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COORDINATED RESPONSE EXERCISE

COORDINATED RESPONSE EXERCISE®

Pipeline Safety Training For First Responders

EMERGENCY RESPONSE MANUAL

Overview
Operator Profiles
Emergency Response
NENA Pipeline Emergency Operations
Signs of a Pipeline Release
High Consequence Area Identification
Pipeline Industry ER Initiatives
Pipeline Damage Reporting Law

2025

EMERGENCY CONTACT LIST

COMPANY	EMERGENCY NUMBER
Atmos Energy	**1-866-322-8667**
Black Bear Transmission (BBT AlaTenn, LLC / BBT MIDLA, LLC / BBT Mississippi, LLC)	**1-844-940-3077**
Caledonia Energy Partners LLC	**1-877-395-7712**
Calgon Carbon	**1-228-533-7514**
CenterPoint Energy	**1-888-876-5786**
Chevron Pipe Line Company	**1-800-762-3404**
City of Vicksburg	**1-601-636-1096**
Collins Pipeline Company	**1-855-887-9768**
Corinth Gas & Water Department	**1-662-286-2263**
Denbury Inc. (ExxonMobil)	**1-888-651-7647**
Enable Gas Transmission	**1-800-474-1954**
Energy Transfer Crude Oil	**1-800-753-5531**
Enmark Energy, Inc.	**1-800-841-0977**
Enterprise Products Operating, LLC	**1-888-883-6308**
Fayetteville Express Pipeline	**1-888-844-8030**
Florida Gas Transmission	**1-800-238-5066**
Genesis Energy, L.P.	**1-800-806-5463**
Greenleaf CO_2 Solutions, LLC	**1-800-969-2940**
Gulf South Pipeline Company, LLC	**1-800-850-0051**
Hunt Crude Oil Supply	**1-251-771-6953**
Hunt Southland Refining Company	**1-800-222-7055**
Kinder Morgan - Midcontinent Express Pipeline L.L.C.	**1-800-733-2490**
Kinder Morgan - Southern Natural Gas Company, LLC	**1-800-252-5960**
Kinder Morgan - Tennessee Gas Pipeline Company, L.L.C.	**1-800-231-2800**
Leaf River Energy Center LLC.	**1-866-966-5732**
Mid-Valley Pipeline	**1-800-753-5531**
Mississippi Hub, LLC	**1-888-307-7595**
Monroe Gas Storage	**1-877-256-4521**
Petroleum Fuels Company	**1-800-275-6549**
Plains Pipeline, L.P	**1-800-708-5071**
Southeast Supply Header	**1-866-977-7374**
Southern Company Pipelines	**1-844-357-4656**
Southern Pines Energy Center (Toll free)	**1-800-688-6593**
Spire	**1-877-945-5427**
Targa Resources Inc.	**1-800-483-9568**
Texas Eastern Transmission L.P. (Enbridge)	**1-800-231-7794**
Texas Gas Transmission, LLC	**1-800-626-1948**
Third Coast Midstream	**1-800-926-4352**
Toro Energy of Mississippi, LLC	**1-800-994-1958**
TransMontaigne Operating Company.	**1-800-732-8140**
Treetop Midstream Services	**1-800-969-2940**
Trunkline Gas	**1-800-225-3913**
Valero Terminaling and Distribution Company / Valero Partners Operating Co., LLC	**1-866-423-0898**
Williams Gas Pipeline Transco	**1-855-945-5762**

Note: The above numbers are for emergency situations.
Additional pipeline operators may exist in your area.
Visit the National Pipeline Mapping System at www.npms.phmsa.dot.gov for companies not listed above.

ONE-CALL SYSTEM	PHONE NUMBER
Mississippi 811	**1-800-227-6477**
National One-Call Referral Number	**1-888-258-0808**
National One-Call Dialing Number	**811**

Table of Contents

To: ALL EMERGENCY OFFICIALS

From: Paradigm Liaison Services, LLC

Re: Pipeline Emergency Response Planning Information

This material is provided to your department as a reference to pipelines that operate in your state in case you are called upon to respond to a pipeline emergency.

For more information on these pipeline companies, please contact each company directly. You will find contact information for each company represented throughout the material.

This information only represents the pipeline and/or gas companies who work with our organization to provide training and communication to Emergency Response agencies such as yours. There may be additional pipeline operators in your area that are not represented in this document.

For information and mapping on other Transmission Pipeline Operators please visit the National Pipeline Mapping System (NPMS) at: https://www.npms.phmsa.dot.gov.

For information on other Gas and Utility Operators please contact your appropriate state commission office.

Further product-specific information may be found in the US Department of Transportation (DOT) *Emergency Response Guidebook for First Responders*.

The Guidebook is available at:
https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2024-04/ERG2024-Eng-Web-a.pdf

PO Box 9123
Wichita, KS 67277
877.477.1162
pdigm.com

Pipeline Emergency Response

PLANNING INFORMATION

ON BEHALF OF:

Atmos Energy
Black Bear Transmission - AlaTenn, LLC
Black Bear Transmission - MIDLA, LLC
Black Bear Transmission - Mississippi, LLC
Caledonia Energy Partners LLC
Calgon Carbon
CenterPoint Energy
Chevron Pipe Line Company
City of Vicksburg
Collins Pipeline Company
Corinth Gas & Water Department
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Treetop Midstream Services
Trunkline Gas
Valero Terminaling and Distribution Company
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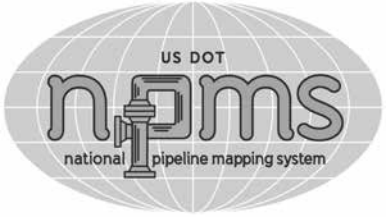

Note: The enclosed information to assist in emergency response planning is delivered by Paradigm Liaison Services, LLC on behalf of the above sponsoring companies. Visit the National Pipeline Mapping System at **https://www.npms.phmsa.dot.gov** to determine additional companies operating in your area.

Pipeline Purpose and Reliability

- Critical national infrastructure
- Over 2.7 million miles of pipeline provide 65% of our nation's energy
- 20 million barrels of liquid product used daily
- 21 trillion cubic feet of natural gas used annually

Safety Initiatives

- Pipeline location
  - Existing right-of-way (ROW)
- ROW encroachment prevention
  - No permanent structures, trees or deeply rooted plants
- Hazard awareness and prevention methods
- Pipeline maintenance activities
  - Cleaning and inspection of pipeline system

Product Hazards and Characteristics

Petroleum (flow rate can be hundreds of thousands of gallons per hour)

- Flammable range may be found anywhere within the hot zone
- H2S can be a by-product of crude oil

Type 1 Products	Flash Point	Ignition Temperature
Gasoline	- 45 °F	600 °F
Jet Fuel	100 °F	410 °F
Kerosene	120 °F	425 °F
Diesel Fuel	155 °F	varies
Crude Oil	25 °F	varies

Natural Gas (flow rate can be hundreds of thousands of cubic feet per hour)

- Flammable range may be found anywhere within the hot zone
- Rises and dissipates relatively quickly
- H2S can be a by-product of natural gas – PPM = PARTS PER MILLION
  - 0.02 PPM — Odor threshold
  - 10.0 PPM — Eye irritation
  - 100 PPM — Headache, dizziness, coughing, vomiting
  - 200-300 PPM — Respiratory inflammation within 1 hour of exposure
  - 500-700 PPM — Loss of consciousness/possible death in 30-60 min.
  - 700-900 PPM — Rapid loss of consciousness; death possible
  - Over 1000 PPM — Unconsciousness in seconds; death in minutes
- Incomplete combustion of natural gas may release carbon monoxide
- Storage facilities may be present around populated areas/can be depleted production facilities or underground caverns
- Gas travel may be outside the containment vessel along the natural cavern between the pipe and soil

Propane, Butane and Other Similar Products

- Flammable range may be found anywhere within the hot zone
- Products cool rapidly to sub-zero temperatures once outside the containment vessel
- Vapor clouds may be white or clear

Type 3 Products	Flash Point	Ignition Temperature
Propane	- 150 °F	920-1120 °F
Butane	- 60 °F	725-850 °F

Line Pressure Hazards

- Transmission pipelines – steel *(high pressure: average 800-1200psi)*
- Local gas pipeline transmission – steel *(high pressure: average 200-1000psi)*
- Local gas mains and services – steel and/or plastic *(low to medium pressure)*
  - Mains: up to 300psi
  - Service lines: up to regulator
    - Average 30-45psi and below
    - Can be up to 60-100psi in some areas
- At regulator into dwelling: ounces of pressure

Leak Recognition and Response

- Sight, sound, smell – indicators vary depending on product
- Diesel engines – fluctuating RPMs
- Black, dark brown or clear liquids/dirt blowing into air/peculiar odors/dead insects around gas line/dead vegetation
- Rainbow sheen on the water/mud or water bubbling up/frozen area on ground/frozen area around gas meter
- Any sign, gut feeling or hunch should be respected and taken seriously
- Take appropriate safety actions ASAP

High Consequence Area (HCA) Regulation

- Defined by pipeline regulations 192 and 195
- Requires specialized communication and planning between responders and pipeline/gas personnel
- May necessitate detailed information from local response agencies to identify HCAs in area

Emergency Response Basics

- Always follow pipeline/gas company recommendations – pipeline representatives may need escort to incident site
- Advance preparation
  - Get to know your pipeline operators/tour their facilities if possible
  - Participate in their field exercises/request on-site training where available
  - Develop response plans and practice
- Planning partners
  - Pipeline & local gas companies
  - Police – local/state/sheriff
  - Fire companies/HAZMAT/ambulance/hospitals/Red Cross
  - LEPC/EMA/public officials
  - Environmental management/Department of Natural Resources
  - Army Corps of Engineers/other military officials
  - Other utilities
- Risk considerations
  - Type/volume/pressure/location/geography of product
  - Environmental factors – wind, fog, temperature, humidity
  - Other utility emergencies
- Incident response
  - Always approach from upwind/park vehicle a safe distance away/if vehicle stalls – DO NOT attempt to restart
  - Gather information/establish incident command/identify command structure
  - Initiate communications with pipeline/gas company representative ASAP
  - Control/deny entry: vehicle, boat, train, aircraft, foot traffic, media – refer all media questions to pipeline/gas reps
- Extinguish fires only
  - To aid in rescue or evacuation
  - To protect exposures
  - When controllable amounts of vapor or liquid present
- Incident notification – pipeline control center or local gas company number on warning marker
  - In ***Pipeline Emergency Response Planning Information Manual***
  - Emergency contact list in ***Program Guide***
  - Call immediately/provide detailed incident information
- Pipeline security – assist by noting activity on pipeline/gas facilities
  - Report abnormal activities around facilities
  - Suspicious excavation/abandoned vehicles/non-company personnel/non-company vehicles
  - Freshly disturbed soil/perimeter abnormalities

One-Call

- One-Call centers are not responsible for marking lines
- Each state has different One-Call laws. Familiarize yourself with the state you are working in
- Not all states require facility owners to be members of a One-Call
- You may have to contact some facility owners on your own if they are not One-Call members
- In some states, homeowners must call before they dig just like professional excavators

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- **HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.**
- Vapors may form explosive mixtures with air.
- Vapors may travel to source of ignition and flash back.
- Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Vapor explosion hazard indoors, outdoors or in sewers.
- Those substances designated with a **"P"** may polymerize explosively when heated or involved in a fire.
- Runoff to sewer may create fire or explosion hazard.
- Containers may explode when heated.
- Many liquids are lighter than water.
- Substance may be transported hot.
- **If molten aluminum is involved, refer to GUIDE 169.**

HEALTH

- 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.

PUBLIC SAFETY

- **CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available appropriate telephone numbers can be found in the Emergency Response Guidebook.**
- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Keep out of low areas.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 300 meters (1000 feet).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

CAUTION: All these products have a very low flash point: Use of water spray when fighting fire may be inefficient.

CAUTION: For mixtures containing alcohol or polar solvent, alcohol-resistant foam may be more effective.

Small Fire

- Dry chemical, CO_2, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.

PRODUCT: Crude Oil	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1267	128
PRODUCT: Diesel Fuel	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1202	128
PRODUCT: Jet Fuel	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1863	128
PRODUCT: Gasoline	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1203	128

Refer to the Emergency Response Guidebook for additional products not listed.

- Use water spray or fog; do not use straight streams.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks or Car/Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- Prevent entry into waterways, sewers, basements or confined areas.
- A vapor suppressing foam may be used to reduce vapors.
- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
- Use clean non-sparking tools to collect absorbed material.

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Wash skin with soap and water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- **EXTREMELY FLAMMABLE..**
- Will be easily ignited by heat, sparks or flames.
- Will form explosive mixtures with air.
- Vapors from liquefied gas are initially heavier than air and spread along ground. **CAUTION: Hydrogen (UN1049), Deuterium (UN1957), Hydrogen, refrigerated liquid (UN1966) and Methane (UN1971) are lighter than air and will rise. Hydrogen and Deuterium fires are difficult to detect since they burn with an invisible flame. Use an alternate method of detection (thermal camera, broom handle, etc.)**
- Vapors may travel to source of ignition and flash back.
- Cylinders exposed to fire may vent and release flammable gas through pressure relief devices.
- Containers may explode when heated.
- Ruptured cylinders may rocket.

HEALTH

- Vapors may cause dizziness or asphyxiation without warning.
- Some may be irritating if inhaled at high concentrations.
- Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.
- Fire may produce irritating and/or toxic gases.

PUBLIC SAFETY

- **CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available appropriate telephone numbers can be found in the Emergency Response Guidebook.**
- As an immediate precautionary measure, isolate spill or leak area for at least 100 meters (330 feet) in all directions.
- Keep unauthorized personnel away.
- Stay upwind.
- Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks).
- Keep out of low areas.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.
- Always wear thermal protective clothing when handling refrigerated/cryogenic liquids.

EVACUATION

Large Spill

- Consider initial downwind evacuation for at least 800 meters (1/2 mile).

Fire

- If tank, rail car or tank truck is involved in a fire, ISOLATE for 1600 meters (1 mile) in all directions; also, consider initial evacuation for 1600 meters (1 mile) in all directions.

EMERGENCY RESPONSE

FIRE

- **DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED. CAUTION: Hydrogen (UN1049), Deuterium (UN1957) and Hydrogen, refrigerated liquid (UN1966) burn with an invisible flame. Hydrogen and Methane mixture, compressed (UN2034) may burn with an invisible flame.**

Small Fire

- Dry chemical or CO2.

PRODUCT: Propane	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1075	115
PRODUCT: Butane	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1075	115
PRODUCT: Ethane	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1035	115
PRODUCT: Propylene	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1075/1077	115
PRODUCT: Natural Gas Liquids	
DOT GUIDEBOOK ID #:	**GUIDE #:**
1972	115

Refer to the Emergency Response Guidebook for additional products not listed.

Large Fire

- Water spray or fog.
- Move containers from fire area if you can do it without risk.

Fire involving Tanks

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Cool containers with flooding quantities of water until well after fire is out.
- Do not direct water at source of leak or safety devices; icing may occur.
- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from tanks engulfed in fire.
- For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- Stop leak if you can do it without risk.
- If possible, turn leaking containers so that gas escapes rather than liquid.
- Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material.
- Do not direct water at spill or source of leak.
- Prevent spreading of vapors through sewers, ventilation systems and confined areas.
- Isolate area until gas has dispersed. **CAUTION: When in contact with refrigerated/cryogenic liquids, many materials become brittle and are likely to break without warning.**

FIRST AID

- Move victim to fresh air.
- Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- Clothing frozen to the skin should be thawed before being removed.
- In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
- In case of burns, immediately cool affected skin for as long as possible with cold water. Do not remove clothing if adhering to skin.
- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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DOT GUIDEBOOK ID #: 1971 **GUIDE #:** 115

CHEMICAL NAMES:

- Natural Gas
- Methane
- Marsh Gas
- Well Head Gas
- Fuel Gas
- Lease Gas
- Sour Gas*

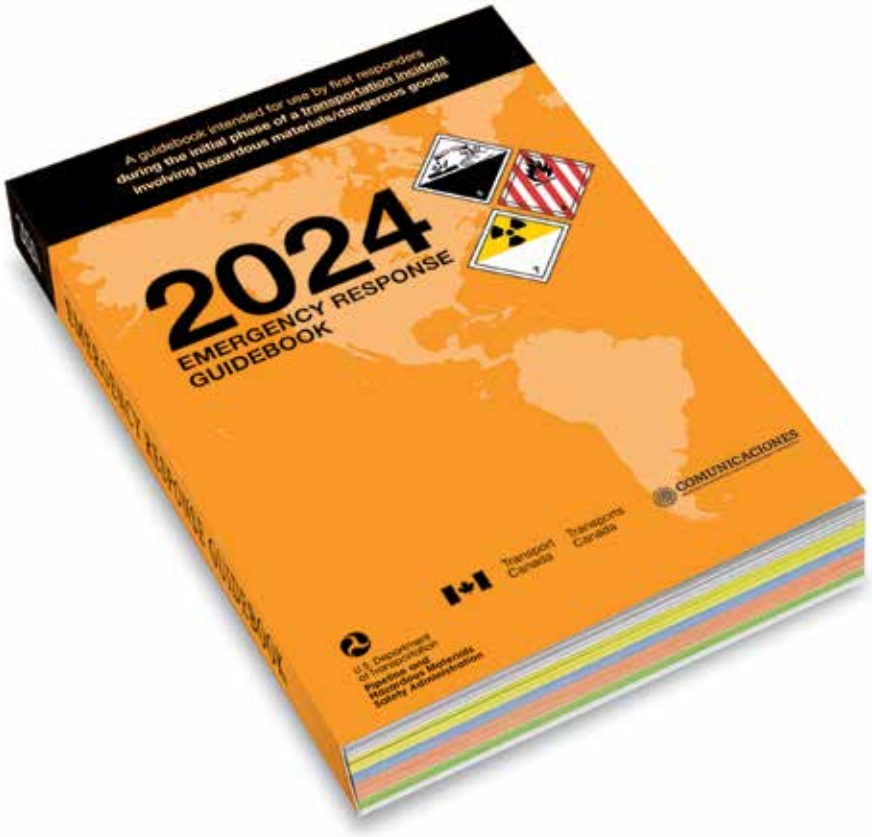
CHEMICAL FAMILY:

Petroleum Hydrocarbon Mix: Aliphatic Hydrocarbons (Alkanes), Aromatic Hydrocarbons, Inorganic Compounds

COMPONENTS:

Methane, Iso-Hexane, Ethane, Heptanes, Propane, Hydrogen Sulfide*, (In "Sour" Gas), Iso-Butane, Carbon, Dioxide, n-Butane, Nitrogen, Pentane Benzene, Hexane, Octanes

Product INFORMATION



The Emergency Response Guidebook is available at:
https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2024-04/ERG2024-Eng-Web-a.pdf

ANDROID APP ON Google play

Download on the App Store

This app is only available on the App Store for iOS devices.

790 Liberty Road
Flowood, MS 39232
Customer Service Phone: 888-286-6700
Website: www.atmosenergy.com

Atmos Energy Corporation, headquartered in Dallas, is one of the country's largest natural gas-only distributors, serving about 3.4 million gas utility customers. Atmos Energy's utility operations serve more than 1,400 communities in 8 states from the Blue Ridge Mountains in the east to the Rocky Mountains in the west. Atmos Energy's non-utility operations, organized under Atmos Energy Holdings, Inc., operate in 22 states. They provide natural gas marketing and procurement services to industrial, commercial and municipal customers and manage company-owned natural gas pipeline and storage assets, including one of the largest intrastate natural gas pipeline systems in Texas. Atmos Energy is a Fortune 500 company. For information, visit www.atmosenergy.com

Atmos Energy Corporation's Mississippi Division operates approximately 6,793 miles of Natural Gas Distribution main lines in 43 counties throughout the state of Mississippi, serving approximately 274,000 customers. The Mississippi Division also operates 300 miles of Natural Gas Transmission lines across the state of Mississippi. Our Mississippi Division Corporate office is located at 790 Liberty Road, Flowood, MS 39232.

COMMITMENT

ATMOS Energy is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. ATMOS Energy's qualified personnel are trained in emergency response activities.

ATMOS Energy is fully prepared to implement its emergency response plans to deploy the necessary personnel, and resources in response to an emergency situation and take whatever actions are necessary to control and / or eliminate the emergency situation in the shortest period of time.

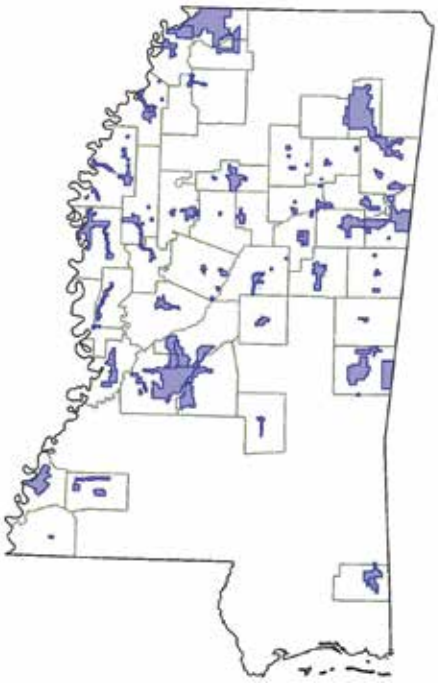
ATMOS Energy is also committed to establishing a liaison jointly between the Fire Department, Police Department and other governmental agencies to insure proper communication and understanding of operating procedures during periods of emergency, civil disturbances and major gas interruptions.

COMMUNICATIONS

ATMOS Energy utilizes its 24-hour Call Center 1-866-322-8667 or 1-866-ECAtmos as a hub of communications in emergency response situations. On-site communications are conducted using MDT Dispatching System, cellular telephones and/or land-line telephone systems from Company facilities and offices.

For more information regarding ATMOS Energy's emergency response plans and procedures, call Dean G. Morris, Compliance Manager, at (601) 592-5360.

Additional information can also be found on CD.



EMERGENCY CONTACT:
1-866-322-8667

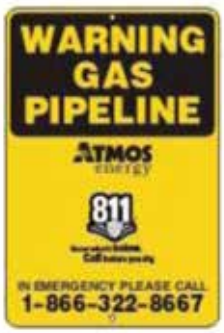
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Adams	Leflore*
Attala*	Lowndes*
Bolivar*	Madison
Calhoun*	Monroe*
Carroll*	Montgomery*
Chickasaw*	Noxubee
Choctaw*	Oktibbeha*
Clay*	Panola
Coahoma	Quitman
Desoto*	Rankin
Franklin*	Sharkey
George	Smith
Grenada*	Sunflower*
Hinds*	Tate
Holmes	Tunica
Humphreys	Warren
Issaquena	Washington*
Itawamba*	Webster*
Kemper	Wilkinson
Lauderdale*	Winston*
Leake	Yazoo*
Lee*	

*Counties denoted with an asterisk * contain both distribution and transmission assets*

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



BLACK BEAR
TRANSMISSION

1501 McKinney Street
Suite 800
Houston, TX 77010
Website: blackbearllc.com

WHO IS BLACK BEAR TRANSMISSION

Black Bear Transmission LLC transports and delivers natural gas from various pipeline receipt points to power generation, industrial and utility customers in the Southeast United States. The company includes 12 regulated natural gas pipelines stretching more than 2,300 miles with total delivery capacity of more than 2.6 Bcf/d. The pipelines are connected to 18 major long-haul pipelines ensuring reliable gas supply to customers across Alabama, Arkansas, Louisiana, Mississippi, Missouri, Oklahoma and Tennessee. Black Bear Transmission is headquartered in Houston, TX.

PIPELINE SAFETY

System failures occur infrequently along the nation's network of interstate natural gas pipeline facilities, and many of these are caused by damage from others digging near the pipeline. We watch for unauthorized digging, but we request your help to notify us.

ALWAYS CALL 811 BEFORE YOU DIG!

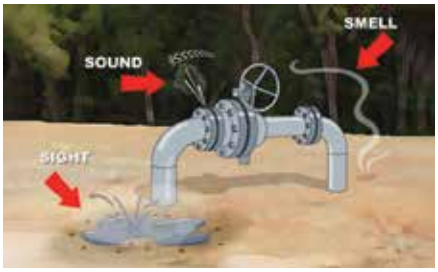
811
Know what's **below.**
Call before you dig.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Our pipelines are monitored through a combination of systems and safety programs, including inspections on foot, and evaluation by state officials to ensure that operators are meeting regulatory requirements and making necessary repairs. Black Bear Transmission, LLC is committed to the safety of the public and care of the environment. We take great pains to follow the highest industry standards in order to provide top-quality services.

RECOGNIZING A PIPELINE

Line markers are placed at intervals along pipeline right-of-ways. Our markers give an approximate location of the pipeline system and display our telephone numbers. More specific inquiries about the location of our pipelines can be directed to Black Bear Transmission, LLC.



SIGNS OF A PIPELINE LEAK

Sight - Blowing gas, dead or dry vegetation, or bubbles in the water near the pipeline.

Sound - Whistling, hissing or roaring noise.

Smell -Odorized to smell like rotten eggs.

WHAT TO DO IF YOU SUSPECT A PIPELINE LEAK?

Your personal safety should be your first concern:

- Immediately leave the area. If possible, turn off any vehicles or equipment being used in or near the suspected leak. Abandon any equipment being used and move upwind from the suspected leak.
- From a safe location, call Black Bear Transmission, LLC. Give your name, phone number, location, and a description of the leak.
- Warn others to stay away when possible.

EMERGENCY CONTACT:
1-844-940-3077

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Adams	Lawrence
Alcorn	Marion
Clarke	Pearl River
Covington	Perry
Forrest	Rankin
Hinds	Simpson
Jasper	Smith
Jefferson Davis	Tishomingo
Jones	

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

WHAT NOT TO DO IF YOU SUSPECT A PIPELINE LEAK?

- **DO NOT** touch, breathe or make contact with the leaking gas. Stay upwind if possible.
- **DO NOT** light a match, start an engine, use a telephone, turn on/ off any type of electrical switch or do anything that may create static or a spark.
- **DO NOT** attempt to extinguish any pipeline fire that may start.
- **DO NOT** drive into a leak or vapor cloud area. Automobile engines may ignite the vapors.
- **DO NOT** start or attempt to operate valves.

EMERGENCY RESPONSE PLANS

An Emergency Response Plan is developed for each pipeline facility to contain, control and mitigate the various types of emergency conditions/situations that could occur at one of our facilities. For more information regarding Black Bear Transmission emergency response plans and procedures, contact us directly

Tony Sorrells
Caledonia Energy Partners LLC.
500 Flint Hill Road
Caledonia MS 39740

COMMITMENT

Caledonia Energy Partners, LLC is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Caledonia Energy Partners, LLC's qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities.

Caledonia Energy Partners, LLC has committed the necessary resources to fully prepare and implement its emergency response plans and has obtained through contract the necessary private personnel and equipment to respond, to the maximum extent practicable, to a "worst case" discharge or substantial threat of such a discharge.

COMMUNICATIONS

Caledonia Energy Partners, LLC utilizes its 24-hour Gas Control Center (1-877-395-7712) as a hub of communications in emergency response situations. The Control Center has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, portable Motorola Radios and/or land-line telephone systems from Company facilities and offices.

INCIDENT COMMAND SYSTEM

Caledonia Energy Partners, LLC utilizes an expandable Incident Command System. Depending upon the size and complexity of an incident, additional Company or contract personnel may be added as needed. Additional federal, state or local agencies may be integrated into the Incident Command System by utilizing a Unified Command Structure.

SPILL RESPONSE EQUIPMENT

Caledonia Energy Partners, LLC maintains emergency response equipment at its facility. Equipment and materials include spill boom (of various types, sizes and lengths as needed in different areas), sorbent materials, boats, motors, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies.

For more information regarding Caledonia Energy Partners, LLC emergency response plans and procedures, call Tony Sorrells, Operations Manager, at (205) 431-7500.

EMERGENCY CONTACT:
1-877-395-7712

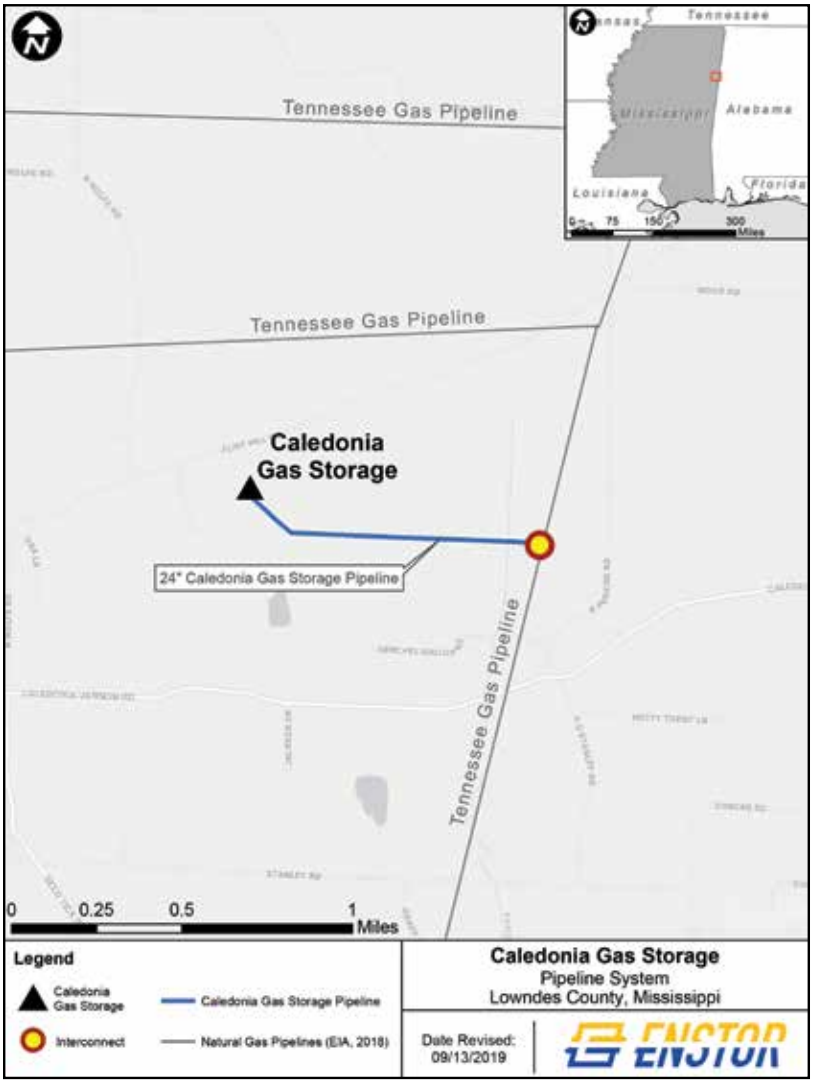
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Lowndes

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



Website: www.calgoncarbon.com

ABOUT CALGON CARBON

Calgon Carbon operates 5.28 miles of natural gas pipeline located southeast of Pearlington, Mississippi.

CALL BEFORE YOU DIG. IT'S THE LAW!

Always contact your state One-Call Center before engaging in ANY excavation, construction, farming or digging. Most states require 48 hours notice to the One-Call Center to allow the utility operators to mark their pipelines and utilities at your proposed digging site.

One easy **FREE** phone call to 811 starts the process to get your underground pipelines and utility lines marked. Once your underground lines have been marked for your project, you will know the approximate location of your pipelines and utility lines, and can dig safely. More information regarding 811 can be found at **www.call811.com**.

HOW WOULD YOU KNOW WHERE THE PIPELINE IS?

Pipeline rights-of-way are clearly identified by pipeline markers along pipeline routes that identify the approximate—NOT EXACT—location of the pipeline. It also contains Calgon Carbon company information, type of product transported, and the emergency contact number. **Markers do not indicate pipeline burial depth, which will vary**.

WHAT DOES CALGON CARBON DO IF A LEAK OCCURS?

To prepare for the event of a leak, Pipeline Protective Services, a representative for Calgon Carbon, regularly communicates, plans and trains with local emergency responders. Upon the notification of an incident or leak Calgon Carbon will immediately dispatch Pipeline Protective Services trained personnel to assist emergency responders. Pipeline Protective Services personnel and emergency responders are trained to protect life, property and facilities in the case of an emergency.

WOULD YOU RECOGNIZE A PIPELINE LEAK?

Understand the signs of a pipeline leak...

- ***SIGHT:*** Bubbling or blowing water in wet areas, vaporous fogs or blowing dirt, dead or discolored plants in an otherwise healthy area of vegetation or frozen ground in warm weather.
- ***SOUND***: Blowing, hissing, or a loud roar.
- ***SMELL:*** Gas transmission/gas gathering pipelines are odorless, but may contain a hydrocarbon smell.

WHAT TO DO IN THE EVENT A LEAK WERE TO OCCUR:

- ***Turn off*** all equipment and eliminate any ignition sources without risking injury.
- ***Leave the area*** by foot immediately. Attempt to stay upwind.
- Evacuate everyone from the area and prevent others from entering.
- Move to a safe location, notify Calgon Carbon immediately at 1-228-533-7514 and ***CALL 911***.

WHAT NOT TO DO IN THE EVENT A LEAK WERE TO OCCUR:

- ***DO NOT*** cause any open flame or other potential source of ignition such as an electrical switch, vehicle ignition, light a match, ring a doorbell, or operate electrical equipment.
- ***DO NOT*** come into direct contact with any escaping vapors or natural gas.
- ***DO NOT*** drive into a leak or vapor cloud while leaving the area.
- ***DO NOT*** attempt to operate any pipeline valves yourself.
- ***DO NOT*** attempt to extinguish a pipeline fire

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Calgon Carbon utilizes electronic and ground surveillance patrolling to identify potential dangers. Field personnel are immediately notified if there is a possibility of a leak. System valves can be utilized to isolate a leak.

EMERGENCY CONTACT:
1-228-533-7514

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Hancock

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

WHAT TO DO IN CASE OF DAMAGING/DISTURBINGAPIPELINE

State laws require you to maintain a minimum clearance, or tolerance zone, on either side of the pipeline, between the point of excavation and a marked pipeline. Check with your state one-call for tolerance zone requirements in your state.

If you cause or witness even minor damage to a pipeline or its protective coating, please immediately notify Calgon Carbon at 1-228-533-7514. Even a small disturbance to a pipeline may cause a future leak. A gouge, scrape, dent or crease is cause enough for the company to inspect the damage and make repairs.

PLANNING,ZONINGANDPROPERTY DEVELOPMENT

It is crucial to coordinate with Pipeline Protective Services to take the location of the pipeline into consideration in land use plans, zoning, and property development activities. Pipeline depth is a crucial consideration during development planning to ensure costs for lowering or relocation are identified. Pipeline Protective Services may be reached at 1-318-278-5144.

WHAT IS A RIGHT-OF-WAY AND CAN I BUILD OR DIG ON IT?

Rights-of-way (ROW) are often recognizable as corridors that are clear of trees, buildings or other structures except for the pipeline markers. A ROW may not have markers clearly present and may only be indicated by cleared corridors of land, except where farm land or crops exist. County Clerk's Offices also have record of easements which are public record. Encroachments upon the pipeline right-of-way inhibit Calgon Carbon's ability to reduce the chance of third-party damage and perform routine maintenance. For questions concerning the pipeline or right-of-way or about future property improvements or excavations, contact Calgon Carbon at 1-228-533-7514.

PIPELINE PURPOSE AND RELIABILITY

Calgon Carbon operates a 5.28 mile pipeline that transport natural gas. Pipelines are the safest and most efficient means of transporting natural gas products, according to National Transportation Safety Board statistics. These pipelines provide about 24 percent of all the energy used in the United States.

TRANSMISSION PIPELINE MAPPING

The National Pipeline Mapping System (NPMS) is a geographic information system created 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.

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/. Operators of production facilities, gas/liquid gathering piping and distribution piping, are not represented by NPMS nor are they required to be.

HOW CAN YOU HELP?

- Become familiar with Calgon Carbon's pipeline and pipeline facilities in the area (marker signs, fence signs at gated entrances, etc).
- Record Calgon Carbon's 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 Calgon Carbon and the local law enforcement

EMERGENCY RESPONDER ACTIONS IN A PIPELINE EMERGENCY

- ***Public safety and environmental protection are the top priorities in any pipeline emergency response.***
- ***Secure the area around the leak to a safe distance***. Vapors can migrate great distances, so it is important to remove all ignition sources from the area. 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.
- ***Establish a command center***. Work with Calgon Carbon representatives as you develop a plan to address the emergency. Calgon Carbon 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
  - 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 quantity of product 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 if necessary. Involving Calgon Carbon may be important in making this decision.
- ***Calgon Carbon will make their Emergency Spill Response Plan information available to Emergency Responders upon request.***

911 DISPATCH

Follow these simple guidelines in the case of a pipeline incident:

- Gather the proper information (if possible): company, product, and release characteristics
- Know the appropriate response to each product
- Know the wind direction at the time
- Warn of ignition sources if possible
- Dispatch appropriate emergency responders
- Contact Calgon Carbon

CenterPoint Energy
300 Executive Boulevard
Byram, MS 39272
www.centerpointenergy.com

ABOUT CENTERPOINT ENERGY

As the only investor-owned electric and gas utility based in Texas, CenterPoint Energy, Inc. is an energy delivery company with electric transmission and distribution, power generation and natural gas distribution operations that serve nearly 7 million metered customers in Indiana, Louisiana, Minnesota, Mississippi, Ohio, and Texas.

Additionally, CenterPoint Energy owns and operates 27 miles of pipeline in northern Kentucky, which serve southeastern Indiana. With approximately 9,000 total employees, CenterPoint Energy and its predecessor companies have been in business for more than 150 years.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

According to the National Transportation and Safety Board, pipelines are the safest, most economical way to transport products. We are committed to the safe operation of our natural gas pipelines in your community. In fact, we monitor the operations of our pipelines from our control centers 24 hours a day, seven days a week. Our natural gas facilities are designed, installed, tested, operated and maintained in accordance with all applicable federal and state requirements. Because safety is so important, we're dedicated to having an excellent pipeline safety program, including routine inspections, corrosion protection, maintenance and testing programs, employee training and public education.

Due to their proximity to populated or environmentally sensitive areas, some portions of our pipeline systems have been designated as High Consequence Areas. These areas are subject to increased inspection and maintenance measures, known as an integrity management program. More information on CenterPoint Energy's integrity management programs and natural gas safety can be found at **CenterPointEnergy.com/Safety**.

To view and download maps of transmission pipelines in your county, visit www.npms.phmsa.dot.gov, which is the National Pipeline Mapping System managed by the federal government.

If a gas pipeline emergency were to occur, CenterPoint Energy personnel will work directly with local emergency responders. Our priorities at the scene of a pipeline emergency are the same as yours - protect people, property and the environment. CenterPoint Energy field personnel are trained in Incident Command Structure (ICS) and familiar with how to work with local responders within the ICS framework. CenterPoint Energy personnel will restrict the flow of gas and implement other operating actions as needed to minimize the impact of the emergency.

Public safety officials and other unauthorized personnel should not attempt to operate pipeline valves on the pipeline, as this could make the situation worse and cause other accidents to occur.

Since most pipelines are buried underground, pipeline markers are used to indicate their approximate location along the route. They are commonly found where a pipeline intersects a street, highway, railway or river, and they display:

- The material transported in the line
- The name of the pipeline operator
- A telephone number where the pipeline operator can be reached in the event of an emergency

For your safety, always contact 811 before you dig. Call 811 or submit an online request at MS811.org at least two working days (excluding weekends and holidays) before you dig. It's easy, it's free and it's the law.

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

EMERGENCY GAS LEAK:
888-876-5786

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Bolivar	Lincoln
Clarke	Neshoba
Coahoma	Newton
Copiah	Madison
Covington	Marion
Forrest	Panola
George	Pearl River
Greene	Perry
Hancock	Pike
Harrison	Quitman
Hinds	Rankin
Jackson	Scott
Jasper	Simpson
Jefferson Davis	Smith
Jones	Stone
Lafayette	Sunflower
Lamar	Tallahatchie
Lawrence	Warren
Leake	Yalobusha

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

Chevron

Website: www.chevron-pipeline.com

KNOWLEDGE

The first element of pipeline safety

The management of pipeline safety involves the cooperation and teamwork of pipeline operating companies and all emergency response agencies.

The nation's pipelines are the arteries of our national energy supply. Pipelines are essential to our transportation system and our way of life.

Nationally, there are 2.3 million miles of underground pipeline systems transporting petroleum products safely and economically. Pipelines transporting petroleum and natural gas products are an integral part of the infrastructure of all communities. Truck and rail transportation cannot equal the safety records of pipeline transportation of these products, and they cannot match the efficiency of pipelines to deliver these products economically.

Suburban development, in previously rural areas, has placed many residential communities, businesses, schools, churches, and shopping complexes closer to our nation's pipeline systems.

We at Chevron Pipe Line Company take seriously our responsibility to inform and educate communities on how to live safely with nearby pipelines.

Working together, our education program will assure your community of our commitment to safety and raise public awareness of the presence of pipelines in your neighborhoods and near places of business.

This booklet provides Emergency Response agencies with the essential information to make informed decisions about pipeline safety and to manage a safety program that is tailored to the communities we mutually serve.

We hope the information contained in this booklet will serve as your guide for increased pipeline safety awareness in your community.

LOCATE

Know the location of pipeline Right-of-Way corridors in your community

Knowledge of the location of pipeline rights-of-way in your communities can assist your safety effectiveness and response time.

It is important to map and record all pipeline corridors in relation to community places or group congregation, also known as "Identified Sites," which include:

- Schools
- Churches
- Hospitals
- Nursing homes and assisted living facilities
- Shopping malls
- Business complexes
- Any facility where groups of 20 or more people congregate
- Buildings that house groups of immobile people who are difficult to evacuate

The federal government Office of Pipeline Safety requires pipeline operators to maintain a list of "Identified Sites." The "Identified Sites" list includes much of the same information your department maintains.

To assure we maintain an accurate list, be one of our partners and forward your list of "Identified Sites" to Chevron Pipe Line Company on an annual basis.

Knowing the location of these facilities in relation to the pipeline right-of-way corridor and knowing all traffic patterns for safe evacuation from these locations are recommended practices for all first response agencies.

PIPELINE MARKERS

Pipeline markers are located above the ground, and they indicate the presence of underground petroleum and/or natural gas pipelines.

EMERGENCY CONTACT:
1-800-762-3404

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Crude Oil	1267	128

MISSISSIPPI
COUNTIES OF OPERATION:

Jackson Harrison

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

IDENTIFY

Recognize the above ground pipeline markers in your community

Pipeline markers are located above the ground and indicate the presence of underground petroleum and/or natural gas pipelines.

Pipeline markers are a significant tool for the management of the public safety in your district.

Caution! Pipeline markers will not indicate the depth of the pipeline buried below nor the exact location. Contact your regional One-Call Center for assistance with locating pipelines. Pipeline markers will indicate the name of the company operating the pipeline, as well as the type of products being transported through the pipelines. There will be a toll free telephone number to call for questions or assistance about the pipelines. This number is located near the bottom of the markers.

It is a federal crime to remove a pipeline marker, or to deface, damage, or destroy any pipeline marker or right-of-way easement signs. Please report any pipeline marker damage or removal to the operating pipeline company and/or the regional One-Call Center at toll-free 811.

EVALUATE

How to determine if a pipeline leak is under way

If you suspect a pipeline leak is under way, your first concern should be for your personal safety and the safety of the people in the surrounding area.

Your observation and your knowledge of leak indications are the most important evaluation of the first response. Act on your instincts.

Sight
Look for liquids that are pooling on the ground above the pipeline zone. Not all products are liquid. Some are gases that cannot be seen.

Look for any brown or discolored grasses or vegetation that would otherwise be green. Watch for any vapor clouds or heat waves that are rising above the
pipeline area.

Sound
Listen for hissing, rumbling or roaring sounds that indicate the escape of pressurized liquids or gases from a pipeline in the area near the right-of-way corridor.

Smell
Odorants are added to the gas to cause an odd and pungent odor within the pipeline. Gaseous products leaking from pipelines will generally have the odor of sulfur or “rotten eggs.” Be alert to any foul or unusual smells surrounding the area near any pipeline markers.

If you observe any of the above pipeline damage or leak indicators:

1. Do not investigate further.
2. Avoid all contact with any escaping liquids or gases. Leave the area immediately.
3. Once you are in a safe area, call your regional One-Call Center at toll-free 811 and Chevron Pipe Line Company for assistance.

PROTECTION

Establishing control of an accident site and assisting with safety procedures

In the event of a pipeline accident or leak, your personal safety is the first priority. Wear safety equipment suitable to protect yourself. The situation will require your professional presence to assist the public and other emergency teams.

Your next concern is for the safety of all residents and the public in the surrounding area. Establishing control of the situation as quickly as possible is vital in order to protect lives, property and the environment.

We recommend the following safety guidelines for all onsite response personnel:

Turn off all machinery and vehicles. Avoid driving over the affected area.

- Do not light a match.
- Do not turn any electrical switches on or off.
- Turn off all cellular telephones.
- Do not allow any smoking and immediately extinguish all smoking materials.
- Move the public upwind of any leak or vapor clouds.
- Do not attempt to extinguish any fire or flames on the pipeline right-of-way.
- Do not attempt to turn or operate any pipeline valves. This could potentially make the situation more dangerous and spread the damage.

Recommended traffic control and evacuation procedures at the release site:

- Prohibit traffic and the public from entering the area.
- Clear all vehicles and traffic for incoming emergency vehicles.
- Remain calm and courteous to direct the nearby public to a safe location.
- We recommend a central gathering place of safety such as a park or public building where the public can wait for assistance and notify others of their whereabouts.

Notify all emergency agencies:

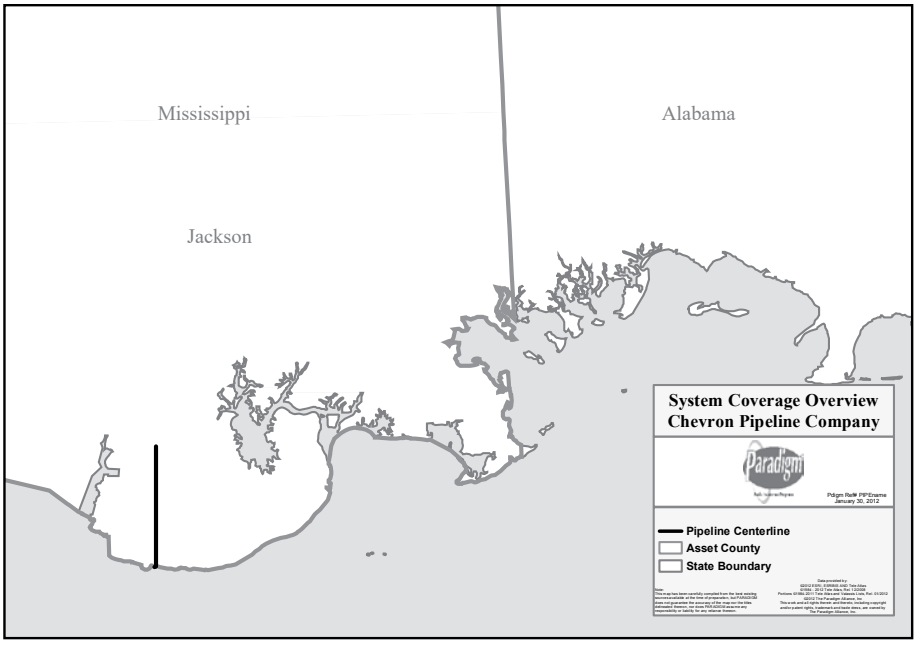
- Call for emergency assistance to your local fire departments and law enforcement agencies and paramedics, if necessary.
- Call toll free 811 to notify your regional One-Call Center.
- Call the pipeline operating firm as indicated on the pipeline marker at the scene.

EMERGENCY RESPONDERS

We are committed to the safety of our emergency responders and the communities you serve. We want to provide you with information to keep you and your community safe by making our Emergency Response Plans available to you and your agency through our **Emergency Response Portal (ERP™)**.

In this portal you will find mapping of our assets, a copy of our Emergency Response Plans, and other safety information including emergency contact information.

Use the QR Code to register for access to our Emergency Response Plans.



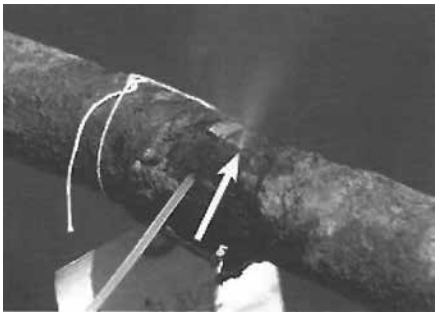
801 Washington Street
Vicksburg, MS 39180
Phone: 601-634-4563
Fax:601-631-2986
E-mail: wgoffice@vicksburg.org
Website: https://www.vicksburg.org/

NATURAL GAS: WHAT YOU NEED TO KNOW

Natural gas is a safe, reliable and affordable energy choice, but it should be handled properly and with care. This is why it's important for you to be educated about the properties of natural gas and of the potential hazards if natural gas is released through damaged or leaking pipelines: .

PROPERTIES OF NATURAL GAS

- Natural gas is **Colorless**
- Natural gas is **Odorless**
  For safety purposes, a compound called mercaptan is added to natural gas to give it the rotten egg smell to make it easily recognizable.
- Natural gas is **Nontoxic**
  Natural gas is not toxic, however it will displace oxygen. In a confined environment natural gas could significantly reduce the amount of oxygen in the air and create a dangerous environment.
- Natural gas is **Flammable**
  Natural gas will ignite with the proper mixture of air and an ignition source.



HOW TO RECOGNIZE A NATURAL GAS LEAK

A natural gas leak can impact you, even if you don't have natural gas service at your home or business. It's possible for natural gas to migrate into neighboring buildings, including those without natural gas service,. Natural gas leaks can be handled quickly and easily if you know what to look for and what to do if you find one. Here's how you can identify a natural gas leak:

SMELL
- Natural gas smells like rotten eggs

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

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

IF YOU SMELL NATURAL GAS OR SUSPECT A LEAK:

- Leave the area immediately
- After leaving the area, call the City of Vicksburg Gas Department at 601-636-1096 or call 911
- Call from a neighbor's house or from another location far from the smell of natural gas
- **DO NOT** use anything electrical that may create a spark; this includes cell phones
- **DO NOT** operate any light switches
- **DO NOT** light a match
- **DO NOT** attempt to locate the source of a leak
- **DO NOT** attempt to stop a leak
- **DO NOT** return to the area until Vicksburg Natural Gas or the emergency services have declared the area safe
- **DO NOT** attempt to operate pipeline valves yourself. You may inadvertently cause more danger or additional damage
- **DO NOT** attempt to extinguish a natural gas fire

EMERGENCY CONTACT:
1-601-636-1096

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Warren

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

CALL 811 BEFORE YOU DIG

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

THIS IS VERY IMPORTANT

Prior to performing any digging of any sort, you are required by law to notify your local one-call utility notification center 48 hours prior to digging.

The City of Vicksburg Natural Gas will then mark the gas facilities. These marks are valid for 10 days.

Before you can safely cross or work in close proximity to an underground utility, you must first verify its depth. Flags and locator marks tell you the direction the utility is running, but not how deep it is buried. Use proper hand digging tools and techniques to safely verify the depth of any buried utilities in close proximity to your planned excavation. The only way to be sure of utility depth is to physically expose it.

If you smell natural gas or suspect a leak, call the City of Vicksburg Natural Gas at **601-636-1096 and emergency 911!** Technicians are available 24 hours a day 7 days a week to investigate potential gas leaks.

LOOK FOR SIGNS OF UNDERGROUND PIPELINES

Natural gas pipelines are often identified by markers placed at intervals along pipeline rights of way. Markers warn that a pipeline is located in the area, identify the product transported in the line and provide the name of the pipeline operator and a telephone number to call in the event of an emergency.

While the markers are very helpful to indicate the presence of pipelines in the area, they don't show the exact location, depth or how many pipelines are in the right of way. Also, be aware that pipelines may not follow a straight line between markers. Please keep in mind that not all pipelines are marked. The absence of a pipeline marker does not mean that an underground pipeline may not be present.

Reminder:
Do not operate gas valves under any circumstance. These valves are only to be used by trained & qualified City of Vicksburg Natural Gas Employees.

Mississippi 811
protecting Mississippi's vital flow... one call at a time

Know what's below.
Call before you dig.
911 or 800.227.6477

Collins Pipeline Company

Stephen Strebeck
PO Box 1027
Collins, MS 39428
Office Phone: (601) 765-6593

COMMITMENT

Collins Pipeline Company is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Collins Pipeline Company qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities.

Collins Pipeline Company has committed the necessary resources to fully prepare and implement its emergency response plans and has obtained through contract the necessary private personnel and equipment to respond, to the maximum extent practicable, to a "worst case" discharge or substantial threat of such a discharge.

COMMUNICATIONS

Collins Pipeline Company utilizes its 24-hour Pipeline Control Center (1-855-887-9768) as a hub of communications in emergency response situations. The Control Center has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, and/or land-line telephone systems from Company facilities and offices.

INCIDENT COMMAND SYSTEM

Collins Pipeline Company utilizes an expandable Incident Command System. Depending upon the size and complexity of an incident, additional Company or contract personnel may be added as needed. Additional federal, state or local agencies may be integrated into the Incident Command System by utilizing a Unified Command Structure.

SPILL RESPONSE EQUIPMENT

Collins Pipeline Company employs OSROs with emergency response trailers and equipment at strategically located facilities. Trailers contain spill boom (of various types, sizes and lengths as needed in different areas), sorbent materials, boats, motors, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies.

EMERGENCY CONTACT:
1-855-887-9768

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:
Refined Products

MISSISSIPPI
COUNTIES OF OPERATION:

Covington	Marion
Lamar	Pearl River

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

OIL SPILL CONTRACTORS

Certified Oil Spill Response Organizations (OSROs) under contract by Collins Pipeline Company are USES/Fore-Front and ES&H. These OSROs can be relied upon for an appropriate level of response with spill response equipment and trained personnel.

For more information regarding Collins Pipeline Company emergency response plans and procedures, call Stephen Strebeck, Field Supervisor, at (601) 765-6593.

305 W. Waldron St.
P.O. Box 1870
Corinth, MS 38834
Phone: (662) 286-2263
Fax: (662) 286-6611
Website: www.corinthgasandwater.com

WHO IS CORINTH GAS & WATER?

We are a municipal local distribution company with 328 miles of natural gas distribution lines located inside Alcorn County, Mississippi. We serve approximately 7900 customers. Our pipelines vary in sizes from a 5/8" service line to an 8" steel high pressure gas main. The locations of our gas mains vary from cross country to along side City and County streets. Our purpose is to deliver a safe and continuous supply of natural gas to our customers.

The Corinth Gas & Water works hard to maintain the integrity of our pipeline system and keep them safe from threats. If you observe any unusual or suspicious activity near our pipeline facilities or in the unlikely event an emergency occurs, please call us at any time using the number listed in this document.

WHAT ARE THE SIGNS OF A NATURAL GAS PIPELINE LEAK?

- Hear a blowing or hissing sound
- Smell an odor similar to rotten eggs
- See dust blowing from a hole in the ground
- Continuous bubbling in wet or flooded areas
- Gaseous or hydrocarbon odor
- Dead or discolored vegetation in a green area
- Flames, if a leak has ignited

WHAT SHOULD I DO IF I SUSPECT A PIPELINE LEAK?

Your personal safety should be your first concern:

- Evacuate the area and prevent anyone from entering
- Abandon any equipment being used near the area
- Avoid any open flames
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers, 2-way radios)
- Do not start/turn off motor vehicles/ electrical equipment
- Call 911 or contact local fire or law enforcement
- Notify the Corinth Gas & Water
- Do not attempt to extinguish a natural gas fire
- Do not attempt to operate any pipeline valves

PIPELINE SAFETY

System failures occur frequently due to 3rd party damages. To help prevent 3rd party damages we are members of Mississippi 811 and Tennessee 811. We strongly encourage those who are going to dig to please call 811 "Call before you dig" hotline to allow pipeline companies and owners of other buried utilities a chance to mark the underground facilities in the area before digging begins.

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

EMERGENCY CONTACT:
1-662-286-2263

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Alcorn

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

PIPELINE LOCATION AND MARKERS

Pipeline markers are used to indicate the approximate location of a buried natural gas pipeline and to provide contact information. Markers should never be removed or relocated by anyone other than a CG&W employee.

Denbury
An ExxonMobil Subsidiary

P.O. Box 2220
Houston, TX 75252-2220
Website: www.exxonmobilpipeline.com

COMPANY PROFILE

Denbury is a wholly-owned subsidiary of ExxonMobil with operations and assets focused on Carbon Capture, Use and Storage (CCUS) and Enhanced Oil Recovery (EOR) in the Gulf Coast and Rocky Mountain regions. For over two decades, the Company has maintained a unique strategic focus on utilizing CO_2 in its EOR operations and since 2012 has also been active in CCUS through the injection of captured industrial-sourced CO_2.

Denbury is comprised of approximately 1,346 miles of CO_2 and Natural Gas pipelines in Mississippi, Louisiana, Texas, Wyoming, Montana, and North Dakota. For more information about Denbury, visit www.denbury.com.

COMMITMENT TO SAFETY, HEALTH AND ENVIRONMENT

Denbury has a strong commitment to professionalism, protection of the environment, the health and safety of our employees and the communities where we operate. This commitment is a primary responsibility that guides our business and extends throughout Denbury from our management to our employees. More than simply saying that we strive to "do the right thing", we believe that it is our corporate responsibility to show our commitment through the work that we do and the people that do it – day, after day, after day.

PIPELINE INTEGRITY

We follow a comprehensive integrity management system that requires compliance with all applicable laws and regulations and systematic identification and management of safety, health and environmental risks. We regularly test and maintain our pipelines using cleaning devices, diagnostic tools and cathodic protection to detect and prevent corrosion.

We patrol our pipeline routes using ground and air surveillance and closely monitor our operations through a 24-hour control center. Our control center includes sophisticated computers, alarms and other technologies used to monitor and control our pipeline systems and enables us to implement immediate protective measures should a leak be detected.

HOW YOU CAN HELP KEEP PIPELINE SAFE

- Keep the rights of way near or on your property clear of any kind of obstruction. Property owners should not dig, build, store or place or plant anything on the right of way. Pipeline rights of way must be kept free of structures and other obstructions in order to provide us access to the pipeline for maintenance, assessments, as well as in the event of an emergency.
- Before beginning work on any excavation project, especially those near a pipeline (marked by a pipeline marker), call 811 -- the national one-call number -- or your state's One Call System. Every digging job requires a call -- even small projects like planting trees or shrubs. It is for your safety and that of the public. It is a free call-- and it is the law! You can find

EMERGENCY CONTACT:
1-888-651-7647

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Carbon Dioxide	1013	120
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Adams	Madison
Amite	Pike
Copiah	Rankin
Franklin	Simpson
Issaquena	Smith
Jasper	Warren
Jones	Wayne
Lincoln	Yazoo

LOUISIANA
PARISHES OF OPERATION:

Acadia	Livingston
Allen	Madison
Ascension	Pointe Coupee
Calcasieu	Richland
East Baton Rouge	St. Helena
Iberville	St. Landry
Jefferson Davis	West Baton Rouge

MONTANA
COUNTIES OF OPERATION:

Powder River	Fallon
Carter	

NORTH DAKOTA
COUNTIES OF OPERATION

Bowman	Slope

TEXAS
COUNTIES OF OPERATION:

Brazoria	Harris
Chambers	Jefferson
Galveston	Orange

WYOMING
COUNTIES OF OPERATION:

Campbell	Natrona
Fremont	Sublette
Johnson	

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

out more about pipelines operating in your area from the National Pipeline Mapping System - www.npms.phmsa.dot.gov.

- Report any unusual sounds, smells or suspicious activity to our 24-hour emergency number, 1-888-651-7647. You can call us at any time with your concerns.

SIGNS OF A LEAK

Petroleum pipelines carry both gaseous and liquid materials that can burn or explode if exposed to a spark or other ignition source. Many liquids form gaseous vapor clouds when released into the air. Pipelines may contain colorless and odorless products. Some pipeline gases are lighter than air and will rise. Others are heavier than air and will stay near the ground, collecting in low spots. Any pipeline leak is potentially dangerous.

Markers that indicate the location of pipelines may include warning signs, aerial patrol markers, casing vents and painted metal, and wooden or plastic posts.

By sight:

- Liquid or frozen ground near a pipeline right-of-way
- Water bubbling or being blown into the air
- Discolored or abnormally dry soil
- Rainbow or oily sheen on water surfaces
- A fire or explosion
- Dense white cloud or fog
- Discolored vegetation

By sound:

- Unusual noises, such as hissing or roaring

By smell:

- Unusual petroleum, chemical or sulfuric “rotten egg” smell

IF YOU SUSPECT A PIPELINE IS LEAKING

- Immediately leave the area and move upwind from the suspected release.
- Do not touch, breathe or make contact with the suspect liquid.
- Do not use a lighter or match, start an engine, use a mobile phone or light switch, or do anything that might create a spark.
- Do not drive into a release or its associated vapors.
- From a safe location: First call 911.
- Then call Denbury Pipeline’s emergency number: 1-888-651-7647.
- Do not attempt to operate any pipeline valves or other equipment, as this could make the situation worse.

EMERGENCY RESPONSE

At Denbury, we work hard to prevent a pipeline incident, but in the unlikely event of a pipeline emergency, we are prepared to respond quickly. We regularly communicate, plan and drill with your local emergency personnel, such as fire and police departments, to ensure our response to an incident is well-coordinated and effective.
To request a copy of an emergency response plan, please contact us at public.awareness@exxonmobil.com.

CONTACTS

Contact list subject to change. In case of emergency or suspected pipeline incident, always call the 24-Hour Emergency Hotline: (888) 651-7647 and 911

Denbury Control Center
5851 Legacy Circle
Suite 1200
Plano, TX 75024
24 Hour Emergency Hotline:
(888) 651-7647
Non-Emergency Hotline:
(888) 804-4788

Public & Stakeholder Engagement Advisor
Mindy Green
Phone: (888) 804-4788
Email: mindy.green@exxonmobil.com

Southeast Supply Header

1300 Main St.
Houston, TX 77002
Phone: (713) 989-7000
Website: www.energytransfer.com

Energy Transfer, a Texas-based energy company founded in 1996 as a small intrastate natural gas pipeline company, is now one of the largest and most diversified master limited partnerships in the United States.

Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

The **Enable** system consists of approximately 10,000 miles of pipeline that transports crude oil, natural gas, and natural gas liquids throughout the nation's Mid-Continent and Gulf Coast regions.

The **Southeast Supply Header (SESH)** is a joint venture between Energy Transfer and Enbridge Inc. The 290-mile transmission pipeline transports natural gas from the Perryville Hub in northern Louisiana to electrical power generation facilities in Mississippi and Alabama, and to interconnecting pipelines serving major markets along the eastern U.S. It terminates in southern Alabama where it connects into the Gulfstream Natural Gas System that supports the Florida power market.

EMERGENCY CONTACTS:
Enable Gas Transmission
1-800-474-1954
Southeast Supply Header
1-866-977-7374

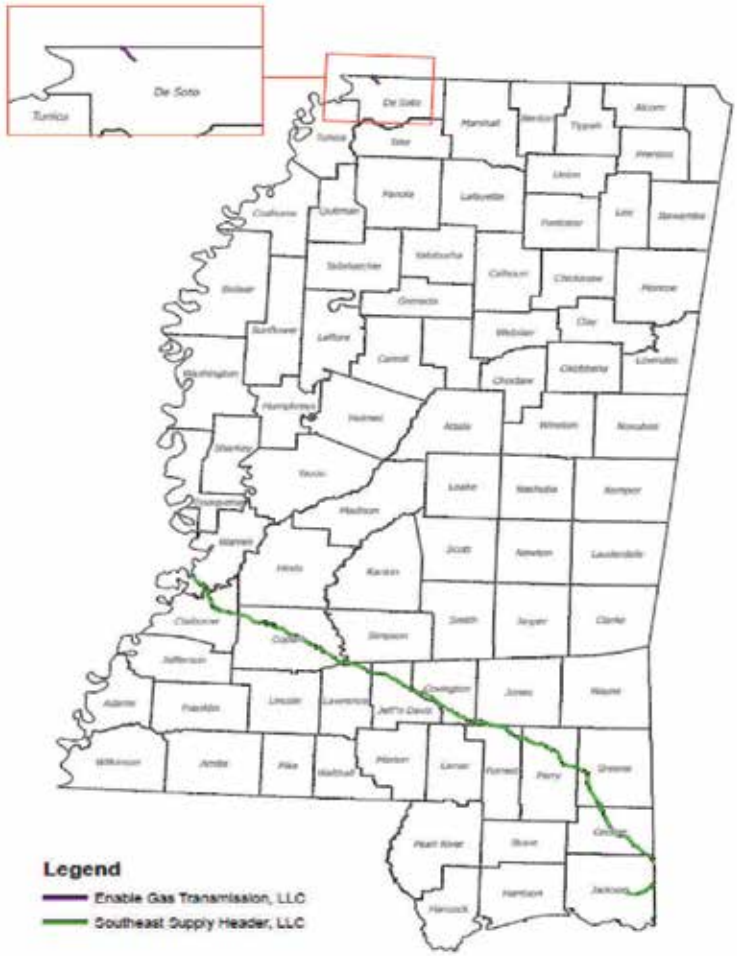
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Claiborne	Jackson
Copiah	Jefferson Davis
Covington	Jones
DeSoto	Lawrence
Forrest	Perry
George	Warren
Greene	

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



For more information about local operations of **Enable** please contact us:

DeSoto county:
Brandon Byrd
Operations Manager
870-769-2286 (w), 870-631-1026 (m)
brandon.byrd@energytransfer.com

For more information about local operations of Southeast Supply Header please contact us:

Claiborne, Copiah, Covington, Forrest, George, Greene, Jackson, Jefferson Davis, Jones, Lawrence, Perry and Warren counties:
Wayne Carpenter
Operations Manager
601-806-6036 (w), 601-455-3817 (m)
wayne.carpenter@energytransfer.com

1300 Main St.
Houston, Texas 77002
Phone: (713) 989-7000
Website: www.energytransfer.com

Energy Transfer, a Texas-based energy company founded in 1996 as a small intrastate natural gas pipeline company, is now one of the largest and most diversified master limited partnerships in the United States.

Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

Energy Transfer Crude Oil (ETCO) is an approximately 750-mile pipeline system that transports crude oil from the Midwest U.S. to a terminal in Nederland, Texas.

For more information about local operations of **ETCO**, please contact us:

Bolivar, Quitman, Sunflower, Tallahatchie and Washington counties:
Ricky Duncan
Operations Manager
318-822-3360 (w), 318-348-5691 (m)
ricky.duncan@energytransfer.com

DeSoto, Marshall, Panola and Tate counties:
Russell Poe
Operations Manager
731-777-3950 (w), 731-676-1694 (m)
russell.poe@energytransfer.com

EMERGENCY CONTACT:
1-800-753-5531

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128

MISSISSIPPI
COUNTIES OF OPERATION:

Bolivar	Sunflower
DeSoto	Tallahatchie
Marshall	Tate
Panola	Washington
Quitman	

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

ENMARK ENERGY, INC.

Headquarters:
104 First Choice Drive
Madison, MS 39110
1-800-841-0977

Emergency Contacts:
Connell Rader: 601-540-5204
Jeff Tharpe: 601-540-7278
Donnie Taylor: 601-551-6497
Blainne Martin: 662-406-9323

ENMARK ENERGY, INC.

Enmark Energy, Inc. was established in 1989 and is an independently owned operator providing various pipeline services. Our capabilities include the design, operations and maintenance, and inspection of pipelines and related facilities during construction. Enmark Energy, Inc. follows mandatory regulatory guidelines as well as proven industry standards for these systems to ensure that the public, the client, and the environment are safeguarded and protected. Enmark Energy, Inc. currently operates natural gas and carbon dioxide pipeline systems. Enmark Energy, Inc. operates pipelines in the states of Arkansas, Louisiana, Mississippi, Texas and West Virginia. Enmark Energy operates carbon dioxide pipelines in Madison and Rankin counties in the state of Mississippi. It operates natural gas pipelines in all other counties and states. Please contact Enmark Energy for additional information concerning Enmark Energy's pipelines operated in your area.

For more information you may contact us by mail or call us toll free:

Enmark Energy, Inc.
104 First Choice Drive Suite A
Madison, Mississippi 39110
Or telephone us at: 1-800-841-0977

Our website: www.enmarkenergy.com

COMMITMENT TO PIPELINE SAFETY IS OUR PRIORITY

Enmark Energy, Inc. is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Enmark Energy's personnel are qualified and trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities. Enmark Energy, Inc prepares emergency response plans and has committed the necessary resources to implement those response plans ready to respond to any situation.

COMMUNICATIONS

In case of an emergency involving our pipelines call **1-800-841-0977**, and press 0.

HOW TO RECOGNIZE & REPORT PIPELINE EMERGENCIES

Please contact us or the company whose facilities are involved if you detect any of the following:

1. Gas escaping from the pipeline: This may be detected by:
   A. The hissing sound of gas escaping, or
   B. Gas bubbling to the surface of streams, ponds or marshy areas, or
   C. An unexplained area of dead vegetation on the right-of-way, or
   D. If the pipeline is odorized you may smell natural gas odorant.
2. Fire or explosion involving or in the vicinity of a pipeline right-of-way or other pipeline facilities.
3. Natural disaster involving any pipeline facilities.
4. Unauthorized digging, drilling or construction on a pipeline right-of-way.

Steps you should take in the event of a pipeline release:

1. Evacuate the area immediately.
2. Call the appropriate authority or 911
3. Stay away and warn others to do the same until help arrives.

Enmark Energy, Inc. takes a variety of measures to prevent emergencies. We anticipate emergencies and we need you to do your part in helping us protect you.

BEFORE YOU EXCAVATE

- Call before you dig
- Wait the required time
- Respect the marks
- Dig with care.

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

PRODUCTS TRANSPORTED IN YOUR AREA:

Product: Natural Gas*

Leak Type: Gas (*May not be odorized)

Characteristics:
Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.

EMERGENCY CONTACT:
1-800-841-0977

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

(1) Carbon Dioxide	1013	120
(2) Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Hinds (2)
Madison (1)
Rankin (1)
Washington (2)
Yazoo (2)

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

Health Hazards:
Will be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.

Product: CO2

Leak Type: Gas

Characteristics:
A slightly toxic, odorless, colorless gas with a slightly pungent, acid taste. This material is non-combustible.

Health Hazards:
High pressure and Immediate asphysiation results from a concentration of 30% or more CO2 in air.

Pipeline Markers

1100 Louisiana
Houston, TX 77002
Public Awareness: 1-888-806-8152
Email: publicawareness@eprod.com
Website: www.enterpriseproducts.com

COMPANY INFORMATION, ASSETS & PRODUCTS TRANSPORTED

Enterprise Products Partners L.P. is a leading North American provider of midstream energy services to producers and consumers of natural gas, Natural Gas Liquids (NGL), crude oil, refined products and petrochemicals. Enterprise transports natural gas, NGLs, petrochemicals and crude oil through a network of pipelines throughout the United States.

Our NGL pipelines transport mixed NGLs and other hydrocarbons from natural gas processing facilities, refineries and import terminals to fractionation plants, petrochemical plants, export facilities and refineries.

We also transport Highly Volatile Liquids (HVL), Refined Products, Crude Oil and Natural Gas products.

For additional information about Enterprise, visit www.enterpriseproducts.com.

LOCATING ENTERPRISE PIPELINES – PIPELINE VIEWER TOOL

To find more information regarding location and products transported in our pipelines within one (1) mile of a specific address, visit our website at: www.enterpriseproducts.com/pipelineviewer. Please note the asset map and pipeline viewer tool are for informational purposes only.

You can also find out where other companies' pipelines are in your area by going to the National Pipeline Mapping System website at www.npms.phmsa.dot.gov.

EMERGENCY RESPONSE PLAN

An Emergency Response Plan is developed for each pipeline facility to contain, control and mitigate the various types of emergency conditions/ situations that could occur at one of our facilities. For more information regarding Enterprise Products emergency response plans and procedures, contact us at publicawareness@eprod.com.

EMERGENCY RESPONSE CAPABILITIES

The Company's qualified personnel are trained in safe operations and emergency response activities and participate in exercises reflecting various types of emergency scenarios and environmental sensitivities. The Company utilizes the First Responder/ Emergency Response Team concept to handle emergency incidents at its facilities. Employees receive hands on training in fire fighting, hazardous material spill response and rescue/ medical/first aid training. In addition, we maintain a well trained team of employees from various Company locations as members of the Corporate Emergency Organization. This team, as well as an array of emergency response equipment (including, but not limited to, cell phones, fire extinguisher, supplied breathing air, and air monitoring equipment), can be mobilized and deployed to assist in handling emergency situations that may occur at a Company facility or pipeline location.

Enterprise Products utilizes its 24-hour/365 day a year, Pipeline Operations Control Center (888-883-6308) as a hub of communications in emergency response situations. Our manned control center monitors the flow, pressure, temperatures, and other conditions throughout the pipeline systems and is an integral part of our communication during emergency situations.

ENTERPRISE PRODUCTS' RESPONSE IN AN EMERGENCY

- We will immediately dispatch personnel to help handle the emergency at the site.
- We will provide information to public safety officials to aid in their response to the emergency.
- We will take necessary operating actions such as closing and opening valves to minimize the impact of the leak.

EMERGENCY CONTACT:
1-888-883-6308

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Ethane	1035	115
Liquid Petroleum Gas	1075	115
Propane	1075	115

MISSISSIPPI
COUNTIES OF OPERATION:

Clarke	Jones
Forrest	Lamar
Hancock	Marion
Harrison	Walthall
Jackson	Wayne

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

- Public safety personnel and others unfamiliar with the pipeline should not attempt to operate any of the valves on the pipeline, unless instructed to do so by Enterprise Products personnel. Improper operation of the pipeline valves could make the situation worse and cause other accidents to happen.

INCIDENT COMMAND SYSTEM

Enterprise Products utilizes an expandable Incident Command System. Depending upon the size and complexity of an incident, additional Company or contract personnel may be added as needed. Additional federal, state or local agencies may be integrated into the Incident Command System by utilizing a Unified Command Structure.

SPILL RESPONSE EQUIPMENT CAPABILITIES

We maintain emergency response equipment at some of our facilities. We also have agreements with various oil spill response organizations to provide the appropriate level of response with spill response equipment including trailers containing spill booms, sorbent materials, boats, motors, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies. These companies also have expert personnel trained in emergency response and cleanup methods.

CONTACTS

Joshua Mauldin
1275 US Highway 11 North
Petal, MS 39465
Cell: (601) 447-8771
Email: jmauldin@eprod.com

Walter L. Rouse
1285 Leeville Rd
Petal,MS-39465
Cell: (601) 402-1955
Email: wlrouse@eprod.com

1300 Main St.
Houston, Texas 77002
Phone: (713) 989-7000
Website: www.energytransfer.com

FAYETTEVILLE EXPRESS PIPELINE LLC

Energy Transfer, a Texas-based energy company founded in 1996 as a small intrastate natural gas pipeline company, is now one of the largest and most diversified master limited partnerships in the United States.

Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

Fayetteville Express Pipeline is an approximately 185-mile natural gas pipeline system in the Fayetteville Shale in Arkansas and connects to pipelines serving the Midwest and Northeast. The 42-inch pipeline originates in Conway County, Arkansas and continues eastward through White County, Arkansas into Panola County, Mississippi. Fayetteville Express is a joint venture with Kinder Morgan and is operated by Energy Transfer.

For more information about local operations of **Fayetteville Express Pipeline**, please contact us:

Coahoma, Panola and Quitman counties:
Russell Poe
Operations Manager
731-777-3950 (w), 731-676-1694 (m)
russell.poe@energytransfer.com

EMERGENCY CONTACT:
1-888-844-8030

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Coahoma
Panola
Quitman

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

Florida Gas Transmission Company
An Energy Transfer/Kinder Morgan Affiliate

1300 Main St.
Houston, Texas 77002
Phone: (713) 989-7000
Website: www.energytransfer.com

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Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

Florida Gas Transmission is an approximately 5,400-mile natural gas pipeline system with extensive access to diverse natural gas supply sources to serve the rapidly growing Florida peninsula. The Florida customer base includes electric utilities, independent power producers, industrial end-users and local distribution companies. Florida Gas is a joint venture with Kinder Morgan and is operated by Energy Transfer.

For more information about **Florida Gas Transmission**, please contact us:

Forrest, George, Greene, Pearl River, Perry and Stone counties:
Rick Svendsen
Operations Manager
850-350-5008 (w), 281-414-9097 (m)
rick.svendsen@energytransfer.com

EMERGENCY CONTACT:
1-800-238-5066

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Forrest	Pearl River
George	Perry
Greene	Stone

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

Website: www.genesisenergy.com

genesisenergy

INTRODUCTION TO GENESIS ENERGY, L.P.

Genesis Energy, L.P. operates pipelines in your area. These pipelines transport crude oil and CO2. Our top priorities are the safety of people and the protection of the environment. Our company is committed to safe operations of its assets by maintaining high standards in safety including enhancing public safety and environmental protection through the company's Public Awareness Program.

If you have additional questions or comments on pipeline safety, the State One Call laws or general questions about Genesis Energy, L.P., please call the company's Public Awareness Specialist at (713) 860-2786 or Brian Mangum at (601) 319-7007.

SYSTEM OVERVIEW

Below you will find a list of counties where Genesis Energy, L.P. currently operates assets. Please familiarize yourself with the facilities that are applicable to your county of jurisdiction. Each facility with storage capacity and the county where it is located is listed below. In addition, please also familiarize yourself with the attached LEPC map applicable to your county for an overview of the pipeline system that is attached to these facilities.

Assets in Mississippi:
Amite, Lincoln, Lawrence, Jefferson Davis, Simpson, Covington, Jones, Rankin, Smith, Jasper, Wayne

IN THE UNLIKELY EVENT OF AN EMERGENCY

Emergency Definition:
An emergency condition exists if any of the following or combination of the following events occurs on a pipeline:

- Fire, explosion or a natural disaster on or near a pipeline facility;
- Accidental release of hazardous vapors and/or liquids from a pipeline;
- Operational failure causing a hazardous condition.

COURSE OF ACTION:

If an emergency occurs, personnel are sent to the location as soon as possible and there are operations that may be completed remotely by our Pipeline Control Center located in Houston, TX. Our personnel are trained to recognize dangers and respond appropriately to minimize hazards of a potential emergency on the pipeline. Personnel may use Lower Explosive Limit (LEL) meters and other monitoring devices to determine the atmospheric conditions. We have included MSDS information specific to the pipelines located in your county.

In the event of an emergency, familiarizing yourself with this information may be beneficial.

EMERGENCY RESPONSE PLANS

For a paper copy or more information, please contact the Public Awareness Specialist at (713) 860-2786.

EMERGENCY OFFICIAL AGENCY RESPONSE RESOURCES AND CAPABILITIES

In order to fully understand your response capabilities, please fill out the Emergency Responder Capability Survey.

PIPELINE AND PIPELINE PRODUCT INFORMATION

Please familiarize yourself with the MSDS (s) applicable to your county attached to this guideline.

PIPELINE MAPS

Please see the attached LEPC maps applicable to your county. You can also access the National Pipeline Mapping System ("NPMS") website for access to all registered pipeline systems. This website can be accessed at www.npms.phmsa.dot.gov/.

EMERGENCY CONTACT:
1-800-806-5463

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Crude Oil	1267	128
Carbon Dioxide	1913	120

MISSISSIPPI
COUNTIES OF OPERATION:

Amite	Lincoln
Covington	Rankin
Jasper	Simpson
Jefferson Davis	Smith
Jones	Wayne
Lawrence	

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

EMERGENCY RESPONSE TIPS:

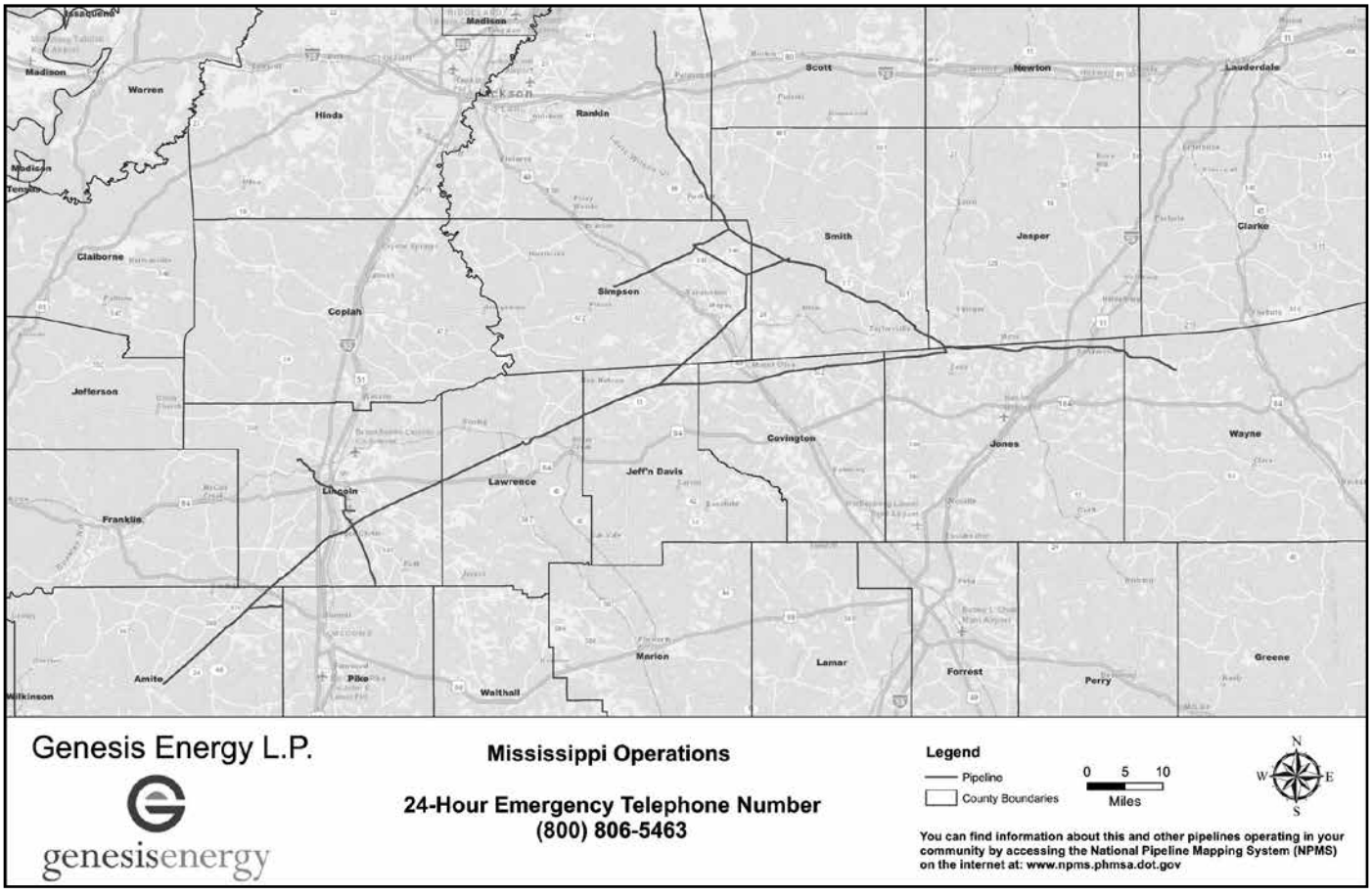
1. Validate an emergency phone call by returning the call promptly.
2. Call the Pipeline Control Center at (800) 806-5463 in the event of an emergency on a Genesis Energy, L.P. pipeline. This phone number is manned 24 hours per day, 7 days per week.
3. Upon determination of wind direction, remain upwind and uphill at all times.
4. Never attempt to operate or close any valves attached to the pipeline system. Genesis Energy, L.P. employees are trained to operate the valves in the event of an emergency.
5. Do not walk or drive into a vapor cloud or puddles of liquids.

6. Park vehicles a safe distance upwind from the vapor cloud or fire.
7. Turn off engines. **If the engine or your vehicle stops unexpectedly, do not attempt to restart it. Ignition can result in immediate explosion, resulting in injury or death.
8. The presence of a rotten egg odor may be an indicator of Hydrogen Sulfide (H2S). **If a victim is believed to be overtaken by H2S, an attempt to rescue without a monitor and air-pack could result in injury or death to a non-equipped rescuer.
9. Evacuate and barricade spill area and remain at an upwind, uphill, upstream location.
10. Eliminate ignitions sources.

    Examples of ignition sources include:
    - Engines
    - Electric Motors
    - Pilot Lights
    - Burn Barrels
    - Smoking Materials
11. Maintain contact with the Genesis Pipeline Control Center operator until Genesis personnel arrive on scene.
12. If a railroad passes through the incident location, you may need to contact the railroad and request that they stop rail movement until notified that the area is safe.
13. Determine if the vapor cloud is moving or expanding in size. Vapors will tend to collect in low areas.
14. Do not attempt to ignite the vapor cloud.

CONCLUSION

Your safety, the safety of our communities and the safety of the environment are our highest priorities. If you have any questions about the information included in this guidebook or would like a free safety presentation regarding pipeline safety, please contact the Public Awareness Specialist at (713) 860-2786 or Brian Mangum at (601) 319-7007.



Rob Magee
Phone: 601-862-9262

Greenleaf CO_2 Solutions, LLC

West Yellow Creek Pipeline
Eucutta Pipeline
Hiwannee Pipeline

ABOUT GREENLEAF CO_2 SOLUTIONS, LLC

Greenleaf CO2 Solutions, LLC (Greenleaf) operates gathering & transmission pipelines in Mississippi. These pipelines transport carbon dioxide and natural gas in Clarke, Jasper, and Wayne counties.

Greenleaf is committed to operational procedures and policies that meet or exceed current environmental regulations and policies. Our corporate policy is centered on compliance and spill prevention as our primary objective. We have established a proactive culture versus reactive culture as it relates to environmental compliance in general, and spill prevention, specifically.

WHAT DOES GREENLEAF DO IF A LEAK OCCURS?

Greenleaf employs tiered approach when responding to emergencies. Our employees and oil spill response contractors utilize the National Interagency Incident Management System (NIIMS) Incident Command System (ICS) to manage emergency response activities. The NIIMS-ICS is a management tool that is readily adaptable to incidents ranging from small to large. Greenleaf will use NIIMS-ICS for all incidents.

The Greenleaf Tier I, Tier II, and Tier III positions are filled by either qualified personnel from within the company or contractor personnel depending on size and location. These select company personnel carry out their assigned team duties in addition to their normal jobs. In the event these personnel are mobilized to an emergency, their response duties will supersede normal responsibilities.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Greenleaf invests significant time and capital maintaining the quality and integrity of their pipeline systems. Greenleaf also utilizes aerial surveillance and/or 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.

HOW TO GET ADDITIONAL INFORMATION

For more information about Greenleaf CO_2 Solutions, LLC contact us at 800-969-2940.

EMERGENCY CONTACT:
1-800-969-2940

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Carbon Dioxide	1013	120
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Clarke
Jasper
Wayne

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

PRODUCTS TRANSPORTED

Product: Carbon Dioxide

Leak Type: Gas

Vapors: Vapors from liquefied gas are initially heavier than air and spread along ground.

Health Hazards: Product is a simple asphyxiant and non-flammable. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.

Product: Natural Gas

Leak Type: Gas

Vapors: Natural Gas is colorless, odorless, tasteless, and extremely flammable. If trace amounts of sulfur compounds are added as odorant, the gas has a garlic/rotten-egg/skunk odor.

Health Hazards: Route of exposure: inhalation - can displace oxygen in the air and cause symptoms of oxygen deprivation (asphyxiation), including unconsciousness.

GULF SOUTH® PIPELINE
A subsidiary of Boardwalk Pipelines, LP

1-800-850-0051

9 Greenway Plaza, Suite 2800
Houston, Texas 77046
Phone: 713-479-8000
Email: publicawareness@bwpipelines.com
Website: www.GulfSouthPL.com

OVERVIEW

Gulf South Pipeline Company, LLC (Gulf South) transports natural gas directly from supply areas in Oklahoma, Texas, Louisiana, Mississippi, and the Gulf of Mexico, and indirectly from the Appalachian Region. Such supply is transported to markets throughout the South Central and Southeastern United States. Through the Gulf Crossing Zone, Gulf South is capable of transporting natural gas from supply sources in North Texas and Oklahoma to the Perryville Exchange, markets between Tallulah, Mississippi, and Transco Station 85, and other third-party pipelines.

COMMITMENT TO SAFETY, HEALTH & THE ENVIRONMENT

Gulf South is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Gulf South's qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities. Gulf South has committed the necessary resources to fully prepare and implement its emergency response plans.

COMMUNICATIONS

Gulf South utilizes its 24-hour Pipeline Control Room (1-800-850-0051) as a hub of communications in emergency response situations.

The Control Room has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, portable radios, satellite phones and/or land-line telephone systems from company facilities and offices.

PIPELINE LOCATION AND MARKERS

The purpose of a pipeline marker is to identify a pipeline right-of-way and to provide information about Gulf South's pipelines including operator name; phone numbers, in case of a possible emergency; and the product inside. Markers indicate the general, not exact, location of a pipeline and do not necessarily follow a straight course between two markers. Never rely solely on the presence or absence of pipeline markers - someone may have moved or removed the marker.

For additional information that is available for emergency responders, please see the PIMMA link on the National Pipeline Mapping System's website: npms.phmsa.dot.gov.

EMERGENCY CONTACT:
1-800-850-0051

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Attala	Lauderdale
Clarke	Lawrence
Copiah	Leake
Covington	Lincoln
Forrest	Madison
George	Marion
Greene	Pearl River
Hancock	Perry
Harrison	Pike
Hinds	Rankin
Jackson	Simpson
Jasper	Smith
Jefferson Davis	Stone
Jones	Walthall
Kemper	Warren
Lamar	Wayne

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

IN CASE OF AN EMERGENCY

Emergency preparedness and planning measures are in place at Gulf South in case a pipeline incident occurs. Gulf South also works closely with local emergency response organizations to educate them regarding our pipelines and how to respond in the unlikely event of an emergency.

Should an emergency occur, Gulf South's objective is to resolve the situation quickly and safely. Two-way communication with emergency responders is critical for this resolution. Gulf South needs immediate access to the incident location in order to assess and develop a plan to resolve the situation.

Hunt Crude Oil Supply
P.O. Box 211
Gilbertown, AL 36908

Hunt Southland Refining
177 Haney Road
Heidelberg, MS 39439

PIPELINE SAFETY

HUNT operates crude oil and natural gas transmission pipelines in Clarke, Wayne, Jasper, and Jones Counties in Mississippi. Hunt is committed to the safety of the public and caring for the environment. Hunt pipelines are closely monitored through a combination of systems and safety programs. These include frequent inspections by foot, vehicle, or air. In addition, both federal and state pipeline inspectors evaluate whether Hunt is being diligent in meeting all applicable regulatory requirements, conducting proper inspections, and making necessary repairs.

SIGNS OF AN OIL RELEASE

Sight – Black/Dark Brown colored liquid. Rainbow sheen on water, or discolored vegetation near the pipeline.
Sound – An unusual bubbling sound.
Smell – A strong hydrocarbon odor.

SIGNS OF A GAS LEAK

Sight – Blowing gas, dead or dry vegetation, or bubbles in the water near the pipeline.
Sound – Whistling, hissing or roaring noise.
Smell – Natural Gas is naturally odorless.

Oil: Close contact may irritate eyes, nose, and throat. Direct contact may cause skin irritation.

Gas: Flammable, explosive mixtures may travel to an ignition source in the air. Inhaling vapors may cause dizziness, headache, loss of coordination and narcosis. Contact may cause burns or severe injury.

HELP PREVENT A PIPELINE EMERGENCY

Statistics show that dig-related damage is one of the leading causes of pipeline accidents. Though markers identify the approximate location of the pipeline, they do not reveal its exact position or depth. Notify your state One-Call System (811) at least 48 hours before digging anywhere—the call is **free and required by law**. The One-call System will then alert its members so that they can mark nearby underground facilities before you start digging.

EMERGENCY CONTACT:
251-771-6953
Hunt Crude Oil Supply
800-222-7055
Hunt Southland Refining Company

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Crude Oil	1267	128
Natural Gas	1971	115

MISSISSIPPI COUNTIES OF OPERATION:

Clarke	Jones
Jasper	Wayne

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

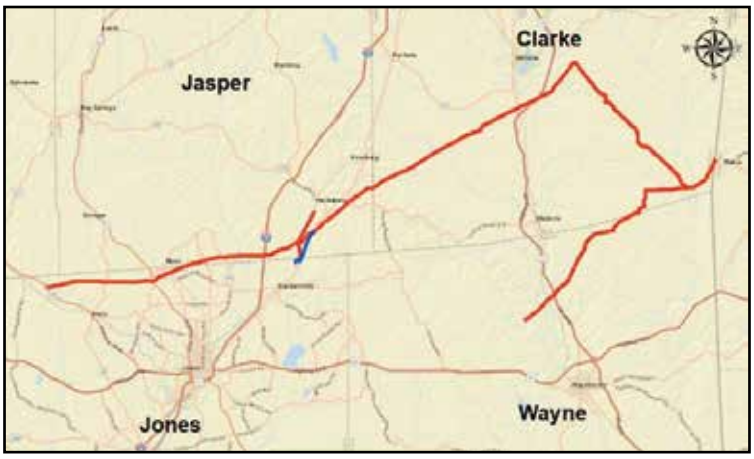
ACTIONS TO TAKE IF A LEAK OCCURS

- Leave the area immediately.
- Do not breathe or make any contact with leaking liquids.
- If possible turn off any equipment being used in or near the suspected leak. Abandon any equipment being used and move upwind from the suspected leak.
- From a safe location, call 911 and the pipeline company, giving your name, phone number, and leak description and location.
- Warn others to stay away.
- If the leak has ignited, extinguish only secondary fires.
- Please notify Hunt if you cause or notice any damage to the pipeline, no matter how small.

EMERGENCY RESPONSE PLAN

Emergency Response Plan is available for upon request. Please contact us at 251-771-6953.

To learn more about pipelines in your area visit: www.npms.phmsa.dot.gov



Red - Crude Oil Pipeline, Blue- Gas Pipeline in Mississippi

Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company

Southern Natural Gas Company, L.L.C.
a Kinder Morgan company

Midcontinent Express Pipeline, L.L.C.
a Kinder Morgan company

Corporate Headquarters
1001 Louisiana St. Suite 1000
Houston, TX 77002
Phone: 713-369-9000
www.kindermorgan.com/public_awareness

Kinder Morgan transports Natural Gas through large diameter transmission pipelines in your response area. We are committed to public safety, protection of the environment, and operation of our facilities in compliance with all applicable rules and regulations. The majority of our pipelines fall under the regulatory oversight of the U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA).

The company is proud of its safety record and follows many regulations and procedures to monitor and ensure the integrity of its pipelines.

- Pipeline operating conditions are monitored 24 hours a day, 7 days a week by personnel in control centers using a Supervisory Control and Data Acquisition (SCADA) computer system. This electronic surveillance system gathers such data as pipeline pressures, volume and flow rates and the status of pumping equipments and valves. Whenever operating conditions change, an alarm warns the operator on duty and the condition is investigated. Both automated and manual valves are strategically placed along the pipeline system to enable the pipeline to be shutdown immediately and sections to be isolated quickly, if necessary.
- Visual inspections of Kinder Morgan's pipeline right-of-way are conducted by air and/or ground on a regular basis. The right-of-way is a narrow strip of land reserved for the pipeline. Above ground marker signs are displayed along the right-of-way to alert the public and contractors to the existence of the pipeline.
- Kinder Morgan's public awareness program is designed to prevent third-party damage to its pipelines. Additionally, the company is a member of numerous "call-before-you-dig" programs or "one-call" systems across the United States, which are designed to help the public, contractors and others identify the location of pipelines before excavation or digging projects to prevent damage to pipelines and protect the public. The leading cause of pipeline accidents is third-party damage caused by various types of digging and excavation activities.
- Emergency preparedness and planning measures are in place at Kinder Morgan in the event that a pipeline incident occurs. The company also works closely with local emergency response organizations to educate them regarding our pipelines and how to respond in the unlikely event of an emergency.

CONTACTS

Donnie Coward
750 Old Hickory Blvd, Bldg 2, Ste 190
Brentwood, TN 37027
Phone: 615-221-1521
Counties: Alcorn, Benton, Calhoun, Carroll, Grenada, Lafayette, Marshall, Panola, Prentiss, Pontotoc, Quitman, Tallahatchie, Tippah, Tate, Union, Yalabousha

Guy Morgan
83, CR 37
Heidelberg, MS 39439
Phone: 601-787-2951
Counties: Attala, Clarke, Clay, Forrest, Hancock, Hinds, Holmes, Issaquena, Jackson, Jasper, Jones, Jefferson Davis, Kemper, Lauderdale, Lawrence, Lowndes, Madison, Marion, Monroe, Noxubee, Pearl River Rankin, Sharkey, Simpson, Smith, Stone, Walthall, Warren, Winston, Yazoo

Scott Tice
272 Tennessee Gas Rd
Greenville, MS 38701
Phone: 662-820-8029
Counties: Bolivar, Humphreys, Issaquena, Leflore, Sharkey, Sunflower, Washington

EMERGENCY CONTACT:
Southern Natural Gas Company, L.L.C.
1-800-252-5960
Tennessee Gas Pipeline Company, L.L.C.
1-800-231-2800
Midcontinent Express Pipeline L.L.C.
1-800-733-2490

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

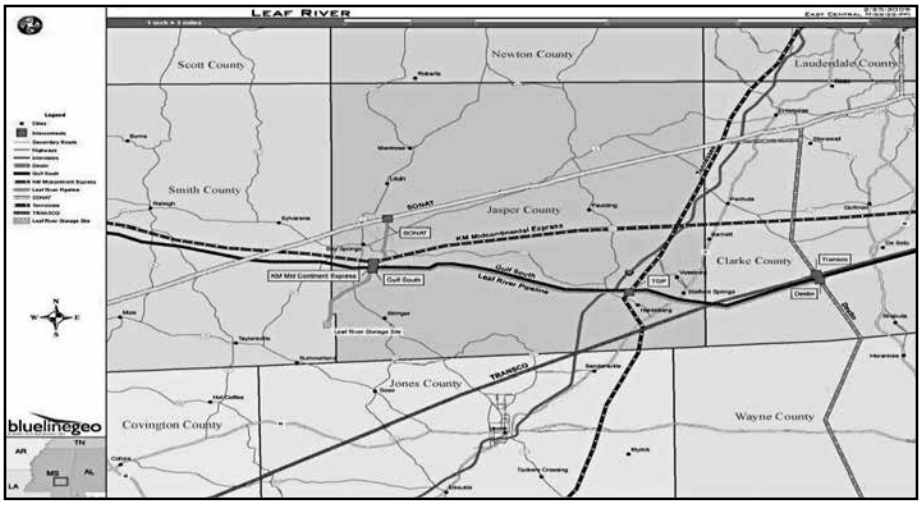
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Alcorn	Madison
Attala	Marion
Benton	Marshall
Bolivar	Monroe
Calhoun	Noxubee
Carroll	Panola
Clarke	Pearl River Rankin
Clay	Pontotoc
Forrest	Prentiss
Grenada	Quitman
Hancock	Sharkey
Hinds	Simpson
Holmes	Smith
Humphreys	Stone
Issaquena	Sunflower
Jackson	Tallahatchie
Jasper	Tate
Jones	Tippah
Jefferson Davis	Union
Kemper	Walthall
Lafayette	Warren
Lauderdale	Washington
Lawrence	Winston
Leflore	Yalabousha
Lowndes	Yazoo

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

LEAF RIVER
ENERGY CENTER LLC



EMERGENCY CONTACT:
1-866-966-5732

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Clarke
Jasper
Smith

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

Leaf River Energy Center is committed to protecting the public and the environment through the safe operation and maintenance of its gas storage and pipeline system. Leaf River's system is comprised of approximately 80 miles of lines, including a 12-mile single/dual line running north/south from our gas storage facility in Taylorsville, MS (in Smith and Jasper counties) and a 30-mile dual line running east/west from the midpoint of the north/south line, through Jasper and Clarke counties.

Leaf River operations are manned 24-hours a day, seven days a week. Our emergency number for gas leaks or other pipeline concerns is: **1-866-966-5732**.

Signs of a gas pipeline leak or rupture include:

- Dirt being blown into the air
- Bubbles in bodies of water
- Load roaring or hissing sounds
- Flames or explosions

You will not smell any odor coming from Leaf River's pipelines as gas transported in our system is not required to be odorized.

Leaf River's pipelines are identified by markers that note the type of product transported (natural gas), Leaf River's name, as pipeline operator, and emergency contact number.

The federal government provides access to maps of all transmission pipelines, including Leaf River's, 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.

In addition to 24-hour monitoring and ongoing safety and security procedures, Leaf River relies on local emergency responders to notify Leaf River when any right-of-way restriction violations or potential damage to Leaf River facilities which could endanger public safety is observed. Leaf River also supports Mississippi811's "call before you dig" program. Leaf River also relies on local emergency responders to assist in the event of an emergency regarding its storage facility or pipeline. You should refer to PHMSA's Emergency Response Guidebook at: www.phmsa.dot.gov/hazmat/library/erg for further guidance.

For information call:

Mike Martin
Leaf River Energy Center LLC
855 SCR 5
Taylorsville, MS 39168
Phone: (601) 383-3416
Cell: (601) 507-1609

Matt Walley
Leaf River Energy Center LLC
855 SCR 5
Taylorsville, MS 39168
Phone: (769) 553-0022
Cell: (601) 319-4275

Additional information can be found on the CD provided.

Mid-Valley Pipeline

1300 Main St.
Houston, TX 77002
Phone: 718-989-7000
Website: www.energytransfer.com

Energy Transfer, a Texas-based energy company founded in 1996 as a small intrastate natural gas pipeline company, is now one of the largest and most diversified master limited partnerships in the United States.

Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

Mid-Valley Pipeline is an approximately 1,000-mile pipeline designed to transport crude oil to Midwest U.S. refineries. The pipeline originates in Longview, Texas, passes through Louisiana, Arkansas, Mississippi, Tennessee, Kentucky and Ohio, before ending in Samaria, Michigan.

For more information about local pipeline operations of **Mid-Valley Pipeline**, please contact us:

Benton, Humphreys, Issaquena, Lafayette, Leflore, Marshall, Panola, Sharkey, Sunflower, Tallahatchie, Washington and Yalobusha counties:
Dominic Correro
Operations Manager
662-234-4114 (w), 662-816-8140 (m)
dominic.correro@energytransfer.com

EMERGENCY CONTACT:
1-800-753-5531

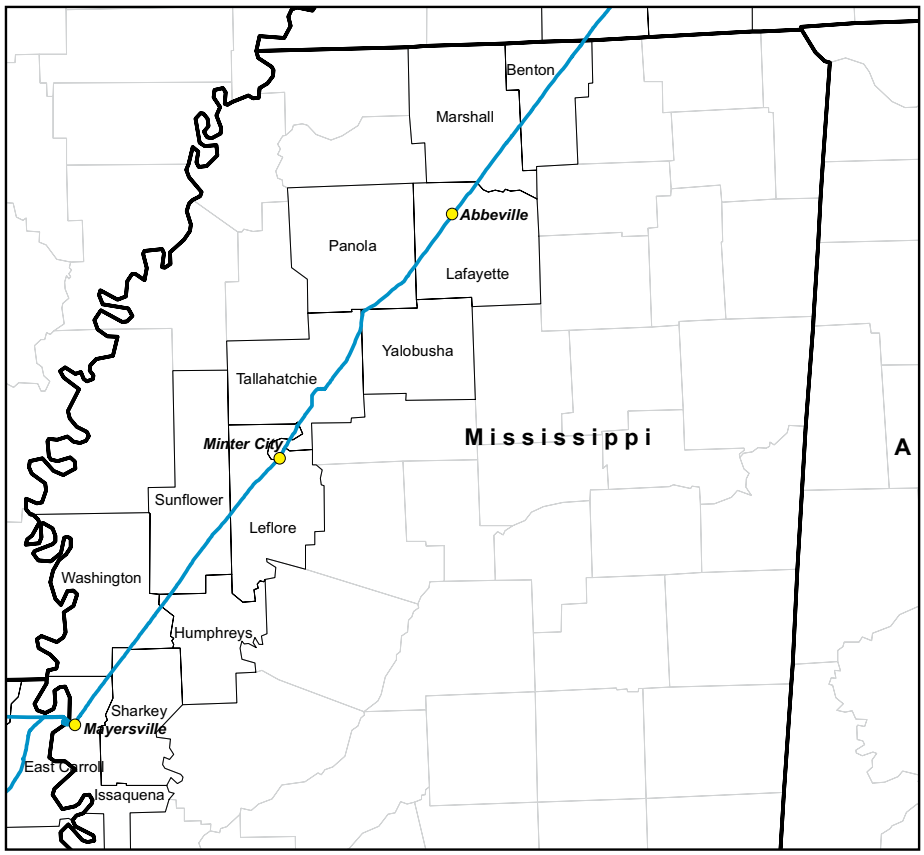
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128

MISSISSIPPI
COUNTIES OF OPERATION:

Benton	Panola
Humphreys	Sharkey
Issaquena	Sunflower
Lafayette	Tallahatchie
Leflore	Washington
Marshall	Yalobusha

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



David Merchant
Mississippi Hub, LLC
222 Highway 541 S
Mt Olive, MS 39119
Phone: (205) 712-0065

COMMITMENT

Mississippi Hub is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Mississippi Hub's qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities.

Mississippi Hub has committed the necessary resources to fully prepare and implement its emergency response plans and has obtained through contract the necessary private personnel and equipment to respond, to the maximum extent practicable, to a "worst case" discharge or substantial threat of such a discharge.

COMMUNICATIONS

Mississippi Hub utilizes its 24-hour Everline 832-437-9804 & 877-465-1788 as a hub of communications in emergency response situations. In addition, Mississippi Hub Pipeline Systems/Facility Storage also contains an emergency number (888) 307-7595. The Control Center has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, portable Motorola Radios and/or land-line telephone systems from Company facilities and offices.

INCIDENT COMMAND SYSTEM

Mississippi Hub utilizes an expandable Incident Command System. Depending upon the size and complexity of an incident, additional Company or contract personnel may be added as needed. Additional federal, state or local agencies may be integrated into the Incident Command System by utilizing a Unified Command Structure.

SPILL RESPONSE EQUIPMENT

Mississippi Hub maintains emergency response equipment at its facility. Equipment and materials include spill boom (of various types, sizes and lengths as needed in different areas), sorbent materials, boats, motors, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies.

For more information regarding Mississippi Hub, LLC emergency response plans and procedures, call David Merchant, Operations Manager, at (205) 712-0065.

EMERGENCY CONTACT:
1-888-307-7595

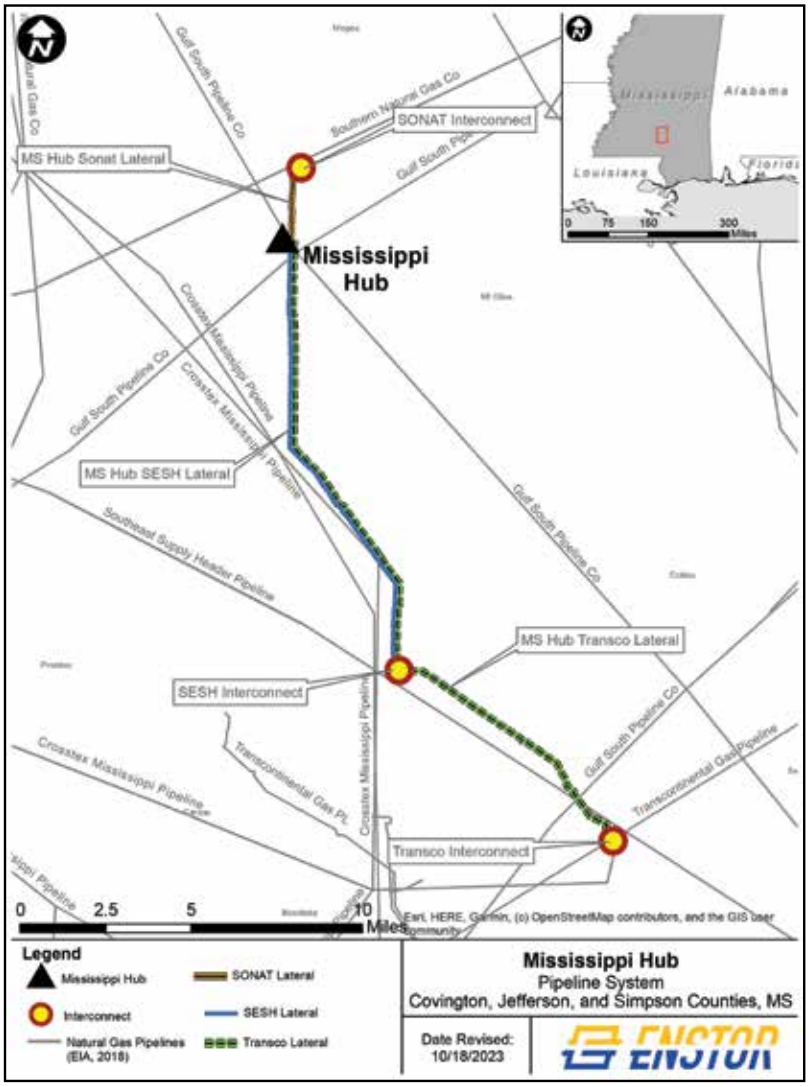
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Covington
Jefferson Davis
Simpson

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



Website: www.monroegasstorage.com

WE MAKE CLEAN ENERGY HAPPEN®

ABOUT MONROE GAS STORAGE COMPANY, LLC

Monroe Gas Storage Company is an operating depleted reservoir natural gas storage facility in Monroe County, MS, near the town of Amory. Monroe currently has approximately 12 million Dth of certificated capacity and connects to TGP's 500 Leg and TETCO Zone M-1 30.

Monroe is a FERC 7(c) certificate facility and offers a range of services including firm storage, interruptible storage, wheeling, and PALs.

WHAT DOES MONROE GAS STORAGE COMPANY, LLC DO IF A LEAK OCCURS?

To prepare for the event of a leak, pipeline companies regularly communicate, plan and train with local emergency responders. Upon the notification of an incident or leak the pipeline company will immediately dispatch trained personnel to assist emergency responders.

Pipeline operators and emergency responders are trained to protect life, property and facilities in the case of an emergency.

Pipeline operators will also take steps to minimize the amount of product that leaks out and to isolate the pipeline emergency.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Monroe Gas Storage Company, LLC invests significant time and capital maintaining the quality and integrity of their pipeline systems. Most active pipelines are monitored 24 hours a day via manned control centers. Monroe Gas Storage Company, LLC also utilizes aerial surveillance and/or 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 are sometimes 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). Specific information about Monroe Gas Storage Company, LLC's program may be found on our Web site, or by contacting us directly.

EMERGENCY CONTACT:
1-877-256-4521

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

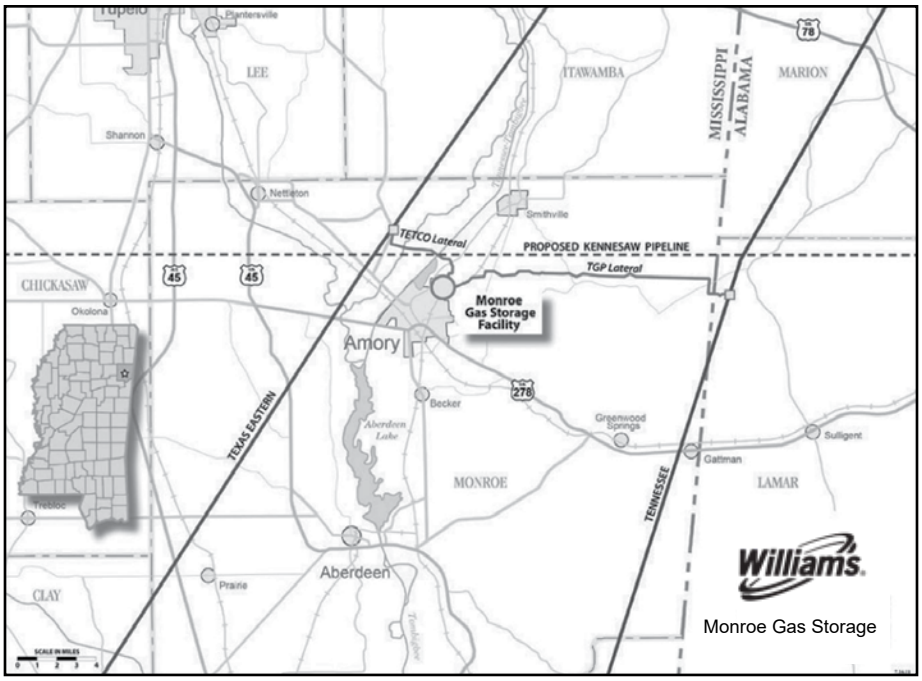
MISSISSIPPI
COUNTIES OF OPERATION:

Monroe

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

HOW TO GET ADDITIONAL INFORMATION

For an overview of Monroe Gas Storage Company, LLC, go to www.monroegasstorage.com or contact us at 877-256-4521.



6750 West Loop South, Ste 748
Bellaire, TX 77401

Founded in 1989, Petroleum Fuels Company headquartered in Bellaire, TX is one of Texas's fastest growing privately held oil and gas companies.

WHAT ARE THE SIGNS OF A NATURAL GAS PIPELINE LEAK?

- Blowing or hissing sound
- Dust blowing from a hole in the ground
- Continuous bubbling in wet or flooded areas
- Gaseous or hydrocarbon odor
- Dead or discolored vegetation in a green area
- Flames, if a leak has ignited

WHAT SHOULD I DO IF I SUSPECT A PIPELINE LEAK?

Your personal safety should be your first concern:

- Evacuate the area and prevent anyone from entering
- Abandon any equipment being used near the area
- Avoid any open flames
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers, 2-way radios)
- Do not start/turn off motor vehicles/ electrical equipment
- Call 911 or contact local fire or law enforcement
- Notify the pipeline company
- Do not attempt to extinguish a natural gas fire
- Do not attempt to operate any pipeline valves

PIPELINE SAFETY

System failures occur infrequently along the nation's network of interstate natural gas pipeline facilities, and many of these are caused by damage from others digging near the pipeline. We watch for unauthorized digging, but we request your help too.

We participate in One-Call Centers and strongly encourage those who are going to dig to call their state One-Call Center or the 811 "Call before you dig" hotline to allow pipeline companies and owners of other buried utilities a chance to mark the underground facilities in the area before digging begins.

PIPELINE LOCATION AND MARKERS

Pipeline markers (see below) like these are used to indicate the approximate location of a natural gas pipeline and to provide contact information. Aerial patrol planes also use the markers to identify the pipeline route. Markers should never be removed or relocated by anyone other than a pipeline operator.

EMERGENCY CONTACT:
1-800-275-6549

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Jasper

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

To find out where Petroleum Fuels pipelines are located in your area contact a Petroleum Fuels representative.

You can also find out where other companies' pipelines are in your area by going to the National Pipeline Mapping System website at www.npms.phmsa.dot.gov.

Headquarters
Plains Pipeline, L.P.
333 Clay St., Ste 1600
Houston, TX 77002
Website: www.plains.com

COMPANY OVERVIEW

Plains Pipeline, L.P. is engaged in the interstate and intrastate gathering, transportation, storage, and marketing of crude oil, as well as the marketing of refined products and liquefied petroleum gas (LPG). Plains is one of the largest independent midstream crude oil companies in North America, handling over 7 million barrels of crude oil per day through our extensive network of assets located in key producing basins and transportation gateways in the United States and Canada.

Plains Pipeline, L.P. own and operate regulated crude oil transmission pipelines throughout Mississippi.

COMMUNICATIONS

Plains Pipeline, L.P. utilizes its 24-hour Pipeline Control Center in Midland, Texas (1-800-708-5071) as a hub of communications in emergency response situations. The control room contains computer systems designed to continuously monitor real-time operational data, up to and including measurement of product quantities injected and delivered through the pipelines, product flow rates, and pressure and temperature variations. In the event deviations from normal flow conditions are detected, a trained pipeline controller will analyze the conditions to determine whether the abnormal conditions indicate a pipeline leak. The controller takes appropriate action based on this information.

Pump stations, storage facilities and meter measurement points along the pipeline systems are linked by telephone, microwave, satellite or radio communication systems for remote monitoring and/or control by the Pipeline Control Center. In addition, Plains utilizes cellular phones and satellite telephones for notifications and emergency response operations.

EMERGENCY RESPONSE CAPABILITY & PLAN

Plains Pipeline, L.P. has established a written emergency plan and procedures in the event of an emergency situation that will, as necessary, promptly shut down and isolate a pipeline, dispatch first responders and take measures to protect human health and the environment. Plains maintains emergency response equipment at strategically located facilities and has obtained, through contract, private emergency response resources, equipment, and/or personnel to ensure a rapid organized and safe response to any emergency situation.

Plains routinely conducts mock emergency response drills, utilizing an expandable Incident Command System, to practice emergency preparedness and procedures.

For more information regarding Plains' Emergency Response Plan and Procedures, please contact us at pipelineawareness@plains.com.

PIPELINE MAPPING

The Department of Transportation (DOT) maintains a website that allows public access to pipeline maps showing all pipelines in your county that are subject to DOT pipeline safety regulations. Go to www.npms.phmsa.dot.gov. This website also provides access to the Pipeline Integrity Management Mapping Application (PIMMA). The application contains sensitive pipeline infrastructure information that can be viewed by only those directly employed with a government agency. For mapping specific to Plains Pipeline, please contact us at pipelineawareness@plains.com.

EMERGENCY CONTACT:
1-800-708-5071

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128

MISSISSIPPI
COUNTIES OF OPERATION:

Adams	Lamar
Amite	Marion
Forrest	Perry
Franklin	Pike
George	Stone
Jackson	Walthall
Jasper	Wayne
Jones	

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

SPILL RESPONSE EQUIPMENT

Plains Pipeline, L.P. maintains emergency response equipment at strategically located facilities This equipment includes spill boom (of various types, sizes and lengths as needed in different areas) sorbent materials, boats, motors, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies. Emergency response equipment is maintained at all Plains facilities. For detailed information, please contact us at pipelineawareness@plains.com.

CONTACT

Plains Public Awareness: 800-406-7159

Southern Company

Anathea Dortch
Phone: 844-810-2398
3535 Colonnade Pkwy, Bin S-675-EC
Birmingham, AL 35243
Email: g2socopipelines@southernco.com

Southern Company Pipelines operates a 6-mile natural gas transmission pipeline in Kemper County. This 16-inch steel pipeline originates at Pumping Station Road and runs west providing fuel to Plant Ratcliffe.

As a pipeline operator, Southern Company Pipelines adheres to federal, state, and local pipeline safety regulations by performing extensive quality control checks, educating others on natural gas pipeline leak recognition and damage prevention, and working closely with emergency and public officials to develop emergency response plans.

While these measures all contribute to pipeline safety, and incidents are uncommon, the biggest threat to the safety of our pipeline remains with excavation activity. It is important that you and your excavators are well informed about excavation safety, because even the smallest pipeline damage can have severe consequences. Please do your part to ensure pipeline safety by always calling 811 before you dig!

ONE CALL REQUIREMENTS

PREPARE by using white marking to define the entire area where excavation is expected to occur and include a safety buffer when marking the area.

CALL or CLICK before you dig by dialing 811 or visiting ms811.org at least two working days before beginning excavation.

WAIT the required time, at least three working days.

CHECK your ticket status before beginning excavation by visiting the Mississippi 811 Positive Response System, ms811.org/positive-response.

RESPECT the marks by reasonably preserving locate markings and requesting remarking – free of charge – when marks are no longer visible.

EXCAVATE safely and carefully.

For more information regarding safe excavation practices, call 811 or visit ms811.org.

PIPELINE DAMAGE

If our pipeline is ever hit during excavation, even if the damage appears minor, such as a small scrape, nick or dent, it is imperative that Southern Company Pipelines be notified as soon as possible. Seemingly insignificant damage to a pipeline's protective coating can lead to severe consequences later.

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

LEAK RECOGNITION AND RESPONSE

If this natural gas pipeline is ever damaged, or if you:

- **LOOK & SEE** blowing dirt, oddly discolored vegetation or continued bubbling in standing water; or
- **LISTEN & HEAR** a hissing or roaring sound of high pressure natural gas escaping;

Do the following:

- **LEAVE** the area immediately by walking away from the damage or potential leak. Do not attempt to repair any damage yourself. Natural gas is non-toxic, lighter than air, and displaces oxygen. In severe cases, if not properly controlled, natural gas can lead to asphyxiation.
- **AVOID** using any sources of ignition, such as cigarettes, lighters and matches, motorized vehicles or even electronic devices like your cell phone, until you are a safe distance away. A single spark can ignite natural gas and create a fire or an explosion.
- **CALL 911** and our pipeline emergency number 844-357-4656 once you are a safe distance away from the area. Stay away until Southern Company Pipelines or emergency personnel indicate it is safe to return.

RATCLIFFE NATURAL GAS PIPELINE EMERGENCY: 1-844-357-4656

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Kemper

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

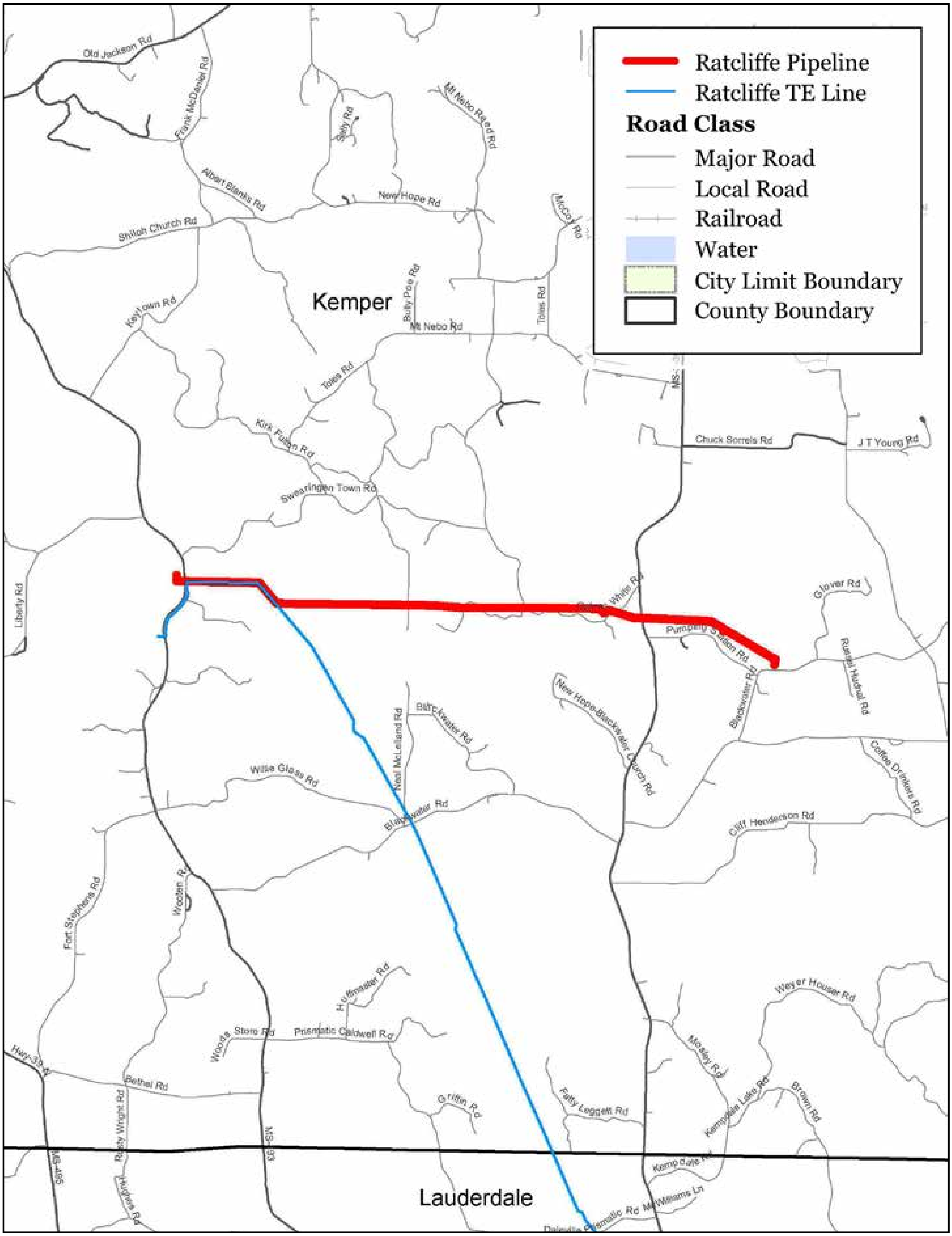
Note: This pipeline transports natural gas that is NOT ODORIZED. While any escaping gas may have slight odors from other sources, it will NOT have a pungent rotten-egg type odor. Never rely solely on your sense of smell to determine a possible leak from this pipeline. Instead, it is critical to "Look" and "Listen" for one.

IMPORTANT INFORMATION FOR EMERGENCY RESPONDERS

While natural gas incidents are uncommon, it is still important to be prepared. Should an emergency arise with or near this pipeline, please:

- Call **844-357-4656** immediately with the location and type of emergency.
- Establish a safety zone around the incident, and control access. You may need to reroute traffic and evacuate area homes and businesses.
- Avoid doing anything that might ignite leaking gas in the area – prohibit smoking and cell phone use, and don't use any mechanical equipment that could create a spark.
- Do not attempt to stop the flow of gas or repair the leak yourself.
- Do not attempt to operate any pipeline valves.

Information about transmission pipelines operating in your community is available through the National Pipeline Mapping System at **npms.phmsa.dot.gov**.


Ratcliffe Pipeline
Ratcliffe TE Line
Road Class
Major Road
Local Road
Railroad
Water
City Limit Boundary
County Boundary
Kemper
Lauderdale
Old Jackson Rd
Frank McDaniel Rd
Sally Rd
Mt Nebo Road Rd
Albert Blanks Rd
New Hope Rd
Shiloh Church Rd
Bully Poe Rd
Toles Rd
Mt Nebo Rd
Key Town Rd
Kirk Fulton Rd
Swearingen Town Rd
Chuck Sorrels Rd
J T Young Rd
Liberty Rd
Glover Rd
Pumping Station Rd
Russell Hudnal Rd
Blackwater Rd
New Hope-Blackwater Church Rd
Neal McLelland Rd
Willie Glass Rd
Coffee Drinkers Rd
Cliff Henderson Rd
Fort Stephens Rd
Wooten Rd
Huffmaster Rd
Weyer Houser Rd
Woods Store Rd
Prismatic Caldwell Rd
Hwy 39 N
Bethel Rd
Moseley Rd
Kempdale Lake Rd
Brown Rd
Griffin Rd
Fatty Leggett Rd
Rusty Wright Rd
MS-495
MS-93
Hughes Rd
Kempdale Rd
McWilliams Ln

2501 Tung Oil Road
Leakesville, MS 39451
1-800-688-6593

WE MAKE CLEAN ENERGY HAPPEN®

Southern Pines Energy Center, (SPEC) is currently an operating salt cavern natural gas storage facility located in Greene County Mississippi. SPEC has developed a unique and extensive infrastructure - including premier storage facilities - that enables it to provide safe, reliable and efficient natural gas service to its many customers.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

Southern Pines Energy Center safety policy in terms of P/L & API 1162

Southern Pines Energy Center is committed to public safety, protection of the environment, and operation of its facilities in compliance with all applicable rules and regulations. The SPEC pipelines fall under the regulatory oversight of the Office of Pipeline Safety in the U.S. Department of Transportation. The company is proud of its safety record and follows many regulations and procedures to monitor and ensure the integrity of its pipelines.

- Pipeline operating conditions are monitored 24 hours a day, 7 days a week by personnel in our Southern Pines Energy Center Control Center using a Supervisory Control and Data Acquisition (SCADA) computer system. This electronic surveillance system gathers such data as pipeline pressures, volume and flow rates, the status of compressor stations and valves. Whenever operating conditions change, an alarm warns the operator on duty and the condition is investigated. Both automated and manual valves are strategically placed along the pipeline system to enable the pipeline to be shutdown immediately and sections to be isolated quickly, if necessary.
- Visual inspections of Southern Pines Energy Center pipeline right-of-way are conducted by air and/or ground on a regular basis. The right-of-way is a narrow strip of land reserved for the pipeline. Above ground marker signs are displayed along the right-of-way to alert the public and contractors to the existence of the pipeline.
- Cathodic protection is a technology designed to protect pipelines from external corrosion through the use of an electrostatic current. The small electrical charge is applied to our pipelines, which have an external protective coating.
- Southern Pines Energy Center's public education program is designed to prevent third-party damage to its pipelines. Additionally, the company is a member of The LA One Call system, which is designed to help the public, contractors and others identify the location of pipelines before excavation or digging projects to prevent damage to pipelines and protect the public. The leading cause of pipeline accidents is third-party damage caused by various types of digging and excavation activities.
- Emergency preparedness and planning measures are in place at Southern Pines Energy Center in the event that a pipeline incident occurs. The company also works closely with local emergency response organizations to educate them regarding our pipelines and how to respond in the unlikely event of an emergency.

EMERGENCY CONTACT:
1-800-688-6593 (Toll Free)

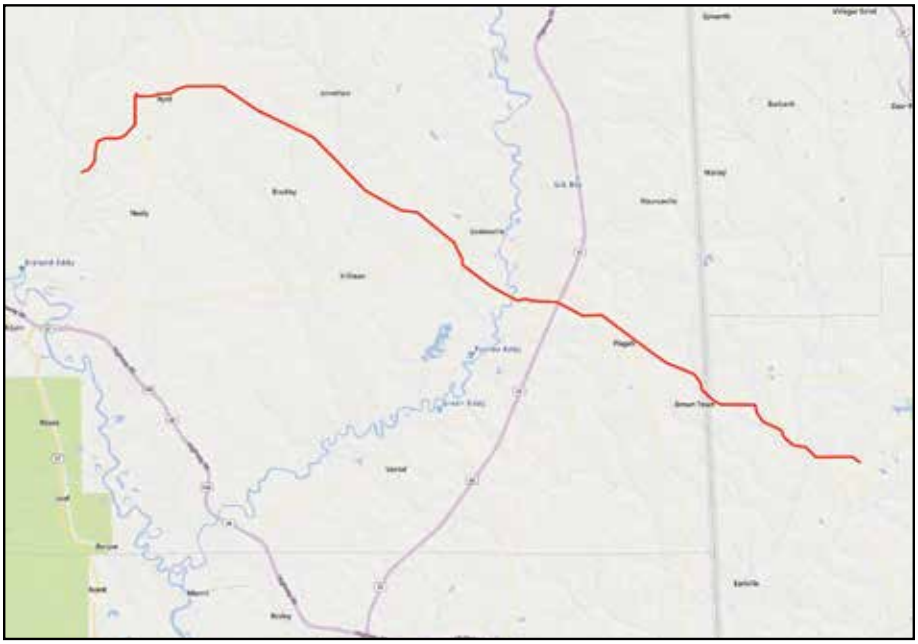
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Greene

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



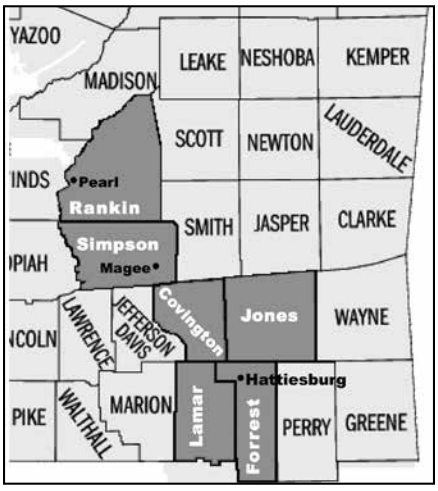
315 N. Main St.
Hattiesburg, MS 39401
Phone: 601-544-6001

COMPANY PROFILE

Spire, formerly Willmut Gas, is a natural gas distributor based in St Louis, MO with local offices located in Hattiesburg, Magee, and Pearl. It serves cities and communities including Hattiesburg, Oak Grove, Rawls Springs, Leeville, Dixie, Camp Shelby, Pine Belt Airport, Sanford, Seminary, Collins, Mount Olive, Magee, Mendenhall, D'Lo, Braxton, Pearl, Flowood, Monterey, East Jackson, and Thomasville, supplying natural gas to residential, commercial and industrial customers.

In 2016, Willmut Gas Company's 84th year of operation, the company was purchased by Spire. Spire serves 19,000 customers in Mississippi; as well as over 1.7 million customers in Missouri, Alabama and Mississippi.

At Spire, we believe energy exists to help make people's lives better. It's a simple idea but one that's at the heart of our company. Every day we serve 1.7 million customers making Spire the fifth largest publicly traded natural gas company in the country. We help families and business owners fuel their daily lives through our regulated utilities. Our non- regulated businesses, Laclede Energy resources and Spire Natural Gas Fueling Solutions provide energy solutions to other natural gas users. Learn more at www.SpireEnergy.com.



We have 3 local offices:

Hattiesburg: (601) 544-6001
Magee: (601) 849-3751
Pearl: (601) 939-3275

COMMITTMENT

Spire is dedicated to the safety of the public and all first responders. Our top priority is the safe and reliable delivery of energy and energy services to the 750 miles of distribution and more than 19,000 consumers we serve in Mississippi. Our customers expect us to provide them with the energy they need, when they need it. We are committed to doing so with an unwavering focus on safety.

Spire personnel are trained in emergency response activities and are ready to respond around the clock. At Spire, we also work continuously to increase customer awareness about the safe use of natural gas.

We produce and disseminate safety education materials through direct mail, e-mail, the web and a range of social media platforms for our customers, including what to do should there be signs of a leak.

Spire is committed to working with local Fire Department; Police Department and other government agencies. Natural disasters, civil disturbances, uncontrolled gas leaks or major gas interruptions can occur at any moment. Spire stands ready to demonstrate a high level of communication and understanding of operating procedures during these events.

COMMUNICATIONS

The Spire 24 Hour emergency line can be reached at 1-877-945-5427. It is staffed 24-hours a day as the central location for reporting any gas service issues. Once an issue is reported, we are able to dispatch the appropriate personnel around the clock.

EMERGENCY CONTACT:
1-877-945-5427

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Camp Shelby	Lamar
Covington	Rankin
Forrest	Simpson
Jones	

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

For additional information call:

Johnny Martin
Spire
2650 Old Brandon Road, Suite A
Pearl, MS 39208
Phone: (601) 939-3275
Counties: Rankin

Johnny Martin
Spire
515 3rd Ave SE Magee, MS 39111
Phone: (601) 849-3751
Counties: Covington, Simpson

Johnny Martin
Spire
PO Box 1649
Hattiesburg, MS 39403-1649
Phone: (601) 544-6001
Counties: Forrest, Jones, Lamar

Targa Downstream LLC

TARGA

COMMITMENT

Targa Resources is a leading provider of midstream services and is one of the largest independent midstream energy companies in North America. We own and operate a diversified portfolio of complementary midstream energy assets. Targa's assets are positioned in some of the most active and established U.S. basins. We own or operate over 33,900 miles of natural gas, NGL and crude oil pipelines ranging in diameter from 2" to 36", as well as other various types of facilities including, but not limited to gas plants, compressor stations, and pump stations. Targa's pipelines are located in the states of Kansas, Louisiana, Mississippi, New Mexico, North Dakota, Oklahoma, and Texas.

Targa is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Qualified personnel are trained in emergency response activities and participate in drills and exercises reflecting various types of response levels and emergency scenarios.

Targa has committed the necessary resources to fully prepare and implement emergency response plans and has obtained through contract the necessary private personnel and equipment to respond, to the maximum extent practicable, to a "worst case"discharge or substantial threat of such a discharge.

COMMUNICATIONS

Targa 24-Hours Pipeline Control Center is located in Sulphur, Louisiana and used as a hub for communications in all emergency situations. On-site communications are conducted via cell phone, and/or portable radios and land lines.

EMERGENCY RESPONSE EQUIPMENT

Equipment and materials necessary for emergency response are kept at local Targa facilities. These materials may include: spill boom, sorbent materials, boats, motors, hand and power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies.

IF YOU ARE A PUBLIC SAFETY OFFICIAL ...

...you know to take whatever steps you deem necessary to safeguard the public in the event of a pipeline emergency. The following suggestions are offered as a guide:

- Secure the area around the leak to a safe distance. This could include the evacuation of people from homes, businesses, schools, and other locations, as well as the erection of barricades to control access to the emergency site and similar precautions.
- If the pipeline leak is not burning, take steps to prevent ignition. This could include prohibiting smoking, rerouting traffic, and shutting off the electricity and gas suppiy.
- If the pipeline leak is burning, try to prevent the spread of fire but do not attempt to extinguish it. Burning petroleum products: will not explode. If the fire is extinguished, gas or vapor will collect and could explode when reignited by secondary fires.
- Contact the pipeline company as quickly as possible. Pipeline marker signs show the pipeline company's name, emergency telephone number, and pipeline contents.

TARGA'S ACTIONS DURING AN EMERGENCY

We will immediately dispatch personnel to the site to help handle the emergency and to provide information to public safety officials to aid in the response to the emergency. We will also take the necessary operating actions starting and stopping equipment, closing and opening valves, and similar steps to minimize the impact of the leak. Public safety personnel and others unfamiliar with the pipeline involved in the emergency should not attempt to operate any of the valves on the pipeline. Improper operation of the pipeline valves could make the situation worse and cause other accidents to happen.

EMERGENCY CONTACT:
1-800-483-9568

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Propane	1075	115

MISSISSIPPI
COUNTIES OF OPERATION:

Forrest

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

IF YOU OR YOUR COMPANY PERFORMS EXCAVATION WORK ...

... or if you are a homeowner or a farmer who occasionally digs on your property, we need your help in preventing pipeline emergencies. Records show that damage from excavation-related activities, particularly from equipment digging into pipelines, is the number one cause of pipeline accidents. Without proper coordination. excavation activities in the vicinity of underground pipelines can result in very dangerous situations.

LOOK FOR PIPELINE MARKERS

To determine if there are pipelines in the area where excavation is planned, look for pipeline markers at nearby roads, railroads and fences. Don't try to guess the route or location of the pipeline from where the markers are placed. Call

the pipeline company at the telephone number shown on the marker at least 48 hours before you dig. Most states legally require excavators to call “One-Call.” They will send a representative to mark the exact location and route and depth of the pipeline at no charge.

WHAT TO DO IF YOU ARE DIGGING AND DISTURB A PIPELINE

Even if you cause what seems to be only minor damage to the pipeline, notify the pipeline company immediately. A gouge, scrape, dent, or crease to the pipe or coating may cause a future break or leak. It is imperative that the pipeline owner inspects and repairs any damage to the line.

For more information on Targa’s Pipeline Emergency Response Plan, please visit our corporate website or contact the following email address: www.targaresources.com or public-awareness@targaresources.com

IF YOU LIVE OR WORK NEAR A PIPELINE, HOW CAN YOU TELL WHERE A PIPELINE IS LOCATED? LOOK FOR THESE SIGNS:

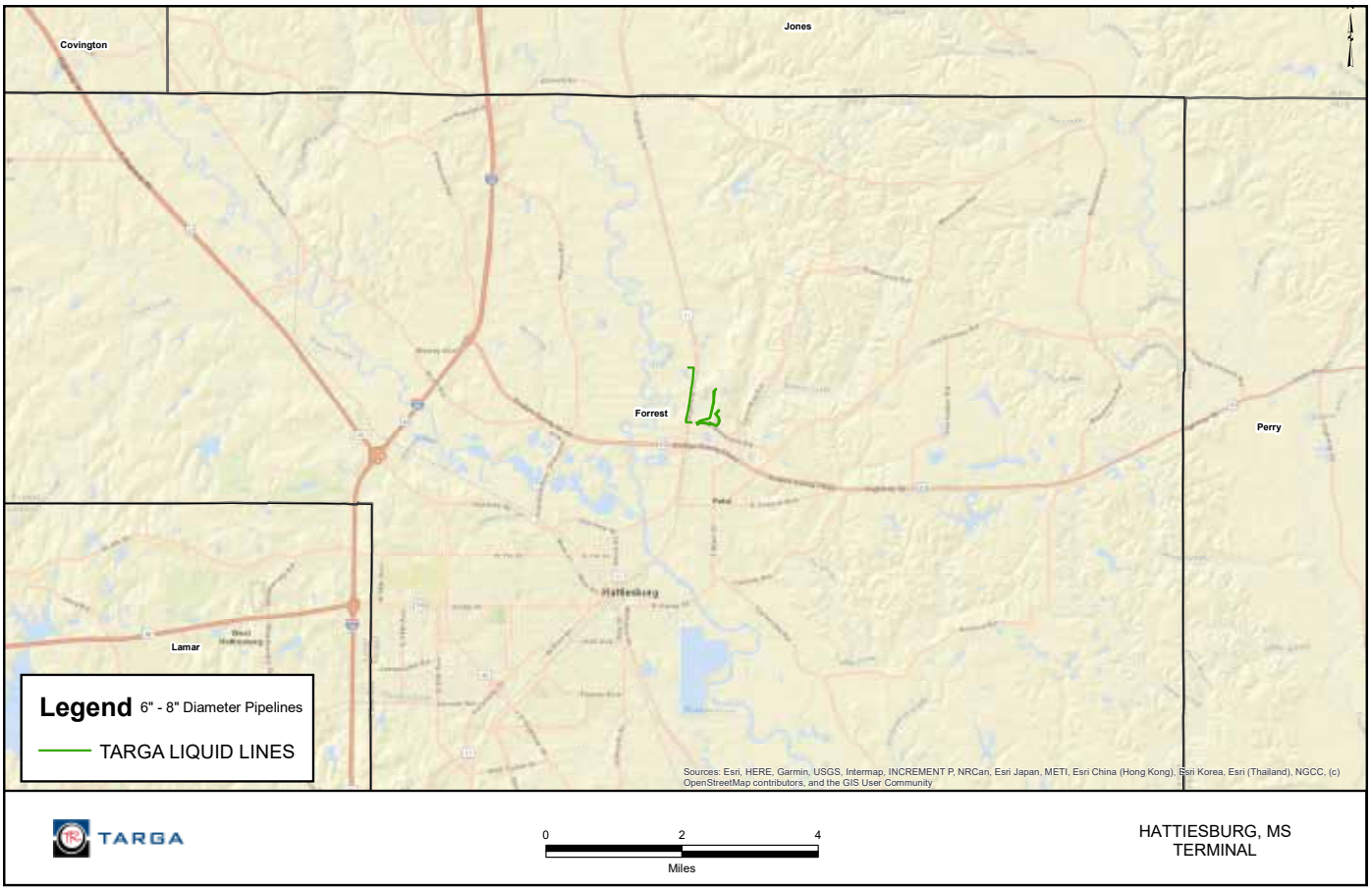
Located near roads, railroads and along pipeline right-of-ways

Painted metal or plastic posts

Pipeline casing vent

Marker for pipeline patrol plane

NOTE: Emergency phone numbers on signs.



915 N. Eldridge Parkway, Suite 1100
Houston, TX 77079
Public Awareness: 1-888-293-7867
Email: uspublicawareness@enbridge.com
Website: www.enbridge.com

Life takes energy: to heat our homes, to feed our families, to fuel our vehicles. Enbridge connects people to the energy they need to help fuel their quality of life.

In the United States alone, more than two million miles of pipelines deliver petroleum and natural gas products. Every year, Enbridge invests in the latest technology and training to meet the high environmental and safety standards our neighbors expect, and to keep pipelines the safest, most efficient and most reliable way to move energy resources.

Call or click before you dig
811 and **ClickBeforeYouDig.com** are free services designed to keep you safe when digging. Calling or clicking is always the safest option anytime you are moving dirt. At least two to three business days before your project (depending on state law), simply call 811 or visit **www.ClickBeforeYouDig.com** with important details about your work, including:

- The type of work you'll be doing and a description of the area
- The date and time your project will begin
- Your worksite's address, the road on which it's located and the nearest intersection
- Driving directions or GPS coordinates
- Within two to three business days, professional locators will mark underground utility lines—including pipelines (marked with yellow flags or paint)—so you can work around them, saving yourself from possible injury or property damage.

Pipeline location and markers
All pipeline markers provide the name of the pipeline operator, product being transported and a telephone number for reporting pipeline emergencies. These markers should never be used as a reference for a pipeline's exact location.

Emergency responder education program

Enbridge offers a free online education program to provide public safety and local public officials with the information needed to safely and effectively respond to a pipeline emergency. This program focuses on information specific to the disciplines of firefighting, law enforcement, 9-1-1 dispatch, emergency medical services, emergency management and local government. Additionally, course completion may count for state-level continuing education (CE) credits. Register for the training at **www.mypipelinetraining.com**.

You can also find out where other companies' pipelines are in your area by going to the National Pipeline Mapping System website at **https://www.npms.phmsa.dot.gov.**

Marker appearance may vary in your area.

What if there is an emergency?
Enbridge facilities are designed to be quickly isolated with block valves for rapid containment in the event of an emergency. We have pre-arranged plans with local emergency personnel and periodically conduct emergency drills with these groups.

Incident Command System
Enbridge utilizes the Incident Command System (ICS) for managing a response to an emergency.

EMERGENCY CONTACT:
1-800-231-7794

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Amite	Jefferson
Attala	Leake
Chickasaw	Lincoln
Choctaw	Madison
Clay	Monroe
Copiah	Oktibbeha
Franklin	Pontotoc
Hinds	Sharkey
Holmes	Wilkinson
Issaquena	Yazoo
Itawamba	

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

The ICS organizational structure is designed to coordinate with other responding agencies and to include those agencies inside a unified Command Post for a coordinated response.

In the event of an emergency
1. Abandon any equipment being used in or near the area, moving upwind of the product release
2. Warn others to stay away
3. **If emergency services have not been notified, call 911 and then call the 24-hour pipeline emergency number for your area**
4. Follow instructions given to you by local emergency responders and Enbridge

Actions Specific to Emergency Officials
1. Secure the site and determine a plan to evacuate or shelter in place
2. Monitor for hazardous atmospheres
3. Control and redirect traffic as needed
4. Provide immediate access to Enbridge Pipeline representatives
5. Implement your local emergency plan

TEXAS GAS TRANSMISSION, LLC
A subsidiary of Boardwalk Pipelines, LP

1-800-626-1948

9 Greenway Plaza, Suite 2800
Houston, Texas 77046
Phone: 713-479-8000
Email: publicawareness@bwpipelines.com
Website: www.txgt.com

OVERVIEW

Texas Gas Transmission, LLC, (Texas Gas) is a bi-directional interstate natural gas pipeline that provides transportation and storage services.

Texas Gas transports natural gas from a variety of supply areas, including the Fayetteville, Haynesville, Marcellus, and Utica shale plays; other basins via third-party pipelines; traditional wellhead supplies; and Gulf South's Perryville Exchange. Deliveries are made to both on-system and off-system markets primarily in the Midwestern and South Central United States.

COMMITMENT TO SAFETY, HEALTH & THE ENVIRONMENT

Texas Gas is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Texas Gas's qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, topographic terrain and environmental sensitivities. Texas Gas has committed the necessary resources to fully prepare and implement its emergency response plans.

COMMUNICATIONS

Texas Gas utilizes its 24-hour Pipeline Control Room (1-800-626-1948) as a hub of communications in emergency response situations.

The Control Room has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, portable radios, satellite phones and/or land-line telephone systems from company facilities and offices.

PIPELINE LOCATION AND MARKERS

The purpose of a pipeline marker is to identify a pipeline right-of-way and to provide information about Texas Gas's pipelines including operator name; phone numbers, in case of a possible emergency; and the product inside. Markers indicate the general, not exact, location of a pipeline and do not necessarily follow a straight course between two markers. Never rely solely on the presence or absence of pipeline markers - someone may have moved or removed the marker.

For additional information that is available for emergency responders, please see the PIMMA link on the National Pipeline Mapping System's website: npms.phmsa.dot.gov.

EMERGENCY CONTACT:
1-800-626-1948

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Attala	Humphreys
Bolivar	Sunflower
Coahoma	Tunica
Desoto	Washington
Holmes	

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

IN CASE OF AN EMERGENCY

Emergency preparedness and planning measures are in place at Texas Gas in case a pipeline incident occurs. Texas Gas also works closely with local emergency response organizations to educate them regarding our pipelines and how to respond in the unlikely event of an emergency.

Should an emergency occur, Texas Gas's objective is to resolve the situation quickly and safely. Two-way communication with emergency responders is critical for this resolution. Texas Gas needs immediate access to the incident location in order to assess and develop a plan to resolve the situation.

Website: www.third-coast.com

THIRD COAST MIDSTREAM

WHO IS THIRD COAST MIDSTREAM

Third Coast Infrastructure, LLC is an offshore focused midstream company headquartered in Houston, Texas. Our operations are primarily located along the Gulf Coast and deep water producing regions in the Gulf of Mexico. Third Coast provides efficient, safe, and reliable midstream services to our customers. Our assets include natural gas gathering and transmission pipelines, NGL and crude oil pipelines, gas processing plants, and a deep water floating production system. Our infrastructure services some of the largest producing Gulf of Mexico Deepwater fields.

WHAT ARE THE SIGNS OF A NATURAL GAS PIPELINE LEAK?

- Blowing or hissing sound
- Dust blowing from a hole in the ground
- Continuous bubbling in wet or flooded areas
- Gaseous or hydrocarbon odor
- Dead or discolored vegetation in a green area
- Flames, if a leak has ignited

WHAT SHOULD I DO IF I SUSPECT A PIPELINE LEAK?

Your personal safety should be your first concern:

- Evacuate the area and prevent anyone from entering
- Abandon any equipment being used near the area
- Avoid any open flames
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers, 2-way radios)
- Do not start/turn off motor vehicles/ electrical equipment
- Call 911 or contact local fire or law enforcement
- Notify the pipeline company
- Do not attempt to extinguish a natural gas fire
- Do not attempt to operate any pipeline valves

PIPELINE SAFETY

System failures occur infrequently along the nation's network of interstate natural gas pipeline facilities, and many of these are caused by damage from others digging near the pipeline. We watch for unauthorized digging, but we request your help to notify us.

ALWAYS CALL 811 BEFORE YOU DIG!

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

PIPELINE LOCATION AND MARKERS

Pipeline markers are used to indicate the approximate location of a natural gas pipeline and to provide contact information. Aerial patrol planes also use the markers to identify the pipeline route. Markers should never be removed or relocated by anyone other than a pipeline operator.

You can also find out where other companies' pipelines are in your area by going to the National Pipeline Mapping System website at www.npms.phmsa.dot.gov.

EMERGENCY RESPONSE PLANS

An Emergency Response Plan is developed for each pipeline facility to contain, control and mitigate the various types of emergency conditions/situations that could occur at one of our facilities. For more information regarding Third Coast Midstreams' emergency response plans and procedures, contact us directly.

EMERGENCY CONTACT:
1-800-926-4352

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Clarke	Jackson
George	Wayne
Greene	

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

Toro Energy

ABOUT TORO ENERGY OF MISSISSIPPI

Toro Energy of Mississippi extracts gas out of the landfill, processes it and sends it to one end user who typically blends it with their main fuel gas inlet.

WHAT DOES TORO ENERGY OF MISSISSIPPI DO IF A LEAK OCCURS?

Our primary objective is to protect the public first, the environment second and equipment last.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Due to the extremely low pressure of the pipeline system, they are typically exempt from integrity management regulations.

HOW TO GET ADDITIONAL INFORMATION

For additional information about Toro Energy of Mississippi contact us directly.

EMERGENCY CONTACT:
1-800-994-1958

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Landfill Gas	1971	115

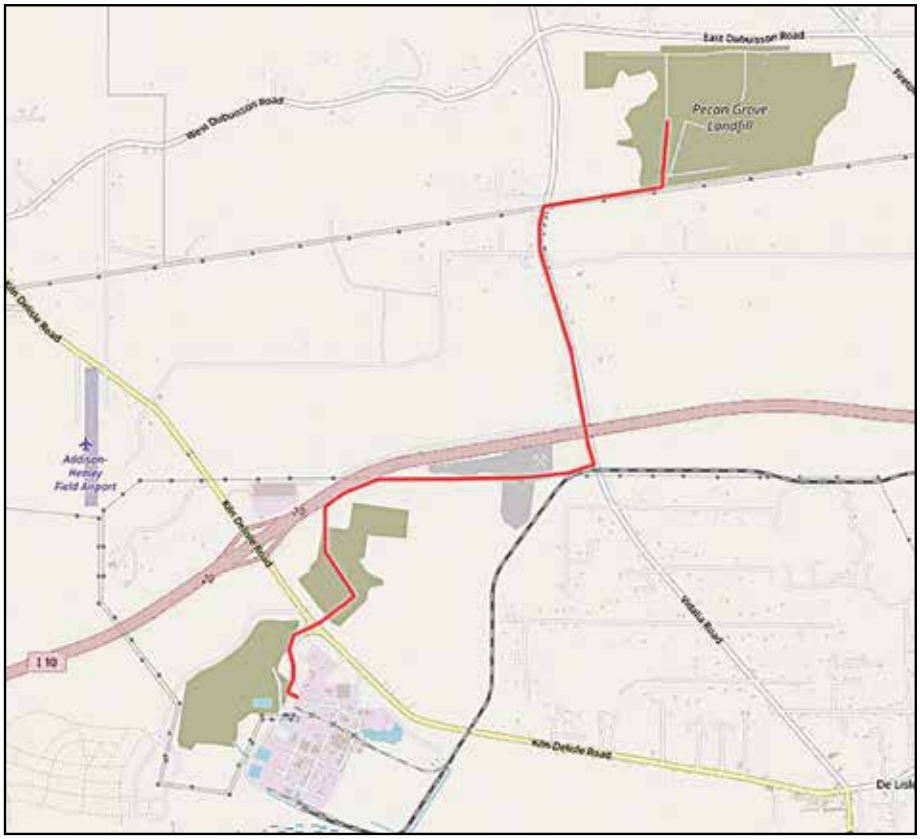
MISSISSIPPI
COUNTIES OF OPERATION:

Harrison

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

PRODUCTS TRANSPORTED

PRODUCT	*LEAK TYPE*	*VAPORS*
LANDFILL GAS	Gas	Lighter than air and will generally rise and dissipate. May gather in a confined space and travel to a source of ignition.
HEALTH HAZARDS	Will be easily ignited by heat, sparks or flames and will form explosive mixtures with air. Vapors may cause dizziness or asphyxiation without warning and may be toxic if inhaled at high concentrations. Contact with gas or liquefied gas may cause burns, severe injury and/or frostbite.	



Base map courtesy of openstreetmap.org

Website: www.transmontaigne.com

TRANSMONTAIGNE

At TransMontaigne, we are experts in the fuel supply chain. We have an extensive network of fuel storage providers, allowing us to provide reliable downstream supplies of competitively priced unbranded fuels. Additionally, TransMontaigne offers fuel transport services, crude oil transport, and commercial marine fuel supply.

TransMontaigne 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, blasting, boring, tunneling, backfilling, or by any other digging activity.

TransMontaigne owns and operates the Pinebelt Pipeline System. The Pinebelt Pipeline is a bi-directional line comprised of approximately 32.7 miles of 8-inch diameter pipe that originates in TransMontaigne's Collins Facility in Collins, Mississippi and terminates in Purvis, Mississippi. Delivery to the Pinebelt Pipeline can originate from either Collins Injection or Collins Storage facilities. Petroleum products shipped on the Pinebelt Pipeline system originate in Texas or Louisiana. These products are delivered into tankage at both Collins facilities and then pumped down the Pinebelt Pipeline.

For addditional information call:

Randy Bruce
135 Highway 588
P O Box 2379
Collins, MS 39428
Phone: 601-794-6031

EMERGENCY CONTACT:
1-800-732-8140

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Diesel Fuel	1202/1993	128
Gasoline	1203	128

MISSISSIPPI
COUNTIES OF OPERATION:

Covington	Lamar

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

Rob Magee
Phone: 601-862-9262
Email: rmagee@treetopmidstream.com

EMERGENCY RESPONSE COMMITMENT

Treetop Midstream Services, LLC (Treetop) operates a carbon dioxide transmission pipeline in Mississippi.

Treetop is committed to operational procedures and policies that meet or exceed current environmental regulations and policies. Our corporate policy is centered on compliance and spill prevention as our primary objective. We have established a proactive culture versus reactive culture as it relates to environmental compliance in general, and spill prevention, specifically.

EMERGENCY RESPONSE OPERATIONS

Treetop employs tiered approach when responding to emergencies. Our employees and oil spill response contractors utilize the National Interagency Incident Management System (NIIMS) Incident Command System (ICS) to manage emergency response activities. The NIIMS-ICS is a management tool that is readily adaptable to incidents ranging from small to large. Treetop will use NIIMS-ICS for all incidents.

The Treetop Tier I, Tier II, and Tier III positions are filled by either qualified personnel from within the company or contractor personnel depending on size and location. These select company personnel carry out their assigned team duties in addition to their normal jobs. In the event these personnel are mobilized to an emergency, their response duties will supersede normal responsibilities.

EMERGENCY CONTACT:
1-800-969-2940

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Carbon Dioxide	1013	120

MISSISSIPPI
COUNTIES OF OPERATION:

Smith

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

PRODUCTS TRANSPORTED IN YOUR AREA

Carbon Dioxide
Leak Type - Gas
Health Hazards
Inhaling carbon dioxide at high enough concentrations can cause asphyxiation. The air begins to feel stuffy, thick and slightly difficult to breathe at a low level of exposure. Moderate concentrations may cause difficulty breathing and shortness of breath, as well as heart rate, headaches, hyperventilation, fatigue, sweating, and possible impairment of hearing. Long term exposure may cause nerve damage or cardiovascular conditions. Skin Contact: Cold gas, or liquid or solid carbon dioxide may cause severe frostbite

1300 Main St.
Houston, Texas 77002
Phone: (713) 989-7000
Website: www.energytransfer.com

TRUNKLINE GAS
An ENERGY TRANSFER Company

Energy Transfer, a Texas-based energy company founded in 1996 as a small intrastate natural gas pipeline company, is now one of the largest and most diversified master limited partnerships in the United States.

Strategically positioned in all of the major U.S. production basins, the company owns and operates a geographically diverse portfolio of energy assets, including midstream, intrastate and interstate transportation and storage assets. Energy Transfer, or one of its affiliates, operates more than 130,000 miles of natural gas, crude oil, natural gas liquids and refined products pipelines and related facilities, including terminalling, storage, fractionation, blending and various acquisition and marketing assets in 44 states.

Trunkline Gas is an approximately 2,000-mile natural gas pipeline system that originates in South Texas, with access to Gulf Coast supply sources, and delivers to some of the nation's largest utility and industrial gas users in Chicago, Michigan, Memphis and St. Louis.

For more information about local operations of **Trunkline Gas**, please contact us:

Bolivar, Quitman, Sunflower, Tallahatchie and Washington counties:
Ricky Duncan
Operations Manager
318-822-3360 (w), 318-348-5691 (m)
ricky.duncan@energytransfer.com

DeSoto, Marshall, Panola and Tate counties:
Russell Poe
Operations Manager
731-777-3950 (w), 731-676-1694 (m)
russell.poe@energytransfer.com

EMERGENCY CONTACT:
1-800-225-3913

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Bolivar	Sunflower
DeSoto	Tallahatchie
Marshall	Tate
Panola	Washington
Quitman	

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

One Valero Way
San Antonio, TX 78249
Website: www.valero.com

INTRODUCTION

Valero's most important measure of success has always been the health and safety of its employees, contractors, customers and neighbors. Valero cares about your safety and the safety of the environment. Our vision is to be the operator and partner of choice for customers, business owners, public officials, employees and communities.

To achieve this vision, Valero employs a pipeline safety program that allows the company to manage all operations in a manner that protects the environment and the safety of employees, customers, contractors and the public while fully complying with all federal, state and local regulations. Valero's principles and beliefs are that safety and environmental performance are mandatory for our success and come first, no matter how urgent the job. Employees have the personal right, responsibility and ability to prevent accidents and Valero believes that accidents and unauthorized releases are unacceptable.

Valero commits to continually improve health, safety, and environmental (HSE) performance by proactively evaluating its operations and implementing programs and practices with a goal to reduce the number of pipeline accidents to zero. Valero invests significant time and capital designing, installing, testing, operating and maintaining pipeline systems in accordance with federal, state and local requirements.

Valero operates approximately 625 miles of DOT regulated pipelines that transport crude oil, refined products and natural gas.

VALERO PUBLIC AWARENESS AND DAMAGE PREVENTION PROGRAMS

Public Awareness Program:

The purpose of the Valero Pipeline Public Awareness Program is to enhance safety and environmental protection through increased public awareness and knowledge. Public awareness programs should raise the awareness of the affected public and key stakeholder audiences of the presence of pipelines in their communities and increase their understanding of the role of pipelines in transporting energy. Increasing awareness in the communities reduces the likelihood and potential impact of emergencies and releases through education and programs.

Pipeline Surveillance:

Pipeline surveillance is a continuous operation. Right-Of-Way patrols are performed at regular frequencies by either aircraft, vehicle or on foot.

Pipeline Monitoring:

Monitoring equipment relays product characteristics such as flow rate, pressure and pumping status to the Valero Pipeline Control Room (PCR). The PCR operates 24 hours a day, 7 days a week. Deviations from normal flow conditions are detected, thus providing the PCR / Controller with information that can be used to rapidly evaluate changes in flow and pressure conditions. The Controller takes appropriate action based on this information.

Pipeline Location and Markers:

Markers are placed along pipeline routes to indicate general pipeline locations along rights-of-way and at public road, rail and river crossings. These markers display the product being transported, the pipeline operator name and an emergency telephone number. Markers do NOT indicate the exact locations, depths or numbers of pipelines located within rights-of-way.

EMERGENCY CONTACT:
1-866-423-0898

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Crude Oil	1267	128
Diesel	1993	128
Gasoline	1203	128
Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Covington	Marion
Davis	Marshall
Desoto	Walthall
Jefferson	

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

OneCall and 811:

Valero is a member of the OneCall notification system in each state in which we operate. State law requires OneCall notification from anyone planning to dig or construct near a pipeline. You are required to call no less than three working days before beginning an excavation activity. Calling 811 is a free service.

Your state's OneCall center will notify Valero of your intent to dig. Company personnel will review the information and notify you if it is safe to dig. If necessary, a Valero representative will locate and mark the pipeline location. In some cases a company representative will remain on-site during excavation near our pipeline.

Many states require that pipeline damage be reported to the owner and/or the OneCall Center by dialing **811**. If you strike a Valero pipeline, stop and contact the Valero emergency notification hotline

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

at **866-423-0898** immediately. The pipeline must be inspected for damage and repaired as necessary. Minor scrapes, gouges, dents or creases to the pipeline or its coating could cause future safety problems.

- *Do not attempt to repair the damage yourself.*
- *Do not cover the damaged pipeline.*
- *If a line is ruptured or leaking, call **911**.*

You'll know what's below by the different flags, stakes and paint
PIPELINE LEAKS

How to recognize a pipeline leak
The best way to recognize a pipeline leak is to use your senses of sight, sound and smell. Your first concern should be for personal safety and the safety of those around you.

Look for:

- Liquid on the ground
- Rainbow sheen on water
- Dead vegetation
- Dirt blowing into the air
- Low lying vapor cloud
- Mud or water bubbling up
- Frozen ground

Listen for:

- A spewing, hissing or roaring sound

Smell for:

- Hydrocarbon odor
- Rotten egg odor

What to do in a leak occurs

- Evacuate the area immediately by foot and in a direction upwind from any vapors or fumes;
- Eliminate ignition sources (static electricity, electric devices, communication devices, motor vehicles, tools, etc.);
- Warn others to stay clear of the area;
- Call 911 or local emergency officials;
- Call the Valero emergency notification hotline at **866-423-0898**, and give your name, phone number, a description of the leak and its location.

DO NOT:

- Attempt to extinguish a fire;
- Operate any pipeline valves or other equipment;
- Walk or drive into leak or vapor cloud;
- Make contact with liquid or vapor;
- Attempt to move vehicles or equipment from the area.

VALERO EMERGENCY RESPONSE, RESOURCES AND CAPABILITIES

Emergency Condition:

An emergency condition exists if any one or combination of the following events occurs on a pipeline:

- Fire or explosion
- Natural disaster
- Accidental release of vapors and/or liquids
- Hazard caused by operational failure
- Act of sabotage

Emergency Response and Capabilities

Should a pipeline emergency occur, Valero's actions will be directed first toward protecting people, then toward protecting the environment and property. Valero has a local Emergency Response Plan prepared to handle emergencies which includes the use of an Incident Command System when appropriate. Valero will coordinate with local emergency officials to secure the area, stabilize the situation, repair the facility and restore operations.

Controllers in the Control Center are authorized to shut down pipeline operation as necessary during an emergency. Once operators arrive at the site of the emergency, they evaluate the situation and take appropriate action to mitigate consequences and identify any additional hazards.

Equipment and personnel for emergency response are supplied to Valero by contracted Oil Spill Removal Organization (OSROs). These OSROs are available 24-hours a day and have equipment located throughout the various regions and capabilities to provide initial and long term spill response throughout the "facility" coverage areas. They provide the necessary expertise and equipment to properly minimize environmental damage and product recovery.

HOW TO GET MORE INFORMATION

For information about Valero's Integrity Management Program or other Pipeline Safety Programs, email us at ValeroIMP@valero.com.

For information about Valero's local Emergency Response Plan, email us at ValeroER@valero.com.

To view and download maps of all transmission pipelines in your community, visit the National Pipeline Mapping System website at www.npms.phmsa.dot.gov.

For your state's One-Call requirements, please visit: https://call811.com.
Refer to the SDS information contained at the conclusion of the informational packet for complete safety and hazard information.

Williams /Transco
421 Salt Dome Rd.
Seminary, MS 39479
Office: 601-222-2650

COMMITMENT

Williams Gas Pipeline Transco (Transco) is committed to the protection of the public and the environment through the safe operation and maintenance of its pipeline systems. Transco's qualified personnel are trained in emergency response activities and regularly participate in drills and exercises reflecting various types of response levels, emergency scenarios, and environmental sensitivities.

Transco has committed the necessary resources to fully prepare and implement its emergency response plans and has obtained through contract the necessary private personnel and equipment to respond, to the maximum extent practicable, to a "worst case" discharge or substantial threat of such a discharge.

COMMUNICATIONS

Transco utilizes its 24-hour Pipeline Control Center (1-855-945-5762) as a hub of communications in emergency response situations. The Control Center has a vast catalog of resources and capabilities. On-site communications are conducted using cellular telephones, portable radios (in Company vehicles) and/or land-line telephone systems from Company facilities and offices.

INCIDENT COMMAND SYSTEM

Transco utilizes an expandable Incident Command System. Depending upon the size and complexity of an incident, additional Company or contract personnel may be added as needed. Additional federal, state or local agencies may be integrated into the Incident Command System by utilizing a Unified Command Structure.

SPILL RESPONSE EQUIPMENT

Transco maintains emergency response equipment at its facilities. Equipment consists of spill boom (of various types, sizes and lengths as needed in different areas), sorbent materials, hand tools, power tools, pumps, hoses, personal protective equipment, first aid and miscellaneous supplies. Emergency equipment is maintained at Transco facilities in Walthall, Covington, and Jones Counties in Mississippi.

OIL SPILL CONTRACTORS

Certified Oil Spill Response Organization (OSROs) under contract by Transco is Phillips Services Corporation. This OSRO can be relied upon for an appropriate level of response with spill response equipment and trained personnel.

For more information regarding Transco's emergency response plans and procedures, call Jeff Aultman, Supervisor of Operations at (601) 222-2600 or Kenny Jacobs, Supervisor of Operations at (601) 222-2650, or Cory Ladner, Supervisor of Operations at (601) 222-2550.

IN THE EVENT OF AN EMERGENCY

A. **DO…**

1. Call your local Williams office at any of the numbers below.

   Chad Griffith
   Sr. Operations Manager, Mississippi
   Office: 601-222-2650

   Sandersville
   Jeff Aultman
   Office: 601-222-2600
   Cell: 601-935-1455
   Pipeline Control: 1-800-440-8475
   24 hours/day

   Seminary
   Matt Ledlow
   Office: 601-222-2650
   Cell: 251-597-5471
   Pipeline Control: 1-800-440-8475
   24 hours/day

   Tylertown
   Cory Ladner
   Office: 601-222-2550
   Cell: 251-214-4568
   Pipeline Control 1-800-440-8475
   24 hours/day

2. Keep the public at a safe distance.
3. Always allow Williams officials onto the site.
4. Take precautions to prevent accidental ignition of gas if there is no fire (See Section 3, Steps to Prevent Accidental Ignition).
5. Evacuate the area if necessary.

EMERGENCY CONTACT:
1-855-945-5762

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

MISSISSIPPI
COUNTIES OF OPERATION:

Amite	Jones
Clarke	Lawrence
Covington	Marion
Jasper	Pike
Jefferson-Davis	Walthall

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

B. **DON'T…**

1. Attempt to extinguish a natural gas fire.
2. Attempt to operate pipeline valves.
3. Use vehicles, compressors, pumps, generators, phones, or any heat or open flame devices in the surrounding areas. These items are possible ignition sources for the gas. See also Section 3, Steps to Prevent Accidental Ignition, of this manual.

C. **Williams will…**

1. Shut off the flow of gas.
2. Identify and assess the emergency.
3. Provide the emergency response (ER) team or officials with information to minimize damage and to control the situation.

HOW TO RECOGNIZE A NATURAL GAS PIPELINE LEAK

Leaks from natural gas pipelines are rare, but we want you to know what to do in the unlikely event one should occur. Natural gas is a colorless, odorless, non-toxic substance. Because natural gas can't be detected on its own, pipeline companies and local utilities add a harmless odorant to help consumers identify the presence of natural gas should a leak occur. However, odorant is added only at certain places along the pipeline, so you may not always be able to detect a leak by smell.

There are several other ways to detect a leak. If you see any of the following signs on or near our pipeline right-of-way, call the number listed on the nearest pipeline marker immediately.

- gas or petroleum odor
- a hissing sound
- dirt being blown into the air
- brown patches in vegetation on or near the pipeline
- bubbles appearing on the surface of water
- dry spot in a moist field
- fire apparently coming from the ground or burning above the ground
- water being blown into the air at a pond, creek, or river.

WHAT TO DO ABOUT A LEAK?

1. Leave the area at once!!!! Warn others to stay away.
2. Avoid using potential ignition sources, such as motor vehicles, telephones, doorbells, electric switches or flashlights. See also Section 3, Steps to Prevent Accidental Ignition, of this manual.
3. Avoid direct contact with escaping vapors.
4. Never try to extinguish a fire.
5. Never try to operate pipeline valves.
6. Remain upwind at a safe distance.
7. Call Williams at the telephone number listed in this brochure or the one listed on the nearest pipeline marker.
8. If it is not apparent which company is involved or a number is not available, call the MS One Call System at (800) 227-6477 or 811 to notify all utility companies in that area.
9. Call the local fire department or 911 from a safe distance.

STEPS TO PREVENT ACCIDENTAL IGNITION

1. Ensure that all personnel restrict smoking to designated areas away from hazardous areas.
2. Ensure that no open flames are permitted in or around areas where there is a possible leak or presence of gas.
3. Use only intrinsically safe devices or devices rated for use in hazardous locations when working in areas where there is a suspected gas leak or the potential presence of gas. (Equipment used in these hazardous areas shall be classified for use in Class I, Div. 1 locations.) This includes flashlights, portable floodlights, extension cords or any other electrically powered equipment.
4. Ensure that all necessary precautions are taken to prevent electric arcing and static electricity charges in restricted areas. Ensure proper bonding and grounding.
5. Ensure proper ventilation (i.e., keep the concentration of gas in air below 0.5%) whenever performing work that requires use of equipment that is a potential ignition source in areas where there is a presence of gas.
6. Control traffic and restrict access at a safe distance from the area.

HOW WE KEEP OUR PIPELINE SAFE

Safety starts long before actual construction begins. At steel rolling mills, where pipe is fabricated, pipeline representatives carefully inspect the pipe to ensure that it is of high quality and meets both federal and industry-wide standards.

Coating systems are used to prevent corrosion of the pipeline and facilities. During construction, pipeline representatives inspect the fabrication and construction of the pipeline. Welds linking the joints of pipeline are X-rayed to ensure their integrity.

Once the pipeline is in the ground and before it is placed into service, it is pressure-tested with water in excess of its operating pressure to verify that it can withstand high pressure. This process is called hydrostatic testing.

Once the line is put in the ground, covered, and placed into service, pipeline markers are posted at regular intervals to let you know there is a pipeline in the area. Williams' telephone number is posted on the markers so you can reach us anytime.

After the pipeline is installed, we install a system called cathodic protection, which prevents corrosion of the steel pipeline.

To help protect our pipelines against third-party damage, regular inspections by motor vehicles and low-flying patrol aircraft keep a watchful eye on the pipeline routes and adjacent areas.

Pipeline maintenance crews perform facility inspections, check for construction activity in the vicinty of the pipeline, and maintain the pipelines and their rights of way. Heavily populated areas are inspected and patrolled more frequently.

In addition, the pipelines undergo periodic maintenance inspections, including leak surveys and valve and safety device inspections.

Williams representatives are available to meet with local emergency response officials, excavation contractors, and local landowners to educate them about pipeline operation and emergency response procedures. Information is routinely distributed to provide 24-hour emergency telephone numbers and locations of our pipeline in the area.

Finally, Williams maintains clear pipeline rights of way. A clean right of way allows easy identification of construction-related activities. Regular monitoring is imperative to prevent thirdparty damage.

HOW TO PREVENT DAMAGE TO OUR PIPELINE FACILTIES.

Maintaining a safe pipeline system requires your participation as well. Department of Transportation (DOT) statistics tell us that the single greatest cause of pipeline incidents is damage from outside forces. Most pipeline accidents occur when individuals or third-party contractors are not aware of a pipeline's location before they begin construction or excavation. It's important that we form a partnership for safety. We can work together to reduce third-party damage to the pipeline, prevent accidents, and maintain public safety.

Here is what you can do. Watch for suspicious activity and construction near the pipeline right of way. No one should conduct blasting, digging, ditching, drilling, leveling or plowing near the pipeline right of way without contacting the local one-call center at least 3 working days in advance to have underground utilities marked.

Once we're notified, Williams Gas Pipeline-Transco will locate and flag the pipeline and/or right of way and will assist you or the contractor by suggesting safety measures that should be followed while working around the pipeline.

Stop-Call Before You Dig! It's The Law!
MS One-Call System
(800) 227-6477 or 811

WILLIAMS COMMITMENT TO SAFETY

Safety and reliability are the most important aspects of Williams' pipeline operations. Although natural gas transmission is the safest form of transportation, we understand that you may have concerns. That's why we want you to understand our commitment to protecting the public, the environment, and our natural resources by operating in a safe, reliable manner.

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 contact your local pipeline operators for information regarding their company specific emergency response plan.

Natural Gas

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:
  1. Gas detected inside or near a building.
  2. Fire located near or directly involving a pipeline facility.
  3. Explosion occurring near or directly involving a pipeline facility.
  4. 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.
- Each operator shall establish and maintain liaison with appropriate fire, police, and other public officials to:
  1. Learn the responsibility and resources of each government organization that may respond to a gas pipeline emergency;
  2. Acquaint the officials with the operator's ability in responding to a gas pipeline emergency;
  3. Identify the types of gas pipeline emergencies of which the operator notifies the officials; and
  4. Plan how the operator and officials can engage in mutual assistance to minimize hazards to life or property.

**Reference 49 CFR 192.615*

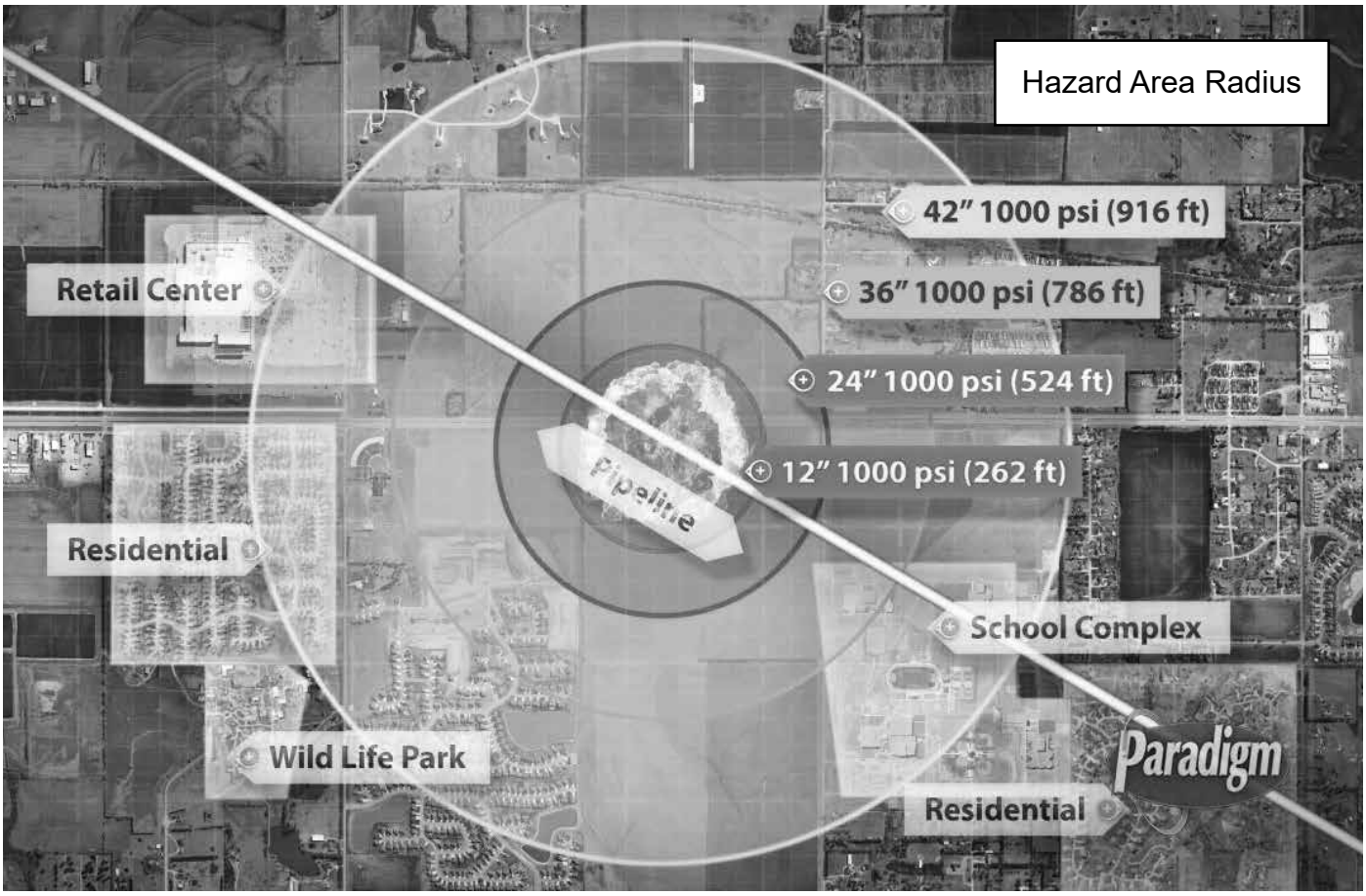
Hazardous Liquids

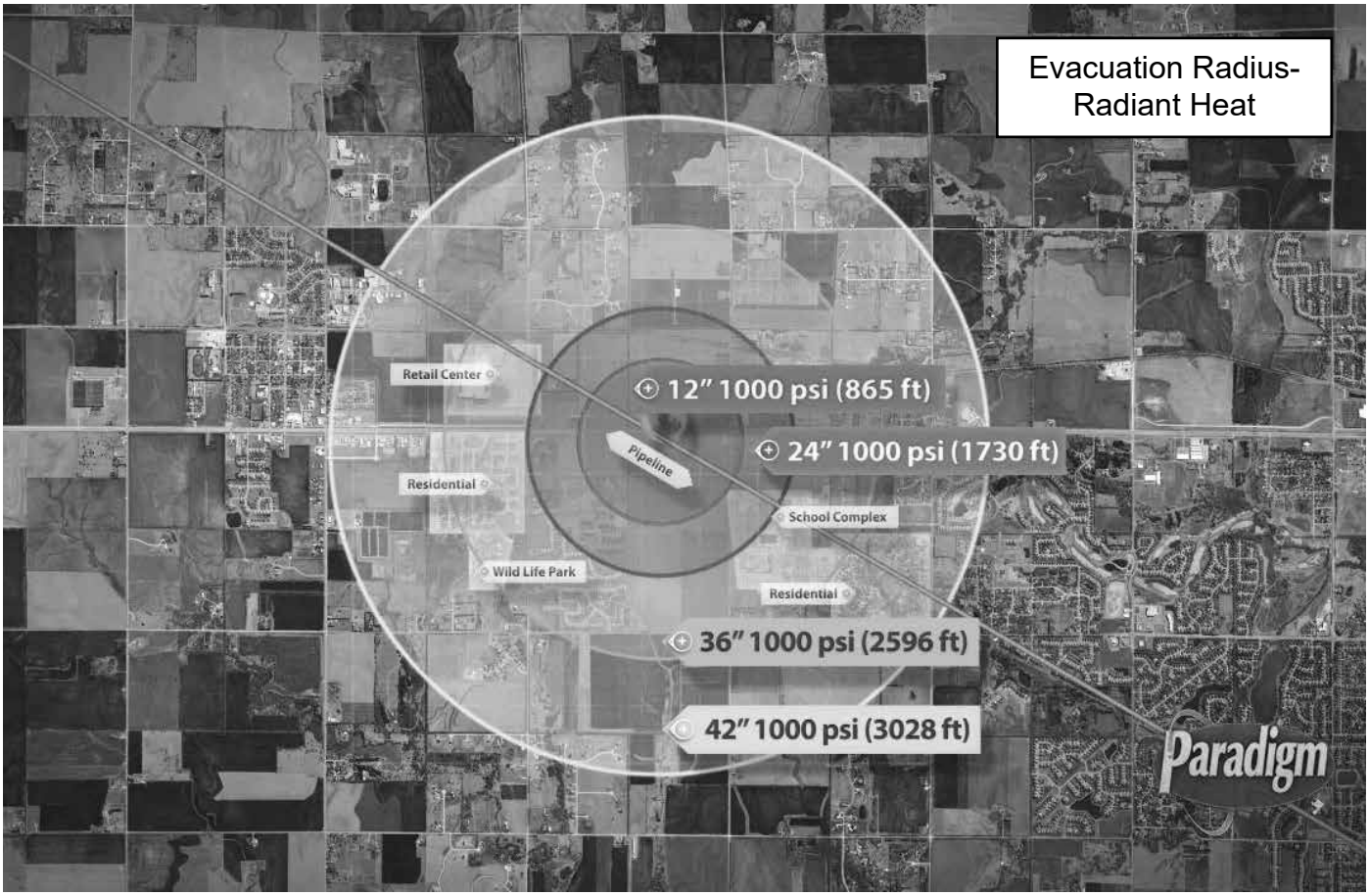
(a) General: Each operator shall prepare and follow for each pipeline system a manual of written procedures for conducting normal operations and maintenance activities and handling abnormal operations and emergencies. This manual shall be reviewed at intervals not exceeding 15 months, but at least once each calendar year, and appropriate changes made as necessary to insure that the manual is effective. This manual shall be prepared before initial operations of a pipeline system commence, and appropriate parts shall be kept at locations where operations and maintenance activities are conducted.

Emergencies. The manual required by paragraph (a) of this section must include procedures for the following to provide safety when an emergency condition occurs:

- Receiving, identifying, and classifying notices of events which need immediate response by the operator or notice to fire, police, or other appropriate public officials and communicating this information to appropriate operator personnel for corrective action.
- Prompt and effective response to a notice of each type emergency, including fire or explosion occurring near or directly involving a pipeline facility, accidental release of hazardous liquid or carbon dioxide from a pipeline facility, operational failure causing a hazardous condition, and natural disaster affecting pipeline facilities.
- Having personnel, equipment, instruments, tools, and material available as needed at the scene of an emergency.
- Taking necessary action, such as emergency shutdown or pressure reduction, to minimize the volume of hazardous liquid or carbon dioxide that is released from any section of a pipeline system in the event of a failure.
- Control of released hazardous liquid or carbon dioxide at an accident scene to minimize the hazards, including possible intentional ignition in the cases of flammable highly volatile liquid.
- Minimization of public exposure to injury and probability of accidental ignition by assisting with evacuation of residents and assisting with halting traffic on roads and railroads in the affected area, or taking other appropriate action.
- Notifying fire, police, and other appropriate public officials of hazardous liquid or carbon dioxide pipeline emergencies and coordinating with them preplanned and actual responses during an emergency, including additional precautions necessary for an emergency involving a pipeline system transporting a highly volatile liquid.
- In the case of failure of a pipeline system transporting a highly volatile liquid, use of appropriate instruments to assess the extent and coverage of the vapor cloud and determine the hazardous areas.
- Providing for a post accident review of employee activities to determine whether the procedures were effective in each emergency and taking corrective action where deficiencies are found.

**Reference 49 CFR 195.402*


Hazard Area Radius
42" 1000 psi (916 ft)
36" 1000 psi (786 ft)
24" 1000 psi (524 ft)
12" 1000 psi (262 ft)
Pipeline
Retail Center
Residential
School Complex
Wild Life Park
Residential
Paradigm


Evacuation Radius-
Radiant Heat
12" 1000 psi (865 ft)
24" 1000 psi (1730 ft)
36" 1000 psi (2596 ft)
42" 1000 psi (3028 ft)
Pipeline
Retail Center
Residential
School Complex
Wild Life Park
Residential
Paradigm

In accordance with NENA Pipeline Emergency Operations Standard/Model Recommendation NENA 56-007 (https://www.nena.org/?page=PipelineEmergStnd)

GOALS FOR INITIAL INTAKE:

1. Obtain and Verify Incident Location, Callback and Contact Information
2. Maintain Control of the Call
3. Communicate the Ability to HELP the Caller
4. Methodically and Strategically Obtain Information through Systematic Inquiry to be Captured in the Agency's Intake Format
5. Recognize the potential urgency of situations involving the release of dangerous gases or liquids related to pipelines or similar events of this nature and immediately begin the proper notifications consistent with agency policy
6. Perform all Information Entries and Disseminations, Both Initial and Update

FIRST RESPONSE CALL INTAKE CHECKLIST

The focus of this Standard is on the first minute of the call intake process. Actions taken during this time frame significantly impact the effectiveness of the response and are critical to public safety.

The following protocol is intended as a solid framework for call intake, but should not in any manner rescind or override agency procedures for the timing of broadcasts and messaging.

These procedures are established as recommended practices to consider with existing agency policy and procedure to ensure the most swift and accurate handling of every incident involving the release of dangerous gases or hazardous liquids.

All information should be simultaneously entered, as it is obtained by the telecommunicator, into an electronic format (when available) that will feed/populate any directed messages which will be sent to emergency responders in conjunction with on-air broadcasts.

Location:

Request exact location of the incident (structure addresses, street names, intersections, directional identifiers, mile posts, etc.) and obtain callback and contact information.

Determine Exactly What Has Happened:

Common signs of a pipeline leak are contained in Table 1 below. If any of these conditions are reported, THIS IS A PIPELINE EMERGENCY.

TABLE 1

Common Indications of a Pipeline Leak

Condition	Natural Gas (lighter than air)	LPG & HVL (heavier than air)	Liquids
An odor like rotten eggs or a burnt match	X	X	
A loud roaring sound like a jet engine	X	X	
A white vapor cloud that may look like smoke		X	
A hissing or whistling noise	X	X	
The pooling of liquid on the ground			X
An odor like petroleum liquids or gasoline		X	X
Fire coming out of or on top of the ground	X	X	
Dirt blowing from a hole in the ground	X	X	
Bubbling in pools of water on the ground	X	X	
A sheen on the surface of water		X	X
An area of frozen ground in the summer	X	X	
An unusual area of melted snow in the winter	X	X	
An area of dead vegetation	X	X	X

PSAP - Notification of Potential Rupture Rule

From April Heinze at NENA October 2022

A recent change made at the federal level will begin to impact your Emergency Communications Center (ECC) very soon. In April 2022, the Pipeline and Hazardous Materials Safety Administration (PHMSA), a subset of the National Highway Traffic Safety Administration (NHTSA), updated a rule for Pipeline Operators. The rule went into effect on October 5, 2022. The PHMSA rule is 49 CFR § 192.615(a)(8) and § 195.402(e)(7). It requires pipeline operators to contact the appropriate PSAP immediately upon notification of a potential rupture. The rule specifies the following:

A ***Notification of Potential Rupture*** is an observation of any unanticipated or unexplained:

- Pressure loss outside of the pipeline's normal operating pressure
- Rapid release of a large volume of a commodity (e.g., natural gas or hazardous liquid)
- Fire or explosion in the immediate vicinity

ECCs will begin to receive calls from pipeline operators for situations that may not be dispatchable. Of the three potential rupture notifications, the "pressure loss outside of the pipeline's normal operating pressure" will be the most difficult for responders to locate and mitigate. The operators will contact the ECC at the same time they are sending a technician to check the potential problem and determine the actual location. Many pipeline segments span an extensive area that could cross multiple ECC and Fire Department boundaries. Based on recent discussions with pipeline operators, they will call ECCs to fulfill the rule requirements to place the ECC on standby for a potential problem. They also want the ECC to contact them if the ECC receives any calls that may confirm there is a problem.

PHMSA and pipeline operators lack an understanding of local ECC and first responder policies and procedures. Some pipeline operators have already sent letters to ECCs that serve the areas their pipeline infrastructure is located. It does not appear that PHMSA engaged the ECC community before adopting the rule, nor have they communicated this information to the responder community.

So, what does this mean for your ECC? ECCs are responsible for intaking information and dispatching appropriate resources. They are not in the habit of intaking details of a potential emergency and doing nothing with it. To do nothing creates liability issues for your ECC. ECC Managers should work with local Fire Departments to develop local policy regarding handling these calls. The policy will need to address whether to hold the information until further information is provided from the pipeline operator or, if a dispatch is to be made, what resources need to be sent. The policy should also address how to properly notify the pipeline operator if the ECC or responders discover that a potential rupture is, in fact, an actual rupture. ECC management should incorporate pipeline maps into their local GIS systems or maintain a map easily accessible to call-takers of the pipeline infrastructure within their jurisdiction. PHMSA has a pipeline mapping system that ECCs can use, https://www.npms.phmsa.dot.gov/. In addition, the ECC should consider specific questions within their call intake guides.

Specific Questions that ECCs may want to incorporate for potential rupture situations include:

1. What commodity might be leaking, and how severe does the potential leak appear?
2. What is the point-to-point location span of the potential rupture?
3. Is any special equipment needed for responders to mitigate the potential problem?

To comply with the new PHMSA rule, pipeline operators must contact ECCs reliably. Some pipeline operators are local or regional companies with existing relationships with the ECCs in their area. However, many pipeline operators serve a large geographic area and may not have established relationships with every ECC within their service area. Those pipeline operators may utilize the NENA Enhanced PSAP Registry and Census (EPRC) to obtain PSAP contact information. NENA strongly encourages you to verify the accuracy of your PSAP's contact information in the EPRC database. ECC 24/7/365 emergency contact number(s) should be 10-digit lines answered as quickly as possible. Callers should not be required to interact with a phone tree or wait on hold if possible. Access to the EPRC is free for ECCs. To learn more and to request user accounts if you do not already use the EPRC, visit nena.org/eprc.

Pipelines In Our Community

According to National Transportation Safety Board statistics pipelines are the safest and most efficient means of transporting natural gas and petroleum products, which are used to supply roughly two-thirds of the energy we use. These pipelines transport trillions of cubic feet of natural gas and hundreds of billions of ton/miles of liquid petroleum products in the United States each year.

This system is comprised of three types of pipelines: transmission, distribution and gathering. The approximately 519,000 miles of transmission pipeline* transport products, including natural gas and petroleum products, across the country and to storage facilities. Compressor stations and pumping stations are located along transmission and gathering pipeline routes and help push these products through the line.

Approximately 2.2 million miles of distribution pipeline* is used to deliver natural gas to most homes and businesses through underground main and utility service lines. Onshore gathering lines are pipelines that transport gas from a current production operation facility to a transmission line or main. Production operations are piping and equipment used in production and preparation for transportation or delivery of hydrocarbon gas and/or liquids.

*mileage according to the Pipeline Hazardous Materials Safety Administration (PHMSA).

Pipeline Markers

The U.S. Department of Transportation (DOT) requires the use of signs to indicate the location of underground pipelines. Markers like these are located on road, railroad, and navigable waterway crossings. Markers are also posted along the pipeline right-of-way.

The markers display:
- The material transported
- The name of the pipeline operator
- The operator's emergency number

MARKER INFORMATION
- Indicates area of pipeline operations
- May have multiple markers in single right-of-way
- May have multiple pipelines in single right-of-way
- DOES NOT show exact location
- DOES NOT indicate depth *(never assume pipeline depth)*
- DOES NOT indicate pipeline pressure

Call Before You Dig

Statistics indicate that damage from excavation related activities is a leading cause of pipeline accidents. If you are a homeowner, farmer, excavator, or developer, we need your help in preventing pipeline emergencies.

1. Call your state's One-Call center before excavation begins - regulatory mandate as state law requires.
2. Wait the required amount of time.
3. A trained technician will mark the location of the pipeline and other utilities (private lines are not marked).
4. Respect the marks.
5. Dig with care.

American Public Works Association (APWA) Uniform Color Code

	WHITE - Proposed Excavation
	PINK - Temporary Survey Markings
	RED - Electric Power Lines, Cables, Conduit and Lighting Cables
	YELLOW - Gas, Oil, Steam, Petroleum or Gaseous Materials
	ORANGE - Communication, Alarm or Signal Lines, Cables or Conduit
	BLUE - Potable Water
	PURPLE - Reclaimed Water, Irrigation and Slurry Lines
	GREEN - Sewers and Drain Lines

National One-Call Dialing Number:

811

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

For More Details Visit: www.call811.com

Signs Of A Pipeline Release

SIGHT*
- Liquid on the ground
- Rainbow sheen on water
- Dead vegetation in an otherwise green area
- Dirt blowing into the air
- White vapor cloud
- Mud or water bubbling up
- Frozen area on ground

**Signs vary based upon product*

SMELL
- Odors such as gas or oil
- Natural gas is colorless and odorless
  - Unless Mercaptan has been added *(rotten egg odor)*

OTHER - NEAR PIPELINE OPERATIONS
- Burning eyes, nose or throat
- Nausea

SOUND
- A hissing or roaring sound

What To Do If A Leak Occurs

- Evacuate immediately upwind
- Eliminate ignition sources
- Advise others to stay away
- **CALL 911** and the pipeline company – number on warning marker
  - Call collect if necessary
- Make calls from safe distance – not "hot zone"
- Give details to pipeline operator:
  - Your name
  - Your phone number
  - Leak location
  - Product activity
  - Extent of damage
- DO NOT drive into leak or vapor cloud
- DO NOT make contact with liquid or vapor
- DO NOT operate pipeline valves *(unless directed by pipeline operator)*:
  - Valve may be automatically shut by control center
  - Valve may have integrated shut-down device
  - Valve may be operated by qualified pipeline personnel only, unless specified otherwise
- Ignition sources may vary – a partial list includes:
  - Static electricity
  - Metal-to-metal contact
  - Pilot lights
  - Matches/smoking
  - Sparks from telephone
  - Electric switches
  - Electric motors
  - Overhead wires
  - Internal combustion engines
  - Garage door openers
  - Firearms
  - Photo equipment
  - Remote car alarms/door locks
  - High torque starters – diesel engines
  - Communication devices

Pipeline Emergency

Call Gas Control Or Pipeline Control Center
Use ***Pipeline Emergency Response Planning Information Manual*** for contact information
Phone number on warning markers
Use state One-Call System, if applicable

Control Center Needs To Know
Your name & title in your organization
Call back phone number – primary, alternate
Establish a meeting place
Be very specific on the location ***(use GPS)***
Provide City, County and State

Injuries, Deaths, Or Property Damage
Have any known injuries occurred?
Have any known deaths occurred?
Has any severe property damage occurred?

Traffic & Crowd Control
Secure leak site for reasonable distance
Work with company to determine safety zone
No traffic allowed through any hot zone
Move sightseers and media away
Eliminate ignition sources

Fire
Is the leak area on fire?
Has anything else caught on fire besides the leak?

Evacuations
Primary responsibility of emergency agency
Consult with pipeline/gas company

Fire Management
Natural Gas – DO NOT put out until supply stopped
Liquid Petroleum – water is NOT recommended; foam IS recommended
Use dry chemical, vaporizing liquids, carbon dioxide

Ignition Sources
Static electricity *(nylon windbreaker)*
Metal-to-metal contact
Pilot lights, matches & smoking, sparks from phone
Electric switches & motors
Overhead wires
Internal combustion engines
Garage door openers, car alarms & door locks
Firearms
Photo equipment
High torque starters – diesel engines
Communication devices – not intrinsically safe

High Consequence Areas Identification*

Pipeline safety regulations use the concept of "High Consequence Areas" (HCAs), to identify specific locales and areas where a release could have the most significant adverse consequences. Once identified, operators are required to devote additional focus, efforts, and analysis in HCAs to ensure the integrity of pipelines.

Releases from pipelines can adversely affect human health and safety, cause environmental degradation, and damage personal or commercial property. Consequences of inadvertent releases from pipelines can vary greatly, depending on where the release occurs, and the commodity involved in the release.

What criteria define HCAs for pipelines?

Because potential consequences of natural gas and hazardous liquid pipeline releases differ, criteria for HCAs also differ. HCAs for natural gas transmission pipelines focus solely on populated areas. (Environmental and ecological consequences are usually minimal for releases involving natural gas.) Identification of HCAs for hazardous liquid pipelines focuses on populated areas, drinking water sources, and unusually sensitive ecological resources.

HCAs for hazardous liquid pipelines:

- Populated areas include both high population areas (called "urbanized areas" by the U.S. Census Bureau) and other populated areas (areas referred to by the Census Bureau as a "designated place").
- Drinking water sources include those supplied by surface water or wells and where a secondary source of water supply is not available. The land area in which spilled hazardous liquid could affect the water supply is also treated as an HCA.
- Unusually sensitive ecological areas include locations where critically imperiled species can be found, areas where multiple examples of federally listed threatened and endangered species are found, and areas where migratory water birds concentrate.

HCAs for natural gas transmission pipelines:

- An equation has been developed based on research and experience that estimates the distance from a potential explosion at which death, injury or significant property damage could occur. This distance is known as the "potential impact radius" (or PIR), and is used to depict potential impact circles.
- Operators must calculate the potential impact radius for all points along their pipelines and evaluate corresponding impact circles to identify what population is contained within each circle.
- Potential impact circles that contain 20 or more structures intended for human occupancy; buildings housing populations of limited mobility; buildings that would be hard to evacuate. (Examples are nursing homes, schools); or buildings and outside areas occupied by more than 20 persons on a specified minimum number of days each year, are defined as HCA's.

** https://primis.phmsa.dot.gov/comm/FactSheets/FSHCA.htm*

Identified Sites*

Owners and companies of gas transmission pipelines are regulated by the US Department of Transportation (DOT). According to integrity management regulations, gas pipeline companies are required to accept the assistance of local public safety officials in identifying certain types of sites or facilities adjacent to the pipeline which meets the following criteria:

(a) A small, well-defined outside area that is occupied by twenty or more persons on at least 50 days in any twelve-month period (the days need not be consecutive). Examples of such an area are playgrounds, parks, swimming pools, sports fields, and campgrounds.

(b) A building that is occupied by 20 or more persons on at least 5 days a week for 10 weeks in any 12 month period (the days and weeks need not be consecutive). Examples included in the definition are: religious facilities, office buildings, community centers, general stores, 4-H facilities, and roller rinks.

(c) A facility that is occupied by persons who are confined, are of impaired mobility, or would be difficult to evacuate. Examples of such a facility are hospitals, schools, elder care, assisted living/nursing facilities, prisons and child daycares.

Sites within your jurisdiction will fit the above requirements, please go to my.spatialobjects.com/admin/register/ISR to provide this valuable information to pipeline companies.

** 49 CFR §192.903.*

IDENTIFIED SITE REGISTRY

Pipeline operators need your help keeping people and property safe.

Identified Sites - locations where many people occupy an area near a pipeline asset or facility. These are places where people may gather from time to time for a variety of reasons.

Some of these sites are very difficult for companies to obtain without help from those with local knowledge of the area.

Please use the following website to gain secure access, so you can assist in identifying sites where people congregate in your community:

my.spatialobjects.com/admin/register/ISR

Pipeline operators are required by law to work with public officials who have safety or emergency response, or planning responsibilities that can provide quality information regarding identified sites.

Maintaining Safety and Integrity of Pipelines

Pipeline companies invest significant time and capital maintaining the quality and integrity of their pipeline systems. Most active pipelines are monitored 24 hours a day via manned control centers. Pipeline companies also utilize aerial surveillance and/or 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 are sometimes utilized to isolate a leak. Gas transmission and hazardous liquid pipeline companies have developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). IMPs have been implemented for areas designated as “high consequence areas” (HCAs) in accordance with federal regulations. Specific information about companies’ programs may be found on their company web sites or by contacting them directly.

How You Can Help Keep Pipelines Safe

While accidents pertaining to pipeline facilities are rare, awareness of the location of the pipeline, the potential hazards, and what to do if a leak occurs can help minimize the number of accidents. A leading cause of pipeline incidents is third-party excavation damage. Pipeline companies are responsible for the safety and security of their respective pipelines. To help maintain the integrity of pipelines and their right-of-way, it is essential that pipeline and facility neighbors protect against unauthorized excavations or other destructive activities. You can help by:

- Being aware of any unusual or suspicious activities or unauthorized excavations taking place within or near the pipeline right-of-way or pipeline facility.
  - Develop contacts and relationships with pipeline company representatives, i.e. participate in mock drill exercises with your local pipeline company.
  - Share intelligence regarding targeting of national infrastructure, and specific threats or actual attacks against pipeline companies.
  - Assist with security steps for pipeline facilities during heightened national threat levels, i.e., increased surveillance near facilities.
  - Monitor criminal activity at the local level that could impact pipeline companies, and anti-government/ pipeline groups and other groups seeking to disrupt pipeline company activities.
- Keeping the enclosed fact sheets for future reference.
- Attending an emergency response training program in your area.
- Familiarizing yourself and your agency with the Pipelines and Informed Planning Alliance (PIPA) best practices regarding land use planning near transmission pipelines.
- Completing and returning the enclosed postage-paid survey.
- Report to the pipeline company localized flooding, ice dams, debris dams, and extensive bank erosion that may affect the integrity of pipeline crossings.

National Pipeline Mapping System (NPMS)

The National Pipeline Mapping System (NPMS) is a geographic information system created by the U.S. Department of Transportation (DOT), 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 companies and their pipelines. The NPMS web site is searchable by ZIP Code or by county and state, and can display a printable county map.

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

For a list of companies with pipelines in your area and their contact information, or to apply for PIMMA access, go to npms.phmsa.dot.gov. Companies that operate production facilities, gas/liquid gathering piping, and distribution piping are not represented by NPMS nor are they required to be.

Training Center

Supplemental training available for agencies and personnel that are unable to attend:

- Train as your schedule allows
- Download resources including pipeline operator specific information
  - Sponsoring pipeline operator contact information
  - Product(s) transported
- Submit Agency Capabilities Survey
- Receive Certificate of Completion

Visit https://trainingcenter.pdigm.com/ to register for training

PIPELINE DAMAGE REPORTING LAW AS OF 2007

H.R. 2958 Emergency Alert Requirements

Any person, including a government employee or contractor, who while engaged in the demolition, excavation, tunneling, or construction in the vicinity of a pipeline facility;

A. Becomes aware of damage to the pipeline facility that may endanger life or cause serious bodily harm or damage to property; or

B. Damages the pipeline facility in a manner that may endanger life or cause serious bodily harm or damage to property, shall promptly report the damage to the operator of the facility and to other appropriate authorities.

Websites:

Association of Public-Safety Communications Officials - International (APCO)
www.apcointl.org/

Common Ground Alliance
www.commongroundalliance.com

Federal Emergency Management Agency
www.fema.gov

Federal Office of Pipeline Safety
www.phmsa.dot.gov

Government Emergency Telecommunications
www.dhs.gov/government-emergency-telecommunications-service-gets

Infrastructure Protection – NIPC
www.dhs.gov/national-infrastructure-protection-plan

National Emergency Number Association
https://www.nena.org/?

National Fire Protection Association (NFPA)
www.nfpa.org

National Pipeline Mapping System
www.npms.phmsa.dot.gov

National Response Center
www.nrc.uscg.mil or 800-424-8802

Paradigm Liaison Services, LLC
www.pdigm.com

United States Environmental Protection Agency (EPA)
www.epa.gov/cameo

Wireless Information System for Emergency Responders (WISER)
www.wiser.nlm.nih.gov

FOR MORE INFORMATION ON THE NASFM *PIPELINE EMERGENCIES* PROGRAM
www.pipelineemergencies.com

FOR EMERGENCY RESPONSE INFORMATION, REFER TO DOT GUIDEBOOK.
FOR COPIES: (202) 366-4900
www.phmsa.dot.gov/hazmat/erg/emergency-response-guidebook-erg

About Paradigm

Paradigm is public awareness. We provide public awareness and damage prevention compliance services to assist with the regulatory requirements of 49 CFR 192 and 195, as well as API RP 1162. Since 2001, the oil and gas industry has worked with Paradigm to fulfill public education and community awareness requirements.

Our history of implementing public awareness programs and compliance services pre-dates API RP 1162. Most of the pipeline industry's large, mid-sized and small operators, as well as many local distribution companies utilize Paradigm's compliance services.

In serving our clients, Paradigm performs full-scope compliance programs from audience identification through effectiveness measurement. In addition, we offer consulting services for plan evaluation and continuous improvement. At the completion of each compliance program, we provide structured documentation which precisely records all elements of the program's implementation to assist with audits.

Paradigm leads the way in industry service. Pipeline operators and local distribution companies trust in Paradigm to implement their public awareness and damage prevention programs. Each year we:

- Distribute 25 million pipeline safety communications
- Compile and analyze roughly 250,000 stakeholder response surveys
- Facilitate over 1,200 liaison programs
- Implement approximately 1,000 public awareness compliance programs
- Provide audit support and assistance with over 50 public awareness audits

Contact Paradigm for more information regarding custom public awareness solutions.

Contact us:
Paradigm Liaison Services, LLC
PO Box 9123
Wichita, KS 67277
(877) 477-1162
Fax: (888) 417-0818
www.pdigm.com

Paradigm® Liaison Services

VSM™ VIRTUAL SCENARIO MANAGER

HSEEP
Homeland Security Exercise and Evaluation Program

Presenter/Contact Information:	Key Take-Aways:
	✓
	✓
	✓
	✓
	✓

Comments to Remember

Questions to Ask

New Concepts to Explore

Additional Notes

Additional Notes

YOUR DAMAGE PREVENTION RESOURCE CENTER

Safety is a shared responsibility. As an emergency responder, you play an important role in raising awareness and preventing excavation incidents. For example, Mississippi law requires anyone digging, regardless of depth, to call **MS811** at least three working days prior to the start of excavation. The 72 hour notice does not include Saturdays, Sundays or holidays. In other words, all excavators working in your community must have a valid locate request ticket. The only exception is a property owner who is digging less than 12 inches in depth without the use of mechanical excavating equipment; or the tilling of soil less than 24 inches in depth for agricultural purposes.

MS811 promotes an easier, safer digging environment and serves the entire state of Mississippi. The not-for profit organization serves as a message handling service for member facility owners and operators, taking information about planned excavations and distributing this information to its membership. It is then the responsibility of each member to mark the location of their underground facilities at the excavation site. **MS811** is not a utility and does not locate any underground facilities.

Call center operators at **MS811** are available 24 hours a day, seven days a week to receive and process calls to the toll-free phone number (1-800-227-6477) or 811. For more information, including free safety materials that can be distributed at community events, contractor meetings and other appropriate venues, please visit www.ms811.org or contact the Damage Prevention Coordinators at 601-362-4322. **MS811** Damage Prevention Coordinators are also available for presentations and safety meetings.

MISSISSIPPI

Mississippi 811, Inc.: 800-227-6477 or 811
Website: www.ms811.org
Hours: 24 hours, 7 days
Tickets Fax: 601-362-7533
Advance Notice: No less than three (3) no more than ten (10) working days
Marks Valid: 14 calendar days**
Law Link:
https://www.ms811.org/law/

**Applies to Government Entities Only*

***Locate requests are good for 14 calendar days from the date that the ticket is processed. When marks are placed can vary due to holidays and weekends*

****Exempt to depth of 12" with non-mechanized equipment*

TICKETS			STATE LAWS & PROVISIONS										NOTIFICATION EXEMPTIONS						NOTIFICATIONS ACCEPTED					
FAX	Online	Mobile	Statewide Coverage	Civil Penalties	Emergency Clause	Mandatory Membership	Excavator Permits Issued	Mandatory Premarks	Positive Response	Hand Dig Clause	Damage Reporting	Routine Maintenance within ROW*	DOT	Homeowner	Railroad	Agriculture	Depth	Damage	Design	Emergency	Overhead	Large Projects	Tolerance Zone
Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	12"	N	Y ***	Y	24"	12"	Y	Y	Y	N	N	18"

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1.877.477.1162 • ms.pipeline-awareness.com