-In-Your-State) and select your state to see state specific One-Call rules.

## Look for a Pipeline Right-of-Way (ROW)

Pipelines are buried and located in a right-of-way (ROW) easement. ROW easements are clear of any structures and/or trees and allow pipeline operators to access the pipeline for maintenance, ground and aerial inspections, and testing.

## Right-of-Way Encroachment Prevention

Pipeline ROW must be kept free from structures and other obstructions to provide access to the pipeline for maintenance and in the event of an emergency. If a pipeline crosses your property, trees or deep-rooted shrubs should not be planted on the ROW. Please help us to prevent digging, building, storing or placing anything on or near the ROW without first calling 811 and having the pipeline marked.

## How Do You Know Where a Pipeline is Located?

Pipeline markers are placed above ground along the pipeline right-of-way and at above ground pipeline facilities, street crossings, and railroad crossings to indicate that a pipeline is present at the approximate location of the sign. These markers include the pipeline operator name, emergency number, and the product being transported. Do not try to guess the route or location of the pipeline from where the markers are placed, because pipeline markers do not indicate the depth and exact location of a pipeline. Calling 811 will require appropriate operators to properly locate their utility or pipeline.

An informational tool available for your community to help understand pipelines and pipeline locations is the National Pipeline Mapping System (NPMS). Basic information can be accessed including operator name, pipeline diameter, commodities transported, and pipeline location. NPMS can be accessed at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov).



## What to Do if You are Digging and Disturb a Pipeline

If the pipeline is exposed for any reason, notify us immediately by calling the emergency number on the pipeline marker nearest you or in the back of this booklet. A gouge, scrape, dent or crease to the pipeline or coating may cause a significant break or leak in the future. It is imperative that we inspect and repair any damage to the pipeline.

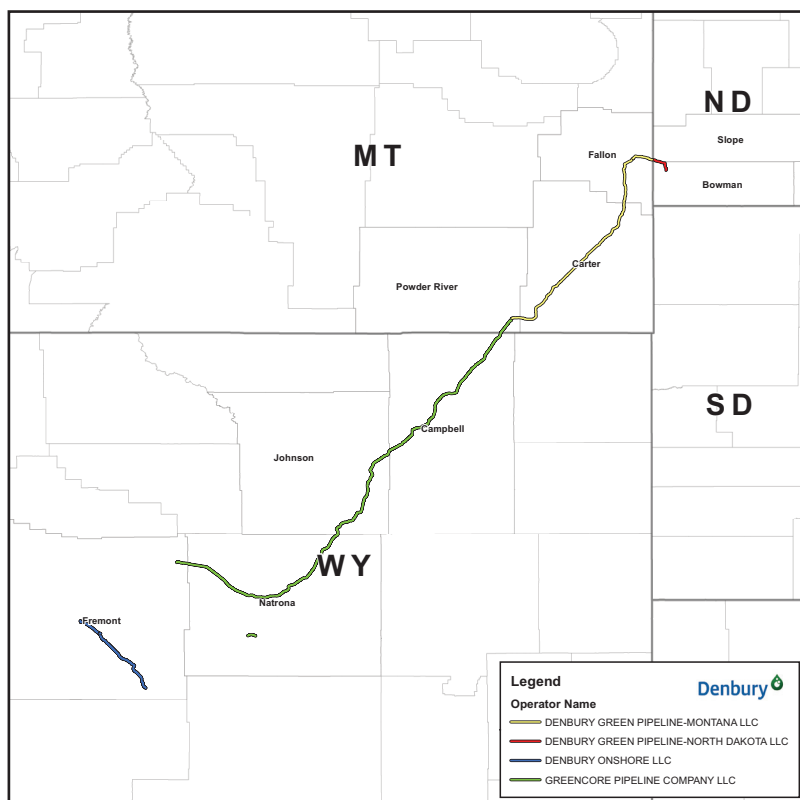
# PIPELINE SAFETY INFORMATION

## Product Characteristics

PRODUCT	LEAK TYPE	VAPORS	HEALTH HAZARDS	FIRE HAZARDS
CO <sub>2</sub> (Carbon Dioxide)	Gas	Heavier than air and can collect in low areas.	Avoid direct contact with product. Can cause frostbite. Vapors are nontoxic but can serve as an asphyxiant.	Non-flammable Gas

## Release Characteristics of CO<sub>2</sub>

Denbury operates carbon dioxide (CO<sub>2</sub>) pipelines. This CO<sub>2</sub> is used for enhanced oil recovery (“EOR”) and other commercial and industrial purposes. The map on this page shows the general route and location of the pipeline systems. CO<sub>2</sub> is a colorless, odorless gas in its purest form. If a release outside the pipeline were to occur, it would be as a gas and may have a rotten egg smell or a slightly musty odor. In the pipeline, the CO<sub>2</sub> travels in the form of a liquid and is nonflammable. A refrigeration effect would occur with a release producing a vapor cloud (similar to a white smoke cloud) and could be easily dispersed by the wind. Touching the pipeline or the escaping CO<sub>2</sub> near the area of the leak could cause frostbite. In its gas form, it would seek low-lying areas such as valleys and ditches. CO<sub>2</sub> is non-flammable and non-toxic, however, in large quantities, can lead to difficulty in breathing and will affect the ability of internal combustion engines to operate.





## How to Recognize a Pipeline Leak

In the unlikely event of a pipeline leak, typically, one or any combination of these will allow you to recognize a leak:

**Sight:** Presence of a dense white cloud, fog or ice near the pipeline, blowing dirt, dead vegetation or water bubbling in a pond or creek.

**Sound:** Listen for a hissing, blowing or roaring sound and/or unusual blowing of dirt or dust into the air.

**Smell:** CO<sub>2</sub> is often odorless in a transmission line, but may have a rotten egg smell or a slightly musty odor.

Safety of the public, environment, and company personnel is our highest priority. In the unlikely event of an incident, Denbury will immediately dispatch personnel to the site to control the situation and coordinate with emergency response agencies. We will also take necessary operating actions to minimize the impact of the event.

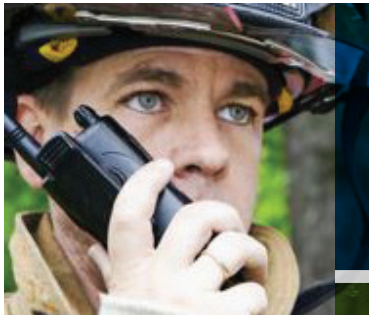
### In the Event of a Suspected Leak

- **If possible, leave the area immediately** in an upwind direction.
- **If you are unable to evacuate the area, stay indoors**, close all doors and windows, and turn off your HVAC system.
- **If stranded or vehicle will not start, abandon any equipment or motorized vehicles** and leave the area immediately.
- **Warn others to stay away from the area.**
- **From a safe location, call 911** and then call Denbury's emergency number at **1-888-651-7647**.
- **DO NOT** attempt to operate pipeline valves.

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### Additional Information

- For information about excavation practices near pipelines, visit: [www.commongroundalliance.com](http://www.commongroundalliance.com)
- For more information about pipeline assets in your community, visit our website at [www.denbury.com](http://www.denbury.com)
- For an overview of Denbury's Integrity Management Program, please contact Denbury at [aware@denbury.com](mailto:aware@denbury.com)
- For information concerning your county's Public Emergency Notification System, visit our website at [www.denbury.com/sustainability/public-awareness/](http://www.denbury.com/sustainability/public-awareness/)



# Important Information for EMERGENCY OFFICIALS AND RESPONDERS

## Keeping Your Community Safe

As an Emergency Responder, we understand that in an emergency, protecting the public is your number one priority. We are committed to providing you with proper training and information needed to respond in the event of a pipeline emergency.

## Emergency Response Preparedness Tools and Important Information:

There are many tools available for Emergency Responders to be prepared and understand pipeline and underground utility incident risks. In addition, having coordinated and prepared emergency response plans with pipeline operators creates a more effective response. Please contact Denbury for more information concerning Denbury's Emergency Response Plan at [aware@denbury.com](mailto:aware@denbury.com).

## Pipeline Emergency Training

- Access information about pipeline emergencies at [www.pipelineemergencies.com](http://www.pipelineemergencies.com).
- Access information about the ERG at <https://www.phmsa.dot.gov/hazmat/erg/emergency-response-guidebook-erg>
- This training is produced by PHMSA and the National Association of State Fire Marshals and provides an overview of pipeline operations to meet the needs of emergency responders.
- Denbury conducts emergency response training and drills with local emergency responders. Please contact Denbury at [aware@denbury.com](mailto:aware@denbury.com) for more information.

## How You Should Respond to and Report a Pipeline Emergency

The following guidelines are designed to ensure your safety and the safety of those in the area if a pipeline leak is suspected or detected.

- **Secure the area around the leak.** (This could include evacuating people from homes, businesses, schools and other locations, sheltering in place, erecting barricades, controlling access to the emergency site and other similar precautions)
- **Consider shelter in place or evacuation as appropriate**
- Contact Denbury as soon as possible at **1-888-651-7647**
- Establish an Incident Command Post
- **DO NOT** operate any pipeline valves or equipment

## How We Respond to an Emergency

If a pipeline incident is suspected, personnel will immediately be routed to the scene to assess the situation and to minimize the impact of an incident. Our personnel will respond in order to isolate, implement response measures, shut down, or start up any pipeline system facilities and to communicate with local emergency response and public officials.

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## Important Information for Public and Elected Officials

There are many tools available for Public Officials and their communities to help mitigate and understand pipeline risks. Please feel free to contact us for more specific information.



# Important Information for PUBLIC AND ELECTED OFFICIALS



## Planning for Your Community

You can also use the National Pipeline Mapping System (NPMS) to find the general location of pipelines as well as contact information for pipeline operators in your area. This information can be located online at [www.npms.phmsa.dot.gov](http://www.npms.phmsa.dot.gov). Please note that this information should never be used instead of placing a One-Call to 811. The One-Call procedure must always be used before any digging project.

## Pipelines and Informed Planning Alliance (PIPA)

The Pipelines and Informed Planning Alliance (PIPA) is a department of PHMSA and has the goal of reducing risks and improving the safety of affected communities and pipeline operation through a set of recommended practices related to land use.

- These recommended practices can be accessed at <http://primis.phmsa.dot.gov/comm/pipa/LandUsePlanning.htm>

## High Consequence Areas

Pipeline operators use enhanced protection and procedures in High Consequence Areas (HCAs). HCAs can be drinking water areas, commercially navigable waterways, highly populated areas, an outside area or open structure, or a facility occupied by persons who are confined, are of impaired mobility, or would be difficult to evacuate. Within HCAs are locations that can include beaches, playgrounds, recreational facilities, camping grounds, outdoor theaters, stadiums, recreational areas near a body of water, religious facilities, office buildings, community centers, general stores, 4-H facilities, roller skating rinks, hospitals, prisons, schools, day-care facilities, retirement facilities or assisted-living facilities. If you know of any of these locations in your jurisdiction, please contact us.

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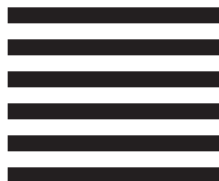
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**Denbury has a commitment to safeguard people and the environment.  
Please take this short survey from the information provided.**

1. Do you understand the purpose of the national One-Call number 811? ☐ Yes ☐ No
2. Within the past 12 months, have you heard any information from a pipeline company relating to pipeline safety? ☐ Yes ☐ No
3. Has the information in this brochure helped you recognize and respond to a pipeline leak? ☐ Yes ☐ No
4. Please tell us how you would know if there is a pipeline near you. **(Mark all that apply)**  
☐ Pipeline Marker/Sign ☐ Received Mailing ☐ Line runs through property
5. Which of the following actions would you likely take if you planned on digging? **(Mark all that apply)**  
☐ Call 811 ☐ Call the One-Call Center ☐ Call the pipeline company ☐ Don't Know
6. From the information in this brochure, which of the following is the safest way of transporting CO<sub>2</sub>? **(Mark one)** ☐ Tanker Truck ☐ Rail Car ☐ Pipeline ☐ Barge
7. Based on the information in this brochure, what would you do in the event of a pipeline leak? **(Mark all that apply)**  
☐ Call 911 ☐ Call Pipeline Company ☐ Flee the Area ☐ Nothing