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DIRECT LINE FOR
EMERGENCY RESPONDERS:
888.262.8107

For more information, please visit:
piedmontng.com/Safety

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Responding to **NATURAL GAS EMERGENCIES**



If you smell natural gas or receive a report of a leak

KEEPING THE PUBLIC SAFE

- **REQUIRE** nonessential persons to leave the area immediately, positioning them UPWIND
- **RESTRICT** the use of anything electrical that may create a spark, including cellphones, light switches and radios
- **RESTRICT** persons from returning to the area until Piedmont Natural Gas has declared the area safe

KEEPING EMERGENCY PERSONNEL SAFE



- | | |
|--|---|
| DO ... set up a safe perimeter | DO ... assist Piedmont Natural Gas with access to the incident scene |
| DO ... call Piedmont Natural Gas (888.262.8107) | |
| DO ... keep all ignition sources away from any escaping natural gas | DO ... evaluate the area for possible gas migration |
| | DO ... keep the public safe by evacuating structures when necessary |



- | | |
|---|---|
| DO NOT ... attempt to locate the source of a leak | DO NOT ... attempt to squeeze or bend pipe to restrict the flow of gas, as static electricity may ignite the gas |
| DO NOT ... attempt to stop a leak | |
| DO NOT ... attempt to operate pipeline valves yourself, as it may inadvertently cause more danger or additional damage | DO NOT ... attempt to extinguish a natural gas fire |



How to recognize a NATURAL GAS LEAK

Natural gas can migrate into neighboring buildings, including those without natural gas service. Leaks from nearby facilities and/or pipelines could affect you.



SMELL

Natural gas smells like rotten eggs



LOOK

Natural gas leaks often cause bubbling water, blowing dirt or dead plants. You may also see sinkholes and/or exposed pipe



LISTEN

Natural gas leaks often cause a hissing sound near a natural gas line or meter



Natural gas characteristics & potential hazards

Properties of Natural Gas

Appearance	Combustible mixture of hydrocarbon gases that is colorless and shapeless
Odor	Since natural gas is odorless by nature, an odorant called mercaptan is added to create a smell similar to rotten eggs
Special Behavior	• Low density and lighter than air • In an open area, it rises into the atmosphere and dissipates • In an enclosed area, it first collects overhead
Hazards	• Extremely flammable and explosive • Suffocation can occur if natural gas displaces the oxygen in an enclosed area
Other Characteristics	• Flammability range is 4-15% gas to air mixture • Ignition temperature is 1163° Fahrenheit • Heating value of 1,000 BTU/cubic foot

Recognizing utilities in the area

 WHITE Proposed excavation	 ORANGE Communications, alarm or signal lines, cables or conduit
 PINK Temporary survey markings	 BLUE Potable water
 RED Electric power lines, cables, conduit and lighting cables	 PURPLE Reclaimed water, irrigation and slurry lines
 YELLOW Gas, oil, steam, petroleum or gaseous materials	 GREEN Sewer and drain lines



The color code chart indicates the marking standard requirements for locating utilities.

Natural gas lines will be marked in yellow.

- Call 811 (a free call) at least three business days before any digging for lines to be properly marked



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

Natural gas right of way

LOOK FOR A RIGHT OF WAY

What is a right of way (ROW)?
A pipeline ROW is a strip of land where Piedmont Natural Gas has a legal right to operate a pipeline.

PIPELINE MARKERS INDICATE HIGH-PRESSURE NATURAL GAS FACILITIES

Markers are placed in the general vicinity of the pipeline and may not indicate the exact location of the pipeline. For more information, visit piedmontng.com/RightOfWay.

PIEDMONT'S PIPELINE MARKERS WILL ALWAYS INCLUDE:

1. Pipeline operator
2. Product
3. Contact number

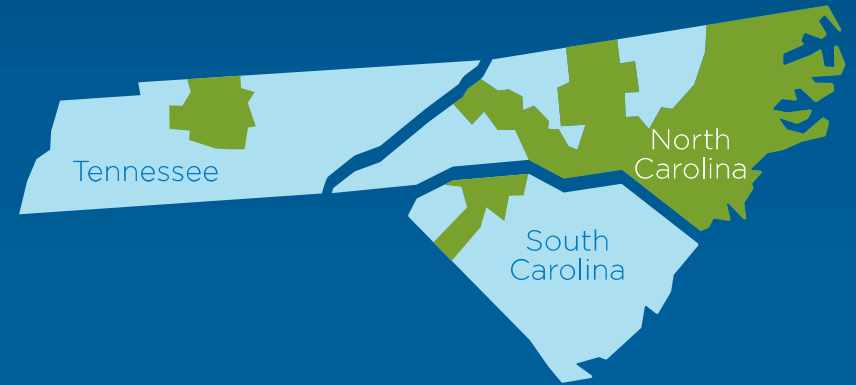


To receive more specific information about the location of our transmission pipelines, visit the National Pipeline Mapping System at npms.phmsa.dot.gov/PublicViewer.

PIPELINE MATERIALS:

- Steel: Diameters range from ¾" to 36", carrying pressures from 60 psi to 900+ psi
- Plastic-Polyethylene: May be solid black, black with a yellow stripe or solid yellow. Diameters range from ½" to 8", with pressures up to 75 psi

Piedmont Natural Gas transmission pipelines and facilities are designed, installed, operated and maintained according to the government's safety requirements to help provide natural gas that is delivered in a safe and reliable manner.



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Additional copies are free to you,
so please contact us at pipelinesafety@piedmontng.com
and tell us how many to send.