



IMPORTANT

PIPELINE SAFETY INFORMATION

Please read and share with others.

*Those that receive this pipeline safety message fall under the following groups:
Emergency Responders, Public Officials, Excavators, Property Owners and Residents.*



Your feedback is important to us. Scan the QR code to complete the **ONEOK** pipeline safety survey. For the first 500 survey respondents, a \$5 Amazon gift card will be sent to you as a thank you for completing the survey.



ONE.AP.22

*For more information
on pipeline safety
please visit the
ONEOK public
awareness website.*



IN AN EMERGENCY:

Natural Gas Liquids

800-666-9041

❖ ONEOK NGL Pipeline

888-844-5658

❖ ONEOK North Pipeline

844-288-7240

❖ ONEOK Permian NGL Operating Co

855-348-7258

❖ ONEOK Bakken Pipeline

844-258-7240

❖ Cahoma Liquid Storage

Natural Gas

800-562-5879

❖ OKTEX Pipeline Co - Texas

❖ ONEOK Texas Gas Storage

❖ ONEOK WesTex Transmission

800-778-7834

❖ ONEOK Rockies Midstream - North Dakota and Montana

866-575-6465

❖ ONEOK Rockies Midstream - Wyoming

❖ Fort Union Gas Gathering LLC

888-215-5137

❖ OKTEX Pipeline Co - Oklahoma

❖ ONEOK Gas Transportation

888-417-6275

❖ Guardian Pipeline

❖ Midwestern Gas Transmission Company

❖ Viking Gas Transmission Co

888-675-3302

❖ Mid Continent Market Center - Kansas

❖ ONEOK Field Services Co - Kansas and Oklahoma

800-666-9041

❖ ONEOK NGL Pipeline

Online

pipelineawareness@oneok.com

Other Resources

pipeline101.com

safeexcavator.com

pipelineawareness.org

phmsa.dot.gov

National Pipeline Mapping System:

nmps.phmsa.dot.gov

ONEOK

FACILITIES

**ONEOK
OPERATES:**

**NATURAL GAS GATHERING &
TRANSMISSION PIPELINES**

NGL TRANSMISSION PIPELINES

UNDERGROUND STORAGE

PROCESSING PLANTS

ONEOK operates pipelines that perform three distinct functions. Those are gas gathering, natural gas transportation and natural gas liquids (NGLs) transportation.

Gathering pipelines collect gas from gas production wells. After the natural gas enters the gathering pipeline, the gas flows to strategically placed compressor stations where the gas is compressed and moved down the pipeline. Raw natural gas often requires treatment to achieve the proper gas quality necessary for use by customers.

As gas is processed, water and impurities, like sand and unwanted particles, are extracted from the gas stream at the same time the hydrocarbons are separated into two streams: natural gas and natural gas liquids. NGLs include propane, butane and other by-products that are delivered to others.

NGLs are then transported further downstream using pump stations along the transmission system. Pumps assist in moving the liquids to additional processing plants, manufacturing facilities, or other customers.

Natural gas transmission pipelines move the gas from processing plants or other pipelines to distribution or market centers for individual users, towns, cities, or electrical generation power plants.

Both natural gas and NGLs may be stored safely above ground or below ground until they are needed during higher usage months.

You have been identified as a ONEOK stakeholder who can assist us in maintaining the integrity and safety of pipeline operations in communities where we operate.

As a... Neighbor, you may work or live near one of our pipelines or facilities. You are one of **ONEOK's** partners who can assist with keeping our operations safe by staying alert, being aware of pipelines in your area and taking action when seeing something suspicious.

As an... Emergency Responder, this information is being shared with your agency so that you know what actions and resources **ONEOK** will utilize during a pipeline-related emergency. With this information, your agency will be better prepared and able to deploy a response to a such an emergency.

As an... Excavator, you play an important role in ensuring your own safety while also helping utilities and pipeline companies protect the safety and integrity of their operations. Excavation is one of the leading causes of damage to pipelines and we ask that you call 811 prior to digging.

As a... Public Official, you are a government official whose jurisdiction could be impacted in the event of a pipeline-related emergency or you have jurisdiction over issues that could impact the safe operations of pipelines. **We request when planning or developing in the vicinity of a ONEOK pipeline, you contact us.**

This brochure contains information that will help you:

- ❖ identify pipeline facilities;
- ❖ prevent damage to the pipelines; and
- ❖ recognize, respond, and protect yourself in the event of a pipeline-related emergency.

Millions of miles of pipelines are used to move energy resources each day from areas of production to consumers. Pipelines are the most efficient, economic, and safest method of transporting energy resources.

*If you have any questions or concerns after reading this information, please contact **ONEOK** at pipelineawareness@oneok.com or encroachments@oneok.com.*

PIPELINE MARKERS

Permanent pipeline markers are used to designate the route of a pipeline. Markers are found where a pipeline crosses a street, railroad, or waterway, and where a pipeline emerges from the ground.

Be Aware: Permanent pipeline markers will not designate the exact location, depth or number of pipelines in the area. Markers come in different shapes and sizes, but will always indicate:

- ❖ **"Warning," "Danger," or "Caution"**
- ❖ **The material being transported**
- ❖ **The name of the pipeline company**
- ❖ **A number to reach the company in the event of an emergency**



NATURAL GAS

OKTEX PIPELINE CO - TEXAS
OKTEX PIPELINE CO - OKLAHOMA
TEXAS GAS STORAGE
WESTEX TRANSMISSION
ONEOK ROCKIES MIDSTREAM - ND & MT
ONEOK ROCKIES MIDSTREAM - WYOMING
FT UNION GAS GATHERING - WYOMING
GUARDIAN PIPELINE
MIDWESTERN GAS TRANSMISSION CO
VIKING GAS TRANSMISSION CO
MID CONTINENT MARKET CENTER - KANSAS
ONEOK FIELD SERVICES CO - KANSAS & OKLAHOMA
ONEOK NGL PIPELINE
ONEOK GAS TRANSMISSION

NATURAL GAS LIQUIDS

NGL PIPELINE
NORTH SYSTEM
PERMIAN NGL OPERATING CO
BAKKEN PIPELINE

UNDERGROUND STORAGE

DEPEW GAS STORAGE
EDMOND GAS STORAGE
HASKELL GAS STORAGE
LOOP GAS STORAGE
FELMAC GAS STORAGE
SALADO GAS STORAGE
BREHM GAS STORAGE
KONOLD GAS STORAGE
CAHOMA LIQUID STORAGE



SIMPLE STEPS TO DIGGING SAFELY

Before you dig, drill, blast, or move any ground near a pipeline, contact your local one call center by dialing 811. This service will notify operators of underground utilities who will mark their facilities. This is required by law and can save your life.

- 1 Contact your state's one call center by dialing 811 at least 72 hours (not including weekends or holidays) before you want to dig.
- 2 Wait for facility or utility owners to mark their underground facilities using paint, flags, and/or stakes.
- 3 Confirm that all facilities and utilities have been properly 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.
- 4 Confirm the accuracy of the markings by carefully exposing the underground facility using hand-digging or vacuum excavation. A **ONEOK** representative must be present while this occurs.
- 5 Use caution near underground facilities; obey safe excavating practices and state laws.

PLEASE NOTE that one call laws vary by state. For more information visit: www.oneok.com/public-awareness/one-call-or-safeexcavator.com.

SafeExcavator

YOU MAY ALSO DOWNLOAD THE SAFE EXCAVATOR APP FOR MORE EXTENSIVE INFORMATION. JUST LOOK FOR THE ORANGE SHOVEL.

Google play

Available on the App Store

ALWAYS CONTACT

811 (CALL OR ONLINE)
PRIOR TO DIGGING

ALWAYS REMEMBER

911 IS JUST FOR AN EMERGENCY

COLOR CODING CHART

THE FOLLOWING COLORS ARE USED TO TEMPORARILY MARK UTILITY LINES ON YOUR PROPERTY DURING AN EXCAVATION PROJECT.

PROPOSED EXCAVATION

POTABLE WATER

SEWERS AND DRAIN LINES

TEMPORARY SURVEY MARKINGS

ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTING CABLES

GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS

RECLAIMED WATER, IRRIGATION AND SLURRY LINES

COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT

YOU PLAY A **CRITICAL ROLE** IN PIPELINE SAFETY

*Pipelines are buried in areas called **rights-of-way (ROW)** or **easements**. The right to place and operate a pipeline on property is secured through an **easement agreement** between the pipeline and property owner. For more information on the activities you are or are not permitted to do on a **ONEOK ROW**, please review your **easement agreement** or contact a **landowner relations representative** at encroachments@oneok.com.*

PLEASE REMEMBER TO ALWAYS:

Secure the consent of utilities like ONEOK before engaging in any activities on the ROW like planting trees, building a fence, placing a shed, planning a home expansion or other home improvements.

Contact ONEOK prior to excavation. A **ONEOK** representative must be present during excavation activities that pose a threat to **ONEOK** pipelines.

Report any suspicious activity by individuals who are not performing obvious work related to pipeline operations or related facilities to pipelineawareness@oneok.com or using the emergency numbers found on page 2 of this brochure.

Report any damage to the pipeline system or any observed conditions that could threaten the integrity of the pipeline system. Examples are exposed pipe, subsidence, sink holes, dead vegetation, or unstable soil.

PLEASE... CONSULT A ONEOK ROW AGENT BEFORE YOU DO ANY OF THE FOLLOWING...

PLACE MAILBOXES

LAY CONCRETE SLABS, FOUNDATIONS, OR OTHER MATERIAL OR STRUCTURES

LIMIT ACCESS TO THE AREA BY PLACING PERMANENT FENCES OR OTHER STRUCTURES IN A WAY THAT PROHIBITS PIPELINE PERSONNEL FROM MONITORING OR CONDUCTING MAINTENANCE

PLANT TREES OR SHRUBS





PIPELINE LEAK RECOGNITION & RESPONSE

Due to the extensive measures taken by **ONEOK** and other pipeline companies to prevent pipeline leaks, unplanned releases are rare. The most frequent causes of pipeline failures are equipment digging into the buried pipeline, and corrosion.

If you suspect a release or pipeline emergency, please call 911 immediately.

Then contact **ONEOK** toll free using the emergency numbers found on page 2 of this brochure to mobilize **ONEOK** response personnel.

As our neighbor, it is important for you to be able to recognize the signs of a potential pipeline incident and know how to respond. Use your senses to recognize a potential pipeline emergency.

USE YOUR SENSES

Note: Not all signs must be present to indicate a leak!

NATURAL GAS

HVLs (Includes natural gas liquids, propane, butane, ethylene, and condensates)

DO YOU SEE?

Dead or discolored vegetation
A sheen on the surface of water
Bubbling in pools of water
A white vapor cloud that may look like smoke
Dirt blowing from a hole in the ground
Fire coming out of or on top of the ground
An area of frozen ground or an ice ball in summer
An unusual area of melted snow in winter

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

DO YOU SMELL?

An odor like petroleum liquids or gasoline
An odor like rotten eggs or a burnt match

YES

YES*

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

DO YOU HEAR?

A hissing or whistling noise
A loud roaring sound like a jet engine

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

**Natural gas is odorless in its natural state. However, it can have an added smell that if released into the atmosphere may give off an acidic or unpleasant smell. Some gas gathering pipelines contain a condensate or "petroleum-like odor."*

Some pipelines transport products that can be harmful if inhaled, can cause eye and skin irritation or can result in difficulty breathing. Be aware of health hazards as well as potentially flammable or explosive conditions or situations that may result in injury or death. The effects of a pipeline emergency will vary depending on the products being transported, the amount of product released, and the area where the incident occurs.

Natural Gas

Natural gas is flammable and is easily ignited by heat, sparks or flames. Natural gas may also form an explosive mixture with the air and may travel to an ignition source and ignite or “flashback” – meaning the fire will travel back to the source of the natural gas.

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.






Natural Gas Liquids/NGLs

NGLs are easily ignited by high 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.

TAKE ACTION...

If you suspect a pipeline leak or rupture:



-  Abandon any equipment in its current operational state
-  Leave the area on foot immediately
-  Move in an upwind/crosswind direction away from the incident
-  Once in a safe place, call 911 and then **ONEOK** toll free using the numbers found on page 2 of this brochure
-  Warn others to stay away

LEAK RESPONSE

The Pipeline Control Center is manned 24/7 and is authorized to shut down the pipeline upon receiving an emergency call.

If a pipeline emergency is suspected or confirmed, the Controller will:








- Verify if the caller has contacted 911.
- Make proper notifications to:
 - **ONEOK** personnel, who shall confirm the emergency.
 - The PSAP and other emergency response agencies.

In partnership with emergency responders, **ONEOK** will determine whether to initiate the Incident Command.

ONEOK provides detailed information on its systems and emergency preparedness and response through the Buxus™ mobile app. This includes specific information as to the steps that should be taken for the respective type of product being transported. For information on how you can access this information, including the **ONEOK** Emergency Response Action Plan, please contact info@Buxus.io.

DO NOT...



-  Create any sources of ignition, such as heat or sparks
-  Start a car, turn off any switches, or light a cigarette
-  Use a phone or cell phone while near the suspected leak
-  Attempt to turn any pipeline valves
-  Walk or drive into or near a vapor cloud or mist
-  Touch the escaping liquid or gas
-  Attempt to extinguish or control a fire

To ensure the safety of pipelines, ONEOK takes the following measures:

- ❖ Qualifies employees to operate and maintain the pipeline and related facilities
- ❖ Maintains a low-voltage electric current over its pipelines, referred to as cathodic protection, in order to prevent corrosion of the steel
- ❖ Patrols pipelines to ensure the ROW is clear and no leaks are present, including ensuring the pipeline is accessible for on-going maintenance and emergency response
- ❖ Tests pipelines to ensure the integrity of the system before the pipeline becomes operational
- ❖ Trains employees to appropriately respond in the event of a pipeline emergency

When operating in an area that could pose a greater risk to the pipeline or the public, pipeline operators are required to have an integrity management plan (IMP). The **ONEOK** IMP seeks to assess, evaluate, repair and validate the integrity of pipeline segments that, in the event of a leak or failure, could affect populated areas, areas unusually sensitive to environmental damage, and/or commercially navigable waterways. To learn more, please contact us at pipelineawareness@oneok.com or the DOT Compliance Group at 918-561-8019.



ONEOK