

ILLINOIS



COORDINATED RESPONSE EXERCISE[®]

Pipeline Safety Training For First Responders



EMERGENCY RESPONSE MANUAL

Overview

Operator Profiles

Emergency Response

NENA Pipeline Emergency Operations

Signs of a Pipeline Release

High Consequence Area Identification

Pipeline Industry ER Initiatives

Pipeline Damage Reporting Law

2025

EMERGENCY CONTACT LIST

COMPANY	EMERGENCY NUMBER
Ameresco	1-866-497-2284
Alliance Pipeline	1-800-884-8811
Alliant Energy - Interstate Power and Light	1-800-758-1576
Alliant Energy - Interstate Power and Light (Public)	1-800-255-4268
BP Pipelines (North America) Inc.	1-800-548-6482
Buckeye Partners, L.P.	1-800-331-4115
CITGO Petroleum Corporation - Arlington Heights Terminal	1-800-471-9191
Countrymark Refining and Logistics, LLC.....	1-812-838-8500
or	(Ext. 8500) 1-800-832-5490
Dakota Access Pipeline.....	1-800-753-5531
Enable Mississippi River Transmission	1-800-325-4005
Enbridge Energy Company, Inc. / Platte Pipe Line Company / Texas Eastern Transmission (Liquids)	1-888-449-7539
or	1-800-858-5253
Enbridge Energy Company, Inc. / Platte Pipe Line Company / Texas Eastern Transmission (Gas)	1-800-231-7794
Energy Transfer Crude Oil	1-800-753-5531
Enterprise Products Operating LLC	1-888-883-6308
Explorer Pipeline Company.....	1-888-876-0036
ExxonMobil Pipeline Company	1-800-537-5200
Flint Hills Resources.....	1-800-688-7594
Magellan Midstream Partners, L.P.	1-800-720-2417
MidAmerican Energy Company (Public)	1-800-595-5325
MidAmerican Energy Company (Emergency Responders).....	1-800-275-5743
MoGas Pipeline LLC	1-800-282-4916
NuStar Pipeline Operating Partnership, L.P.....	1-800-759-0033
Panhandle Eastern Pipe Line.....	1-800-225-3913
Patoka Terminal Company, LLC.....	1-618-231-4428
Pembina ASM.....	1-800-360-4706
Pembina Cochin LLC	1-800-360-4706
Permian Express	1-800-753-5531
Phillips 66 Pipelines LLC.....	1-877-267-2290
Plains Pipeline, L.P.....	1-800-708-5071
or	1-800-322-7473
Shell Pipeline Company LP.....	1-800-922-3459
Spire	1-314-535-8508
Tallgrass (Rockies Express Pipeline)	1-877-436-2253
Texas Gas Transmission, LLC	1-800-626-1948
Trunkline Gas	1-800-225-3913
Valero Terminaling and Distribution Company	1-866-423-0898
Vector Pipeline	1-888-427-7777
West Shore Pipe Line Company.....	1-888-625-7310
Wolverine Pipe Line Company.....	1-888-337-5004
Zenith Energy Terminals, Joliet Holdings LLC	1-800-436-4301

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
JULIE, INC.	1-800-892-0123
811 Chicago	1-312-744-7000
National One-Call Referral Number	1-888-258-0808
National One-Call Dialing Number	811

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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*.

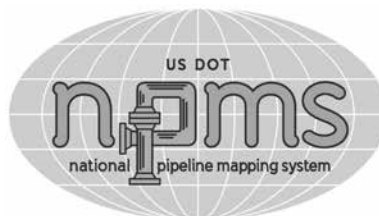
The Guidebook is available at:

<https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2024-04/ERG2024-Eng-Web-a.pdf>

Pipeline Emergency Response **PLANNING INFORMATION**

ON BEHALF OF:

Alliance Pipeline	Panhandle Eastern Pipe Line
Alliant Energy - Interstate Power and Light	Patoka Terminal Company, LLC
Ameresco	Pembina ASM
BP Pipelines (North America) Inc.	Pembina Cochin LLC
Buckeye Partners, L.P.	Permian Express
CITGO Petroleum Corporation	Phillips 66 Pipelines LLC
Countrymark Refining and Logistics, LLC	Plains Pipeline, L.P.
Dakota Access Pipeline	Platte Pipe Line Company
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Explorer Pipeline Company	Texas Gas Transmission, LLC
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Flint Hills Resources	Valero Terminals and Distribution Company
Magellan Midstream Partners, L.P.	Vector Pipeline
MidAmerican Energy Company	West Shore Pipeline Company
MoGas Pipeline LLC	Wolverine Pipe Line Company
NuStar Pipeline Operating Partnership, L.P.	Zenith Energy Terminals Joliet Holdings 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

<u>Type 1 Products</u>	<u>Flash Point</u>	<u>Ignition Temperature</u>
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

<u>Type 3 Products</u>	<u>Flash Point</u>	<u>Ignition Temperature</u>
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, CO₂, water spray or regular foam.

Large Fire

- Water spray, fog or regular foam.

PRODUCT: Crude Oil	
DOT GUIDEBOOK ID #: 1267	GUIDE #: 128

PRODUCT: Diesel Fuel	
DOT GUIDEBOOK ID #: 1202	GUIDE #: 128

PRODUCT: Jet Fuel	
DOT GUIDEBOOK ID #: 1863	GUIDE #: 128

PRODUCT: Gasoline	
DOT GUIDEBOOK ID #: 1203	GUIDE #: 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

- 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 #: 1968	GUIDE #: 115

PRODUCT: Butane	
DOT GUIDEBOOK ID #: 1075	GUIDE #: 115

PRODUCT: Ethane	
DOT GUIDEBOOK ID #: 1035	GUIDE #: 115

PRODUCT: Propylene	
DOT GUIDEBOOK ID #: 1075/1077	GUIDE #: 115

PRODUCT: Natural Gas Liquids	
DOT GUIDEBOOK ID #: 1972	GUIDE #: 115

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

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.

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.

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- 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.

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FIRE

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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 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.
- 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.

DOT GUIDEBOOK ID #: GUIDE #:
1971 115

CHEMICAL NAMES:

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

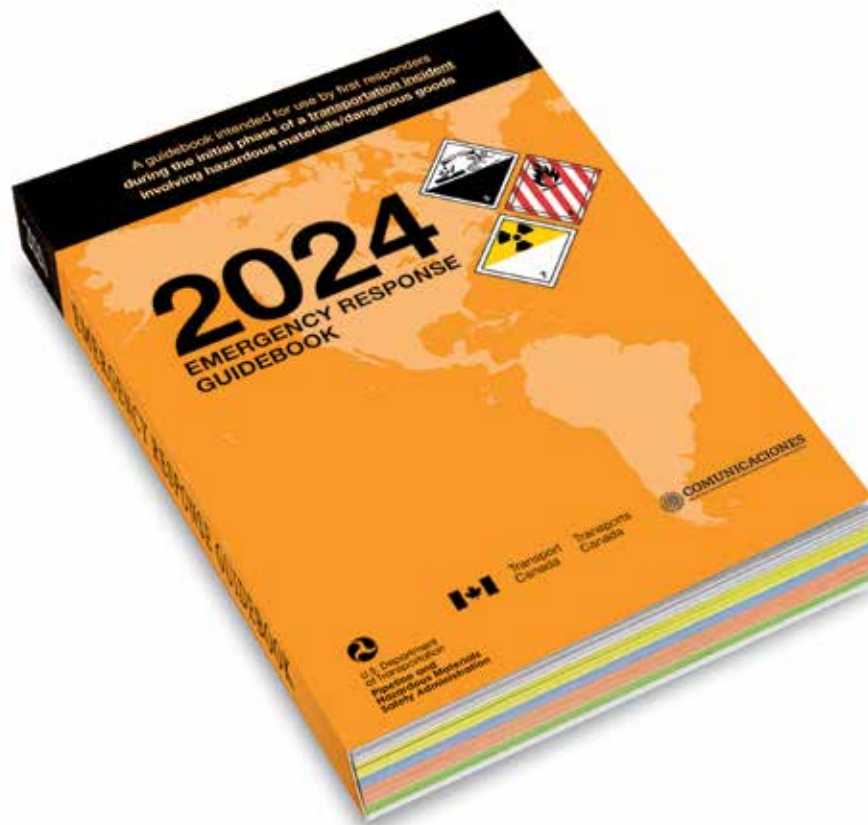
CHEMICAL FAMILY:

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>



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



US South Alliance Area Office
1208 East Summit Street
Maquoketa, IA 52060
Phone: 563-652-0532
Fax: 563-652-0494

Pembina U.S.
1300 Post Oak Blvd. Suite 1050
Houston, TX 77056
Toll Free: 1-888-428-3222
Website: www.pembina.com

INCIDENT COMMAND SYSTEM

Alliance 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 Alliance.

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 Alliance Pipeline representatives
5. Implement your local emergency plan.

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>.



EMERGENCY CONTACT:

1-800-884-8811

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Natural Gas	1971	115
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ILLINOIS COUNTIES OF OPERATION:

Bureau	Rock Island
Grundy	Whiteside
La Salle	Will

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

ALLIANCE PIPELINE UNIQUE CHARACTERISTICS

- Un-odorized
- 1,935 psig - Operating Pressure
- 36" Pipe
- .622" Pipe thickness, thicker under roadways and rivers
- Compressor Stations located every 120 miles
- Automated Block Valves located every 20 miles
- High Energy Natural Gas
 - Methane
 - Propane
 - Butane
 - Ethane
 - Pentane





Iowa Office
Attn: Gas Compliance
200 1st St SE
Cedar Rapids IA 52401
Phone: 800-ALLIANT or 800-255-4268
Emergency Contact: 800-758-1576
Website: alliantenergy.com/gas

INCIDENT ACTION PLAN

Emergency Response Plan

- Protect people first, property second
- Isolate area and deny entry
- Determine if atmosphere is safe
- Establish hazard control zones
- Evacuate if necessary
- Notify Alliant Energy
- Eliminate ignition sources
- If ignited, allow to self-extinguish
- Contain or control secondary fires

PIPELINES UNIQUE CHARACTERISTICS (ILLINOIS)

Natural gas transmission pipelines:

- Two natural gas transmission pipelines running parallel from Hooppole IL to Clinton IA
 - 26 miles of a 12" natural gas pipeline
 - 26 miles of a 10" natural gas pipeline
- Mileage:
 - Whiteside County: 22 ½ miles
 - Henry County: 3 ½ miles

Natural gas distribution pipelines:

- None

Natural gas services:

- None

IOWA CONTACTS:

Brad Weber (Manager Customer Operations)

Phone: (563) 244-9624

Email: BradWeber@alliantenergy.com

Brian Peterson (Manager Gas Distribution & Metering)

Phone: (641) 754-5885

Email: BrianPeterson@alliantenergy.com

Lisa Hinzman Howard (Regulatory Specialist II)

Phone: (319) 786-7101

Email: LisaHoward@AlliantEnergy.com

EMERGENCY CONTACT:

1-800-758-1576

PUBLIC EMERGENCY:

1-800-255-4268

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Natural Gas	1971	115
Electricity		

ILLINOIS

COUNTIES OF OPERATION:

Henry

Whiteside

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



Alliant Energy Pipeline Makers – Found at road crossings, fence lines and street intersections. Markers do not indicate center of pipeline.





ABOUT AMERESCO

Ameresco, Inc. headquartered in Framingham, MA, is an energy services provider of Green, Clean & Sustainable Energy.

Ameresco owns and operates pipelines throughout the United States. These pipelines are part of Ameresco's Practical Renewable Energy Solutions that takes methane from landfills and biogas from waste water treatment facilities and sends the gas to an end user.

Ameresco has pipelines in Arizona, California, Georgia, Indiana, Michigan, Missouri, South Carolina and Texas.

WHAT DOES AMERESCO DO IF A LEAK OCCURS?

In the event of a leak, Ameresco's qualified pipeline operators communicate with local emergency personnel and first responders. Upon the notification of an incident or leak, Ameresco will dispatch trained personnel to evaluate the situation, shutdown and isolate the pipeline if necessary and assist emergency personnel and first responders.

Ameresco pipeline operators, emergency personnel and first responders are trained to protect life, property & facilities in the event of an emergency.

Ameresco pipeline operators will also take steps to minimize the amount of product (gas/methane) that leaks out to the atmosphere and to isolate the pipeline if necessary.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

Ameresco has invested significant time and capital maintaining the safety, quality and integrity of their pipeline systems. All operators have had computer based training and field training to ensure that all safety and precautions are kept to the highest industry standards.

All Ameresco pipelines are continuously monitored for changes in pressure and flow.

These pipelines are protected by multiple automatic shut-off valves, pressure relief valves and manually operated valves used in the event of emergency or excessive pressure.

Ameresco and their operators have developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). Specific information about Ameresco may be found on our Web site or by contacting us directly.

HOW TO GET ADDITIONAL INFORMATION

Contact Ameresco at www.ameresco.com or 866-AMERESCO (866)-263-7372.

EMERGENCY CONTACT: 1-866-497-2284

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

ILLINOIS COUNTIES OF OPERATION:

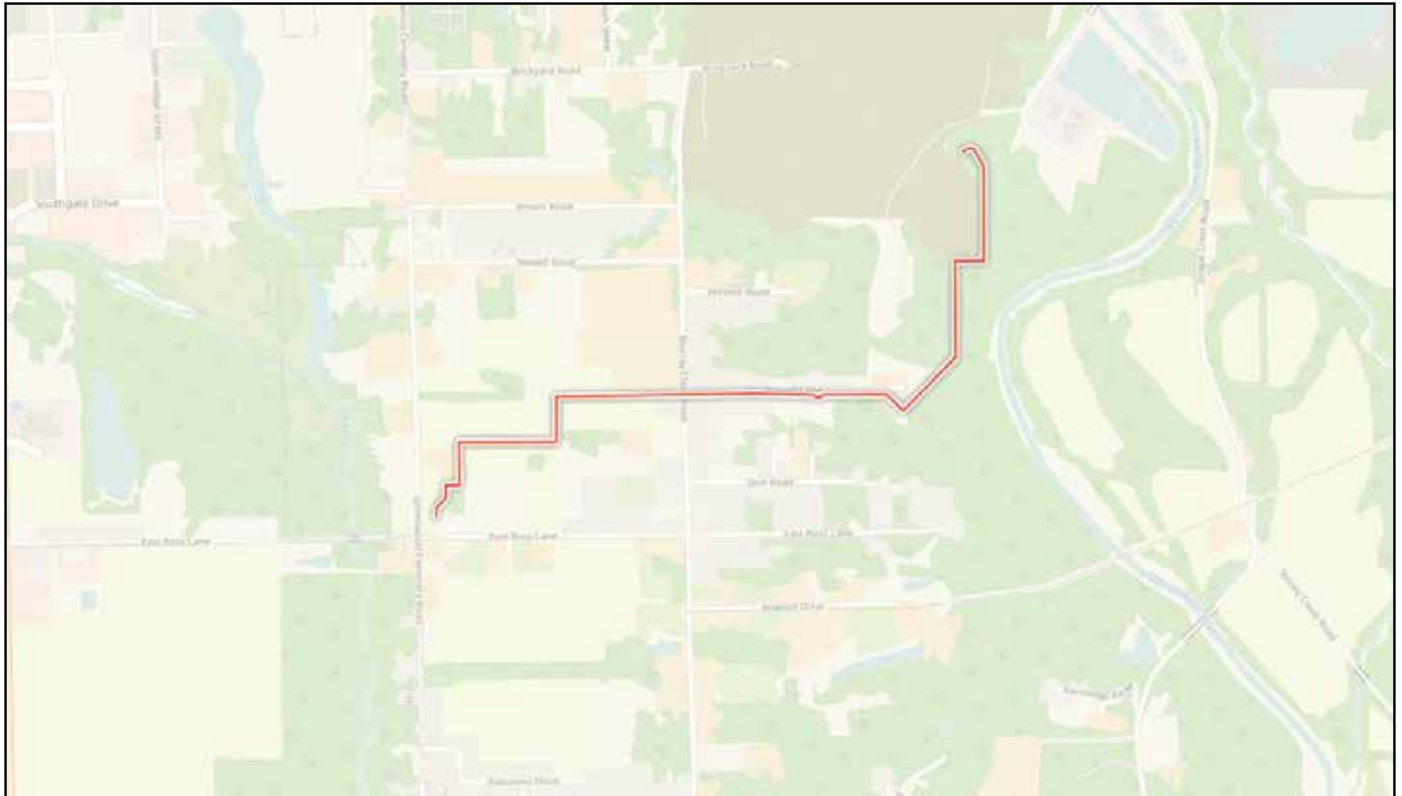
Vermilion

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



PRODUCTS TRANSPORTED IN YOUR AREA

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



Diameter of assets
Ameresco Brickyard RNG LLC: 3.5" Steel

AMERESCO BRICKYARD RNG LLC FACILITY CONTACT INFORMATION

*****IN AN EMERGENCY EVENT CALL 911*****

FACILITY:

Ameresco Brickyard RNG LLC
601 Brickyard Rd.
Danville, IL 61832

OPERATOR(S):

Andrew Caudill
Mobile: 217-918-0263
Email: acaudill@ameresco.com

Kyle Threadgill
Mobile: 770-722-5045
Email: kthreadgill@ameresco.com

MANAGEMENT:

Jacob Quarles
Regional Manager
Office: N/A
Mobile: 903-573-5282
Email: jacob.quarles@ameresco.com

Harold Stewart
Director-Plant Operations
Office: N/A
Mobile: 847-463-0628
Email: hstewart@ameresco.com

COMPLIANCE TEAM:

Frank Terry
Manager-Pipeline Compliance
Mobile: 919-389-2076
Email: fterry@ameresco.com

Richard Peary
Compliance Manager
Mobile: 781-267-0063
Email: rpeary@ameresco.com

POLICE DEPARTMENT:

Danville Police Department
Public Safety Building
2 East South Street
Danville, IL 61832
Phone: 217-431-2250
Emergency: 911

FIRE DEPARTMENT:

City of Danville Fire Department
1111 North Griffin Street
Danville, IL 61832
(217) 431-2350

HOSPITAL:

OSF Sacred Heart Medical Center
812 N Logan Ave
Danville, IL 61832
(217) 443-5000

*PCP-01 - Operations, Maintenance
and Emergency Response Manual
Ameresco Gas Pipelines
Rev. February 9, 2024*



8230 Whitcomb St.
Merrillville, IN 46410
Phone: 1-800-548-6482
Email: bpDamagePrevention@bp.com
Website: bp.com/pipelines

COMPANY PROFILE

BP Pipelines (North America) Inc. business moves and delivers the energy that helps power economic growth, serving both the Midwest and Pacific Northwest regions. Every day, BP Pipelines (North America) Inc. manages more than 3,200 miles of pipelines carrying 1.1 million barrels of crude oil, natural gas and refined products. It also has an ownership stake in close to 1,500 miles of additional pipelines. The combined network of pipelines that BP Pipelines (North America) Inc. owns or manages is long enough to stretch from Chicago to London. The business currently maintains 70 above-ground storage tanks with a combined capacity of about 5.3 million barrels.

COMMITMENT TO SAFETY, HEALTH AND ENVIRONMENT

Safety is the foundation of everything BP does, every single day. Its goals are clear: no accidents, no harm to people and no damage to the environment. That's a huge responsibility — one BP does not take for granted.

In fact, whether looking at oil and gas production or refining and petrochemicals, BP's rate of Tier 1 events are below the published industry sector average. BP is proud of this progress, but also recognizes that it cannot rest on past achievements. Complacency undermines safety, which is why BP is working every day to become even better, even safer. Even as BP has prepared to respond to an accident, it also has worked hard to ensure that such a response is never needed. Among its many initiatives are:

- Visual inspections of BP's pipeline right-of-ways are conducted by airplanes, drones and/or ground patrols.
- Above ground marker signs are displayed along the right-of-ways to alert the public and contractors to the existence of our pipelines.
- Internal pipeline inspections are conducted periodically by sophisticated computerized equipment called "smart pigs".
- Cathodic Protection on our pipelines protects them from external corrosion through the use of an electrostatic current.
- BP is a member and/or participant of numerous damage prevention associations and a member of the "one-call" systems in every state in which we have pipeline facilities within.
- Emergency preparedness and planning measures are in place at BP Pipelines (North America) Inc. in the event that a pipeline incident occurs. The company also works closely with local emergency response organizations to educate them regarding our pipelines and how to respond in the unlikely event of an emergency. For more information regarding BP's emergency response plans and procedures, contact us at bpDamagePrevention@bp.com
- You can find out where our pipelines and other companies' pipelines are in your area by going to the National Pipeline Mapping System website at www.npms.phmsa.dot.gov.

EMERGENCY CONTACT:

1-800-548-6482

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
Diesel	1202	128
Fuel, Aviation	1202	128
Gasoline	1203	128

ILLINOIS

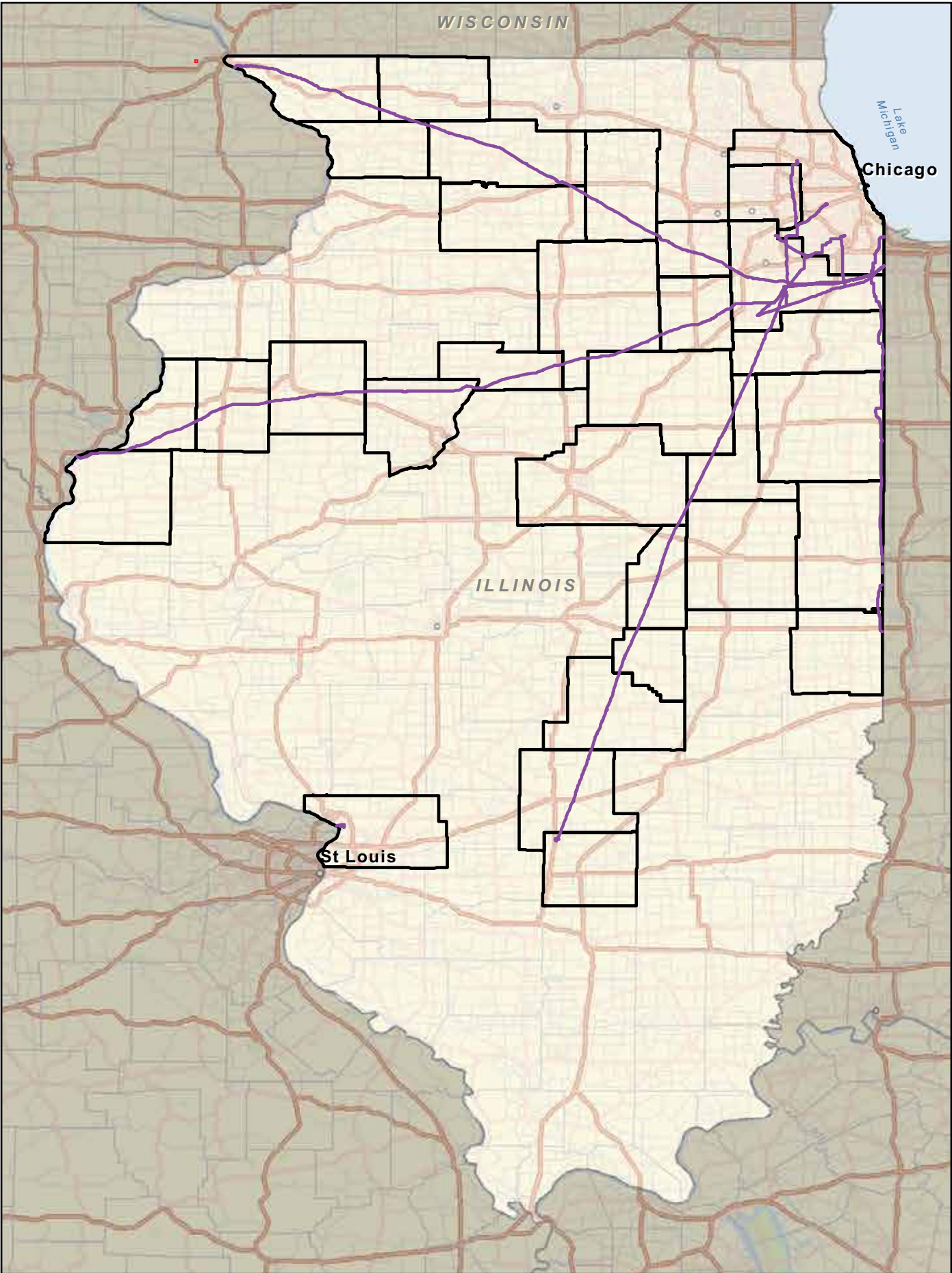
COUNTIES OF OPERATION:

Carroll	La Salle
Champaign	Lee
Cook	Livingston
De Kalb	Madison
Du Page	Marion
Edgar	Marshall
Fayette	McLean
Ford	Moultrie
Grundy	Ogle
Hancock	Peoria
Henderson	Piatt
Iroquios	Shelby
Jo Daviess	Stephenson
Kankakee	Vermillion
Kendall	Warren
Knox	Will

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

The pipeline system operated by BP Pipelines (North America) Inc. is a key element of the economic and security infrastructure of the United States. Our extensive network of pipes safely and reliably delivers the energy that America needs to heat homes, businesses and schools, and it also delivers the energy that fuels the vehicles, airplanes and machines that make modern life possible.



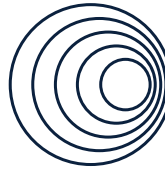




Scan to visit our website!

Contact Information

Public Awareness Non-Emergency Phone Number: (866) 432-4960
Public Awareness Email Address: PublicAwareness@buckeye.com
Public Awareness Website: buckeye.com/public-awareness



BUCKEYE PARTNERS

6161 Hamilton Blvd | Allentown, PA | 18106

ABOUT BUCKEYE PARTNERS, L.P.

Buckeye Partners, L.P. (Buckeye) provides mid-stream energy logistics services. Buckeye owns and operates one of the nation's largest independent petroleum products common carrier pipeline networks providing refiners, wholesalers, marketers, airlines, railroads, and other commercial end-users with dependable, all-weather transportation of liquid petroleum products through over 5,000 miles of pipelines. Buckeye transports liquid petroleum products by pipeline principally in the Northeastern and upper Midwestern states. Buckeye also operates and maintains pipelines it does not own, primarily in the Gulf Coast region, under contracts with major oil and petrochemical companies. The combination of experienced and responsive professional staff, technical expertise, and modern transportation facilities has earned Buckeye a reputation for providing high-quality, safe, reliable, and efficient pipeline transportation services.

In addition to pipeline transportation services, Buckeye provides terminalling, storage, and liquid petroleum product distribution services. Buckeye owns more than 130 liquid petroleum products terminals with an aggregate storage capacity of approximately 125 million barrels, and markets liquid petroleum products in certain regions served by its pipeline and terminal operations. Buckeye's flagship marine terminal in the Bahamas, Buckeye Bahamas Hub, is one of the largest crude oil and petroleum products storage facilities in the world, serving the international markets as a premier global logistics hub.

To learn more about Buckeye, log on to www.buckeye.com. To view the approximate location of pipelines in your area, visit the National Pipeline Mapping System at www.npms.phmsa.dot.gov. For general information about pipelines, visit www.pipeline101.com.

COMMITMENT TO HEALTH, SAFETY, AND THE ENVIRONMENT

Buckeye is committed to preventing hazards to the public, to the environment, and to Buckeye's facilities. Buckeye utilizes various programs to ensure the safety of its pipelines. Our control centers operate 24 hours a day, 7 days a week monitoring our pipeline leak detection system. Our Integrity Management Program consists of corrosion control, risk engineering, geographic information systems, and pipeline inspection. We also perform pipeline patrols and various other inspections. Our Public Awareness Program is designed to establish communications and provide information necessary to help the public understand that pipelines are the major transportation system for petroleum products and natural gas in the United States, how pipelines function, and the public's responsibilities to help prevent damage to pipelines. Accordingly, heightened awareness and a better understanding by the public of Buckeye's pipeline operations will supplement and enhance our current maintenance, operations, and safety policies and procedures. For more information about these programs, please visit Buckeye's website listed above or call **Buckeye's non-emergency Public Education number at 866-432-4960**.

EMERGENCY RESPONSE

Since pipelines are the safest and most efficient method of transporting petroleum products, pipeline incidents are rare. Buckeye appreciates the hard work and effort of the many emergency responders that may be involved in helping us return the community to normal in the event of an incident. In an emergency, Buckeye may utilize the Incident Command System during a response to a pipeline incident. The following are examples of critical tasks would need to be considered during a pipeline release:

- Public Safety / Evacuation
- Responder Safety
- Traffic Control

EMERGENCY CONTACT: 1-800-331-4115

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Butane	1011/1075	115
Diesel Fuel	1202/1993	128
Fuel Oil	1202/1993	128
Gasoline	1203	128
Jet Fuel	1863	128
Kerosene	1223	128
LPG	1075	115
Propane	1075/1978	115

ILLINOIS COUNTIES OF OPERATION:

Bond	Iroquois
Christian	Kankakee
Clark	Lawrence
Cook	Livingston
Cumberland	Macon
DeWitt	Macoupin
Douglas	Madison
DuPage	McLean
Edgar	Montgomery
Effingham	St. Clair
Fayette	Wabash
Ford	Will

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

- Vapor Suppression
- Site Security
- Firefighting
- Product Containment

Federal regulations require specific qualifications to operate pipeline equipment; therefore, Buckeye employees will perform these duties. DO NOT attempt to operate any pipeline equipment, such as valves, because doing so could make the situation worse.

Additional information on how to respond to incidents involving pipelines is available by contacting Buckeye or by obtaining training materials from the National Association of State Fire Marshals' sponsored Pipeline Emergencies Program. This training can be found at <https://nasfm-training.org/pipeline/>.

BUCKEYE'S RESPONSE IN AN EMERGENCY

Buckeye is engaged in constant activity to maintain safe pipeline operations. In the event of a pipeline release, Buckeye will take the following steps to ensure public safety and protect the environment:

- Shut down the pipeline
- Close valves to isolate the problem
- Identify hazardous areas
- Dispatch personnel to the scene
- Excavate & repair the damaged line
- Work with emergency responders and the public in the affected area.

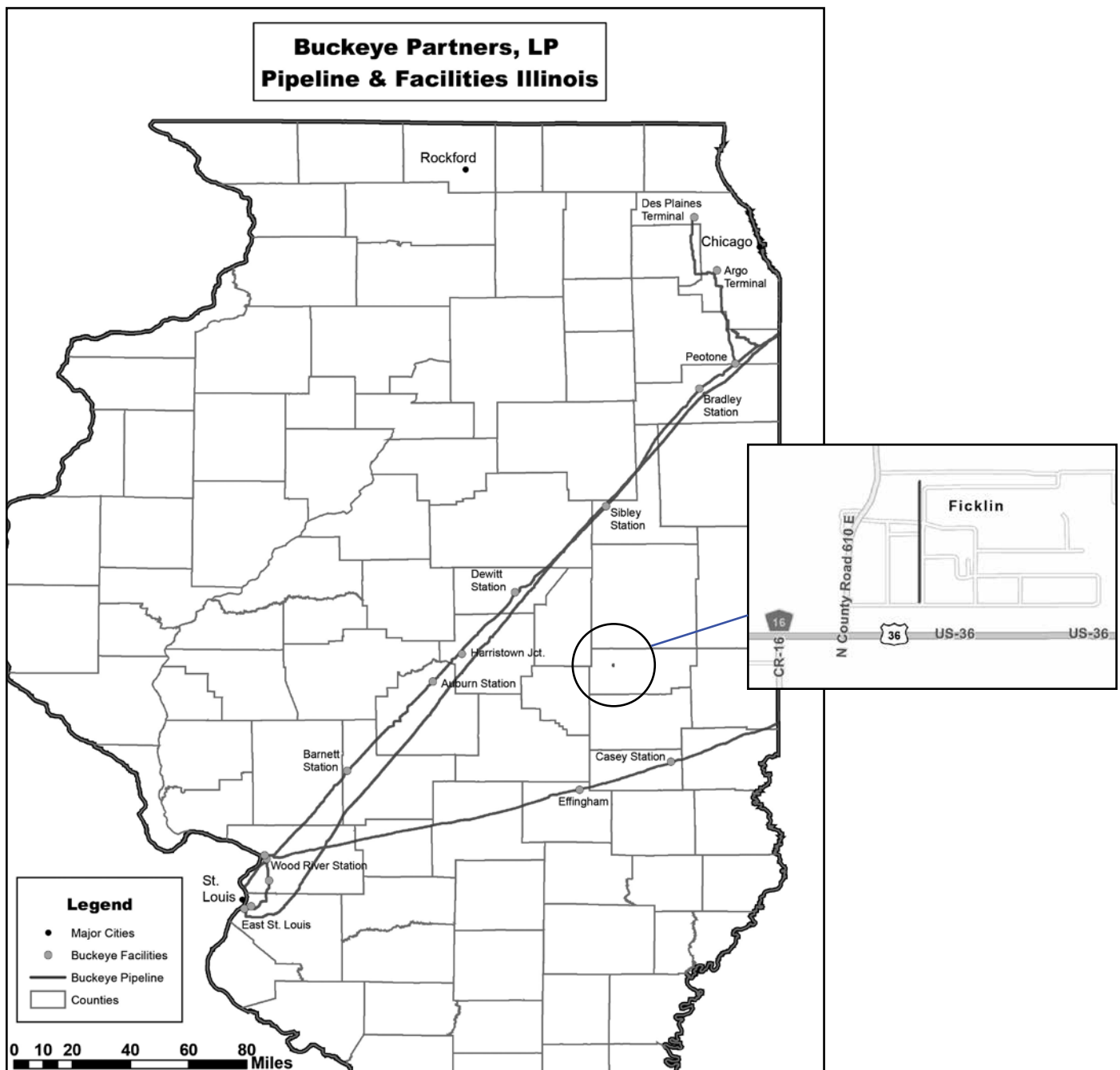


**Know what's below.
Call before you dig.**

ACTIVITY ON THE RIGHT OF WAY

Always be sure to contact 811 before any digging activities occur. Accidental damage caused by excavation, construction, farming activities, and homeowner projects is one of the greatest threats to pipeline safety. For more information on safe

digging, see www.call811.com. If you hit a pipeline, you must report it to the pipeline operator. Even if damage looks minor or nonexistent, it is critical that the operator inspect the pipeline. A minor scratch, scrape, gouge, or dent to the pipeline or coating has the potential to cause a safety issue in the future. Also, if you see suspicious activity on or near the pipeline right of way, immediately notify your local law enforcement agency. Lastly, if you see power lines down on or near Buckeye's pipeline right of way, immediately call Buckeye's emergency number listed on this page. Electricity discharging to the ground can damage buried pipelines.





ABOUT CITGO PETROLEUM CORPORATION

CITGO Petroleum Corporation (CITGO), headquartered in Houston, Texas, operates several hazardous liquid pipelines associated with fuel terminal facilities. These short pipeline systems are located in the states of Illinois, Indiana, Michigan, Ohio, New Jersey and Florida and they transport Gasoline, Diesel Fuels, Aviation/Turbine Fuels and Butane.

WHAT DOES CITGO PETROLEUM CORPORATION DO IF A LEAK OCCURS?

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

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

CITGO personnel 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

CITGO invests significant time and capital maintaining the quality and integrity of our pipeline systems. The CITGO Arlington Heights Terminal is monitored locally to assure operational safety. CITGO also utilizes on-ground observers to identify potential hazards. Facility operational personnel continually monitor and assess changes in pressure and flow of the Arlington Heights Terminal. They will notify Arlington Heights Terminal field personnel if there is a possibility that a leak has occurred. CITGO will immediately access the Arlington Heights Terminal to operate shut-off valves utilized to isolate a potential leak.

EMERGENCY CONTACT:

1-800-471-9191

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Turbine Fuel	1863	128
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ILLINOIS COUNTIES OF OPERATION:

Cook

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

CITGO Petroleum Corporation has developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). Specific information about CITGO's program may be obtained by contacting us directly.

HOW TO GET ADDITIONAL INFORMATION

For an overview of CITGO's IMP, contact us at 800-471-9191.



PRODUCTS TRANSPORTED IN YOUR AREA

PRODUCT	LEAK TYPE	VAPORS
HAZARDOUS LIQUIDS [TURBINE FUEL]	Liquid	Initially heavier than air and will spread along ground. Will collect on low or confined space 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.	



ABOUT CITGO PETROLEUM CORPORATION

CITGO Petroleum Corporation (CITGO), headquartered in Houston, Texas, operates several hazardous liquid pipelines associated with fuel terminal facilities. These short pipeline systems are located in the states of Illinois, Indiana, Michigan, Ohio, New Jersey and Florida and they transport Gasoline, Diesel Fuels, Aviation/Turbine Fuels and Butane.

WHAT DOES CITGO PETROLEUM CORPORATION DO IF A LEAK OCCURS?

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

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

CITGO personnel 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

CITGO invests significant time and capital maintaining the quality and integrity of our pipeline systems. The CITGO East Chicago Terminal is monitored 24 hours a day via a manned Control Center. CITGO also utilizes on-ground observers to identify potential hazards.

Control Center personnel continually monitor and assess changes in pressure and flow of the East Chicago Terminal. They will notify East Chicago Terminal field personnel if there is a possibility that a leak has occurred. CITGO will immediately access the East Chicago Terminal to operate shut-off valves utilized to isolate a potential leak.

EMERGENCY CONTACT:

1-800-471-9191

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Turbine Fuel	1863	128
Butane	1075/1011	115
Diesel Fuel	1202/1993	128
Gasoline	1203	128

INDIANA

COUNTIES OF OPERATION:

Lake

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

CITGO Petroleum Corporation has developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). Specific information about CITGO's program may be obtained by contacting us directly.

HOW TO GET ADDITIONAL INFORMATION

For an overview of CITGO's IMP, contact us at 800-471-9191.



PRODUCTS TRANSPORTED IN YOUR AREA

PRODUCT	LEAK TYPE	VAPORS
HAZARDOUS LIQUIDS [SUCH AS: CRUDE OIL, DIESEL FUEL, JET FUEL, GASOLINE, AND OTHER REFINED PRODUCTS]	Liquid	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.	
HIGHLY VOLATILE LIQUIDS [SUCH AS: BUTANE, PROPANE, ETHANE, PROPYLENE, AND NATURAL GAS LIQUIDS (NGL)]	Gas	Initially heavier than air, 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.	


CountryMark.
Melissa Anslinger

401 Southwind Plaza

Mt. Vernon, IN 47620

Phone: 812-833-2554

E-mail: melissa.anslinger@countrymark.com

Website: www.countrymark.com

OVERVIEW OF COUNTRYMARK'S CRUDE OIL GATHERING SYSTEM

CountryMark's crude oil gathering system of 6" and 8" diameter includes 144.1 miles of pipe in Southern Illinois. It runs approximately from Patoka to Salem to Clay City, then south to Johnsonville and McLeansboro, then east to Enfield and then to the Wabash River heading to Mt. Vernon Indiana. There are storage tanks along the way at Patoka, Salem, Clay City, Johnsonville, Geff, Enfield and Maunie. There is also a short section running from Albion east to the Wabash River. Also, CountryMark operates 2", 3" and 4" feeder lines into this system within the same counties.

To determine which pipeline operators may have facilities in a particular area, a listing of operators with contact information that may be queried by State, County or zip code is accessible at the following NPMS web site: <https://www.npms.phmsa.dot.gov/>.

CountryMark transports crude oil along these gathering pipelines in southern Illinois. CountryMark realizes that some portions of these pipelines traverse High Consequence Areas as identified by PHMSA and therefore CountryMark has implemented integrity management activities on these pipelines to monitor and identify potential problems and to take any corrective actions needed before any problems would occur.

According to National Transportation Safety Board statistics, "pipelines are the safest method of transporting petroleum products. Pipelines transport two-thirds of all the crude oil and refined products in the United States." Pipeline Integrity Management activities in the industry are developed to maintain and improve on that safety record.

COUNTRYMARK'S SAFETY MEASURES UNDERTAKEN

CountryMark's integrity management activities continually assess the gathering system pipelines for anomalies that might result in a pipeline failure. To ensure our pipelines are safe and reliable, CountryMark routinely

runs in-line inspection (ILI) tools to identify these anomalies. CountryMark provides remedial action to the pipeline whenever an anomaly which we determine is a safety concern is detected through integrity management inspections. Remedial actions taken have included replacement of large sections of our gathering system pipeline over the last 10 years and continuing cathodic protection to protect the pipelines from corrosion.

These pipeline integrity activities are a means of assuring continued safe operation of CountryMark's pipeline and storage facilities and providing a reliable supply of quality fuel to our customers today and in the years to come.

COMMUNICATIONS AND COORDINATION WITH LOCAL EMERGENCY RESPONSE OFFICIALS

To acquaint emergency response officials with CountryMark's ability in

EMERGENCY CONTACT:

1-812-838-8500 or
1-800-832-5490 Ext. 8500

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
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ILLINOIS

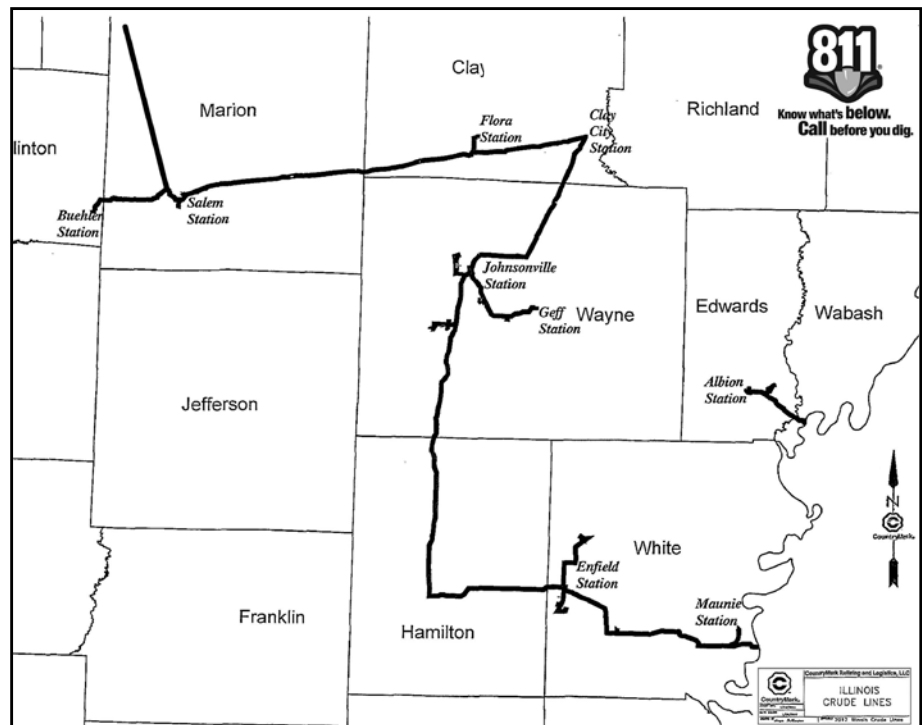
COUNTIES OF OPERATION:

Clay	Marion
Clinton	Wabash
Edwards	Wayne
Hamilton	White

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

responding to pipeline emergencies, CountryMark has in place emergency response plans for its pipelines. These plans are accessible at every facility. For more information please contact Melissa Anslinger at 812-833-2554.

COUNTRYMARK REFINING AND LOGISTICS, LLC Illinois Crude Oil Pipeline & Stations





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

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

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

Dakota Access Pipeline (DAPL) is an approximately 1,200-mile crude oil pipeline that extends from the Bakken/Three Forks production area in North Dakota to a storage and terminalling hub near Patoka, Illinois. Dakota Access, a joint venture, is operated by Sunoco Pipeline.

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

Adams, Bond, Brown, Fayette, Hancock, Macoupin, Marion, Montgomery, Morgan, Pike, Schuyler and Scott counties:

Matt Ryan
Operations Manager
701-421-6971 (m)
matthew.ryan@energytransfer.com

EMERGENCY CONTACT: 1-800-753-5531

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
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ILLINOIS COUNTIES OF OPERATION:

Adams	Marion
Bond	Montgomery
Brown	Morgan
Fayette	Pike
Hancock	Schuyler
Macoupin	Scott

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.

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 Mississippi River Transmission**, please contact us:

Clay, Clinton, Madison, Marion, Monroe, Randolph and St. Clair counties:

Matt Young
Operations Manager
618-491-6571 (w), 618-550-8064 (m)
matt.young@energytransfer.com

EMERGENCY CONTACT:
1-800-325-4005

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

**ILLINOIS
COUNTIES OF OPERATION:**

Clay	Monroe
Clinton	Randolph
Madison	St. Clair
Marion	

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





915 N. Eldridge Parkway, Suite 1100
Houston, TX 77079
Public Awareness: 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.

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**.

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.

EMERGENCY CONTACT:

1-888-449-7539 (Liquids – County group A)
1-800-858-5253 (Liquids – County group B)
1-800-231-7794 (Gas – County group C)

PRODUCTS/ DOT GUIDEBOOK ID#/ GUIDE#:

Crude Oil	1267	128
Petroleum Distillate	1268	128
Natural Gas	1971	115

ILLINOIS COUNTIES OF OPERATION - LIQUIDS GROUP A:

Madison

ILLINOIS COUNTIES OF OPERATION - LIQUIDS GROUP B:

Adams	LaSalle
Boone	Livingston
Brown	Macon
Christian	Madison
Cook	Marion
DeKalb	Mason
DeWitt	McHenry
DuPage	McLean
Fayette	Schuyler
Fulton	Shelby
Grundy	Tazewell
Kane	Will
Kankakee	Woodford
Kendall	

ILLINOIS COUNTIES OF OPERATION - GAS GROUP C:

Alexander Hamilton	Vermillion
Johnson Saline	White
Union	Williamson

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

What if there is an emergency?

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

Incident Command System

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

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



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

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

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

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

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

Clay, Franklin, Hamilton, Johnson, Marion, Massac, Wayne and Williamson counties:

Todd Bullard
Operations Manager
618-543-5040 (w), 618-638-5521 (m)
todd.bullard@energytransfer.com

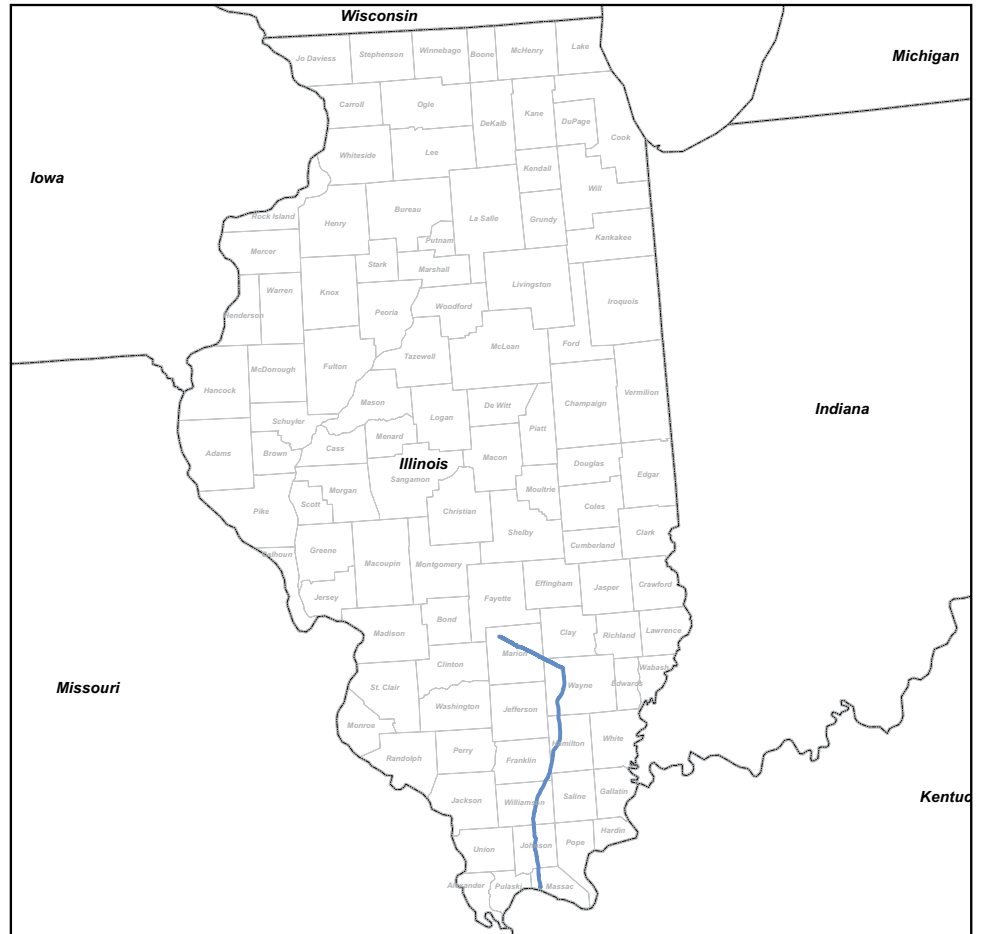
EMERGENCY CONTACT:
1-800-753-5531

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

**ILLINOIS
COUNTIES OF OPERATION:**

Clay	Marion
Franklin	Massac
Hamilton	Wayne
Johnson	Williamson

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





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.

The Mid-America Pipeline (MAPL) System operates approximately 461 miles of pipelines throughout the state of Illinois and transports Ethane/Propane mix, Propane and Ethylene.

The 1,230 mile Appalachia-to-Texas Express (ATEX) pipeline transports NGLs from the Marcellus-Utica Shale region of Pennsylvania, West Virginia and Ohio to the Texas Gulf Coast near Houston.

The TE Products Pipeline System extends over 9,000 miles of NGL pipelines through 13 states. In Illinois, it operates approximately 401 miles of pipeline and transports Ethane, Iso-Butane, Normal Butane, Diesel, Gasoline, Jet Fuel, Naphthalene, Natural Gasoline, Propane and Raffinate.

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,

EMERGENCY CONTACT:

1-888-883-6308

PRODUCTS / DOT GUIDEBOOK ID# / GUIDE#:

Diesel	1202/1993	128
Ethane	1035	115
Ethane Propane Mix	1961	115
Ethylene	1962	116
Gasoline	1203	128
Iso-Butane	1075	115
Jet Fuel	1863	128
Naphthalene	1334	128
Natural Gasoline	1203	128
N-Butane	1075	115
Propane	1075	115
Raffinate	1203	128

ILLINOIS COUNTIES OF OPERATION:

TE Products - Creal Springs

Alexander	Saline
Hamilton	Union
Johnson	White
Massac	Williamson
Pope	

TE Products - Monee

Cook	Kankakee
Grundy	Will

MAPL

Bureau	La Salle
Champaign	Lee
Douglas	Livingston
Ford	McDonough
Fulton	Peoria
Grundy	Rock Island
Hancock	Warren
Jo Daviess	Whiteside

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



supplied breathing air, and air monitoring equipment), can be mobilized and deployed to assist in handling emergency situations that may occur at a Company facility or pipeline location.

Enterprise Products utilizes its 24-hour/365 day a year, Pipeline Operations Control Center (888-883-6308) as a hub of communications in

emergency response situations. Our manned control center monitors the flow, pressure, temperatures, and other conditions throughout the pipeline systems and is an integral part of our communication during emergency situations.

ENTERPRISE PRODUCTS' RESPONSE IN AN EMERGENCY

- We will immediately dispatch personnel to help handle the emergency at the site.
- We will provide information to public safety officials to aid in their response to the emergency.
- We will take necessary operating actions such as closing and opening valves to minimize the impact of the leak.
- Public safety personnel and others unfamiliar with the pipeline should not attempt to operate any of the valves on the pipeline, unless instructed to do so by Enterprise Products personnel. Improper operation of the pipeline valves could make the situation worse and cause other accidents to happen.

INCIDENT COMMAND SYSTEM

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

SPILL RESPONSE EQUIPMENT CAPABILITIES

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

CONTACTS:

MAPL

Mike Housenga
5354 American Legion Rd SE
Iowa City, IA 52240
319-341-4615
mrhousenga@eprod.com
Counties of operation: Bureau, Champaign, Douglas, Ford, Fulton, Grundy, Hancock, Jo Daviess, La Salle, Lee, Livingston, McDonough, Peoria, Rock Island, Warren, Whiteside

TE Products - Monee

Joshua T. Burkhardt
6251 W. Steger Road
Monee, IL 60449
Phone: 708-534-5063
Email: jtburkhardt@eprod.com
Counties of operation: Cook, Grundy, Kankakee, Will

TE Products - Creal Springs

Tracey Rolape
3134 Doron Rd
Creal Springs, IL 62922
618-996-8301
tlrolape@eprod.com
Counties of operation: Hamilton, Saline, White, Williamson

TE Products - Cape Girardeau Area

Derek A. Kingston
10653 State Highway N
Scott City, MO 63780
573-519-4230
dakingston@eprod.com
Counties of operation: Alexander, Johnson, Massac, Pope, Union



P.O. Box 2650
Tulsa, OK 74101
Phone: 918-493-5100
Emergency Contact: 1-888-876-0036
Email: row@expl.com
Website: www.expl.com

Explorer Pipeline is a common carrier pipeline transportation company who operates a 1,872-mile system transporting refined petroleum products and other products including refinery feedstocks and diluent from the Gulf Coast through the Midwest. Explorer is based in Tulsa, Oklahoma and also serves Houston, Dallas, Fort Worth, St. Louis and Chicago.

Through connections with other products pipelines, Explorer serves more than 70 major population centers in 16 states. Major tankage and terminals are located at Port Arthur, Houston, Arlington, Greenville and Grapevine, Texas; Glenpool, Oklahoma; Wood River, Illinois and Hammond, Indiana.

Explorer's 1,872-mile system begins with a 28 inch pipeline in Port Arthur, Texas then runs through Houston, Texas and on to Tulsa, Oklahoma. At Tulsa the line becomes a 24 inch pipeline and runs through St. Louis, Missouri on its way to the Chicago suburb of Hammond, Indiana. Our capacity is augmented with a 10-inch pipeline which stretches between Houston and Arlington, Texas along with many lateral lines for connections to delivery points throughout the system. Explorer currently transports refined products with more than 72 different product specifications for over 60 different shippers. The company does not buy or sell petroleum products; it only provides transportation services.

Explorer Pipeline Company and its management are fully committed to operating a safe and reliable hazardous liquids pipeline. Explorer is also committed to meeting or exceeding the guidelines set forth by API RP

1162 for public awareness. The Public Awareness Plan receives management's full support throughout the organization. Top-level management involved itself in the development of the program, and participates in its administration and the evaluation of the program's effectiveness.

Explorer developed a comprehensive damage prevention program to address an increasing threat to the safety of its pipeline operations and the communities it serves. Explorer Pipeline's Damage Prevention Program is not only in place to educate third parties about safety when working around pipelines, but to educate its employees on the importance of delivering the safety message throughout its system.

Our company values are: Safety, Doing the right thing; Being a good neighbor; Serving our customers' needs; Meeting or exceeding all regulatory standards; Respecting and valuing each other's contributions and differences.

- **Name of system:** Explorer Pipeline Company
- **Name of owner and operator:** Explorer Pipeline Company
- **Type of system:** Transmission system
- **Length of system (Illinois):** 281 miles
- **List of products transported in system:** Diesel Fuel, Diluent, Gasoline, Jet Fuel, Naptha, Raffinate, Toluene.
- **Range of diameter of pipelines in system:** Pipe diameter can vary from 3", 6", 8", 10", 12", 14", 16", 20", 24" & 28".

In effort to make our maps, contact information and emergency response plan information available to you, please access Explorer Pipeline's emergency portal at <https://my.spatialobjects.com/erpp>.

EMERGENCY CONTACT: 1-888-876-0036

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Diesel Fuel	1202/1993	128
Diluent	1203	128
Gasoline	1203	128
Jet Fuel	1863	128
Naptha	1268	133
Raffinate	1203	128
Toluene	1294	130

ILLINOIS COUNTIES OF OPERATION:

Christian	Macoupin
De Witt	Madison
Ford	McLean
Iroquois	Montgomery
Kankakee	St. Clair
Livingston	Will
Macon	

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



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



Explorer Pipeline

EMERGENCY RESPONSE INFORMATION FOR GOVERNMENT AND SAFETY OFFICIALS

During a pipeline emergency on the Explorer Pipeline system, take the following steps:

- Notify Explorer Pipeline at (888) 876-0036 of the type (leak, rupture, fire, etc.) and location of the emergency.
- Establish a safety zone around the emergency site and control access. If necessary, evacuate people within the safety zone.
- Be aware of wind direction and potential ignition sources.
- Do not attempt to operate pipeline valves.

- Do not light a match, start an engine, use a telephone, turn light switches on/off or do anything that may make a spark.
- Do prevent release from entering waterways, sewers, basements, or confined spaces.
- Do divert the release to an open area, if possible.
- Do cover storm drains and sewers ahead of the release.

Explorer Pipeline will:

- Eliminate the flow of petroleum.
- Immediately dispatch trained personnel to the site to help handle the situation and provide information to public safety officials.

- Do what needs to be done to protect lives and property

For online training, visit National Association of State Fire Marshalls website:

<https://nasfm-training.org/pipeline/>

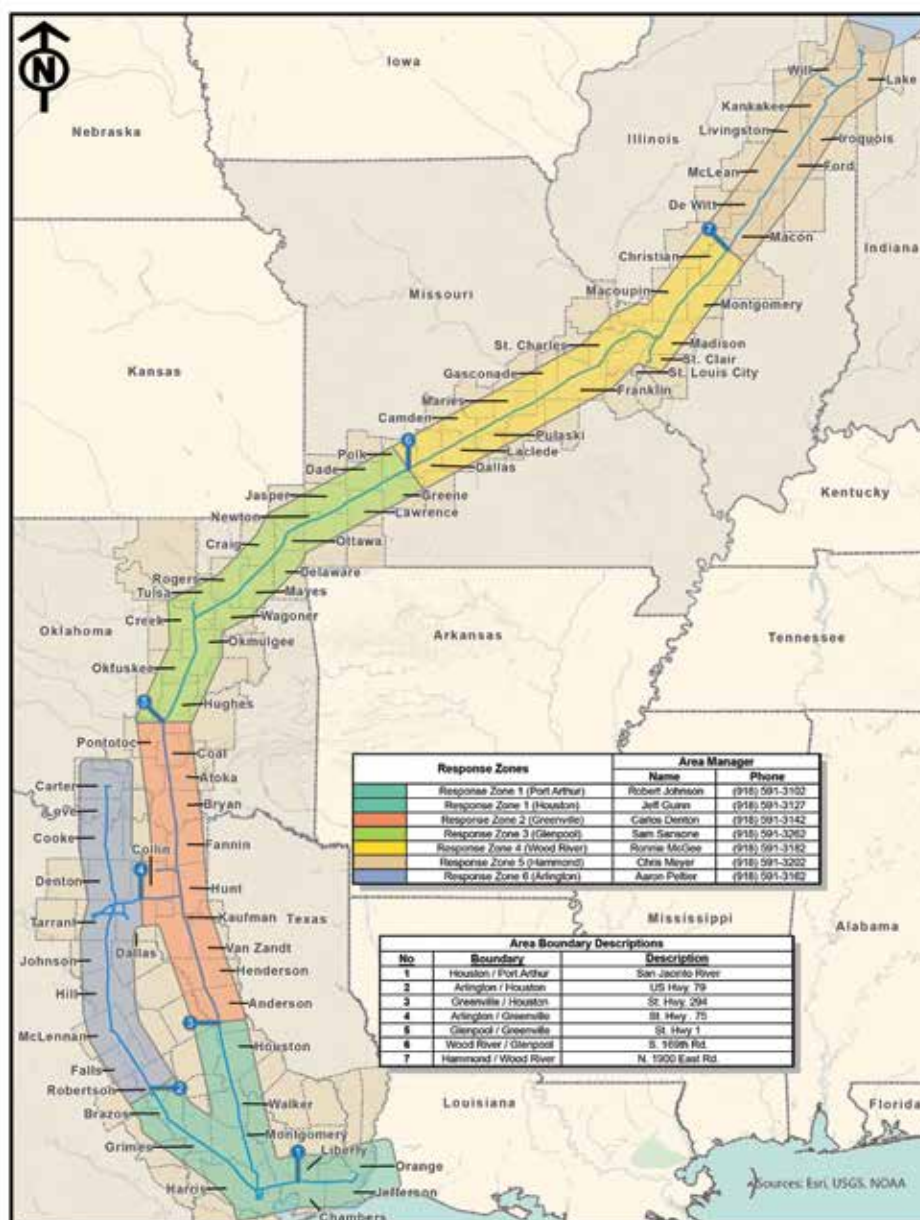
To learn more please contact the following:

Ronnie McGee

918-591-3182
1355 Robbins Road
Hartford, IL 62048

Chris Meyer

918-591-3202
3721 Michigan St.
Hammond, IN 46323





ABOUT EXXONMOBIL PIPELINE COMPANY

ExxonMobil Pipeline Company (EMPCo) is committed to the safe, efficient and environmentally responsible transportation of energy. The company transports crude oil, refined products, liquefied petroleum gases, natural gas liquids, chemical feedstocks and other materials through more than 4,000 miles of pipeline and facilities in 10 states.

PIPELINE INTEGRITY

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

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

HOW YOU CAN HELP KEEP PIPELINE SAFE

- Keep the rights of way near or on your property clear of any kind of obstruction. Property owners should not dig, build, store or place or plant anything on the right of way. Pipeline rights of way must be kept free of structures and other obstructions in order to provide us access to the pipeline for maintenance, assessments, as well as in the event of an emergency.

- Before beginning work on any excavation project, especially those near a pipeline (marked by a pipeline marker), call 811 -- the national one-call number -- or your state's One Call System. Every digging job requires a call -- even small projects like planting trees or shrubs. It is for your safety and that of the public. It is a free call-- and it is the law! You can find out more about pipelines operating in your area from the National Pipeline Mapping System - www.npms.phmsa.dot.gov.
- Report any unusual sounds, smells or suspicious activity to our 24-hour emergency number, 1-800-537-5200. You can call us at any time with your concerns.

SIGNS OF A LEAK

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

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

By sight:

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

EMERGENCY CONTACT: 1-800-537-5200

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
Diesel Fuel	1202/1993	128
Gasoline	1203	128
Kerosene	1223	128

ILLINOIS COUNTIES OF OPERATION:

Champaign	Marion
Fayette	Moultrie
Ford	Piatt
Kankakee	Shelby
Livingston	Will

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

By sound:

- Unusual noises, such as hissing or roaring

By smell:

- Unusual petroleum, chemical or sulfuric "rotten egg" smell

IF YOU SUSPECT A PIPELINE IS LEAKING

- Immediately leave the area and move upwind from the suspected release.
- Do not touch, breathe or make contact with the suspect liquid.
- Do not use a lighter or match, start an engine, use a mobile phone or light switch, or do anything that might create a spark.
- Do not drive into a release or its associated vapors.
- From a safe location: First call 911.
- Then call ExxonMobil Pipeline's emergency number: 1-800-537-5200.
- Do not attempt to operate any pipeline valves or other equipment, as this could make the situation worse.

EMERGENCY RESPONSE

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

CONTACTS

Contact list subject to change. In case of emergency or suspected pipeline incident, always call the 24-Hour Emergency Hotline: (800) 537-5200 and 911

Operations Control Center

22777 Springwoods Village Parkway
Spring, TX 77389
24 Hour Emergency Hotline:
(800) 537-5200
Non-Emergency Hotline:
(888) 804-4788

Public & Stakeholder Engagement Advisor

Mindy Green
Phone: (713) 854-3550
Email:
public.awareness@exxonmobil.com

Mike Smania

Northern Mustang & State-Level Contact
Phone: (779) 435-0311
Counties: Will, Kankakee, Livingston

Cody Clark

Southern Mustang
Phone: (217) 299-3151
Counties: Fayette, Marion, Moultrie, Piatt, Shelby

Phil Stice

Phone: (217) 993-1068
Email: philip.i.stice@exxonmobil.com
Counties: Ford, Champaign



EXAMPLES OF PIPELINE MARKERS



4111 E 37th St N
Wichita, KS 67220
Telephone: 855-831-6353
Email: pipelinesafety@fhr.com
Website: www.fhr.com

Flint Hills Resources owns and/or operates over 4,000 miles of pipeline systems that transport crude oil, refined petroleum products, chemicals and natural gas liquids, efficiently, reliably, and safely. In Illinois, Flint Hills Resources operates the Wood River Pipeline system which stores and transports crude oil.

FLINT HILLS RESOURCES INTEGRITY MANAGEMENT PROGRAM

Flint Hills Resources is committed to maintaining the highest standards in safety. Flint Hills Resources has an Integrity Management Program that is designed to protect the mechanical integrity, safety, and reliability of its pipelines. Flint Hills Resources adheres to federal and state regulations and also partners with local emergency responders to verify that this integrity management plan is appropriate for each section of its pipelines.

EMERGENCY CONTACT: (800) 688-7594

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

ILLINOIS COUNTIES OF OPERATION:

Madison

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



Contact the Illinois One Call Center by calling 811 at least 48 hours, but not to exceed 14 calendar days before you want to dig. The one call center will notify Flint Hills Resources and other utilities of your intent to dig.



Wait for facility owners to mark their underground facilities using paint, flags and/or stakes. Confirm that all facilities have been marked. If you know or believe that facilities have not been properly marked, you must make another call to the One Call Center before beginning any excavation work.



When digging within 25 feet of a Flint Hills Resources pipeline, a representative from the company must be present during the excavation. Expose the underground facility by carefully hand-digging or using other non-mechanized equipment until the location and route is confirmed. Continue to use caution even after the facility is exposed. Obey safe excavating practices and your state laws.



RECOGNIZE



REACT



REPORT

RECOGNIZE

Your sense of sight, sound and smell may help you recognize the signs of a pipeline leak.

- Sight** – Seeing a pool of liquid, a white cloud or fog, discolored vegetation, flames or vapors, oily sheen or water bubbling near a pipeline without obvious reason.
- Sound** – Hearing a hissing, roaring or bubbling sound from the ground or water near a pipeline.
- Smell** – Smelling a strange or unusual smell, such as a strong petroleum odor or “rotten eggs” near a pipeline.

REACT

- DO** stop work immediately.
- DO** turn off and leave equipment and vehicles.
- DO** immediately leave the area, on foot, in an upwind or crosswind direction, away from any vapors or fumes.
- DO** warn others to stay away.
- DO NOT** do anything that might ignite the leaking product, including making a phone call, starting an engine or driving a vehicle, lighting a match, or even switching on or off a light.
- DO NOT** operate any pipeline valves.
- DO NOT** touch or inhale the product.

REPORT

- Call 911 or the local fire or police department.
- When it is safe to do so, call the Flint Hills Resources 24-hour emergency number 1-800-688-7594

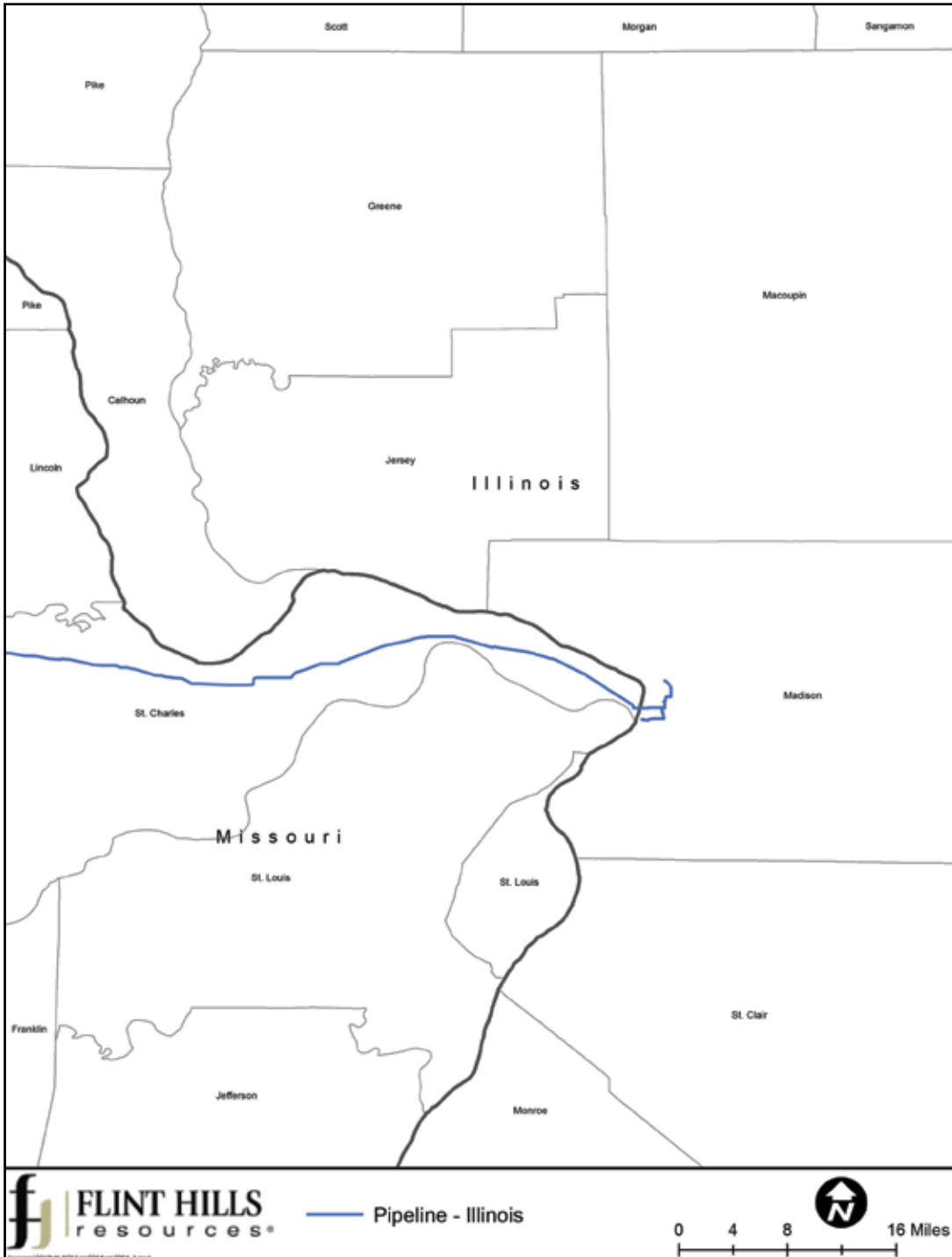


**Know what's below.
Call before you dig.**

CALL BEFORE YOU DIG

Before you dig, drill, blast, or move any ground near a pipeline, call 811. This free call notifies your local One Call Center to have representatives of underground utilities come out and mark their facilities at no charge to you. Required by law, calling 811 can save your life, decrease the cost of your project, and prevent damage to our underground pipeline transportation system.

One Call Center	Phone Number	Website
811 National	811	www.call811.com
Illinois One Call	1-800-892-0123	www.illinois1call.com





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, Propane, Refined Petroleum Products (Diesel Fuel, Gasoline), and Jet Fuel.

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 as well as 25 independent terminals not connected to our pipeline system, 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:

(800) 720-2417

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Butane	1011/1075	115
Diesel Fuel	1202/1993	128
Gasoline	1203	128
Jet Fuel	1863	128
Propane	1978/1075	115

ILLINOIS

COUNTIES OF OPERATION:

Cook	Livingston
De Witt	Logan
Dekalb	McLean
Dupage	Menard
Grundy	Rock Island
Kane	Whiteside
Kankakee	Will
Lee	

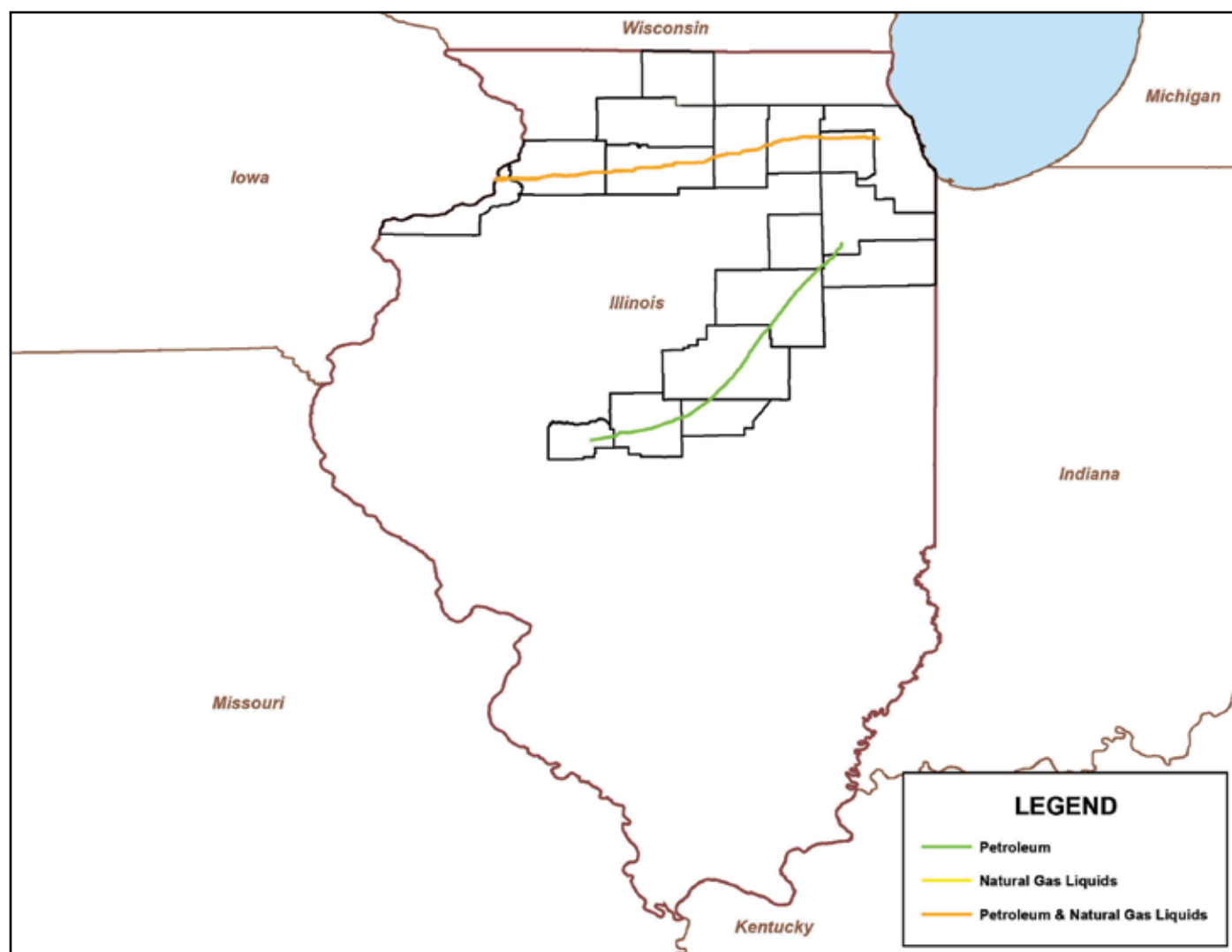
Changes may occur. Contact the operator to discuss their pipeline systems and areas of operation.

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.





PO Box 657
Des Moines, IA 50306-0657
Phone: 888-427-5632
Website: MidAmericanEnergy.com

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

MidAmerican Energy is a combination gas and electric utility with its corporate office in Des Moines, Iowa. MidAmerican Energy operates over 12,700 miles of distribution main and approximately 680 miles of transmission pipeline in Iowa, Illinois, South Dakota and Nebraska. MidAmerican Energy serves over 765,000 gas customers and over 783,000 electric customers.

MidAmerican Energy receives gas from four primary pipeline transportation companies: Northern Natural, Northern Border, Natural Gas Pipeline and ANR Pipeline. MidAmerican Energy only transports natural gas and does not transport liquids. MidAmerican Energy operates three storage facilities to augment pipeline supplies during high consumption days. Liquefied natural gas plants are located in Waterloo, Des Moines and Bettendorf.

Upon request, MidAmerican Energy will provide training related to gas emergency response. The MidAmerican Energy website provides general company information, gas safety notices, and other safety related information. Specific gas safety (nonemergency) questions, requests for training, or requests to review MidAmerican's emergency response plan can be sent to PublicAwareness@midamerican.com.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

MidAmerican Energy is committed to the safety of its employees, customers, and the general public.

MidAmerican Energy designs, constructs, operates, and maintains its facilities in compliance with all the requirements of DOT 49 CFR 192 "Transportation of Natural and Other Gas by Pipeline: Federal Safety Standards." To assure compliance with all regulations and the operation of safe and reliable pipeline facilities, the company has an active internal auditing process that inspects and evaluates company facilities.

The primary cause of all pipeline incidents is third-party dig-ins. MidAmerican Energy is an enthusiastic and active supporter of state One Call systems.

MidAmerican Energy has trained personnel to respond to gas leaks and other gas emergencies in a timely manner. Responders are supported by an automated dispatch system, continuous contact with a 24/7 dispatch center, and an Emergency Plan that can quickly establish communication with support personnel and mobilize resources rapidly.

MidAmerican Energy believes responsible environmental management is good business; it benefits our customers and improves the quality of the environment in which we live.

All MidAmerican Energy employees are responsible and accountable for incorporating environmental compliance requirements into their daily work activities with obligation to bring issues and concerns forward for resolution.

SERVICE AREA



PUBLIC EMERGENCY CONTACT: 1-800-595-5325

EMERGENCY RESPONDERS: 1-800-275-5743

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Natural Gas	1971	115
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ILLINOIS

COUNTIES OF OPERATION:

Henry	Rock Island
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IOWA

COUNTIES OF OPERATION:

Adair	Franklin	Montgomery
Audubon	Fremont	Muscatine
Benton	Guthrie	O'Brien
Black Hawk	Harrison	Page
Boone	Humboldt	Palo Alto
Bremer	Ida	Plymouth
Buchanan	Jackson	Polk
Buena Vista	Jasper	Pottawattamie
Butler	Johnson	Poweshiek
Calhoun	Keokuk	Sac
Cass	Kossuth	Scott
Cedar	Lee	Shelby
Cerro Gordo	Linn	Sioux
Cherokee	Lyon	Union
Chickasaw	Madison	Wapello
Clinton	Mahaska	Warren
Dallas	Marion	Washington
Dubuque	Mills	Webster
Emmet	Monona	Woodbury
Floyd	Monroe	Wright

NEBRASKA

COUNTIES OF OPERATION:

Dakota

SOUTH DAKOTA

COUNTIES OF OPERATION:

Clay	Turner	McCook
Moody	Lincoln	Yankton
Lake	Union	Minnehaha

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

MoGas Pipeline LLC

329 Josephville Rd.
Wentzville, MO 63385
Phone: 1-636-856-8035
Website: <http://www.mogaspipe.com>

MoGas Pipeline LLC is a limited liability company based in Wentzville, Missouri. The company operates 263 miles of high pressure natural gas transmission pipeline located in eastern and south central Missouri and western Illinois, ranging in diameter from 4" to 16". The company's primary mission is to take receipt of natural gas from interstate pipelines and to redeliver natural gas to suburbs of St. Louis and communities along Interstate 44.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

Dedicated to striving towards excellence in our Health, Safety, and Environment (HSE) programs, MoGas Pipeline LLC, views HSE as a fundamental core value. Aiming to achieve the safe uninterrupted supply of natural gas throughout eastern and south central Missouri, all operations are managed in a manner that protects the environment, maintains the health and safety of employees, contractors, and the public, and complies with applicable laws and regulations.

MoGas Pipeline LLC realizes these commitments by implementing

and adhering to programs such as public awareness, pipeline integrity management, and operator qualification programs. These programs mandate pipeline operators take the necessary steps to make their pipelines safe and avoid incidents. Some examples of how MoGas Pipeline LLC takes action against unintended incidents and other threats to safety include:

- A Supervisory Control and Data Acquisition (SCADA) system that gathers and analyzes real time operational data 24-hours a day, 365 days a year
- Continuous ROW inspection, including foot patrol and aerial inspection
- Internal inspection of pipelines to identify anomalies in need of remediation
- Cathodic protection systems to mitigate corrosion
- Emergency response training with local emergency responders
- Employee qualification programs to ensure procedures are correctly followed

If an emergency responder would like more information about our emergency

EMERGENCY CONTACT: 1-800-282-4916

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

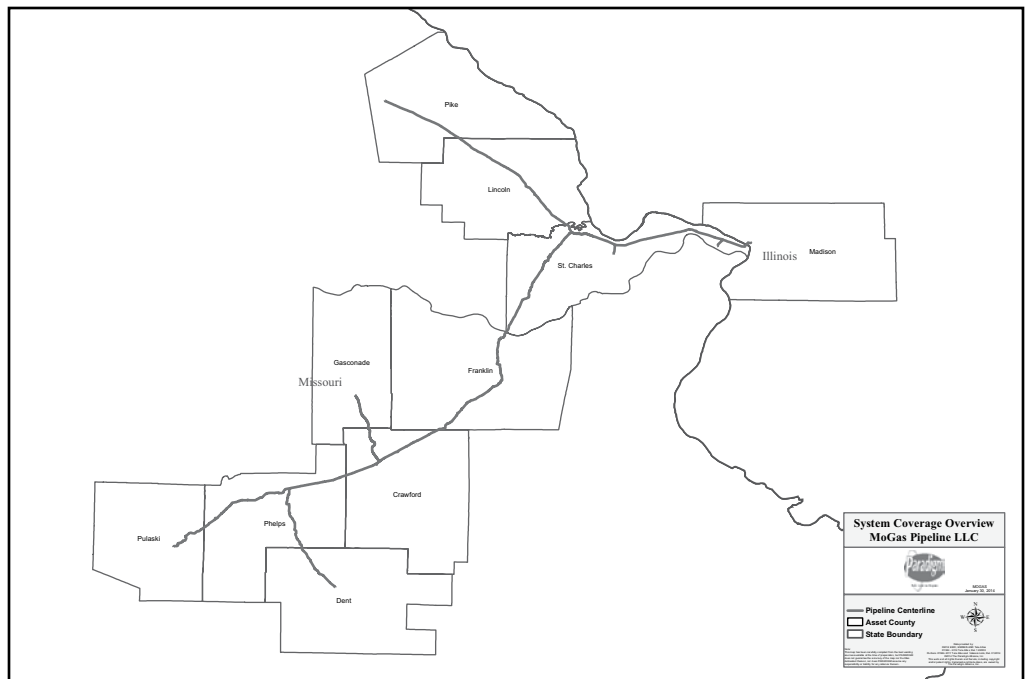
ILLINOIS COUNTIES OF OPERATION:

Madison

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

response plan, please contact MoGas Pipeline LLC via our website or phone number. Finally, because MoGas Pipeline LLC operates in both Missouri and Illinois, we would like to remind the public of the appropriate One Call numbers to contact depending upon location:

- Illinois One Call: 1-800-892-0123 (811) or <http://www.illinois1call.com/>
- Missouri One Call: 1-800-344-7483 (811) or <http://www.mo1call.com/>





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, Indiana, 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#:
 Anhydrous Ammonia 1005 125

ILLINOIS COUNTIES OF OPERATION:

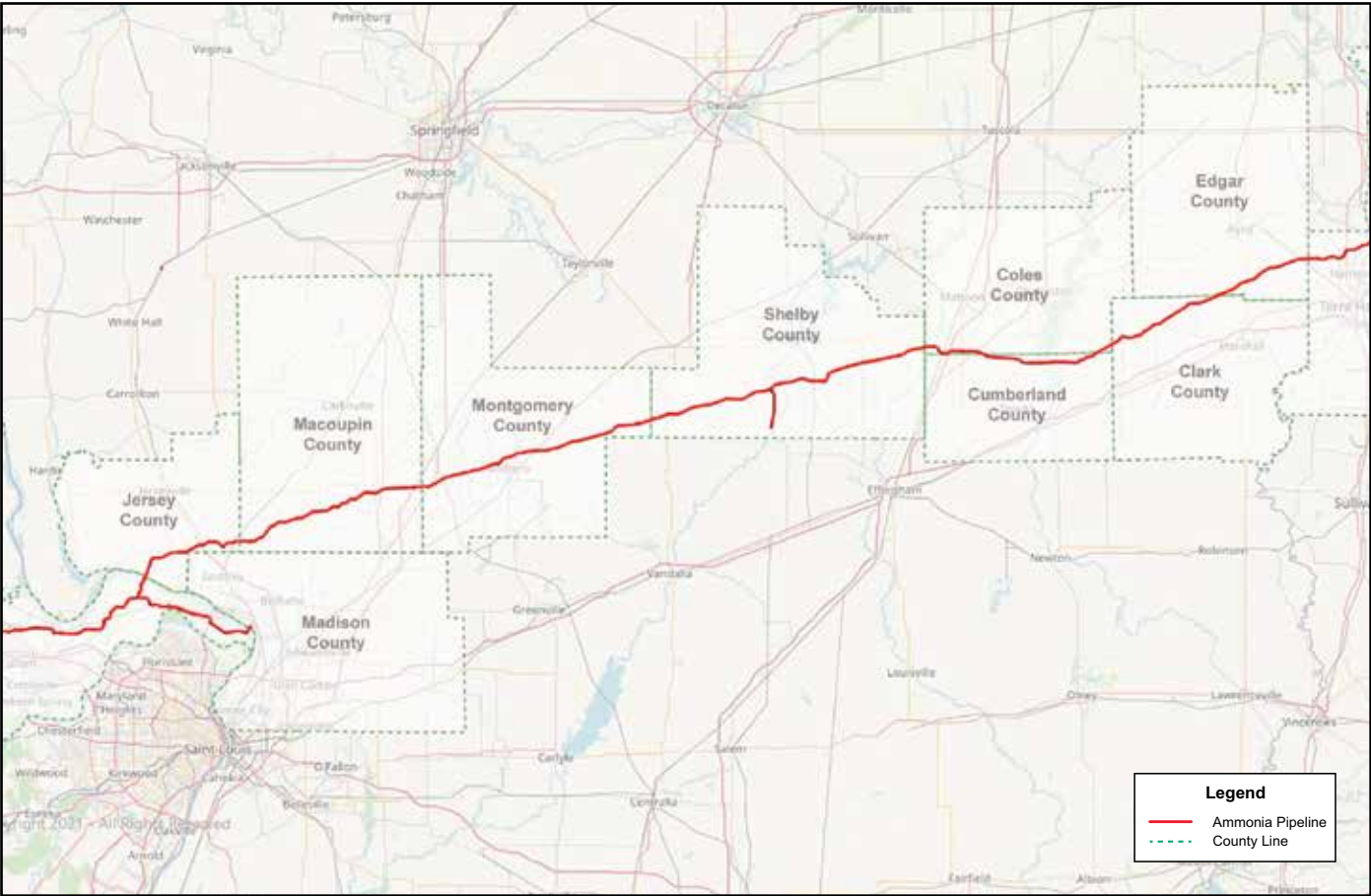
Clark	Macoupin
Coles	Madison
Cumberland	Montgomery
Edgar	Shelby
Jersey	

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



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



PANHANDLE EASTERN PIPE LINE
An ENERGY TRANSFER Partnership

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

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

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

Panhandle Eastern Pipe Line, an approximately 6,000-mile natural gas pipeline system with access to diverse supply sources, extends from producing areas in the Anadarko Basin of Texas, Oklahoma and Kansas through Missouri, Illinois, Indiana, Ohio and into Michigan. Our Midwest customer base includes some of the nation's largest utility and industrial natural gas users.

For more information about local operations of **Panhandle Eastern Pipe Line**, please contact:

Adams and Pike counties:
Dan Barton
Operations Manager
217-734-3221 (w), 217-430-2511 (m)
daniel.barton@energytransfer.com

EMERGENCY CONTACT: 1-800-225-3913

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

ILLINOIS COUNTIES OF OPERATION:

Adams	Morgan
Champaign	Moultrie
Christian	Peoria
Douglas	Piatt
Edgar	Pike
Fulton	Sangamon
Knox	Scott
Logan	Tazewell
Macon	Vermillion

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

Christian, Fulton, Knox, Logan, Macon, Morgan, Peoria, Sangamon, Scott and Tazewell counties:

Kenneth Egelhoff
Sr. Operations Manager
217-625-1222 (w), 217-473-8183 (m)
kenneth.egelhoff@energytransfer.com

Champaign, Douglas, Edgar, Macon, Moultrie, Piatt and Vermillion counties:

David Venis
Operations Manager
217-253-6022 (w), 217-552-2924 (m)
david.venis@energytransfer.com





ABOUT PATOKA TERMINAL COMPANY, LLC

Patoka Terminal Company, LLC (PTC), headquartered in Mt. Vernon, IL, USA, owns and operates an oil transmission pipeline 2,300 ft in length and located in Marion, County, IL, USA.

MAINTAINING SAFETY AND INTEGRITY OF PIPELINES

PTC invests significant time and capital maintaining the quality and integrity of their pipeline system. Our pipelines are monitored via a manned Operations center. PTC also utilizes aerial surveillance and/or on-ground observers to identify potential dangers. Operations center personnel continually monitor an active pipeline system and assess changes in pressure and flow. They notify field personnel if there is a possibility of a leak. Automatic shut-off valves are sometimes utilized to isolate a leak.

Gas transmission and hazardous liquid pipeline operators have developed supplemental hazard and assessment programs known as Integrity Management Programs (IMPs). Specific information about PTC's program may be found by contacting us directly.

PRODUCTS TRANSPORTED

Product: Crude Oil

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.

EMERGENCY CONTACT: (618) 231-4428

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

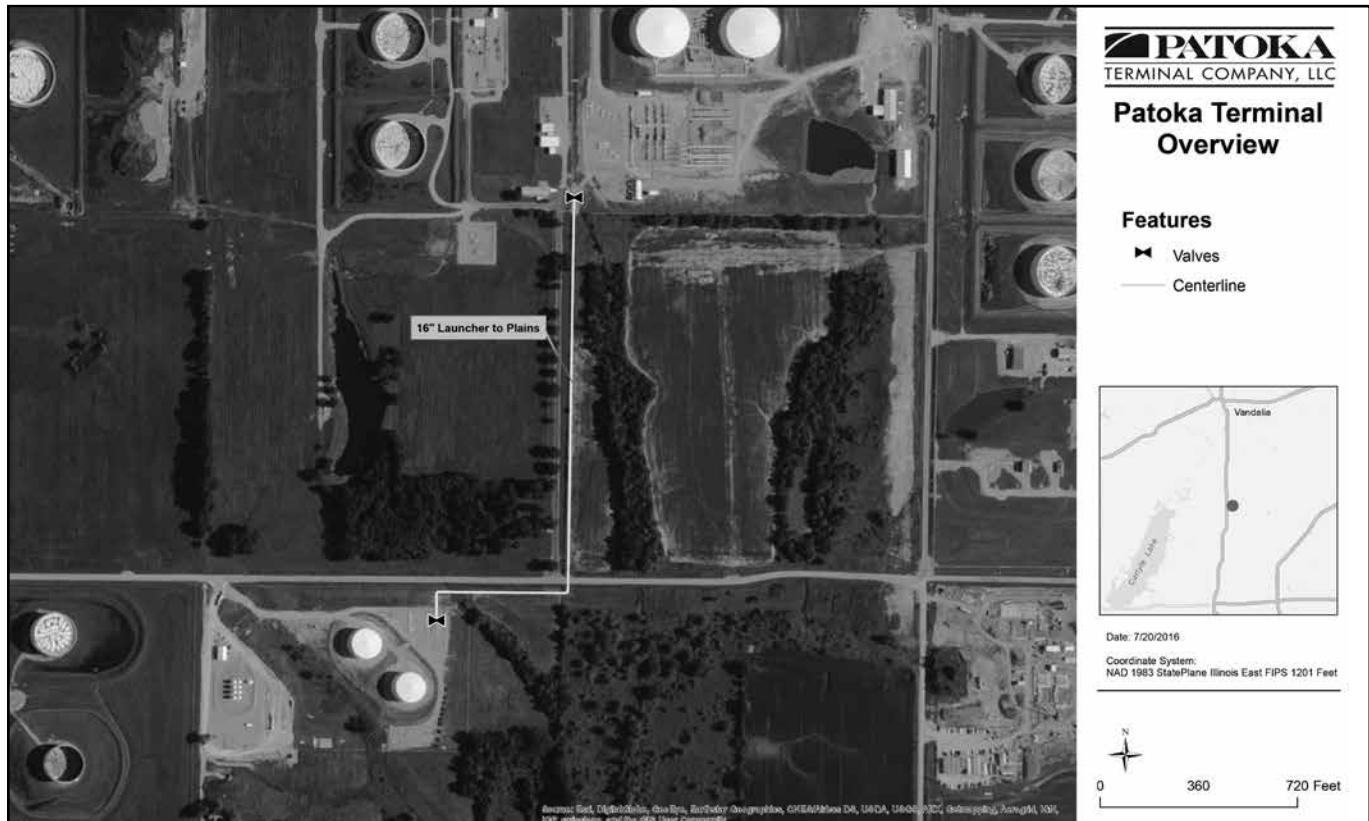
ILLINOIS COUNTIES OF OPERATION:

Marion

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

HOW TO GET ADDITIONAL INFORMATION

For an overview of PTC's IMP, contact us at 618-432-5680.





Operated by Pembina ASM

Pembina U.S.
 1300 Post Oak Blvd. Suite 1050
 Houston, TX 77056
 Toll Free: 1-888-428-3222
 Website: www.pembina.com

OPERATOR OVERVIEW

Aux Sable Midstream is the operator of the Cochin Pipeline System. Aux Sable Midstream is a subsidiary of Pembina U.S. Corporation, which is owned by Pembina Pipeline Corporation. Pembina is a leading North American transportation and midstream service provider. For over 65 years, we have been safely and reliably connecting oil, natural gas, and natural gas liquids production to markets that need it. Pembina owns an integrated system of pipelines that transport various hydrocarbon liquids and natural gas products. We also own gas gathering and processing facilities, and an oil and natural gas liquids infrastructure and logistics business.

CALL BEFORE YOU DIG

Prevention plans ensure right-of-ways are clearly marked and free of encroachments. Pipeline markers show the approximate location of pipelines and provide relevant information about the pipeline.



PREVENTATIVE PIPELINE MAINTENANCE

Aux Sable implements safety precautions that ensure the highest standard of safety is maintained. Our pipelines have an anti-corrosive coating and cathodic protection to maintain the long-term integrity. Pipelines are also inspected with smart pigs, which are computer monitoring tools sent through the pipeline to preemptively detect potential problems.

COMMITMENT TO SAFETY, HEALTH & ENVIRONMENT

Aux Sable Midstream is committed to pursue the highest industry standards of health and safety. We ensure compliance with environmental and all other regulatory requirements. Our employees are trained on pipeline emergency response and work with the local Emergency Responders for Communication, Incident Command, and Supplies & Equipment.

EMERGENCY CONTACT: 1-800-360-4706

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Butane	1011	115
Fuel Gas	1202	128
NGL	1972	115
Propane	1075	115

ILLINOIS COUNTIES OF OPERATION:

Cook Will
 Grundy

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

Regular communication is maintained with our stakeholders, which include the affected public, emergency responders, public officials, and excavating companies, to ensure the awareness of our pipeline facility and distribute important pipeline safety information.





Pembina U.S.
 1300 Post Oak Blvd. Suite 1050
 Houston, TX 77056
 Toll Free: 1-888-428-3222
 Website: www.pembina.com

OPERATOR OVERVIEW

Pembina Cochin LLC is the operator of the Cochin Pipeline System. Pembina Cochin LLC is a subsidiary of Pembina U.S. Corporation, which is owned by Pembina Pipeline Corporation. Pembina is a leading North American transportation and midstream service provider. For over 65 years, we have been safely and reliably connecting oil, natural gas, and natural gas liquids production to markets that need it. Pembina owns an integrated system of pipelines that transport various hydrocarbon liquids and natural gas products. We also own gas gathering and processing facilities, and an oil and natural gas liquids infrastructure and logistics business.

INCIDENT ACTION PLAN (Emergency Response Plan)

- Protect people first, property second
- Isolate area and deny entry
- Determine if atmosphere is safe
- Establish hazard control zones
- Evacuate if necessary
- Notify Pembina
- Control Ignition Sources
- If ignited, allow to self-extinguish
- Contain and control secondary fires.

Pembina practices the National Incident Management System (NIMS) and will integrate into the Incident Command System (ICS) in an emergency. In the unlikely event that a leak should occur, Pembina will dispatch our pipeline maintenance crews (located at strategic points along the pipeline) to the site. Once we have ensured the safety of our neighbors, employees, and contractors and the immediate dangers have been controlled, the pipeline is repaired and any damage to the surrounding area is restored.



Pipeline Unique Characteristics

The Cochin Pipeline System is a 1,764-mile, 12-inch pipeline. In 2019, Pembina acquired ownership of the pipeline from Kinder Morgan. The pipeline transports condensate from Fair Oaks, IN to Fort Saskatchewan, Alberta Canada.

- 1,000 psig Operating pressure
- Automated pipeline block valves.
- Pump stations are located approximately every 60 miles.

PIPELINE MONITORING

Pembina monitors the Cochin Pipeline on a 24-hour basis from the computer assisted control system.

PIPELINE MARKERS

To ensure everyone knows the location of Pembina's pipelines, we place pipeline markers in high traffic areas such as road and rail way crossings. We place them near but not necessarily on top of the pipeline. It is important to remember that markers may not tell you the exact location, route, depth or number of pipelines.



EMERGENCY CONTACT:

1-800-360-4706

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Petroleum Distillate 1268 128

ILLINOIS COUNTIES OF OPERATION:

Bureau	Livingston
Grundy	Rock Island
Kankakee	Whiteside
LaSalle	

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



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

ALWAYS CALL BEFORE YOU DIG

Before starting any work near a pipeline, a locate request to your local One-Call Centre is required. The One-Call Center will notify owners of the buried infrastructure in the area who will send out a company representative to locate and mark the facilities using paint, flags or other marks. It is important you don't start work until the pipelines are marked.

NATIONAL PIPELINE MAPPING SYSTEM

The federal government provides maps that show the approximate location of transmission pipelines in your community through the National Pipeline Mapping System at www.npms.phmsa.dot.gov. Safety officials can access additional information and download electronic files to import into emergency preparedness GIS mapping systems. As with pipeline markers, the map will show the approximate location of the pipeline only. A one call is required.





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

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

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

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:

Clinton, Marion, Perry, Randolph and Washington counties:
Jeff 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

**ILLINOIS
COUNTIES OF OPERATION:**

Clinton	Randolph
Marion	Washington
Perry	

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



**PHILLIPS 66
PIPELINE LLC**



Corporate Headquarters:
Phillips 66 Pipeline LLC
2331 Citywest Blvd
Houston, TX 77042
www.phillips66pipeline.com

PHILLIPS 66 PIPELINE LLC OWNS OR OPERATES OVER 30 MILES OF PIPELINE AND 2 STORAGE TERMINALS AND 1 REFINERY IN ILLINOIS

Operating with Integrity

Pipelines are one of the most reliable methods to move energy products, helping to meet our nation's growing economic and energy needs. They operate under many government regulations and industry standards. These measures address all aspects of pipeline operation, such as where and how they are built, operated and maintained -- and Phillips 66 Pipeline LLC applies best practices that often exceed requirements.

Committed to Safety and Reliability

Our commitment to safety goes further, with the goal that everyone who lives or works near our assets is aware of our lines and facilities, adopts safe digging practices, learns the signs of a potential pipeline leak and knows how to quickly respond if he or she suspects a problem. As part of our on-going damage prevention program, we employ many tactics to ensure the safety of our communities.

Emergency Response Capabilities

Phillips 66 Pipeline LLC has committed resources to prepare and implement its emergency response plans and has obtained, through contract, the necessary private personnel and equipment to respond to a worst case discharge, to the maximum extent practical.

Communications

Phillips 66 Pipeline LLC employs a 24-hour Control Center as a hub of communication in emergency response situations. On-site communications are conducted using cellular phones; and portable radios and/or land-line telephone systems from facilities and offices.

Incident Command System

Phillips 66 Pipeline LLC utilizes an expandable Incident Command System. Personnel and federal, state and local agencies may be integrated into the Unified Command Structure, scalable to the size and complexity of an incident.

Spill Response Equipment

Phillips 66 Pipeline LLC maintains emergency response trailers and equipment at strategically-located facilities. Response equipment may include spill boom (as needed and of various types, sizes and lengths), absorbent materials, boats, motors, hand and power tools, pumps, hoses, personal protective equipment (PPE), first aid and miscellaneous supplies. Each trailer is inspected; equipment is deployed during drills on a regular basis.

Oil Spill Contractors

Certified Oil Spill Response Organizations (OSROs) are under contract by Phillips 66 Pipeline LLC for use in this area. Oil Spill Response Limited (OSRL) and associated STAR Contractors are used globally.

The Phillips 66 Pipeline LLC Emergency Response Action Plan (ERAP) contains specific contact and resource information for these companies. In addition, these OSROs are invited to participate in training and pre-planning exercises with Phillips 66 Pipeline LLC local and regional response teams. OSROs and Co-Ops can be relied upon for an appropriate level of response, with spill response equipment and trained personnel.

EMERGENCY CONTACT: 1-877-267-2290

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Bio Diesel (terminal only)	1202	128
Butane	1011	115
Crude Oil	1267	128
Diesel	1202	128
Ethanol (terminal only)	1170	127
Gasoline	1203	128
Jet Fuel	1863	128
Propane	1075	115

ILLINOIS COUNTIES OF OPERATION:

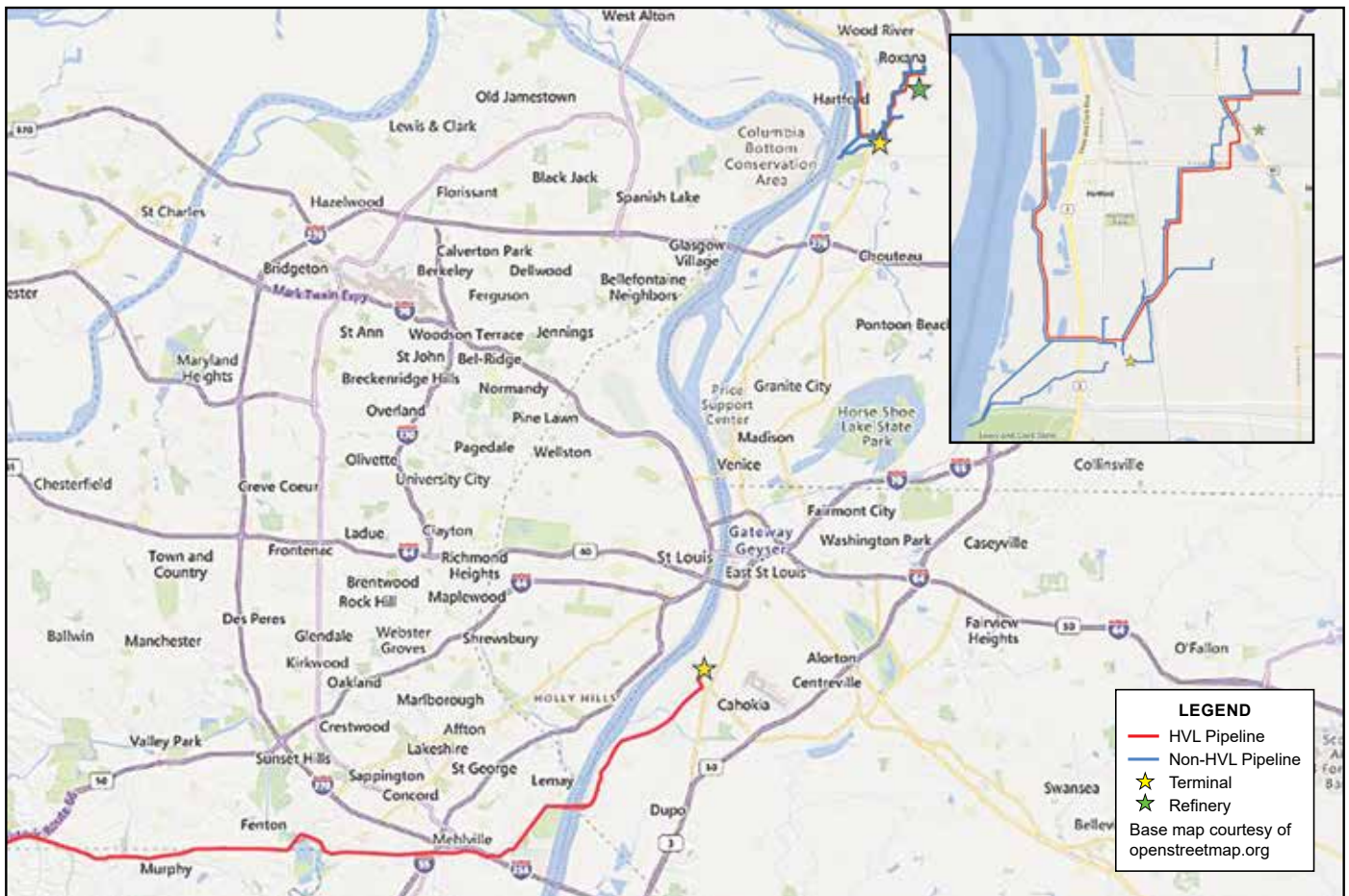
Madison St. Clair
Monroe

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

Response Plans and Maps

To view and download emergency response plans and procedures, visit <https://my.spatialobjects.com/erpp/home>.

To view and obtain GIS map files of our locations, visit <https://www.phillips66pipeline.com/maps/>



ADDITIONAL INFORMATION AND RESOURCES

Visit the following industry and government sites for important safety references and educational materials.

National Association of State Fire Marshal's "Pipeline Emergencies"
www.pipelineemergencies.com

PHMSA Emergency Response Guidebook
www.phmsa.dot.gov/hazmat/erg/emergency-response-guidebook-erg

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

Phillips 66 Pipeline LLC ERAP Portal
<https://my.spatialobjects.com/erpp/home>

Pipelines and Informed Planning Alliance
<http://primis.phmsa.dot.gov/comm/pipa/landuseplanning.htm>

CONTACT

PHILLIPS 66 PIPELINE LLC

Phillips 66 Pipeline LLC Headquarters
 2331 Citywest Blvd
 Houston, TX 77042
www.phillips66pipeline.com

Non-Emergency Phone Number
 800-231-2566

Emergency Phone Number
 877-267-2290



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

COMPANY OVERVIEW

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

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

COMMUNICATIONS

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

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

EMERGENCY RESPONSE CAPABILITY & PLAN

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

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

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

PIPELINE MAPPING

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

EMERGENCY CONTACT:

1-800-708-5071 or 1-800-322-7473

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
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ILLINOIS COUNTIES OF OPERATION:

Bond	Madison
Fayette	Marion

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

SPILL RESPONSE EQUIPMENT

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

CONTACT

Plains Public Awareness: 800-406-7159





Shell Pipeline Company LP

OPERATION GUIDE:

ILLINOIS

Shell has been in the pipeline transportation business for over 100 years. We transport over two billion barrels of crude oil and refined products annually and operate pipelines in several states. Shell Pipeline Company LP is a wholly owned subsidiary of Shell Oil Products US, a unit of Shell Oil Company, and has its headquarters located in Houston, Texas.

COMMITMENT TO SAFETY, HEALTH AND ENVIRONMENT

Pipeline transportation is vital to meeting our nation's growing energy needs. In fact, pipelines transport more than two-thirds of the petroleum products we use in our daily lives, including gasoline, diesel and jet fuel, home heating oil, and kerosene. The public expects that we will meet that need by operating our pipelines safely and reliably. At Shell Pipeline, we are committed to protecting the health and safety of the public and the environment in all of the communities in which we operate. We have many dedicated employees and company programs in place to improve performance and enhance our relationship with those who live and work near our facilities.

Pipelines are the most efficient and safest method by which to transport hydrocarbon products and they are inherently safer than other modes of transportation such as rail, barge and truck. While the amount of fuel energy being used in the U.S. continues to increase dramatically, the industry's safety performance in recent years has improved significantly and serious accidents are rare. Pipelines help ensure a plentiful supply of energy to keep our economy sound.

WHAT TO DO IN ADVANCE

For your safety, pipeline marker signs have been installed along the pipeline route at frequent intervals to indicate the approximate location and provide vital emergency information about Shell's pipelines.

If you live or work near our pipelines, take time to familiarize yourself with the pipeline markers on your property or in your community. Write down the names and phone numbers of the pipeline companies or operators listed on the marker signs in case of an emergency.

IN AN EMERGENCY

Fortunately, pipeline incidents are rare, but they can occur. The liquid petroleum products transported by Shell Pipeline Company are flammable and potentially hazardous and explosive under certain conditions. It is important for you to know what to do if you suspect a pipeline release or emergency. In the event of an emergency involving a Shell Pipeline Company pipeline, contact the nationwide Shell Pipeline Emergency number below - toll free, 24 hours a day: **1-800-922-3459**

EMERGENCY CONTACT: 1-800-922-3459

PRODUCTS / DOT GUIDEBOOK ID# / GUIDE#:

Crude Oil	1267	128
Jet Fuel	1223	128

ILLINOIS
Cook, Will

Note: Changes may occur.

Call "811" Before you Dig or Dredge

It's a Free Service and It's the Law!



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

This map shows our pipeline system in the following counties of operation:
Cook, Will



**Attn: Regional Public Awareness
Program Administrator**

P.O. Box 52163
New Orleans, LA 70152
Phone: (504) 728-4430
Website: www.shell.us/pipeline



Spire Inc.
700 Market Street
Saint Louis, MO 63101

WORKING TOGETHER TO KEEP OUR COMMUNITIES SAFE

Every day, we have the pleasure of serving millions of people with our five natural gas delivery businesses. We also maintain an underground natural gas storage field and a liquid propane pipeline.

We know it's our responsibility to keep those we serve along our pipelines safe. And though underground pipes are the safest most reliable way to transport natural gas and other petroleum products, accidents can always happen.

That's why we routinely monitor, patrol and inspect our pipelines via aircraft, vehicles and on foot. We also work to promote safety and pipeline awareness through first-responder training courses and many customer communications like bill inserts, customer guides and more.

We do all this—and so much more—because at Spire, safety is a value. And our values drive everything we do. So our promise is to always work with the communities we serve and our first responder partners to keep our pipelines safe.

With that in mind, here's a look at where our pipelines are located, how they're marked and who to call should you ever be in an emergency situation.

EMERGENCY CONTACT: 1-314-535-8508

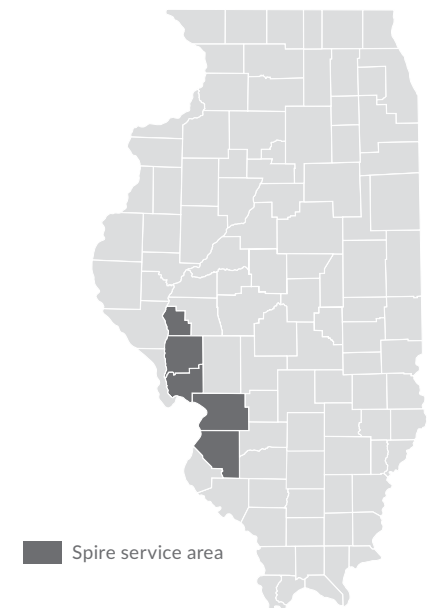
PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Butane	1075	115
Liquid Propane	1978/1075	115
Natural Gas	1971	115
Propane Vapor	1978/1075	115

ILLINOIS COUNTIES OF OPERATION:

Greene	Scott
Jersey	St. Clair
Madison	

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





ROCKIES EXPRESS PIPELINE (REX)

Rockies Express Pipeline (REX) is one of the United States' largest pipelines and is the nation's northernmost bi-directional natural gas header system. REX became fully operational in 2009 and stretches about 1,700 miles from northwestern Colorado and Wyoming to eastern Ohio. Built with 42- and 36-inch diameter steel pipe, REX taps major supply basins in the Rocky Mountain and Appalachian regions and serves energy markets across a vast segment of North America. REX has a long-haul capacity of 4.4 billion cubic feet per day of natural gas and an MAOP of 1480.

COMMITMENT TO SAFETY, HEALTH AND ENVIRONMENT

Tallgrass takes seriously its responsibility to ensure the health and safety of our employees, the general public and the environment. We comply with all federal, state and local laws and regulations, and we meet or exceed industry standards and best practices. Highly trained and experienced personnel monitor our pipelines 24 hours a day, 7 days a week using sophisticated Supervisory Control and Data Acquisition (SCADA) systems so we have real-time information regarding the safety and integrity of our pipeline.

We patrol our pipelines by foot, vehicle and aircraft to ensure safety and identify potential concerns such as encroachments.

We have emergency shut-down systems that can isolate anomalies anywhere in our system quickly and safely. As part of our ongoing education efforts, we work regularly with first responders – using tools such as tabletop exercises and hands-on mock drills – to ensure they are familiar with our assets and know what to do in the unlikely event of an emergency. In addition, Tallgrass is an active member of Common Ground Alliance, working together to educate stakeholders on pipeline safety and promote safe excavation.

24-Hour Emergency Contact: Rockies Express Pipeline 1-877-436-2253

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

ILLINOIS COUNTIES OF OPERATION:

Christian	Moultrie
Douglas	Pike
Edgar	Sangamon
Macon	Scott
Morgan	

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

For more information about our commitment to safety and our public awareness, damage prevention and emergency preparedness activities and resources, please visit www.tallgrass.com or contact Tallgrass directly.

Map is available upon request.





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
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ILLINOIS COUNTIES OF OPERATION:

Crawford	Lawrence
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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.



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

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

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

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:

Champaign, Coles, Douglas, Iroquois and Vermilion counties:

Anthony Fitzgerald
Operations Manager
765-869-5521 (w), 217-725-3105 (m)
anthony.fitzgerald@energytransfer.com

EMERGENCY CONTACT:

1-800-225-3913

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Natural Gas	1971	115
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**ILLINOIS
COUNTIES OF OPERATION:**

Champaign	Hamilton
Clay	Iroquois
Coles	Johnson
Cumberland	Massac
Douglas	Vermilion
Effingham	Wayne
Franklin	Williamson

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



Clay, Cumberland, Effingham, Franklin, Hamilton, Johnson, Massac, Wayne and Williamson counties:

Todd Bullard
Operations Manager
618-543-5040 (w), 618-638-5521 (m)
todd.bullard@energytransfer.com





INTRODUCTION

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

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

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

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

VALERO PUBLIC AWARENESS AND DAMAGE PREVENTION PROGRAMS

Public Awareness Program:

The purpose of the Valero Pipeline Public Awareness Program is to enhance safety and environmental protection through increased public awareness and knowledge. Public awareness programs should raise

the awareness of the affected public and key stakeholder audiences of the presence of pipelines in their communities and increase their understanding of the role of pipelines in transporting energy. Increasing awareness in the communities reduces the likelihood and potential impact of emergencies and releases through education and programs.

Pipeline Surveillance:

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

Pipeline Monitoring:

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

Pipeline Location and Markers:

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



EMERGENCY CONTACT:

1-866-423-0898

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	1267	128
Diesel	1993	128
Ethanol	1170	127
Gasoline	1203	128
Jet Fuel	1863	128
Natural Gasoline	1203	128

ILLINOIS

COUNTIES OF OPERATION:

Cook

Madison

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

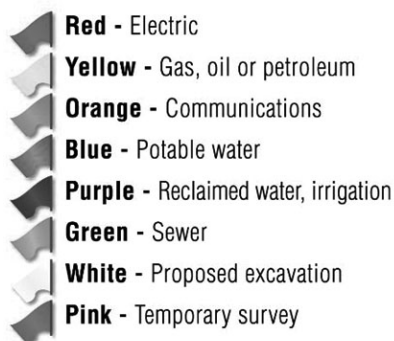


Know what's below.
Call before you dig.

scrapes, gouges, dents or creases to the pipeline or its coating could cause future safety problems.

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

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



PIPELINE LEAKS

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

Look for:

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

Listen for:

- A spewing, hissing or roaring sound

Smell for:

- Hydrocarbon odor
- Rotten egg odor

What to do in a leak occurs

- Evacuate the area immediately by foot and in a direction upwind from any vapors or fumes;
- Eliminate ignition sources (static electricity, electric devices, communication devices, motor vehicles, tools, etc.);
- Warn others to stay clear of the area;
- Call 911 or local emergency officials;
- Call the Valero emergency notification

hotline at **866-423-0898**, and give your name, phone number, a description of the leak and its location.

DO NOT:

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

VALERO EMERGENCY RESPONSE, RESOURCES AND CAPABILITIES

Emergency Condition:

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

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

Emergency Response and Capabilities

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

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

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

necessary expertise and equipment to properly minimize environmental damage and product recovery.

HOW TO GET MORE INFORMATION

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

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

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

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



Vector Pipeline™

915 N. Eldridge Parkway, Suite 1100

Houston, TX 77079

Emergency Phone: 1-888-427-7777

Public Awareness: 1-888-293-7867

Email: uspublicawareness@vector-pipeline.com

Website: www.vector-pipeline.com

Life takes energy: to heat our homes, to feed our families, to fuel our vehicles. Vector 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, Vector invests in the latest technology and training to meet the high environmental and safety standards our neighbors expect, and to keep pipelines the safest, most efficient and most reliable way to move energy resources.

Call or click before you dig

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

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

Pipeline location and markers

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

Emergency responder education program

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

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



Marker appearance may vary in your area.

What if there is an emergency?

Vector 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 CONTACT:

1-888-427-7777

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Natural Gas	1971	115
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ILLINOIS COUNTIES OF OPERATION:

Will

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

Incident Command System

Vector 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 Vector

Actions Specific to Emergency Officials

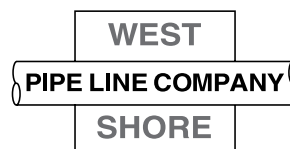
1. Secure the site and determine a plan to evacuate or shelter in place
2. Monitor for hazardous atmospheres
3. Control and redirect traffic as needed
4. Provide immediate access to Vector Pipeline representatives
5. Implement your local emergency plan



Scan to visit our Public Awareness website!

Contact Information

Public Awareness Non-Emergency Phone Number: (866) 432-4960
Public Awareness Email Address: PublicAwareness@buckeye.com
Public Awareness Website: buckeye.com/public-awareness



westshorepipeline.com
12920 Bell Road | Lemont, IL 60439

ABOUT WEST SHORE PIPE LINE

West Shore Pipe Line Company is a common carrier petroleum pipeline system that originates in the Chicago area and extends north to Green Bay, Wisconsin and west and then north to Madison, Wisconsin. The 650 mile pipeline system transports refined petroleum products to markets in northern Illinois and Wisconsin from the greater Chicago area. West Shore also transports crude oil on some pipeline segments.

To learn more about West Shore Pipe Line, log on to www.westshorepipeline.com. To view the approximate location of pipelines in your area, visit the National Pipeline Mapping System at www.npms.phmsa.dot.gov. For general information about pipelines, visit www.pipeline101.com.

COMMITMENT TO HEALTH, SAFETY, AND THE ENVIRONMENT

West Shore Pipe Line is committed to preventing hazards to the public, to the environment, and to West Shore Pipe Line's facilities. West Shore Pipe Line utilizes various programs to ensure the safety of its pipelines. Our control center operates 24 hours a day, 7 days a week monitoring our pipeline leak detection

system. Our Integrity Management Program consists of corrosion control, risk engineering, geographic information systems, and pipeline inspection. We also perform pipeline patrols and various other inspections. Our Public Awareness Program is designed to establish communications and provide information necessary to help the public understand that pipelines are the major transportation system for petroleum products and natural gas in the United States, how pipelines function, and the public's responsibilities to help prevent damage to pipelines. Accordingly, heightened awareness and a better understanding by the public of West Shore's pipeline operations will supplement and enhance our current maintenance, operations, and safety policies and procedures. For more information about these programs, please visit West Shore Pipe Line's website listed above or call **West Shore Pipe Line's non-emergency Public Education number at 866-432-4960.**

EMERGENCY RESPONSE

Since pipelines are the safest and most efficient method of transporting petroleum products, pipeline incidents are rare. West Shore Pipe Line appreciates the hard work and effort of the many emergency responders that may be involved in helping us return the community to normal in the event of an incident. In an emergency, West Shore Pipe Line may utilize the Incident Command System during a response to a pipeline incident. The following are examples of critical tasks would need to be considered during a pipeline release:

- Public Safety / Evacuation
- Responder Safety
- Traffic Control
- Vapor Suppression
- Site Security
- Firefighting
- Product Containment

Federal regulations require specific qualifications to operate pipeline equipment; therefore, West Shore Pipe

EMERGENCY CONTACT: 1-888-625-7310

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Crude Oil	3494	131
Diesel Fuel	1202/1993	128
Fuel Oil	1202/1993	128
Gasoline	1203	128
Petroleum Oil	1270	128
Turbine Fuel	1863	128

ILLINOIS

COUNTIES OF OPERATION:

Boone	La Salle
Cook	Lee
DeKalb	Ogle
DuPage	Will
Kane	Winnebago
Lake	

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

Line employees will perform these duties. DO NOT attempt to operate any pipeline equipment, such as valves, because doing so could make the situation worse.

Additional information on how to respond to incidents involving pipelines is available by contacting West Shore Pipe Line or by obtaining training materials from the National Association of State Fire Marshals' sponsored Pipeline Emergencies Program. This training can be found at <https://nasfm-training.org/pipeline/>.

WEST SHORE PIPE LINE'S RESPONSE IN AN EMERGENCY

West Shore Pipe Line is engaged in constant activity to maintain safe pipeline operations. In the event of a pipeline release, West Shore Pipe Line will take the following steps to ensure public safety and protect the environment:

- Shut down the pipeline
- Close valves to isolate the problem
- Identify hazardous areas



- Dispatch personnel to the scene
- Excavate & repair the damaged line
- Work with emergency responders and the public in the affected area.

West Shore's emergency response plan is available upon request.

ACTIVITY ON THE RIGHT OF WAY

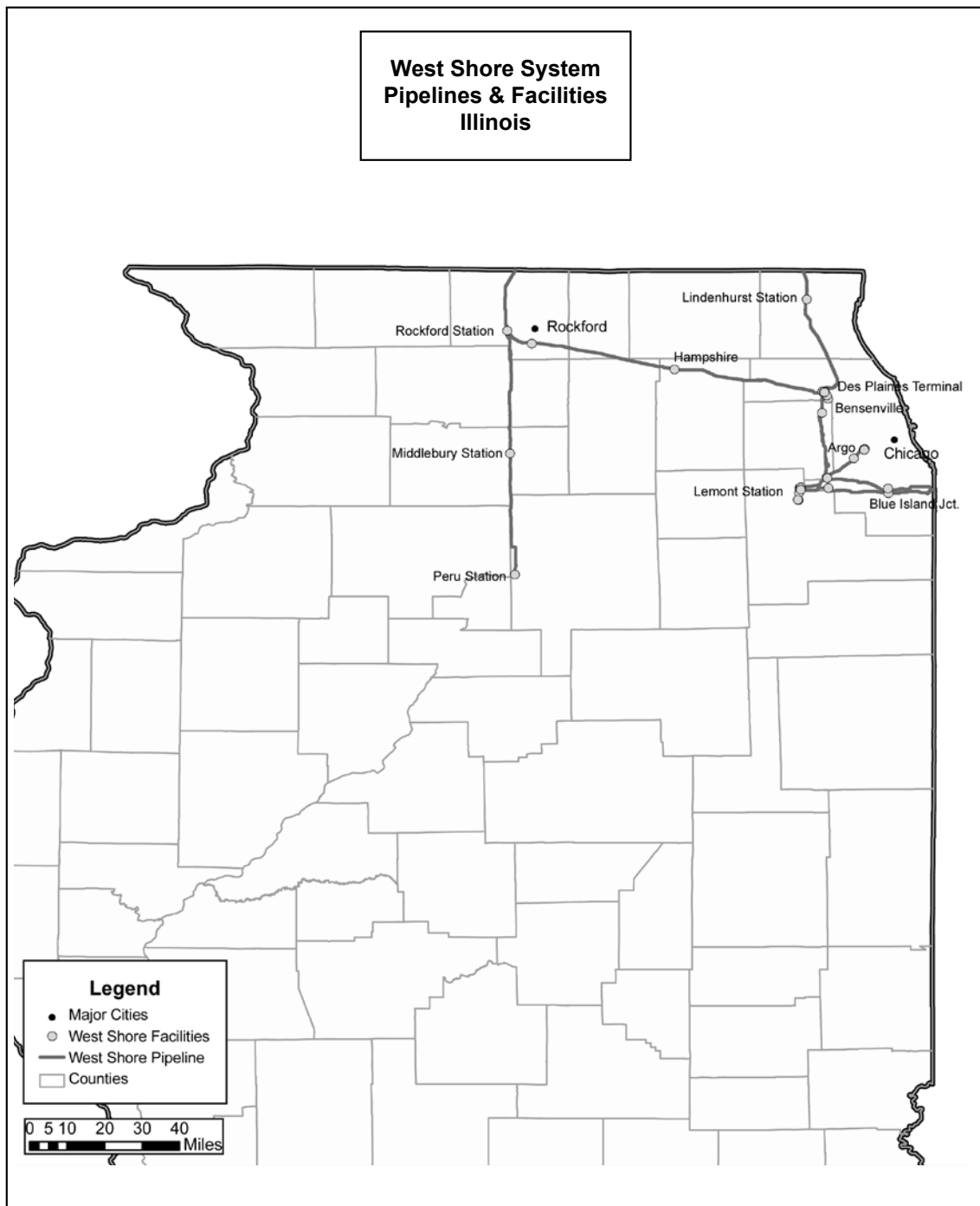
Always be sure to contact 811 before any digging activities occur. Accidental damage caused by excavation, construction, farming activities, and homeowner projects is

one of the greatest threats to pipeline safety. For more information on safe digging, see www.call811.com. If you hit a pipeline, you must report it to the pipeline operator. Even if damage looks minor or nonexistent, it is critical that the operator inspects the pipeline. A minor scratch, scrape, gouge, or dent to the pipeline or coating has the potential to cause a safety issue in the future. Also, if you see suspicious activity on or near the pipeline right of way, immediately notify your local law enforcement agency. Lastly, if you see power

lines down on or near West Shore's pipeline right of way, immediately call West Shore Pipe Line's emergency number listed on this page. Electricity discharging to the ground can damage buried pipelines.



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





In Case of Emergency: 888-337-5004

Connect with us!
Twitter: @wolverinepipe
Facebook: @WolverinePipeLine

Headquarters
8075 Creekside Drive, Suite 210
Portage, MI
Phone: 269-323-2491
she@wplco.com
Website: www.wolverinepipeline.com

ABOUT WOLVERINE PIPE LINE CO.

Wolverine Pipe Line Co. (Wolverine) is a transportation service company, headquartered in Portage Michigan and incorporated in 1952. Wolverine transports liquid petroleum products through 700+ miles of active steel pipelines through three states; connecting Chicago refineries to terminals in northwest Indiana and Michigan.

COMMITMENT TO SAFETY, HEALTH AND THE ENVIRONMENT

Wolverine strives to conduct its business in a manner that protects the environment and the safety and health of the public, emergency responders, customers & employees. We are committed to continuous efforts to identify and eliminate safety risks associated with our operations.

As your neighbor, Wolverine works hard to operate in a safe and environmentally responsible manner. We adhere to all applicable environmental, construction and pipeline design regulations and apply industry standards where laws or regulations do not exist.

SIGNS OF A PIPELINE LEAK

The following are indications of a possible pipeline leak:

- Brown or discolored vegetation
- Dirt being blown into the air
- Sheen on water surfaces
- Fire at or below ground level
- Stains or pools of hydrocarbons not usually present
- Continuous bubbling in water
- An unusual hissing or roaring noise
- An unusual odor such as gasoline, oil, or sulfur

EMERGENCY RESPONSE ACTIONS

In the event of an emergency, Wolverine would take the following actions:

- Shut down and isolate the pipeline by closing valves
- Dispatch trained personnel to the scene
- Work with emergency responders and the public in the affected area
- Contain and remove released product

PRIORITIES FOR MANAGING A PIPELINE INCIDENT

- Safety First – Consider your safety and the safety of the public.
 - Shut down motor vehicles and remove ignition sources from the area
 - Establish a safe perimeter around the incident site
 - Stay upwind or uphill
 - Only enter hazardous area if you are properly trained and equipped
- Isolate the area and size up the incident
 - Secure the site
 - Establish hot, warm, and cold zones
 - Establish security
- Identify the operator
 - Look for pipeline markers
- Contact the Operator
 - Exchange location, nature of the problem, and a telephone number at which someone can be reached

WOLVERINE STATE SPECIFIC CONTACTS

Area Office	Phone
Niles Field Office	269-683-6305
Portage HQ.....	269-323-2491
Freedom Field Office	517-784-3393
Alma Field Office	989-463-1976
Hammond Field Office.....	219-844-0355

EMERGENCY CONTACT: 1-888-337-5004

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Diesel Fuel	1993	128
Gasoline	1203	128

ILLINOIS COUNTIES OF OPERATION:

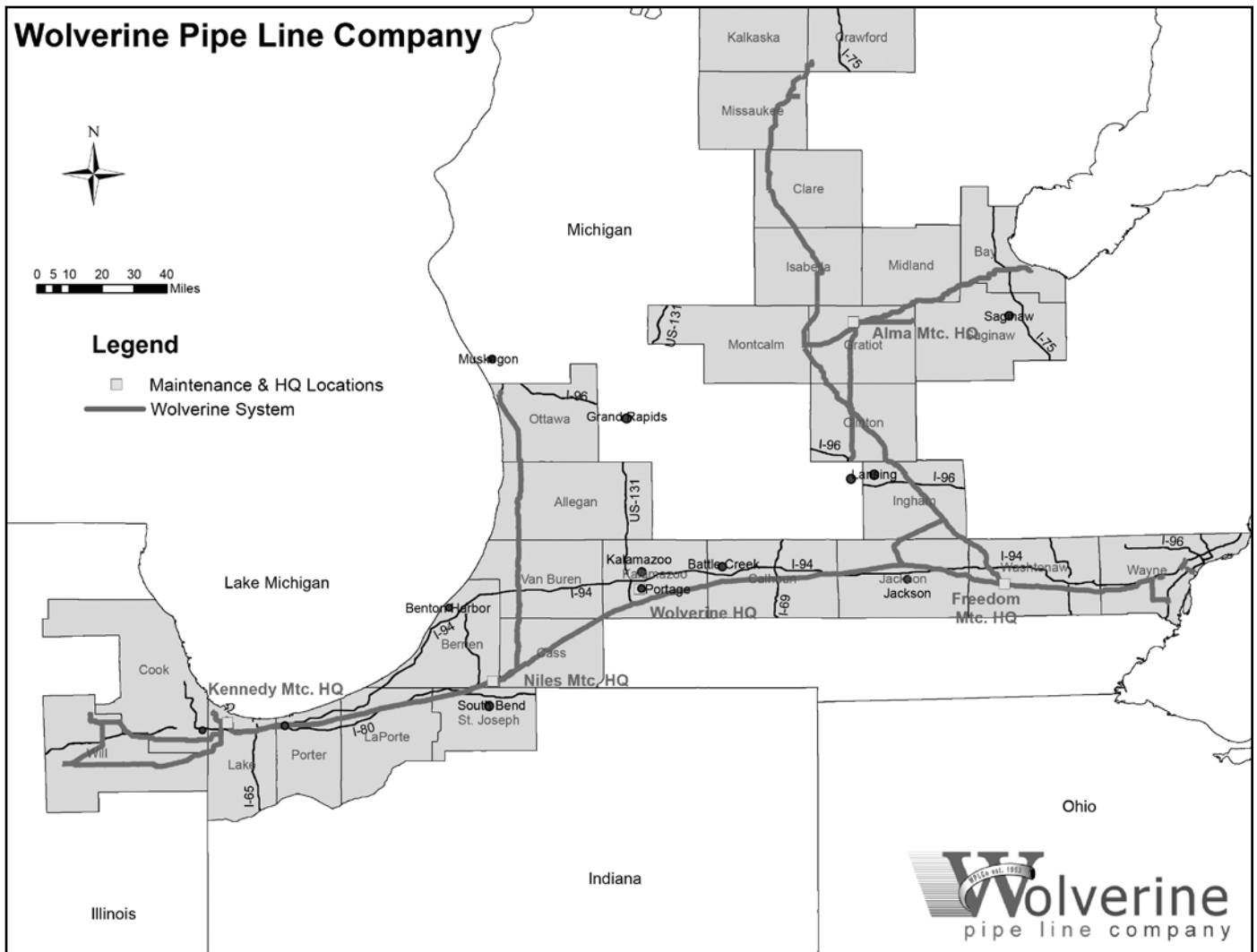
Cook Will

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

PIPELINE MARKERS

Pipeline markers are located along the right of way, at road intersections, waterways, railroad crossings, and all above ground facilities. These signs identify the approximate location of the pipeline and specify the type of product, operator, and emergency contact information.





Community Awareness through Interaction: The Wolverine PIPE Program

In early 2010, Wolverine Pipe Line Company launched a new and innovative program aimed at educating and enhancing relationships with every community and key stakeholders along Wolverine's 700+ miles of underground steel pipeline. Since then we have visited over 100 communities across Michigan, Indiana & Illinois.

Wolverine's community outreach program is called the Partners in Pipeline Education or PIPE. Through the PIPE Program, we make personal connections to the local Fire Departments, Police Departments, Emergency Management Personnel, Government Officials and other stakeholders with whom we work with for normal operation and maintenance activities and in case of an actual emergency.

If you are interested in scheduling a PIPE Presentation, contact us today at pipeprogram@wplco.com.

Partners In Pipeline Education



Wolverine Pipe Line Company



Jonathan Patneau
 1035 West Laraway Rd.
 Joliet, IL 60436
 Phone: 419-508-3867
 Website: www.zenithterminals.com

Zenith Energy Terminals Holdings LLC owns, operates, develops and acquires a diversified portfolio of complementary energy logistics assets. Zenith Energy Terminals assets include 5 liquid product terminals located in Illinois, Oregon, and California.

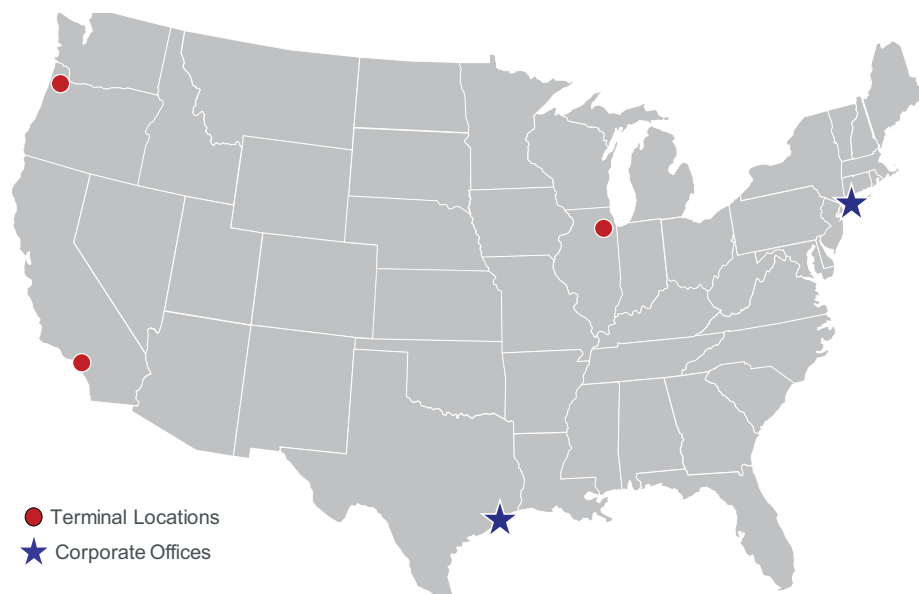
Unlike many competing terminal companies, Zenith Energy Terminals is a third party terminalling company that does not market, store or own petroleum product and, as such, does not compete with its customers. Zenith Energy Terminals provides terminalling, storage, throughput and transloading services for a variety of petroleum products to customers under multi-year contracts. Zenith Energy Terminals assets have the ability to distribute products throughout the United States via pipeline, marine, railroad and truck.

Zenith Energy Terminals Strengths

- Zenith Energy Terminals is an independent operator that does not market, store or own its own product and, as such, terminal customers are not competing with the terminal operator
- Zenith Energy Terminals focuses on operations and its customers, devoting significant capital and resources to efficiency and maintenance programs
- Zenith Energy Terminals is responsible for environmental, health and safety, compliance and all regulatory documentation
- All Terminals are operated by employees that are highly trained and properly certified

For further information please contact:

Jonathan Patneau
 1035 West Laraway Rd
 Joliet, IL 60436
 Phone: 419-508-3867



EMERGENCY CONTACT:

1-800-436-4301

PRODUCTS/DOT GUIDEBOOK ID#/GUIDE#:

Fuel Oil	1993	128
Crude Oil	1267	128

ILLINOIS COUNTIES OF OPERATION:

Will

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

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*

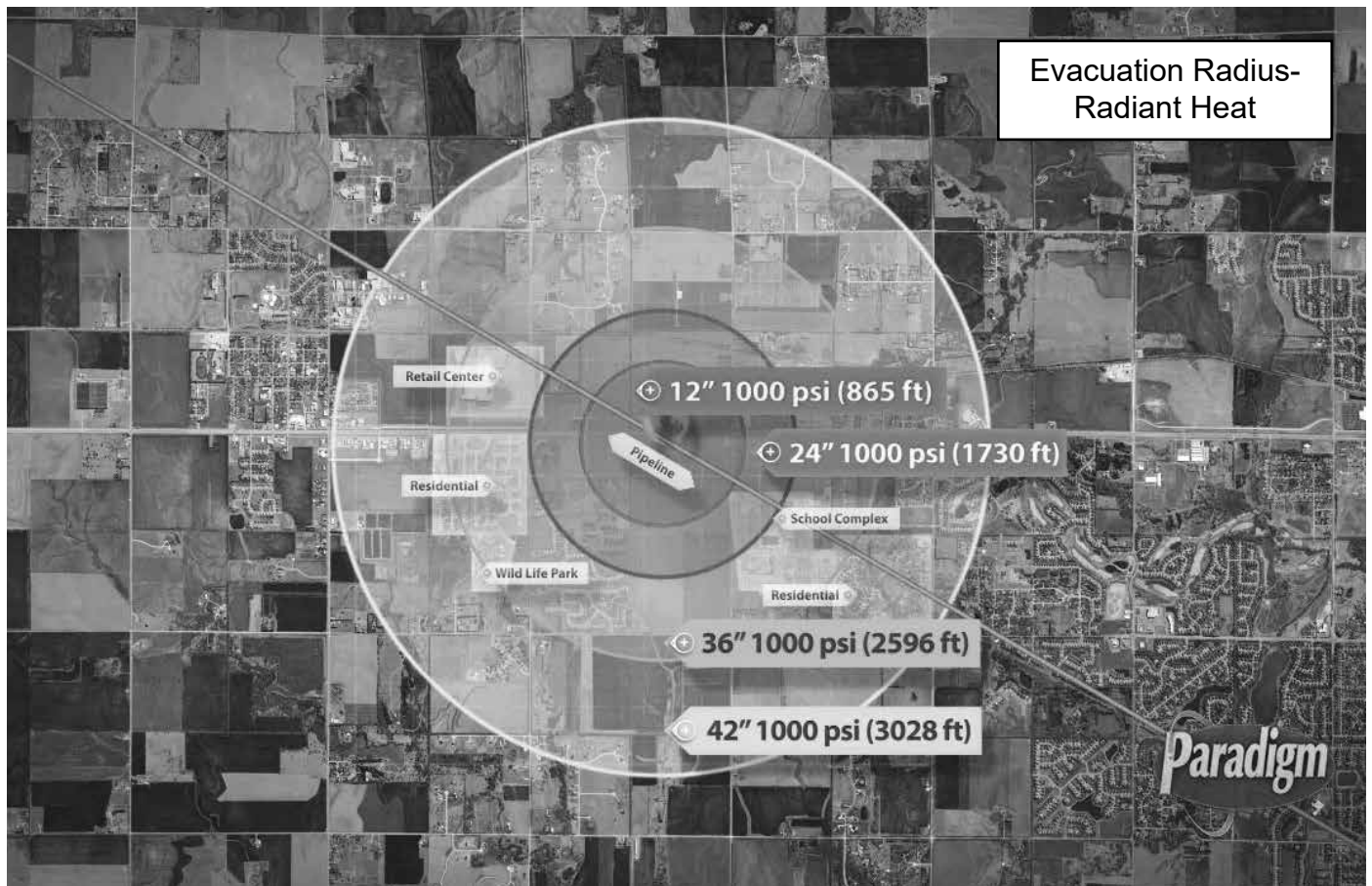
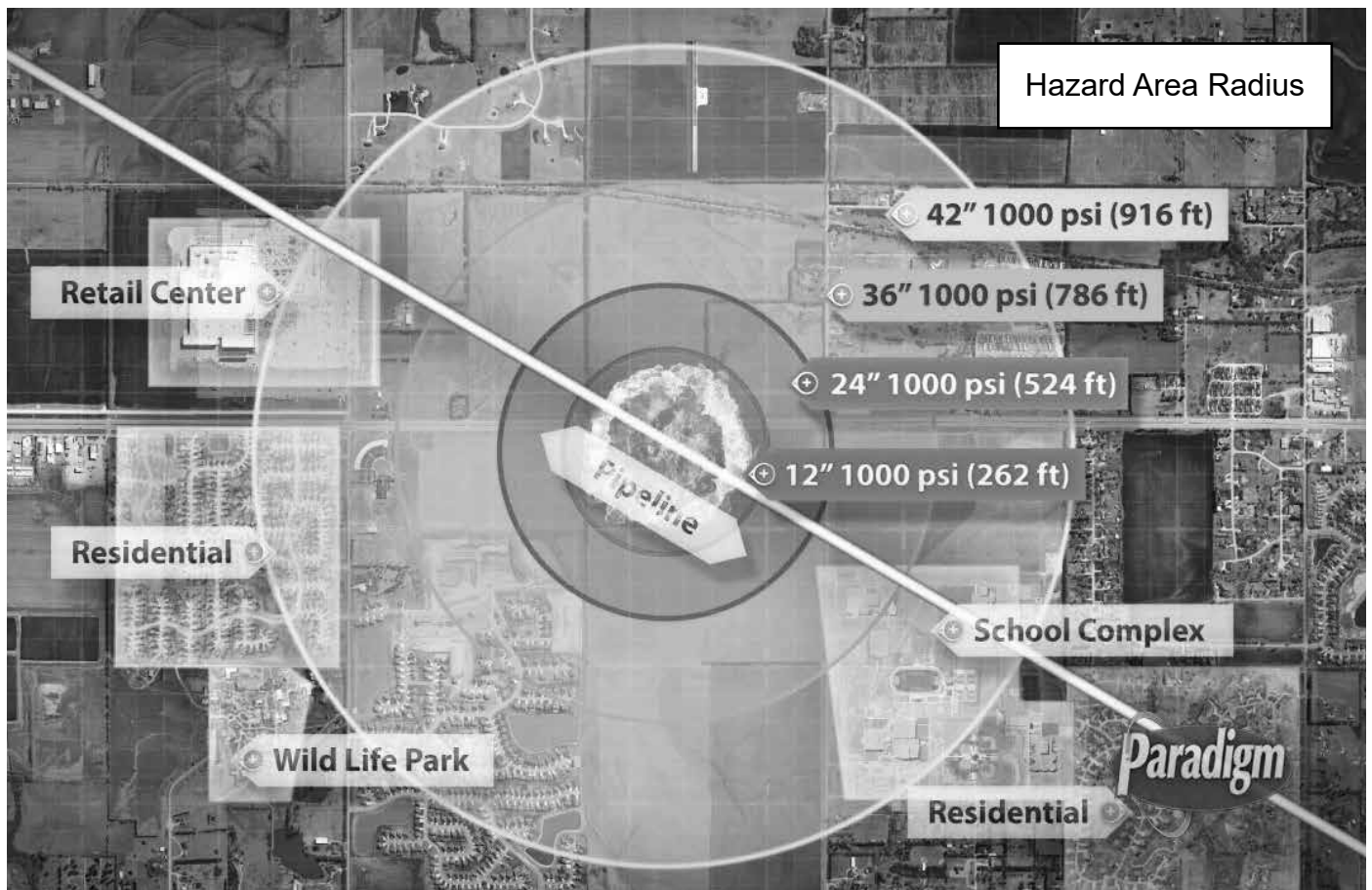
Hazardous Liquids

(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*



NENA Pipeline Emergency Operations - Call Intake Checklist

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

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

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

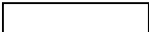
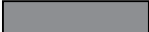

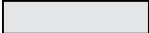




- Indicates area of pipeline operations
- May have multiple markers in single right-of-way
- May have multiple pipelines in single right-of-way
- DOES NOT show exact location
- DOES NOT indicate depth (*never assume pipeline depth*)
- DOES NOT indicate pipeline pressure



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:



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

www.nrc.uscg.mil or 800-424-8802

Paradigm Liaison Services, LLC

www.pdigm.com

United States Environmental Protection Agency (EPA)

www.epa.gov/cameo

Wireless Information System for Emergency Responders (WISER)

www.wiser.nlm.nih.gov

FOR MORE INFORMATION ON THE NASFM PIPELINE EMERGENCIES PROGRAM

www.pipelineemergencies.com

FOR EMERGENCY RESPONSE INFORMATION, REFER TO DOT GUIDEBOOK.

FOR COPIES: (202) 366-4900

www.phmsa.dot.gov/hazmat/erg/emergency-response-guidebook-erg

About Paradigm

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

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

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

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

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

Contact Paradigm for more information regarding custom public awareness solutions.

Contact us:

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



HSEEP

Homeland Security Exercise
and Evaluation Program

Presenter/Contact Information:		Key Take-Aways:	
		✓	
		✓	
		✓	
		✓	
		✓	
Comments to Remember			
Questions to Ask			
New Concepts to Explore			



JULIE, Inc.

State of Illinois (outside the City of Chicago)

Assistance in Damage Prevention, Underground Locate Requests, & Emergency Notification (Center is open 24/7, 365 days a year)

1-800-892-0123 or 811

For additional information: JULIE, Inc.
3275 Executive Drive
Joliet, IL 60431
juliebeforeyoudig.com

Services: Center provides state-wide one-call coverage (outside the City of Chicago) for the free locating and marking of underground facilities by its utility members. JULIE, Inc. neither owns nor marks any underground facilities.

Within the city limits of Chicago, contact 811 Chicago at 312-744-7000

ILLINOIS

JULIE, Inc.: 800-892-0123

Website: juliebeforeyoudig.com

Hours: 24 hours, 7 days

Advance Notice: 2 days but no more than a 10 days advance notice prior to the start of excavation. A day does not include weekends, JULIE recognized holidays and the day of the notice.

Marks Valid: 25 days (Ticket Life). A day does not include weekends, JULIE recognized holidays and the day of the notice.

Law Link:

<http://primis.phmsa.dot.gov/comm/DamagePreventionSummary.htm>

811 Chicago: 312-744-7000

Website: <https://ipi.cityofchicago.org/Digger>

Hours: 6:00 AM - 10:00 PM

Tickets Fax: 312-742-0950

Advance Notice: 48 hours

Marks Valid: 28 days

Law Link:

<http://primis.phmsa.dot.gov/comm/DamagePreventionSummary.htm>

* When possible

	TICKETS			STATE LAWS & PROVISIONS								NOTIFICATION EXEMPTIONS					NOTIFICATIONS ACCEPTED					
	FAX	Online	Mobile	Statewide Coverage	Civil Penalties	Emergency Clause	Mandatory Membership	Excavator Permits Issued	Mandatory Remarks	Positive Response	Hand Dig Clause	Damage Reporting	DOT	Homeowner	Railroad	Agriculture	Depth	Damage	Design	Emergency	Overhead	
	N	Y	Y	N	Y	Y	Y	N	Y*	Y	Y	Y	N	N	Y	Y	N	Y	Y	Y	N	N

Y	Y	N	N	Y	Y	Y	Y	Y*	Y	Y	Y	N	N	N	Y	N	Y	N	Y	N	N	18"
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