



Pipeline Safety Department
 Phone: 575-810-6025
Environmental Department
 575-810-6021
Pipeline Operations
 Phone: 575-810-6136
 Website: www.lucid-energy.com

PUBLIC AWARENESS

Targa Northern Delaware, LLC (Targa) is a midstream natural gas pipeline operator based in Houston, Texas. Our operating area includes Texas and New Mexico. The majority of these pipelines are operated for natural gas gathering purposes. In addition, our company operates several intrastate natural gas and natural gas liquid pipelines. Targa would like to take this opportunity to make you more aware of our pipelines and the products we transport. Please take time to read this informational guide, if you have any questions please contact our Pipeline Safety Department at 575-810-6025 - your comments and input are very important to our operations!

RELIABILITY

Targa is dedicated to operating safe pipelines and employ several measures to help ensure pipeline integrity. Pipeline pressures are continually monitored. Abnormally high or low pressures are alarmed through our Supervisory Control And Data Acquisition (SCADA) system to trained operators who analyze the data and take appropriate action based on the information received. In addition, trained operations and maintenance personnel regularly inspect the right-of-way for leaks and encroachment activities which may negatively affect our pipelines. External and internal corrosion are monitored to help ensure the integrity of our pipelines. We also make use of cleaning devices called "pigs" to help maintain our lines internally. For increased public safety, we have installed pipeline markers which show the approximate location of our buried pipelines. These markers are installed at public road and rail crossings, and along the entire length of our pipelines. The markers identify the product we transfer, one-call information, and the 24-hour number to call in the event of an emergency.

PROPERTIES OF NATURAL GAS LIQUIDS

Natural Gas Liquids (NGL's) are classified as a hazardous liquid and are considered a highly volatile liquid (HVL). The product is kept in the liquid state under high pressure and would become vapor if vented to the atmosphere. The vapor is heavier than air and would tend to lie close to the ground and accumulate in low places should the pipeline leak. If the pipeline becomes damaged and product escapes, you should be aware that:

- In both the liquid and gaseous states, pure NGL is colorless and odorless although a white vapor cloud may be associated with NGL in the gaseous state. An odorant must be added to NGL for it to smell.
- The product will burn when mixed with very low concentrations of oxygen and if an ignition source is present.
- Physical contact with the product can result in freezing or frostbite.
- Inhaling the vapor can cause symptoms of oxygen deficiency such as rapid respiration, loss of coordination, poor judgment, nausea, and loss of consciousness.

PROPERTIES OF NATURAL GAS

Raw natural gas generally contains a large amount of methane along with heavier hydrocarbons such as: ethane, propane, normal butane, and natural gasolines. It often contains non-hydrocarbons such as nitrogen, carbon dioxide, and water. Natural gas is lighter than air, highly flammable and could form an explosive atmosphere. It is an asphyxiant. It is not toxic although some of its constituents could be highly toxic.

WARNING: These pipelines may contain dangerous amount of Hydrogen Sulfide Gas (H2S). Exposure to H2S can cause a wide range of dangerous health effects. Exposure at high concentrations can lead to death.

EMERGENCY CONTACT:

1-575-748-4555

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Natural Gas	1971	115
Natural Gas Liquids	1972	115
Hydrocarbon Liquids	1075	115
Hydrogen Sulfide	1053	117

TEXAS

COUNTIES OF OPERATION:

Culberson Winkler

NEW MEXICO

COUNTIES OF OPERATION:

Eddy Lea

Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

RECOGNIZING A LEAK

- **By sight:** A vapor cloud over a gas pipeline, dirt blowing up from the ground, discolored ground or vegetation near a pipeline, bubbles coming up from standing water near a pipeline may be signs of a gas leak.
- **By sound:** An unusual noise, like a hissing or roaring sound coming from the pipeline might be a sign of a leak.
- **By smell:** An unusual smell may accompany a pipeline leak. Our product is not intentionally odorized and may or may not have smell associated with a pipeline leak.

RECOGNIZING A PIPELINE EMERGENCY

- Natural gas or NGL vapors detected inside or near your home.
- Fire located near or directly involving our pipeline facility.
- Any indication of a natural gas leak such as blowing gas, vapor clouds, or bubbles escaping from standing water near a pipeline right-of-way.

WHAT TO DO IF YOU SUSPECT A LEAK OR OTHER PROBLEM ON THE PIPELINE

- Leave the area immediately, heading upwind. Do not drive into a leak or vapor cloud area.
- Do not touch, breathe or make contact with leaking liquids or gases.
- Do not light a match, start an engine, use a telephone, operate light switches or do anything that might create a spark.
- Do not attempt to stop the leak by operating pipeline equipment.
- From a safe location call 911 followed by a call to 575-748-4555. Call collect if needed and give your name, telephone number, a description of the problem and its approximate location. Warn others if necessary.

ONE CALL SYSTEM

New Mexico & Texas Excavation Law requires every person who plans or engages in excavation (the movement or removal of earth using mechanical excavating equipment or blasting and includes auguring, backfilling, digging, ditching, drilling, grading, plowing in, pulling in, ripping, scraping, trenching, tunneling and directional boring) to provide telephonic advance notice two working days prior to the excavation – to the one-call-notification system. Call 811 before you dig! It's Free, It's Easy, and it's the Law.



- Targa personnel must be present to monitor all excavation work performed on or around our pipeline facilities. Personnel shall remain until the work is completed.
- A gouge, scrape, dent or crease to the pipe or pipe coating may cause a future rupture or leak! Any damage even if it appears to be minor, must immediately be reported to our company personnel.

PIPELINE MARKERS

Markers are placed as close as practical over each buried pipeline and identify the product being transported. Each marker will identify the pipeline as an asset of Targa. Markers also include the telephone number where we can be reached at all times.

Our markers remind the public to always contact 811 before they dig. Pipeline markers do not provide the depth or exact location of our pipelines. Because of their importance, all members of the public should be aware of any pipeline markers in their area.



To identify underground pipelines, look for line markers like the one shown above. Pipeline markers are commonly found at public road, rail and river crossings, and other places along the ROW.

ENCROACHMENT INTO OR ON A PIPELINE RIGHT-OF-WAY

A Right-Of-Way (ROW) is a defined area of land where some of the property owner's legal rights have been granted to our company. This enables us to operate, inspect, repair, maintain, or replace the pipeline on property owned by others. Only the pipeline operator can permit the building, erection, or creation of a structure or improvement within the pipeline ROW. Building a structure; fence, wall, or other obstruction adjacent to the pipeline ROW which would prevent complete and unimpaired surface access is not allowed.

The pipeline operator has the right to perform any necessary activities within the pipeline ROW including but not limited to: construction, replacement, relocation, repair, or operation of the pipeline. Land developers and community planning agencies should always be aware of pipeline ROWs that are located near any planned development and consult with our company early in the planning stage of a project. Our typical ROW width is 50 feet during construction of the pipeline and 30 feet once the pipeline is operational.

Our company maintains a Damage Prevention Program in accordance with state and federal guidelines. The purpose of this program is to prevent damage to our pipelines and facilities from excavation activities, such as digging, trenching, boring, blasting, tunneling, backfilling, or by any other digging activity.

EMERGENCY RESPONSE/ FIRST RESPONDERS

It is anticipated that most emergency calls will be received via our 24-hour emergency number. Pertinent information will be obtained and field operations personnel will be contacted. Once on site, trained personnel will immediately evaluate the situation and take appropriate action to minimize any hazards, personnel will also aid Emergency Responders as needed. If you are a First Responder or Public Official and need detailed mapping of our pipeline systems, please contact our Pipeline Safety Department at 575-810-6025.

IF YOU ARE A FIRST RESPONDER...

- Ignition Source Control: Be particularly careful when first responding to the scene; your vehicles or equipment could ignite the release. To prevent ignition, it will be necessary to remove all potential sources in or near the flammable vapor cloud or liquid pool, and prevent other potential ignition sources from entering the hazardous area.
- If the pipeline leak is burning, attempt to prevent the spread of fire but do not attempt to extinguish the pipeline fire. Once the fire is extinguished, a vapor cloud will begin to form. The cloud will be flammable and explosive and could re-ignite if exposed to another ignition source.
- If the emergency occurs near a road, highway, or railroad right-of-way, traffic control may be desirable to prevent ignition.
- It is important that first responders not operate pipeline valves unless authorized by Targa personnel.
- Targa personnel are not trained or equipped to fight any type of fire which constitutes a pipeline emergency condition.

For more information on Targa's Emergency Response Plan, please contact the following:

Sue Guidry
(337) 583-5210

Jordan North
(432) 221-6822