ARKANSAS

CORE®
COORDINATED RESPONSE EXERCISE

COORDINATED RESPONSE EXERCISE®

Pipeline Safety Training For First Responders

EMERGENCY RESPONSE MANUAL

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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
Acme Brick Gas Pipeline / S.A.C. Wireline	**1-501-626-5975**
or	**1-501-332-5555**
Albemarle Corporation	**1-870-235-6000**
Arkansas Oklahoma Gas Corp.	**1-800-883-3181**
BBT Trans-Union Interstate Pipelines, L.P.	**1-844-940-3077**
Black Hills Energy	**1-800-694-8989**
Delek Logistics Partners, LP	**1-800-344-5325**
Enable	**1-800-474-1954**
Energy Transfer Crude Oil	**1-800-753-5531**
Energy Transfer	**1-800-375-5702**
Enmark Energy, Inc.	**1-800-841-0977**
Enterprise Products Operating LLC	**1-888-883-6308**
Fayetteville Express Pipeline	**1-888-844-8030**
Flying Pig Pipeline, L.P.	**1-877-579-7994**
Flywheel Energy LLC	**1-833-604-8137**
Gateway Energy LLC	**1-888-666-4674**
Hanna Oil and Gas Company	**1-479-646-0880**
Magellan Midstream Partners LP	**1-800-720-2417**
Merit Energy Company	**1-956-972-0966**
Mid-Valley Pipeline	**1-800-753-5531**
Mississippi River Transmission	**1-800-325-4005**
NuStar Pipeline Operating Partnership, L.P.	**1-800-759-0033**
Ozark Gas Transmission, LLC	**1-844-940-3077**
Permian Express	**1-800-753-5531**
Plains Pipeline, L.P.	**1-800-708-5071**
Ross Explorations, Inc.	**1-479-650-3589**
Summit Utilities	**1-800-992-7552**
Texas Eastern Transmission L.P. (Enbridge)	**1-800-231-7794**
Texas Gas Transmission, LLC	**1-800-626-1948**
Tomorrow RNG	**1-800-753-6643**
Trunkline Gas	**1-800-225-3913**
Valero Partners Operating Co., LLC	**1-866-423-0898**

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
Arkansas 811	**1-800-482-8998**
National One-Call Referral Number	**1-888-258-0808**
National One-Call Dialing Number	**811**

Table of Contents

Paradigm

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:

Acme Brick Gas Pipeline / S.A.C. Wireline
Albemarle Corporation
Arkansas Oklahoma Gas
BBT Trans-Union Interstate Pipelines, L.P.
Black Hills Energy
Delek Logistics Partners, LP
Enable
Energy Transfer
Energy Transfer Crude Oil
Enmark Energy, Inc.
Enterprise Products Operating LLC
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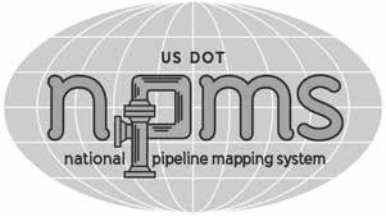
Summit Utilities
Texas Eastern Transmission L.P. (Enbridge)
Texas Gas Transmission, LLC
Tomorrow RNG
Trunkline Gas
Valero Partners Operating Co., LLC



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

Highly Volatile Liquids

- 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.

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.

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.

POTENTIAL HAZARDS

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- 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.

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- Keep victim warm and quiet.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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.

19638 HWY 51
Malvern, AR 72104
Phone: 501-332-5555

ABOUT ACME BRICK GAS PIPELINE

Acme Brick has 9.5 miles of 4" steel natural gas pipeline in Hot Spring County, AR that supplies three Acme Brick Company production plants. The gas pipeline is maintained by S.A.C. Wireline of Malvern, AR and is responsible for all operations and maintance of the 9.5 miles of line including line locates, encroachments, crossings and excavation work within the right of way and easements of the pipeline. ARUPS is the service company to provide marking of lines in advance of any excavation work near pipeline right of way.

For more information contact SAC Wireline:

S.A.C. Wireline
19638 Hwy. 51
Malvern, AR 72104
Phone (501) 332-5555
Fax: (501) 609-2455
Email: scook@sacwireline.com

AN IMPORTANT MESSAGE ABOUT PIPELINE SAFETY

According to Department of Transportation statistics, pipelines are the safest means of transporting natural gas products. Natural gas products we use in our everyday lives is transported through underground pipelines – making them an essential component of our nation's infrastructure. We appreciate your support in the continued safe operation of our pipelines.

PIPELINE SAFETY DEPENDS ON YOU

Acme Brick is committed to the safe, reliable delivery of natural gas. Our pipelines are designed, installed, tested, operated and maintained according to strict standards employed by our company, the pipeline industry and the federal government. If a pipeline is damaged, it could leak or rupture. That's why it is important to be able to recognize the warning signs of a possible pipeline leak.

HOW TO RECOGNIZE A LEAK

By Sight

- Dead or discolored vegetation amid healthy plants.
- Water bubbling or being blown into the air.
- A low-lying, dense white cloud or fog originating near the pipeline location.
- Frozen ground near the pipeline.
- Fire or explosion near the pipeline.

By Sound

- An unusual hissing or roaring sound coming from the vicinity of the pipeline or connecting facility.

By Smell

- Any strange or unusual order in the area of the pipeline.

WHAT TO DO IN A PIPELINE EMERGENCY

Your first concern should be for personal safety and the safety of those around you.

YOU SHOULD

- Leave the area immediately, walking upwind of the suspected incident.
- Abandon any equipment being used in or near the area.
- From a safe location, notify SAC Wireline at 501-626-5975 so the leak can be verified and necessary corrective measures can be taken; and notify your local location and nature of the emergency by calling 911.
- Prior to the arrival of law enforcement officials, advise others not to enter the area.

DO NOT

- **DO NOT** drive into an area in which you enter a leak or vapor cloud
- **DO NOT** light a match, start an engine or automobile, use a telephone, or switch on/off an electric light or appliance.
- **DO NOT** attempt to extinguish any fire.
- **DO NOT** try to operate any pipeline valves yourself.
- **DO NOT** use a cell phone near the suspected emergency area.

EMERGENCY CONTACT:
501-626-5975 or 501-332-5555

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

ARKANSAS
COUNTIES OF OPERATION:

Hot Spring

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

PROCEDURES FOR PUBLIC SAFETY OFFICIALS

In the event if a pipeline emergency, take necessary action to ensure the safety of the public. The following are guidelines to keep in mind:

- Report the incident to S.A.C. Wireline at 501-626-5975.
- Secure the area around the leak. This could include evacuating people from homes, businesses, schools and other locations, as well as erecting barricaded and controlling access to the emergency site.
- Do not attempt operate pipeline valves. You may inadvertently route additional product to the leak.

CALL BEFORE YOU DIG. IT'S THE LAW.

A major cause of pipeline leaks is third-party damage. Any activity near or on a pipeline route can potentially cause damage to the line. If you plan to di, blast, plow fields, install fencing or engage in any other activity that could damage our pipeline, please contact your local One-Call Center:

Arkansas 800-482-8998 or 811

A gouge, scrape, dent or crease to a pipeline or its coating may cause a break or leak in the future. If you cause what could be considered even minor damage contact the pipeline operator.

IN AN EMERGENCY

If you suspect a problem with a ACME Brick pipeline, immediately notify our 24-Hour Response Center at 501-626-5975 or 501-332-5555, and contact your local police and fire department.

UNDERGROUND NATURAL GAS PIPELINE CALL BEFORE YOU DIG

Arkansas One Call System
811
or
800-482-8998

EMERGENCY
call
SAC WIRELINE
501-332-5555
501-626-5975
or
911

WHERE ARE PIPELINES LOCATED?

Since pipeline are normally buried underground, markers are used to show the approximate location of the line. Pipeline markers are required by the United States Department of Transportation and should never be removed or relocated by anyone other than a pipeline operator.

The markers display the name of the pipeline operator, the product transported in the line and a telephone number where the operator can be reached in an emergency. They cannot be relied upon to indicate the exact position of the pipeline they mark. Please ensure that no buildings, structures, trees or other obstructions are erected, placed or planted on or within the pipeline easement.

FOR MORE INFORMATION ABOUT PIPELINE TRANSPORTATION, PLEASE CONTACT:

U.S. Department of Transportation
http://ops.dot.gov

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

Pipeline 101
www.pipeline101.com

ACME BRICK COMPANY
P.O. BOX 250
MALVERN, AR 72104

Albemarle®

WHO IS ALBEMARLE CORPORATION

Albemarle Corporation has two sites in Southwestern Arkansas. The Magnolia South Plant is Located in the heart of Columbia County where it operates 19.1 miles of natural gas pipelines. In addition to the natural gas pipelines, the Magnolia South and West Plant have 200 miles of sour gas non-jurisdictional gathering lines. These gathering lines are located throughout Columbia County. One transmission line begins at the old Hamilton Gas Plant off Highway 19 and runs 3.7 miles to the South Plant just off Highway 79 South. The second transmission line originates at the Petrochem Plant North of Magnolia off Highway 371 and runs 4.6 miles to the West Plant and then runs 10.8 miles from the West Plant to the South Plant.

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!

PIPELINE LOCATION AND MARKERS

Pipeline markers are used to indicate the approximate location of a natural gas pipeline and to provide contact information.

EMERGENCY CONTACT:
1-870-235-6000

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

ARKANSAS
COUNTIES OF OPERATION:

Columbia

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

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 Albemarle Corporation's emergency response plans and procedures, contact us directly.

CONTACT US

For more information about Albemarle Corporation, please contact:

Albemarle Corporation
Magnolia – South Plant
P.O. Box 729 – 2270 Highway 79S
Magnolia, AR 71754-0729
http://www.albemarle.com

1000 Fianna Way
Fort Smith, AR 72919
Emergency Dispatch Phone: 1-800-883-3181
Customer Service Phone: 1-800-842-5690
Website: www.aogc.com

ABOUT ARKANSAS OKLAHOMA GAS CORP.

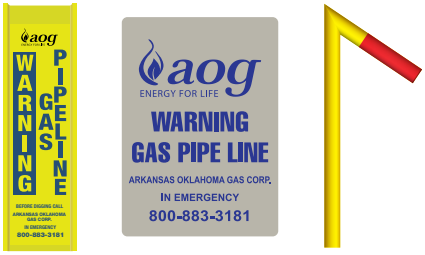
We operate nearly 1,678 miles of odorized distribution and 50 miles of odorized transmission, and approximately 53,388 service lines in Arkansas.

Natural gas is an important source of energy for America's homes and businesses. Arkansas Oklahoma Gas Corporation (AOG) is privileged to provide energy to our customers in Arkansas and Oklahoma by transporting natural gas through a network of underground pipelines. Year after year, pipelines prove to be one of the safest and most reliable modes of energy transportation. AOG is dedicated to the continued safe operation of our pipelines for your protection and the protection of the environment. We are committed to achieving an outstanding safety record. We maintain 24-hour surveillance and perform routine inspections, computer monitoring, corrosion protection, maintenance/ testing programs, and employee training.

AOG serves Crawford, Sebastian, Franklin, Logan, Yell, and Scott counties in Arkansas and Sequoyah, Latimer, Haskell, Le Flore, and Delaware counties in Oklahoma.

WHAT DOES ARKANSAS OKLAHOMA GAS DO IF A LEAK OCCURS?

To prepare for the event of a leak, AOG regularly communicates, plans and trains with local emergency responders.



Pipeline Markers

Pipeline casing vent

Upon the notification of an event or leak, AOG will immediately dispatch trained personnel to assist emergency responders.

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

AOG personnel will also take steps to minimize the amount of leakage and to isolate the pipeline emergency as best as they can.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

AOG works hard to maintain the integrity and safety of our pipeline systems. We stay in touch with industry and government organizations to monitor potential threats and study new technologies that will help keep our facilities as safe and secure as possible.

Neighbors like you can help us maintain a safe, secure and reliable pipeline system. If you observe any unusual or suspicious activities near our pipeline facilities, or in the unlikely event an emergency occurs, please call us immediately at **1-800-883-3181**.

HOW TO GET ADDITIONAL INFORMATION

If you need general information, more information on Pipeline Safety and Integrity, or have a non-emergency question, please visit www.aogc.com, call us at 1-800-883-3181, or write to us at:

Pipeline Safety Department
Arkansas Oklahoma Gas Corp.
publicawareness@summitutilities.com
1000 Fianna Way,
Fort Smith, AR 72919

FOR EMERGENCY RESPONSE OFFICIALS

The following guidelines are designed to ensure the safety of those in the area if a natural gas pipeline leak is suspected or detected:

Possible actions to secure the area around the leak

EMERGENCY CONTACT:
1-800-883-3181

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

ARKANSAS COUNTIES OF OPERATION:

Crawford	Scott
Franklin	Sebastian
Logan	Yell

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

- Evacuating people from homes, businesses, schools and other locations.
- Erecting barricades to prevent access to the emergency site.

Possible steps to prevent ignition of a pipeline leak

- Re-routing traffic
- Shut off electricity and residential gas supply by qualified individuals.
- Preventing ignition sources from entering the emergency site.

Contact AOG

- Contact AOG as quickly as possible at **1-800-883-3181**.

- Pipeline markers provide our name, phone number and product (natural gas) within the pipeline.
- Do not operate any valves; this action could escalate the emergency.
- AOG will dispatch personnel to aid in the response of the emergency.

911 Telecommunications

Dispatch personnel play a critical role in effective response to pipeline emergencies. A dispatcher's actions can save lives, protect property, and direct the appropriate emergency responders to the scene. Follow these simple guidelines in the case of a pipeline emergency involving AOG facilities:

- Gather the information (if possible), about release characteristics such as burning or blowing
- Know the appropriate response for release of natural gas
- Know the wind direction at the time
- Warn of ignition sources if possible
- Dispatch appropriate emergency responders
- Contact AOG immediately at 1-800-883-3181

FOR CONTRACTORS AND EXCAVATORS

One of the leading causes of pipeline failure is from someone damaging the pipeline when they're digging near it. AOG watches for unauthorized digging, but we are also asking for your help.

Signs of a Natural Gas Pipeline Leak

Any one of the following could be a sign of a leak:

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

What to Do If You Suspect a Pipeline Leak

- Leave the area and try to prevent anyone from entering.
- Abandon any equipment being used in or near the area.
- Avoid any open flames or smoking material.
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers and two-way radios).
- Do not start or turn off motor vehicles or electrical equipment.
- Do not attempt to extinguish a natural gas fire.

- Do not attempt to operate any pipeline valves.
- Call 911 from a safe location or contact your local fire department or law enforcement personnel.
- Notify AOG by calling 1-800-883-3181 or the emergency number listed on the pipeline marker.

ALWAYS CALL 811 BEFORE YOU DIG

Arkansas and Oklahoma have established One-Call notification centers and require by law that you call 48 hours before digging. Simply dial 811 to reach the one-call center for your area to ensure your safety. If you're unable to reach your state's one-call center by dialing 811, **call Arkansas One-Call at 1-800-482-8998, or Oklahoma One-Call at 1-800-522-6543**.

To request a line locate in Arkansas call 811 or click Arkansas811.com, or okie811.org in Oklahoma.

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

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 Arkansas Oklahoma Gas emergency response plans and procedures, contact us directly at publicawareness@summitutilities.com.

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!

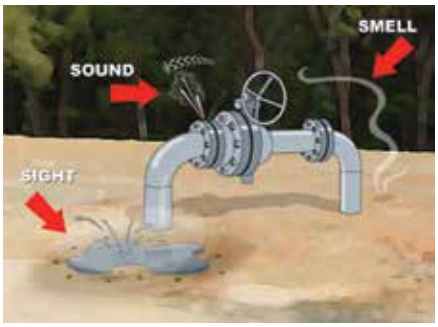
811
Know what's **below.**
Call before you dig.

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.

EMERGENCY CONTACT:
1-844-940-3077

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

ARKANSAS
COUNTIES OF OPERATION:

Union

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

- 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.

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.

655 E Millsap Rd.
Fayetteville, AR 72703
Website: www.blackhillsenergy.com

COMPANY PROFILE

Black Hills Energy, is a subsidiary of Black Hills Corp. We follow a tradition of improving life with energy and a vision to be the energy partner of choice. We are a subsidiary of Black Hills Corp. (NYSE: BKH), a growth-oriented, vertically integrated energy company based in Rapid City, South Dakota. Safety is always our first priority. Black Hills Corp.'s 2,900 employees partner to produce results that are improving life with energy. For more information, please visit www.blackhillsenergy.com.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

Safety Policy

Black Hills Energy is committed to providing customers with safe, reliable natural gas service by providing an environment that is free from recognized hazards for employees and customers.

Black Hills Energy employees perform daily proactive tasks to ensure the integrity of its pipeline system. Integrity Management Plans are implemented to further protect zones defined by pipeline regulators as High Consequence Areas. These areas are located near high-pressure natural gas pipelines and can include – but aren't limited to – playgrounds, hospitals, schools, daycares, and retirement and correctional facilities.

Emergency Response

Black Hills Energy has detailed emergency procedures for responding to a natural gas emergency with a priority to protect life first, then property and the environment. Our procedures and abilities to respond to an emergency are exchanged with local emergency officials so that we can engage in mutual assistance to minimize hazards to life or property. To view a list of gas operators and maps of the transmission pipelines in a community, go to the National Pipeline Mapping System web site, www.npms.phmsa.dot.gov. BHE's Emergency contact number is 1-800-694-8989.

Black Hills Energy seeks opportunities to educate the public about natural gas. The company also partners with volunteer fire departments to provide hands-on training exercises for firefighters to practice techniques to effectively extinguish natural gas fueled fires under controlled circumstances.

Public Awareness Program

Black Hills Energy's Public Awareness Program was developed under the guidance of API RP1162 and is intended to educate stakeholder audiences along the geographic areas in which the company has distribution or transmission facilities – this includes customers, affected public along both the distribution and transmission pipelines, local and state emergency response and planning agencies, local public officials and governing councils, and excavators. Educating stakeholders can help prevent pipeline emergencies and can also help recognize, report and respond to a suspected pipeline emergency in a timely manner.

EMERGENCY CONTACT:
1-800-694-8989

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

ARKANSAS
COUNTIES OF OPERATION:

Baxter	Izard
Benton	Johnson
Boone	Lawrence
Carroll	Logan
Clay	Madison
Craighead	Marion
Crawford	Mississippi
Crittenden	Sebastian
Franklin	Stone
Greene	Washington

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

HOW TO GET ADDITIONAL INFORMATION

Additional information is available online.

- Black Hills Energy's home page www.blackhillsenergy.com
- List of natural gas service operators and maps of transmission pipeline systems: www.npms.phmsa.dot.gov
- Excavation practices near underground facilities: www.commongroundalliance.com

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

Tyler Cameron
1001 School Street
El Dorado, AR 71730
Phone: (870) 315-1393
Website: www.delekus.com

COMPANY OVERVIEW

Delek Logistics Partners, LP, a wholly owned subsidiary of Delek US Holdings, is a partnership of companies including., Magnolia Pipeline Company, El Dorado Pipeline Company, Paline Pipeline Company, Delek Crude Logistics, Delek Marketing and Supply, Sala Gathering System LLC., Delek Logistics Operating LLC, Delek Logistics Services Company and Delek Permian Gathering.

Delek US Holdings, which is a diversified downstream energy company with operations in four primary business segments: petroleum refining, marketing and supply, logistics, and convenience store retailing. Delek US is headquartered in Brentwood, TN and employs more than 3,000 people across 8 states. The company has been publically traded on the New York Stock Exchange since 2006 under the ticker symbol “DK”.

SYSTEM INFORMATION

- Name of systems covered: Magnolia Pipeline Company, El Dorado Pipeline Company, Paline Pipeline Company, Delek Crude Logistics, Delek Marketing and Supply, Sala Gathering System LLC., Delek Logistics Operating LLC, Delek Logistics Services Company and Delek Permian Gathering
- Name of owner and operator: Delek Logistics Partners LP
- Type of systems: Transmission systems, gathering systems, terminal and storage facilities
- Physical area covered by systems: Pipeline systems and terminal facilities move and store products in Texas, Oklahoma, Louisiana, Arkansas, and Tennessee
- Length of systems: approximately 1,500 miles of pipelines
- List of products transported in systems: Gasoline, Diesel, and Crude Oil
- Range of diameter of pipelines in systems: 2 inch-16 inch

PUBLIC SAFETY & ENVIRONMENTAL HEALTH

Delek US Holdings and subsidiary companies operate our business in a manner that protects the environment and the health and safety of employees, customers, contractors, and the public while complying with applicable laws, regulations and other requirements. We recognize that the safety and health of our employees and stewardship of the environment are the responsibility of every Delek US employee. We are dedicated to being a good neighbor in the communities where we operate. We will conduct our operations safely and responsibly. Delek has invested hundreds of millions of dollars in our business segments to produce clean fuels, protect the environment and improve the safety of our employees and the public.

DAMAGE PREVENTION MEASURES

- SCADA/Operations Control Center
- Automatic shutdown valves
- Mainline block valves
- Check valves
- Members of 811 in all states
- Alarms
- Gas Monitors
- Foam
- Fire Water lines and hydrants

EMERGENCY CONTACT:
1-800-344-5325

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Crude Oil	1270	128

ARKANSAS
COUNTIES OF OPERATION:

Arkansas	Lincoln
Bradley	Miller
Calhoun	Ouachita
Columbia	Phillips
Desha	Pulaski
Drew	Union
Lafayette	

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

PRODUCTS TRANSPORTED

Product: Hazardous Liquids [Such As: Crude Oil, and Other Refined Products]

Leak Type: Liquid

Vapors: Initially heavier than air and spread along ground and collect in low or confined areas. Vapors may travel to source of ignition and flash back. Explosion hazards indoors, outdoors or in sewers.

Health Hazards: 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.

Product: Natural Gas

Leak Type: Gas

Vapors: 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.

OUR REACTIONS DURING AN INCIDENT

The operations control center will shut down and isolate the asset system immediately upon any indication of abnormal activity or response on the system. Once an actual incident location has been determined by on-the-ground or air reconnaissance, trained Delek personnel will be on site in less than one hour. Delek also has emergency response contractors and equipment available.

For additional information about Delek Logistics Partners, LP emergency response plans and procedures, please contact:

Cassie Whitefield
100 E Peach
Suite 340
El Dorado, AR 71730
870-310-9078

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.

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

Clay, Cleburne, Craighead, Crittenden, Cross, Faulkner, Greene, Independence, Jackson, Lawrence, Lee, Lonoke, Mississippi, Monroe, Phillips, Poinsett, Prairie, Pulaski, Randolph, St. Francis, White and Woodruff counties:
Brandon Byrd
Operations Manager
870-769-2286 (w), 870-631-1026 (m)
brandon.byrd@energytransfer.com

Conway, Franklin, Garland, Johnson, Perry, Pope and Yell counties:
Clay Langston
Operations Manager
479-648-2382 (w), 479-213-1323 (m)
clay.langston@energytransfer.com

Benton, Clark, Columbia, Crawford, Dallas, Grant, Hempstead, Howard, Hot Spring, Lafayette, Little River, Logan, Miller, Nevada, Pike, Polk, Saline, Sebastian and Washington counties:
Chad Rainwater
Operations Manager
479-648-2338 (w), 479-226-1803 (m)
chad.rainwater@energytransfer.com

Arkansas, Ashley, Bradley, Calhoun, Cleveland, Desha, Drew, Jefferson, Lincoln, Ouachita and Union counties:
Roy Wise
Sr. Operations Manager
318-513-7911 (w), 318-465-0736 (m)
roy.wise@energytransfer.com

EMERGENCY CONTACTS:
Enable Gas Transmission:
800-474-1954
Mississippi River Transmission:
800-325-4005

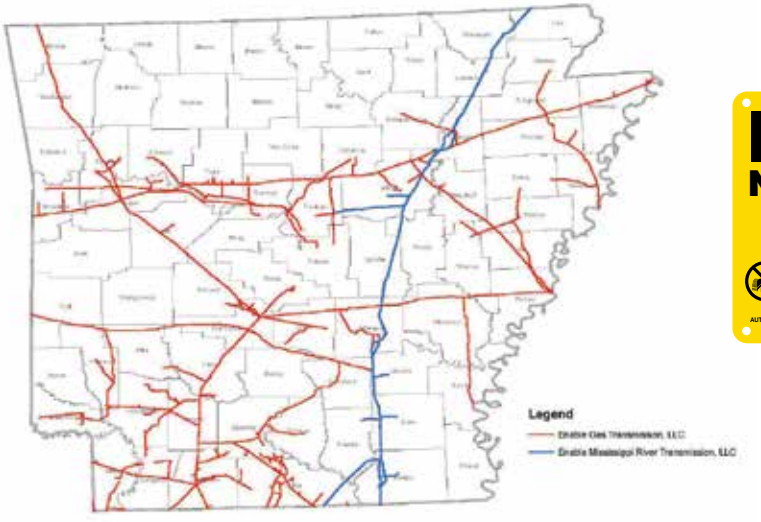
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Arkansas	Garland	Nevada
Ashley	Grant	Ouachita
Benton	Greene	Perry
Bradley	Hempstead	Phillips
Calhoun	Hot Spring	Pike
Clark	Howard	Poinsett
Clay	Independence	Polk
Cleburne	Jackson	Pope
Cleveland	Jefferson	Prairie
Columbia	Johnson	Pulaski
Conway	Lafayette	Randolph
Craighead	Lawrence	Saline
Crawford	Lee	Sebastian
Crittenden	Lincoln	St. Francis
Cross	Little River	Union
Dallas	Logan	Washington
Desha	Lonoke	White
Drew	Miller	Woodruff
Faulkner	Mississippi	Yell
Franklin	Monroe	

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



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.

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

Columbia and Lafayette counties:
Robert Clements
Operations Manager
318-371-6562 (w), 318-617-0381 (m)
robert.clements1@energytransfer.com

Cleburne, Faulkner, Independence, Jackson and White counties:
Brandon Byrd
Operations Manager
870-769-2286 (w), 870-631-1026 (m)
brandon.byrd@energytransfer.com

Crawford, Franklin, Johnson, Logan, Pope, Scott, Sebastian and Yell counties:
Chad Rainwater
Operations Manager
479-648-2338 (w), 479-226-1803 (m)
chad.rainwater@energytransfer.com

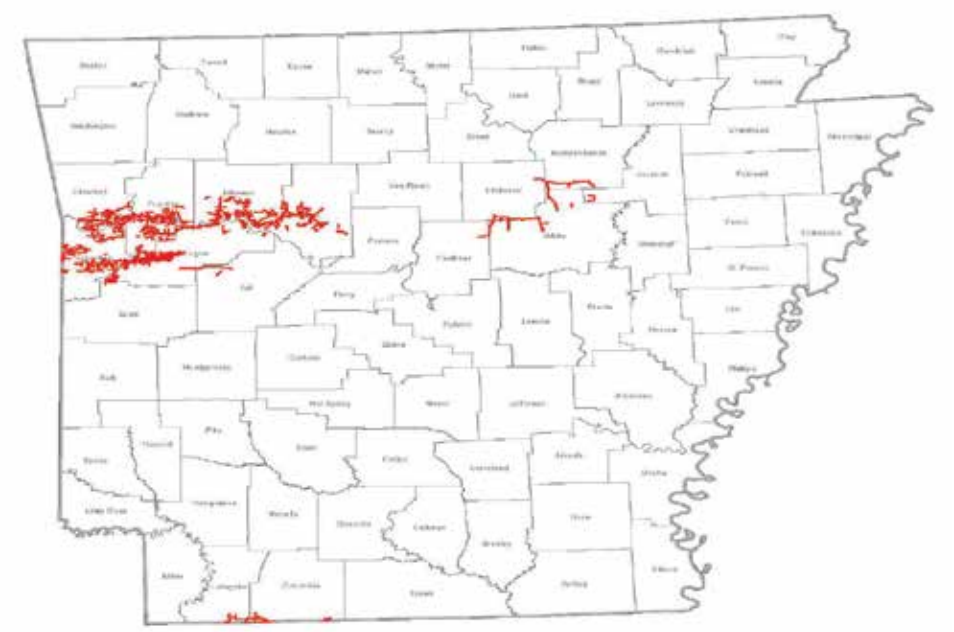
EMERGENCY CONTACT:
1-800-375-5702

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

ARKANSAS
COUNTIES OF OPERATION:

Cleburne	Lafayette
Columbia	Logan
Crawford	Pope
Faulkner	Scott
Franklin	Sebastian
Independence	White
Jackson	Yell
Johnson	

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



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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:

Chicot county:
Ricky Duncan
Operations Manager
318-822-3360 (w), 318-348-5691 (m)
ricky.duncan@energytransfer.com

EMERGENCY CONTACT:
1-800-753-5531

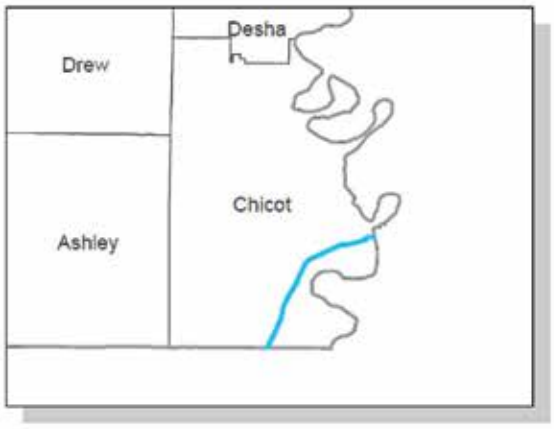
PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128

ARKANSAS
COUNTY OF OPERATION:

Chicot

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



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.

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:
http://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.

EMERGENCY CONTACT:
1-800-841-0977

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

ARKANSAS
COUNTIES OF OPERATION:

Clay	Rudolph
Grant	Saline
Jefferson	Union

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

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.

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.

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.

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.

ENTERPRISEPRODUCTS'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.
- 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.

EMERGENCY CONTACT:
1-888-883-6308

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Butane	1011	115
Diesel	1202/1993	128
Ethane	1035	115
Gasoline	1203	128
Iso-Butane	1075	115
Jet Fuel	1223	128
Naphthalene	1334	133
Natural Gas	1971	115
Natural Gasoline	1203	128
N-Butane	1075	115
PP Mix	1075	115
Propane	1075	115
Propylene	1075	115
Raffinate	1203	128
Raw Feed	1075	115

ARKANSAS
COUNTIES OF OPERATION:

Calhoun	Jackson
Clay	Lawrence
Cleveland	Lonoke
Columbia	Pulaski
Craighead	St. Francis
Crittenden	Union
Dallas	White
Grant	Woodruff
Greene	

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

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

Craig Spinks
331 Old Calion Road
El Dorado, AR 71730
Phone: 318-423-9803
Email: cmspinks@eprod.com
Counties of responsibility: Calhoun, Columbia, and Union

Derek A. Kingston
10653 State Highway N
Scott City, MO 63780
Phone: 573-233-9717
Email: dakingston@eprod.com
County of responsibility: Clay

Tripp Tacker
194 Tank Farm Rd
Garner, AR 72052
Phone: 662-419-4185
Email: wttacker@eprod.com
Counties of responsibility: Calhoun, Cleveland, Craighead, Crittenden, Desha, Grant, Greene, Jackson, Lawrence, Lonoke, Pulaski, St. Francis, White, Woodruff

1300 Main St.
Houston, TX 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:

Cleburne, Conway, Faulkner, Lee, Phillips, St Francis, White and Woodruff counties:
Brandon Byrd
Operations Manager
870-769-2286 (w), 870-631-1026 (m)
brandon.byrd@energytransfer.com

EMERGENCY CONTACT:
1-888-844-8030

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Cleburne	Phillips
Conway	St. Francis
Faulkner	White
Lee	Woodruff

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

5745 Weatherford Highway
Granbury, Texas 76049
Phone: (817) 279-6014
Fax: (817) 573-9289
Website: www.peregrinepipeline.com

ABOUT FLYING PIG PIPELINE COMPANY, L.P.

Flying Pig Pipeline Company, L.P. is a full service natural gas pipeline company operating in Independence, Van Buren and Conway counties. Major services include gas gathering, transportation, compression, dehydration, and marketing of mostly Fayetteville Shale gas wells. Flying Pig Pipeline Company, L.P.'s operational and commercial team of employees has many years of experience in all aspects of constructing, operating and maintaining highly efficient and safe gas pipelines.

WHAT DOES FLYING PIG PIPELINE COMPANY, L.P. 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

Flying Pig Pipeline Company, L.P. invests significant time and capital maintaining the quality and integrity of their pipeline systems. Flying Pig Pipeline Company, L.P. also utilizes aerial surveillance and/or on-ground observers to identify potential dangers. Specific information about Flying Pig Pipeline Company, L.P.'s program may be found by contacting us directly.

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.

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

EMERGENCY CONTACT:
1-877-579-7994

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Cleburne	Independence

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

- 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

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 Flying Pig Pipelines emergency response plans and procedures, contact us directly.

HOW TO GET ADDITIONAL INFORMATION

For an overview of Flying Pig Pipeline Company, L.P.'s IMP, contact us at:

Flying Pig Pipeline Company, L.P.
5745 Weatherford Highway
Granbury, Texas 76049
Tel (817) 279-6014
Fax (817) 573-9289

621 N Robinson, Suite 300
Oklahoma City, OK 73102
Phone: 1-833-604-8137
Website: www.flywheelenergy.com

ABOUT FLYWHEEL ENERGY LLC

Flywheel Energy operates both Flywheel Energy and Van Buren Energy pipeline assets in central Arkansas. This includes 2,502 miles of low pressure and high pressure gathering lines within the counties of Cleburne, Conway, Faulkner, Independence, Pope, Van Buren and White.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Flywheel Energy takes its responsibility to ensure safe and dependable pipeline operations seriously. We are committed to promoting pipeline safety. Because pipelines are part of our communities, we rely on you to be responsible too.

PREVENTING PIPELINE DAMAGE

Before you dig, call Arkansas 811– it's the law. Please call 48 hours before you dig. Anyone using mechanized equipment or hand digging must do this to ensure underground utilities are marked. A representative will come and mark the location of the buried pipeline free of charge so no damage occurs.

If you witness excavation without markings or other suspicious activity on a pipeline right of way, please report to the authorities or call Flywheel Energy at 1-833-604-8137.

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

WHAT DOES FLYWHEEL ENERGY DO IN THE CASE OF AN EMERGENCY?

Flywheel personnel will be dispatched to the site to help handle the emergency and provide information to emergency and public officials to aid in their response. We will take necessary operating actions to minimize the impact of the emergency. Public safety personnel should not attempt to operate Flywheel valve settings or any other equipment. Improper operation of these facilities could make the situation worse and result in more danger to the public.

HOW DO I KNOW IF THERE IS A PIPELINE IN MY AREA?

With more than 2 million miles of pipeline in the U.S., chances are you live near, work near or drive past one every day. Since pipelines are underground, you might not notice these invisible highways. That's why there are pipeline markers. More information: If you have general questions or are inquiring about a pipeline owned by Flywheel Energy, contact us at 1-833-604-8137.

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.

PIPELINE MARKERS

Pipeline markers identify the general location of the pipeline. The markers display the material transported in the line, the name of the pipeline operator, and the telephone number (1-833-604-8137) where the operator can be reached in the event of an emergency. These markers are helpful in letting you know the general location, but you cannot rely on them to indicate the exact position, depth, or number of pipelines in the vicinity. The lack of a marker is not a guarantee that a pipeline is not present.

EMERGENCY CONTACT:
1-833-604-8137

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1973	115

ARKANSAS
COUNTIES OF OPERATION:

Cleburne	Pope
Conway	Van Buren
Faulkner	White
Independence	

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

HOW TO RECOGNIZE A PIPELINE LEAK?

Understand the signs of a pipeline leak, use your senses.

Sight: Look for a white vapor cloud, mist, fog, bubbles in standing water, or blowing dust. There may be dead vegetation or rainbow sheen on water.

Sound: Listen for an unusual noise like roaring, hissing or whistling.

Smell: An unusual smell or gaseous odor will sometimes accompany pipeline leaks. Natural Gas is colorless, tasteless and odorless unless commercial odorants or Mercaptan is added. Gas transmission/gas gathering pipelines are odorless, but may contain a hydrocarbon smell.

CONTACT US

In case of an emergency contact 1-833-604-8137. For additional information contact 405-702-6991 or info@flywheelenergy.com.

1415 Louisiana Street
Suite 4100
Houston, Texas 77002
Phone: 713 336-0844
Website: www.gatewayenergy.com

ABOUT GATEWAY ENERGY LLC

Gateway Energy LLC owns and operates natural gas gathering, transmission and distribution systems in Arkansas, Missouri, Texas and New York. Headquartered in Houston, Texas, our operations are focused on natural gas transportation activities and delivery to industrial end users.

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!

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Gateway invests significant time and capital maintaining the quality and integrity of their pipeline systems. All active pipelines are monitored 24 hours a day via manned control centers. Gateway 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. 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 Gateway's program may be found by contacting us directly.

WHAT DOES GATEWAY DO IF A LEAK OCCURS?

Answering Service is contacted and Gateway's contractor is contacted by the answering service to handle the leak.

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

EMERGENCY CONTACT:
1-888-666-4674

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:		
Natural Gas	1973	115

ARKANSAS
COUNTIES OF OPERATION:

Fulton Miller

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 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.

PRODUCTS TRANSPORTED

Product: Natural Gas

Leak Type: Gas

Vapors: 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.

HOW TO GET ADDITIONAL INFORMATION

For additional information go to www.gatewayenergy.com or contact us at 713-336-0844.

HANNA OIL & GAS

PO BOX 1356
Fort Smith, AR 72901
Phone: 479-782-8808
Website: www.hannaog.com

ABOUT HANNA OIL AND GAS

Hanna Oil and Gas Company operates 450 wells in the Arkoma basin and has working interest in another 2,000 wells in the midcontinent area.

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.

WHAT DOES HANNA OIL AND GAS 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.

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 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 CONTACT:
1-479-646-0880

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Crawford	Pope
Franklin	Sebastian
Johnson	Yell
Logan	

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

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 Hanna Oil and Gas Company's emergency response plans and procedures, contact us directly.

MAGELLAN MIDSTREAM PARTNERS, L.P. | ONEOK

Magellan has merged into a wholly owned subsidiary of ONEOK

Magellan Pipeline Company, LP
Magellan Crude Oil Pipeline Company LP
Magellan Pipelines Holdings LP
Magellan Terminals Holdings LP
Magellan Operating Company, LLC

Oneok Plaza
100 West 5th Street
Tulsa, OK 74103-4298
(Headquarters) 918-588-7000
Website: Oneok.com

SYSTEM OVERVIEW

Name of system:
Magellan Midstream Partners, L.P.

Name of operator:
Magellan Midstream Partners, L.P.

Type of system: Transmission

List of products transported in system: Butane, Diesel, Gasoline

OPERATOR OVERVIEW

Magellan Midstream Partners, L.P., a wholly owned subsidiary of ONEOK, Inc., is principally engaged in the transportation, storage and distribution of refined products and crude oil. Magellan operates a 9,800 mile refined products pipeline system with 54 connected terminals and two marine terminals (one of which is owned through joint venture) and a 2,200 mile crude oil pipeline system.

Our pipeline markers can be typically identified by the black and red bands at the top.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

Magellan Midstream Partners, L.P. operates with a focus on safe, reliable, environmentally responsible, legally compliant and sustainable operations. Our pipelines are designed, installed, tested,operated, and maintained according to strict standards employed by our company, the pipeline industry and the federal government. Safety, honesty, responsibility, and efficiency are at the core of Magellan's business.

FREQUENTLY ASKED QUESTIONS

1. **How can an emergency responder or LEPC obtain maps of the pipeline?**

   Emergency responders and local planning/zoning authorities may obtain detailed maps of our system from field operations staff or contact us directly via email at: damageprevention@ magellanlp.com or call 888-945-2255. In addition, the National Pipeline Mapping System (www.npms.phsa.dot.gov) provides a list of pipeline operators in your community as well as the location of pipelines and other information.

2. **How will Magellan and response agencies work together during Pipeline Emergencies?**

   Local response agencies are expected to play a key role in the first few hours of a response, protecting the public, isolating the area and using local materials such as dirt or sand to help safely contain the event. Magellan personnel will join a Unified Command and can provide key response equipment such as air monitors, vacuum trucks, emergency spill contractors, heavy construction equipment and specialized command post contractors.

EMERGENCY CONTACT:
1-800-720-2417

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Butane	1075	115
Diesel Fuel	1202/1993	128
Gasoline	1203	115

ARKANSAS
COUNTIES OF OPERATION:

Benton	Logan
Cleburne	Lonoke
Conway	Pope
Faulkner	Pulaski
Franklin	Sebastian
Johnson	White

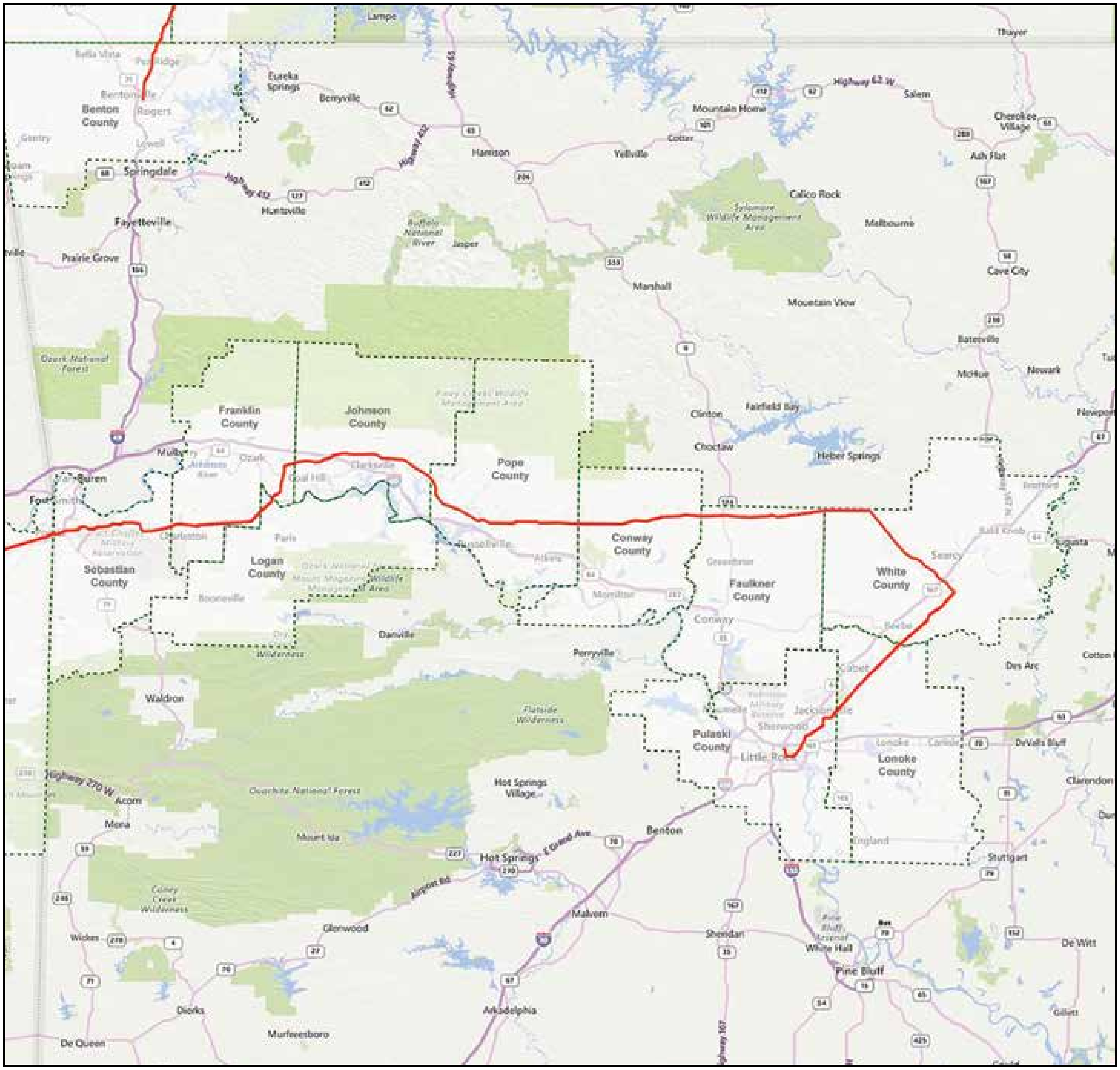
Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

3. **How can an emergency responder learn more about the company's official emergency plans?**

   If interested in learning more about our facility response plan, please contact your local Magellan field representative or contact Magellan Corporate directly via email at: damageprevention@ magellanlp.com.

4. **How can responders learn more about pipeline responding training opportunities?**

   Visit www.pipelineemergencies.com. or visit www.magellanlp.com for more information and additional resources.


Benton County
Springdale
Fayetteville
Prairie Grove
Eureka Springs
Berryville
Harrison
Huntsville
Yellville
Mountain Home
Salem
Cherokee Village
Ash Flat
Calico Rock
Melbourne
Cave City
Marshall
Mountain View
Batesville
Newark
Franklin County
Johnson County
Pope County
Clinton
Fairfield Bay
Choctaw
Heber Springs
Conway County
Faulkner County
White County
Sebastian County
Logan County
Danville
Perryville
Waldron
Pulaski County
Lonoke County
Des Arc
Hot Springs Village
Hot Springs
Benton
Mount Ida
Glenwood
Malvern
Sheridan
Pine Bluff
Arkadelphia
Murfreesboro
De Queen
Stuttgart
De Witt
Clarendon
Mena
Acorn
Ouachita National Forest
Flatside Wilderness
Ozark National Forest

Website: www.meritenergy.com

MERIT ENERGY

ABOUT MERIT ENERGY COMPANY

Merit Energy Company, headquartered in Dallas Texas, specializes in oil and natural gas production, and is the owner/operator of several regulated pipelines around the United States.

WHAT DOES MERIT ENERGY COMPANY 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

Merit Energy Company 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. Merit Energy Company 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.

PRODUCTS TRANSPORTED IN YOUR AREA

Product: Highly volatile liquids (Such as Butane, Propane, Ethane, Propylene and Natural Gas Liquids

Leak Type: Gas

Vapors: Initially heavier than air, can spread along ground and may travel to source of ignition and flash back. Product is colorless, tasteless and odorless.

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. Fire may produce irritating and/or toxic gases.

Product: Natural Gas

Leak Type: Gas

Vapors: 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.

HOW TO GET ADDITIONAL INFORMATION

For an overview of Merit Energy Company, go to www.meritenergy.com or contact us at 972-701-8377. For more detailed information about Merit Energy's products that are transported in your area, please visit www.npms.phmsa.dot.gov.

EMERGENCY CONTACT:
1-956-972-0966

PRODUCTS	DOT GUIDEBOOK ID#	GUIDE#
Natural Gas	1971	115

ARKANSAS COUNTIES OF OPERATION:

Cleburne	Logan
Conway	Polk
Crawford	Scott
Faulkner	Sebastian
Franklin	Van Buren
Johnson	White

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

PIPELINE MARKERS

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.

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 at:

Columbia county:
Jordan Yates
Sr. Operations Manager
318-523-2517 (w), 870-904-0050 (m)
jordan.yates1@energytransfer.com

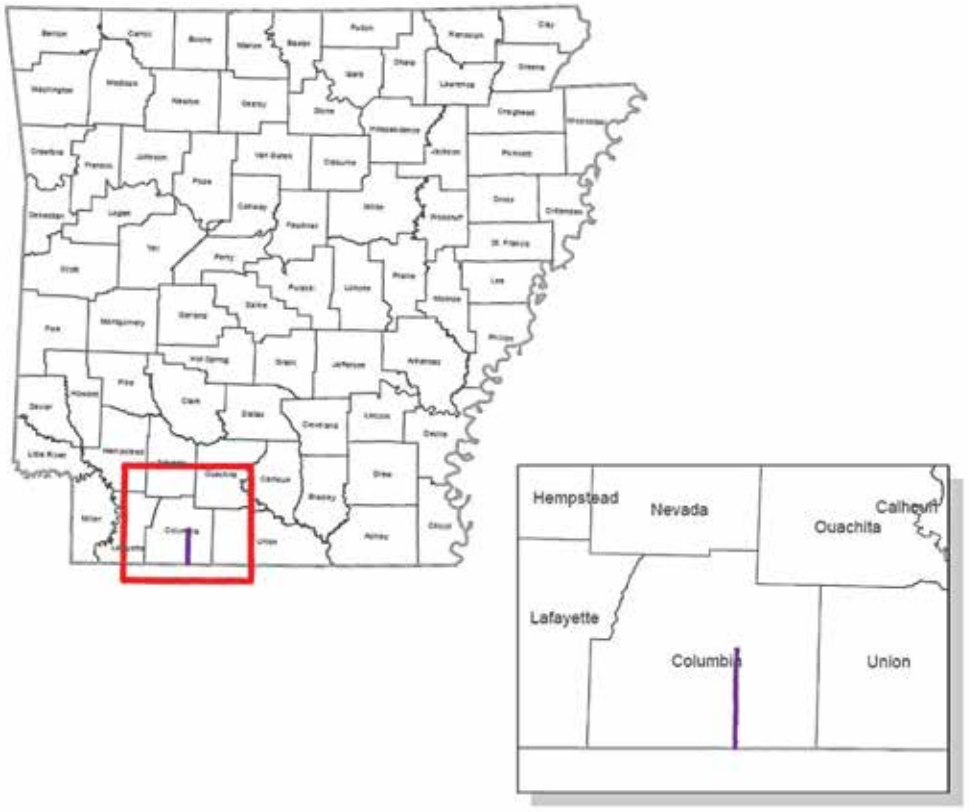
EMERGENCY CONTACT:
1-800-753-5531

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

ARKANSAS
COUNTY OF OPERATION:

Columbia

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



NuStar Pipeline Operating Partnership L.P.

NuStar Energy - Central East Region
7340 W. 21st North, Suite 200
Wichita, KS 67205
Phone: 316-773-9000
PublicAwarenessCE@nustarenergy.com
Website: www.nustarenergy.com

ABOUT NUSTAR PIPELINE OPERATING PARTNERSHIP L.P.

The goal of the NuStar Energy 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.

NuStar Pipeline Operating Partnership L.P. is a subsidiary of NuStar Energy L.P. Our business unit consists of pipeline systems, ranging between 3” to 16” in diameter, that transports refined petroleum products, including gasoline, diesel, and propane throughout Kansas, Nebraska, Iowa, South Dakota, North Dakota, and Minnesota. We also operate an anhydrous ammonia pipeline system in Louisiana, Arkansas, Missouri, Illinois, Indian, Iowa and Nebraska ranging between 3” to 10” in diameter. Anhydrous ammonia is primarily used as agricultural fertilizer and used as a feedstock to a number of industrial applications.

Please read and keep these important safety messages located in the brochure and company profile provided in the event you need to reference them in the future.

Contact us for more information about our Integrity Management Program or Emergency Response Plan.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

At NuStar, the health and safety of our personnel, customers, and neighbors and the protection of the environment are core business values. NuStar is committed to achieving health, safety and environmental (HSE) excellence throughout the organization. NuStar emphasizes its HSE commitment through internal audits, public awareness, damage prevention, pipelines integrity management, emergency response preparedness, and other programs. In addition, most of NuStar’s pipelines are operated via satellite communication systems from a central control room located in San Antonio, TX. This control center is equipped with state-of-the-art computer systems designed to continuously monitor real-time operational data, operate equipment associated with the delivery of crude oil, refined products, and anhydrous ammonia, and control safety measures to ensure smooth and safe operation of our pipelines.

EMERGENCY CONTACT:
1-800-759-0033

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Ammonia	1005	125

ARKANSAS
COUNTIES OF OPERATION:

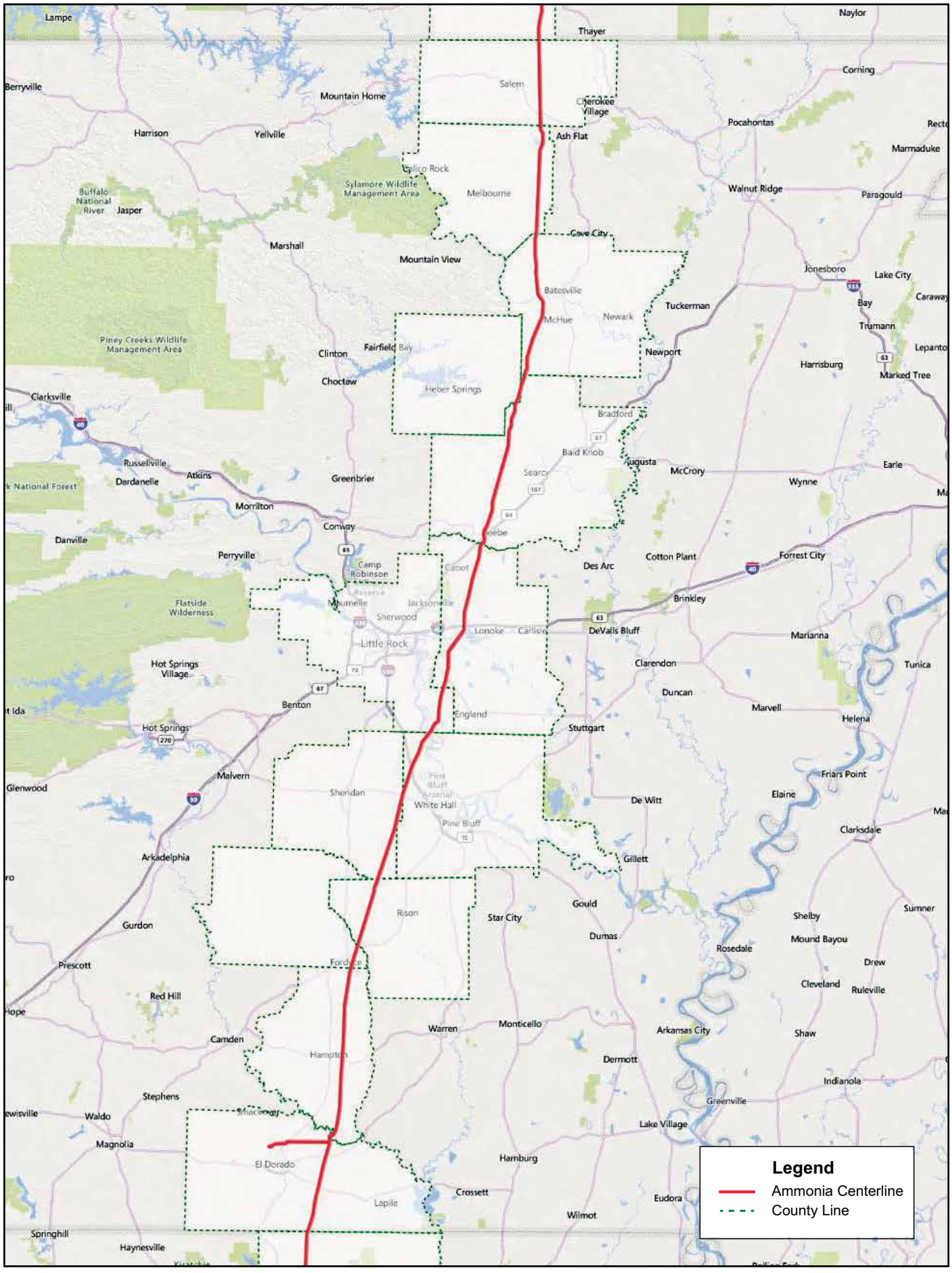
Calhoun	Izard
Cleburne	Jefferson
Cleveland	Lonoke
Dallas	Pulaski
Fulton	Union
Grant	White
Independence	

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

ERP™
EMERGENCY RESPONSE PORTAL

BE PREPARED

Please visit Emergency Response Portal to register for access to more information about NuStar’s Emergency Response Plan including how to contact us directly from the site. If you are already registered, you will receive email notifications when there are additional resources in your area of jurisdiction.



Base map courtesy of openstreetmap.org

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!

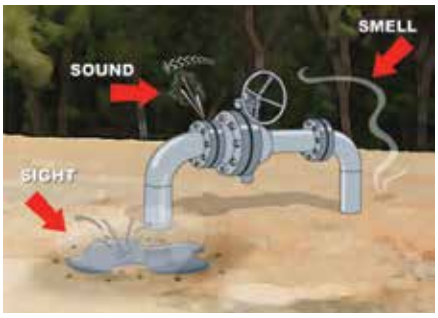
811
Know what's **below.**
Call before you dig.

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.

EMERGENCY CONTACT:
1-844-940-3077

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Baxter	Lawrence
Clay	Logan
Conway	Pope
Franklin	Randolph
Greene	Sebastian
Izard	Sharp
Johnson	Van Buren

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

- Warn others to stay away when possible.

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 Ozark Gas Transmission, LLC emergency response plans and procedures, contact us directly.

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.

Permian Express is an approximately 1,700-mile crude oil pipeline system and extends from producing areas in the Permian Basin of Texas through to Arkansas, Louisiana, Illinois, Missouri and Oklahoma. Permian Express, a joint venture, is operated by Sunoco Pipeline.

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

Faulkner, Garland, Howard, Independence, Lawrence, Little River, Montgomery, Perry, Pike, Pulaski, Randolph, Saline, Sevier and White counties:
Jeffrey McKinney
Operations Manager
903-291-6940 (w), 903-353-1111 (m)
jeffrey.mckinney@energytransfer.com

EMERGENCY CONTACT:
1-800-753-5531

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128

ARKANSAS
COUNTIES OF OPERATION:

Faulkner	Perry
Garland	Pike
Howard	Pulaski
Independence	Randolph
Lawrence	Saline
Little River	Sevier
Montgomery	White

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

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. owns and operates regulated crude oil transmission pipelines throughout Arkansas.

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.

SPILL RESPONSE EQUIPMENT

Plains Pipeline, L.P. maintains emergency response equipment at strategically located facilities.

EMERGENCY CONTACT:
1-800-708-5071

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1297	128

ARKANSAS
COUNTIES OF OPERATION:

Cleburne	Pope
Conway	Prairie
Crittenden	Sebastian
Cross	St. Francis
Franklin	Van Buren
Johnson	White
Logan	Woodruff

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

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

2917 Old Greenwood Rd Suite 10
Fort Smith, AR 72903
Phone: (479) 783-7022 ext 108

ROSS EXPLORATIONS, INC.
OIL AND GAS PRODUCTION

WHO IS ROSS EXPLORATIONS, INC.

We are an oil and gas exploration and production company who operates approximately 50 miles of natural gas gathering pipeline in Logan, Yell, and Sebastian county Arkansas.

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 one of the numbers listed in this document.

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!

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 CONTACT:
1-479-650-3589

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

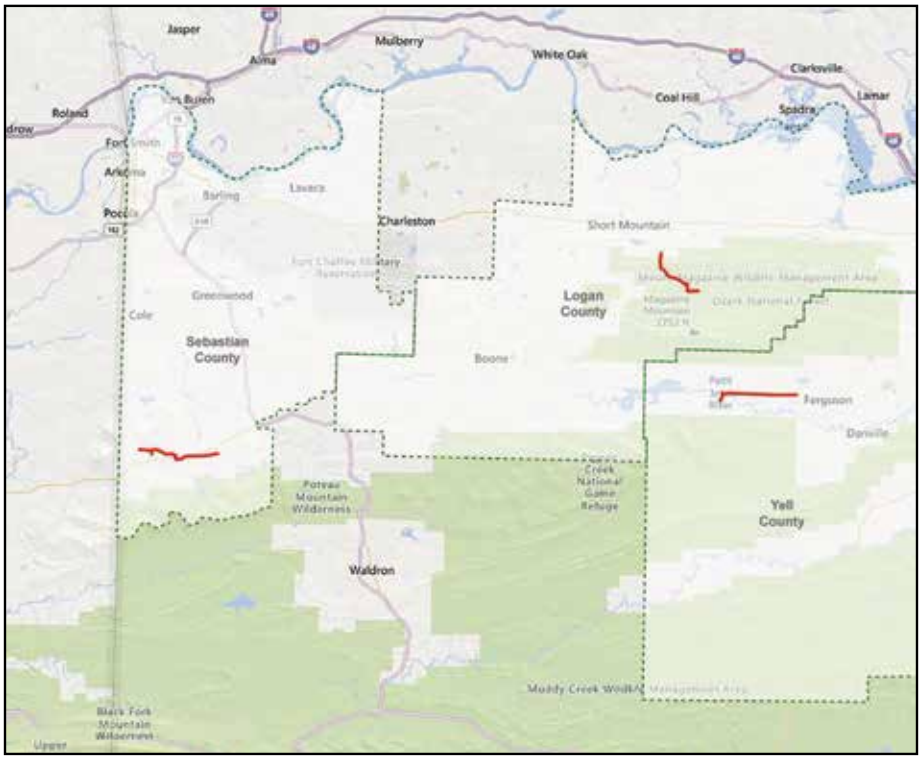
ARKANSAS
COUNTIES OF OPERATION:

Logan Yell
Sebastian

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

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 Ross Explorations Pipelines emergency response plans and procedures, contact us directly.



1400 Centerview Drive, Ste 100
Little Rock, AR 72211
Phone: 1-800-992-7552
Website: www.SummitUtilities.com

ABOUT SUMMIT UTILITIES

We operate nearly 13,909 miles of odorized distribution and 69 miles of odorized transmission, and approximately 508,629 service lines in Arkansas.

Natural Gas is an important source of energy for America's homes and businesses. Summit Utilities is privileged to provide energy to our customers in Arkansas by transporting natural gas through a network of underground pipelines. Year after year, pipelines prove to be one of the safest and most reliable modes of energy transportation. Summit Utilities is dedicated to the continued safe operation of our pipelines for your protection and the protection of the environment. We are committed to an outstanding safety record. We maintain 24-hour surveillance and perform routine inspections, computer monitoring, corrosion protection, maintenance/testing programs, and employee training.

WHAT DOES SUMMIT UTILITIES DO IF A LEAK OCCURS?

To prepare for the event of a leak, Summit Utilities regularly communicates, plans and trains with local emergency responders. Upon the notification of an event or leak Summit Utilities will immediately dispatch trained personnel to assist emergency responders.

Summit Utilities personnel and emergency responders are trained to protect life, property and facilities in the case of an emergency.

Summit Utilities personnel will also take steps to minimize the amount of leakage and to isolate the pipeline emergency.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Summit Utilities works hard to maintain the integrity and safety of our pipeline systems. We stay in touch with industry and government organizations to monitor potential threats and study new technologies that will help keep our facilities as safe and secure as possible.

Neighbors like you can help us maintain a safe, secure and reliable pipeline system. If you observe any unusual or suspicious activities near our pipeline facilities, or in the unlikely event an emergency occurs, please call us immediately at **1-800-992-7552**.

HOW TO GET ADDITIONAL INFORMATION

If you need general information, more information on Pipeline Safety and Integrity or have a non-emergency question, please visit www.SummitUtilities.com, or call us at 1-800-992-7552.

FOR EMERGENCY RESPONSE OFFICIALS

The following guidelines are designed to ensure the safety of those in the area if a natural gas pipeline leak is suspected or detected:

Possible actions to secure the area around the leak

- Evacuating people from homes, businesses, schools and other locations.
- Erecting barricades to prevent access to the emergency site.

Possible steps to prevent ignition of a pipeline leak

- Re-routing traffic, shutting off electricity and residential gas supply by qualified individuals.
- Preventing ignition sources from entering the emergency site.

EMERGENCY CONTACT:
1-800-992-7552

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTIES OF OPERATION:

Arkansas	Garland	Ouachita
Ashley	Grant	Perry
Benton	Greene	Phillips
Boone	Hempstead	Pike
Bradley	Hot Spring	Poinsett
Calhoun	Howard	Polk
Chicot	Independence	Pope
Clark	Jackson	Prairie
Clay	Jefferson	Pulaski
Cleburne	Johnson	Randolph
Cleveland	Lafayette	Saint Francis
Columbia	Lawrence	Saline
Conway	Lee	Sebastian
Craighead	Lincoln	Sevier
Crawford	Little River	Sharp
Crittenden	Logan	Union
Cross	Lonoke	Van Buren
Dallas	Miller	Washington
Desha	Mississippi	White
Drew	Monroe	Woodruff
Faulkner	Montgomery	Yell
Franklin	Nevada	

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

Contact Summit Utilities

- Contact Summit Utilities as quickly as possible at **1-800-992-7552**.
- Pipeline markers provide our name, phone number and product (natural gas) within the pipeline.
- Do not operate any valves; this action could escalate the emergency.
- Summit Utilities will dispatch personnel to aid in the response of the emergency.

911 Telecommunications

Dispatch personnel play a critical role in effective response to pipeline emergencies. A dispatcher's actions can save lives, protect property, and direct the appropriate emergency responders to the scene. Follow these simple guidelines in the case of a pipeline emergency involving Summit Utilities facilities:

- Gather the information (if possible), about release characteristics such as burning or blowing
- Know the appropriate response for release of natural gas
- Know the wind direction at the time
- Warn of ignition sources if possible
- Dispatch appropriate emergency responders
- Contact Summit Utilities immediately at 1-800-992-7552

FOR CONTRACTORS AND EXCAVATORS

One of the leading causes of pipeline failure is from someone damaging the pipeline when they're digging near it. Summit Utilities watches for unauthorized digging, but we are also asking for your help.

Signs of a Natural Gas Pipeline Leak

Any one of the following could be a sign of a leak:

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

What to Do If You Suspect a Pipeline Leak

- Leave the area and try to prevent anyone from entering.
- Abandon any equipment being used in or near the area.
- Avoid any open flames or smoking material.
- Avoid introducing any sources of ignition to the area (such as cell phones, pagers and two-way radios).

- Do not start or turn off motor vehicles or electrical equipment.
- Do not attempt to extinguish a natural gas fire.
- Do not attempt to operate any pipeline valves.
- Call 911 from a safe location or contact your local fire department or law enforcement personnel.
- Notify Summit Utilities by calling 1-800-992-7552 or the emergency number listed on the pipeline marker.

ALWAYS CALL 811 BEFORE YOU DIG

Arkansas has established a one-call notification center and requires by law that you call 48 hours before digging. Simply dial 811 to reach the one-call center for your area to ensure your safety. If you're unable to reach your state's one-call center by dialing 811, **call Arkansas One-Call at 1-800-482-8998**.

To request a line locate call 811 or click Arkansas811.com.

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

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 Summit Utilities emergency response plans and procedures, contact us directly at publicawareness@summitutilities.com.

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. 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.

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**.

EMERGENCY CONTACT:
1-800-231-7794

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

ARKANSAS
COUNTIES OF OPERATION:

Clark	Hempstead	Miller
Clay	Hot Spring	Nevada
Craighead	Jackson	Pulaski
Dallas	Lafayette	Saline
Grant	Lawrence	White
Greene	Lonoke	

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

Incident Command System

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

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

ARKANSAS
COUNTIES OF OPERATION:

Ashley	Lee
Chicot	Phillips
Cleburne	St. Francis
Conway	White
Faulkner	Woodruff

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.

Tomorrow RNG
An ENBRIDGE company

Tomorrow RNG
610 Elm St., Ste. 300
McKinney, TX 75609
(432) 813-4184
Website: www.tomorrowrng.com

ABOUT TOMORROW RNG

Tomorrow RNG (TRNG), located in McKinney, TX operates a jurisdictional natural gas transmission pipeline in Arkansas. The Morrow pipeline system identify as SouthTex/ Cambrian near Sebastian County.

WHAT DOES TOMORROW RNG DO IF A LEAK OCCURS?

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

The pipeline operator and emergency responders are trained to protect life, property and facilities in case of an emergency.

Tomorrow RNG 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

Tomorrow RNG invests significant time and capital maintaining the quality and integrity of their pipeline systems.

Operator personnel continually monitor the pipeline system and assess changes in pressure and flow. We notify field personnel if there is a possibility of a leak.

Specific information about our emergency response program and operations may be obtained by contacting us directly.

EMERGENCY CONTACT:
Sebastian –SouthTex/Cambrian
1-800-753-6643

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

ARKANSAS
COUNTIES OF OPERATION:

Sebastian

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

PRODUCTS TRANSPORTED

Product: Natural Gas

Leak Type: Gas

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

Product 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.

HOW TO GET ADDITIONAL INFORMATION

For additional information contact us at
(432) 813-4184
www.tomorrowrng.com

1300 Main St.
Houston, TX 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:

Chicot county:
Ricky Duncan
Operations Manager
318-822-3360 (w), 318-348-5691 (m)
ricky.duncan@energytransfer.com

EMERGENCY CONTACT:
1-800-225-3913

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115

ARKANSAS
COUNTY OF OPERATION:

Chicot

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#:		
Diesel	1993	128
Gasoline	1203	128

ARKANSAS
COUNTIES OF OPERATION:

Crittenden

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 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.

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

- *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.

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*

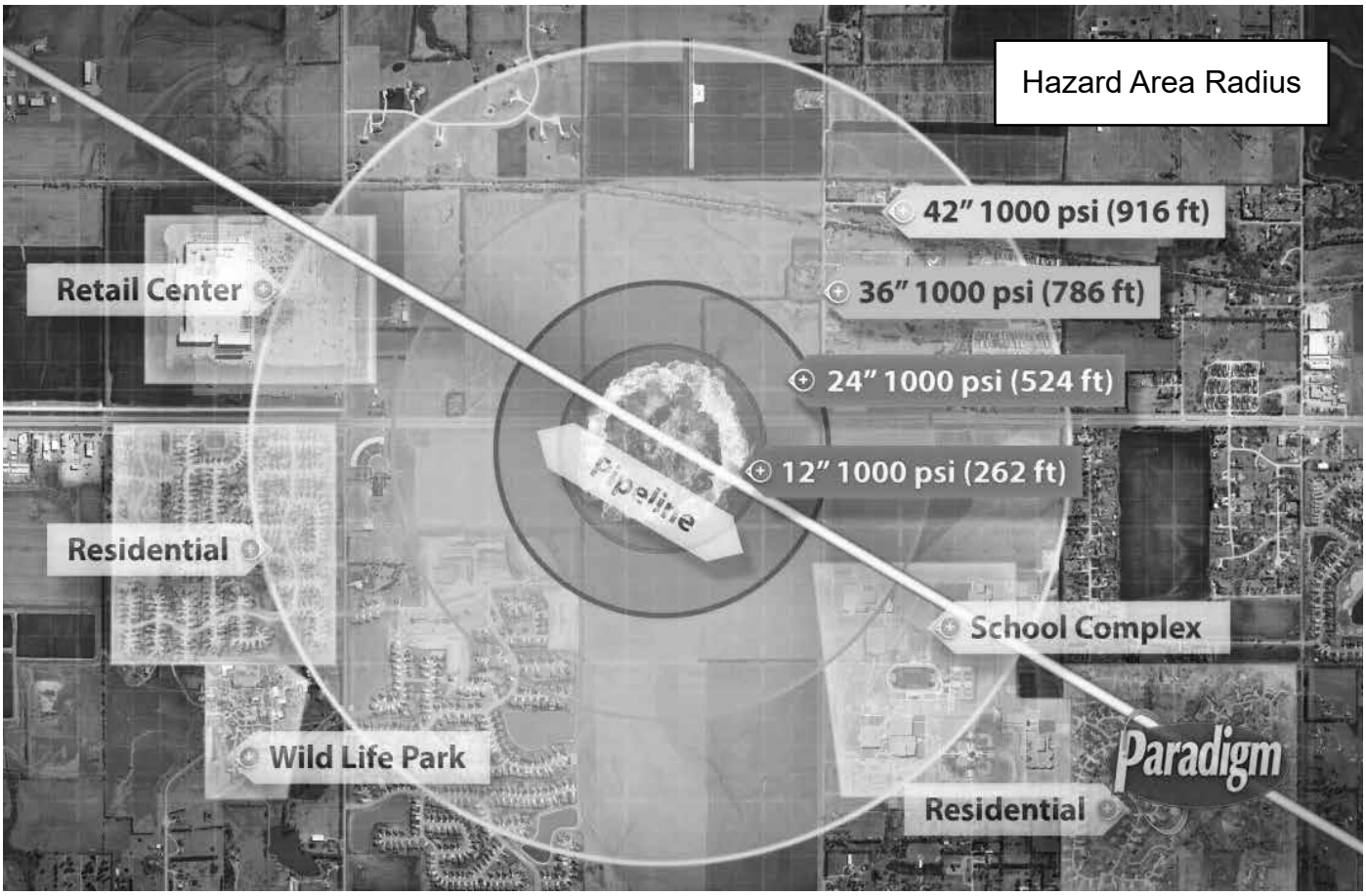
Hazardous Liquids

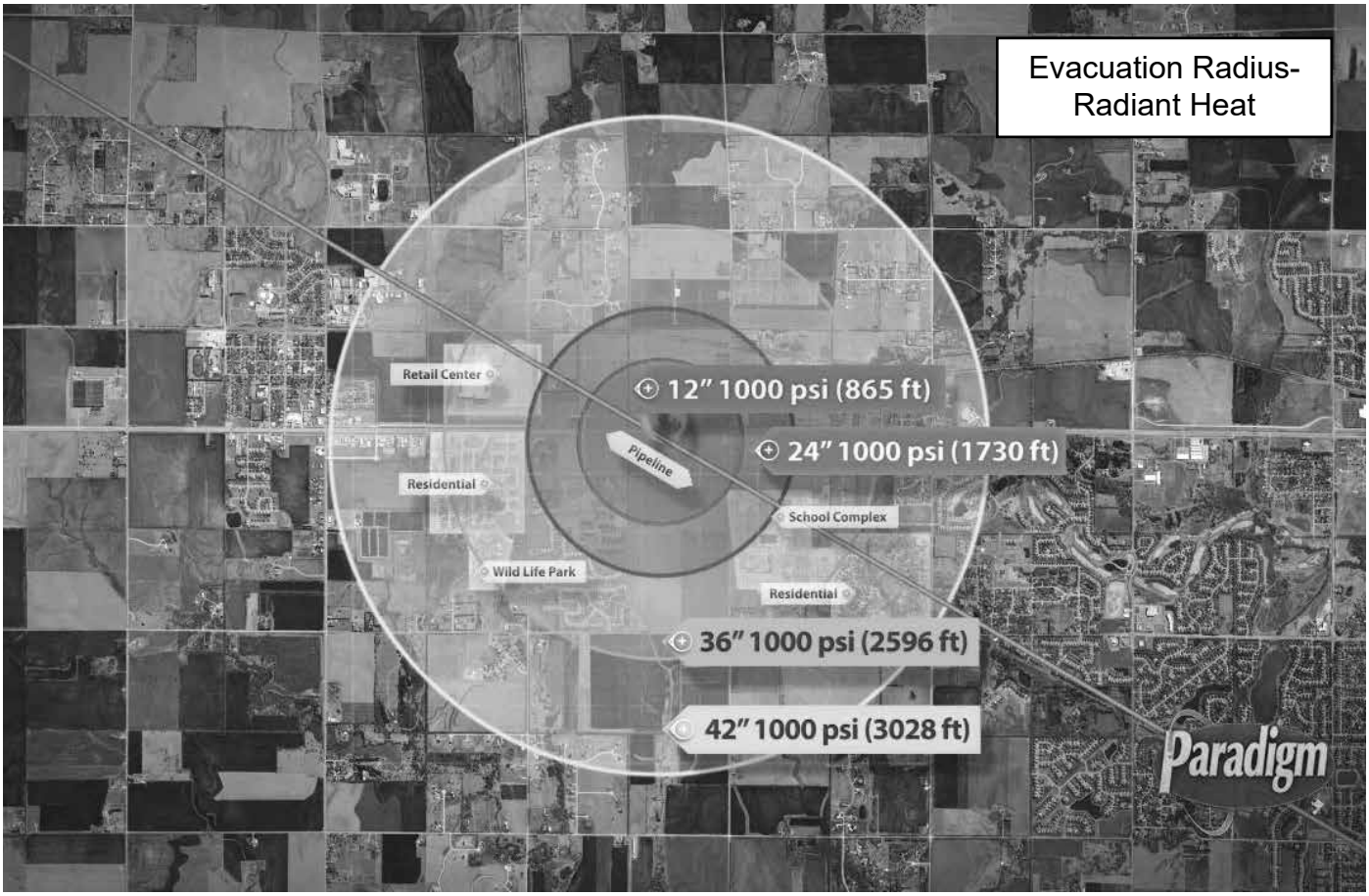
(a) General: Each operator shall prepare and follow for each pipeline system a manual of written procedures for conducting normal operations and maintenance activities and handling abnormal operations and emergencies. This manual shall be reviewed at intervals not exceeding 15 months, but at least once 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
www.nena.org/?

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

National Pipeline Mapping System
https://www.npms.phmsa.dot.gov

National Response Center
https://www.epa.gov/emergency-response/national-response-center

Paradigm Liaison Services, LLC
www.pdigm.com

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

Wireless Information System for Emergency Responders (WISER)
https://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®

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

Calling 811 is the most important step!

One easy call gets your utility lines marked and helps protect you from injury and expense. Whether you are planning to do it yourself or hire a professional, smart digging means calling 811 before each job.

Visit call811.com for more information

ARKANSAS

Arkansas 811: 800-482-8998 or 811
Website: www.arkansas811.com
Hours: 24/7
Advance Notice: 2 to 10 working days
Marks Valid: 20 working days
Law Link: arkonecall.com/statelaw/statelaw.aspx

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	DOT	Homeowner	Railroad	Agriculture	Depth	Damage	Design	Emergency	Overhead	Large Projects	Tolerance Zone
N	Y	Y	Y	Y	Y	Y	N	Y	Y	Y	N	N	N	N	N	N	N	Y	Y	N	Y	18"

Paradigm®

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