

SIGNS OF A NATURAL GAS PIPELINE LEAK



Call our 24-hour emergency telephone
number to report a leak.

402-374-2900

Work Hours 8am - 5pm

Monday thru Friday

402-687-2485

Leaks from a natural gas pipeline are extremely rare. Year after year the National Transportation Safety Board statistics support the industry's safety record. However, it is important to know how to recognize the signs of a leak if one were to occur in your area.

CALL RIGHT AWAY IF YOU

See

- Vegetation over or near the pipeline which appears to be dead or dying for no apparent reason.
- Water bubbling at a creek, pond, or any wet area.
- Dirt being blown or appearing thrown into the air.
- Fire or explosion near or involving the pipeline.
- Exposed pipeline, which may have been caused by a natural disaster, such as flood or earthquake.

Hear

- A hissing, whistling or roaring sound.

Smell

- Our pipelines contain odorized gas. In that case, the gas will have a slight "rotten egg" smell.

STEPS YOU SHOULD TAKE IF YOU SUSPECT A GAS LEAK

1. If you suspect a leaking or damaged pipeline, leave the area immediately and warn others to stay away.
2. If you suspect your excavation equipment has struck a pipeline, do not attempt to move the equipment. Shut the equipment off and leave the area.
3. Once away from the pipeline, call our 24-hr Emergency number at **402-374-2900**.

Nebraska Diggers Hotline

Dig Safely.®



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

1-800-331-5666

www.ne1call.com

SAVE THIS INFORMATION

IN THE EVENT OF
AN EMERGENCY,
CALL !



IF YOU KNOW OR
SUSPECT AN EMERGENCY
INVOLVING LYONS
NATURAL GAS PIPELINES
OR FACILITIES, CALL THE
FOLLOWING EMERGENCY
TELEPHONE NUMBER

DO NOT USE AN OPEN FLAME OR
BRING ANYTHING INTO THE AREA THAT
COULD CAUSE THE GAS LEAK TO IGNITE
(PHONES, LIGHTERS, ETC.).

DO NOT GO NEAR THE AREA. KEEP OTH-
ER UNTRAINED INDIVIDUALS AWAY
FROM THE SITE.

DO NOT ATTEMPT TO SHUT OFF ANY
VALVES OR EXTINGUISH ANY FIRES.

EMERGENCY NUMBER

402-374-2900

**CITY OF LYONS
VIA**

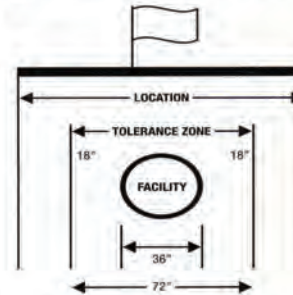
BURT COUNTY DISPATCH

USE OF MARKINGS

White	Proposed Excavation.
Flourescent Pink	Temporary Survey.
Red	Electronic power lines, cables, conduit and lighting cables.
Yellow	Gas, 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.

Use of color-coded surface marks (paint or similar coating) to indicate the location and route of buried lines. To increase visibility, color-coded vertical markers (temporary stakes or flags) should supplement surface marks. All marks and markers should indicate the name, initials or logo of the company that owns or operates the line and the width of the facility if it is greater than two inches.

If the surface over the buried line is to be removed, supplemental offset marking may be used. Offset markings should be on a uniform alignment and must clearly indicate that the actual facility is a specific distance away.



Sample Marking

Hazards of Natural Gas Leaks:

Natural gas is highly explosive and can also ignite into a fire if the air to gas mixture is at the right level. The level at which gas will ignite or burn is 4.5% to 14.5% natural gas mixed with air. For example, if the air inside a building is found to have 85% gas, the air is too rich with gas to ignite (burn). Follow the steps mentioned in this brochure if you think you sense a gas leak. This situation is very dangerous to deal with yourself. Call the gas emergency number and let gas personnel or Fire Department deal with the gas leak. The building will need to be ventilated. Keep in mind that while ventilating, the percent of gas will drop and eventually pass through the explosive range 4.5% to 14.5% mentioned above.

Living Safely



With Natural Gas

CITY OF LYONS GAS UTILITY





PIPELINE INFORMATION

City of Lyons Utilities operates underground natural gas pipelines in Lyons. We are providing this safety information as part of our pipeline damage prevention program to our customers and neighbors who live and work in the vicinity of our facilities. Please share this information with others.

WHAT IS NATURAL GAS?

Natural gas is the cleanest burning fossil fuel. It moves silently, safely and efficiently through an extensive network of pipelines in our distribution system.

Below are some reassuring facts about natural gas:

- Natural gas is not a poison or toxic.
- Natural gas is colorless and odorless in its natural state.
- Natural gas will not ignite on its own. To burn, gas requires both a precise amount of oxygen and an ignition source.
- Natural gas is lighter than air and will rise and dissipate rapidly.

ARE PIPELINES SAFE?

Natural gas pipelines are the safest method of transporting energy. They lie underground, virtually unseen as they deliver gas to our customers. Although Lyons Utilities follows strict pipeline safety procedures, it is still important for everyone living and working near gas pipelines to know basic safety information.

While pipeline companies and employees across the nation are on a heightened state of alert, we continue to monitor and patrol the pipelines regularly via vehicles and on foot. Please call local law enforcement if you see anything out of the ordinary in your Area. Together, we can take precautions that will keep Lyons safe.



IF YOU LIVE OR WORK NEAR A PIPELINE

HOW CAN YOU TELL WHERE A PIPELINE IS LOCATED?

Since natural gas pipelines are built underground, their location and depth are difficult to determine. Never assume the pipeline lies in a straight line. Always call **Diggers Hotline at 811** before digging. It is a crime for any person to deliberately damage, destroy or remove any pipeline sign or right-of-way marker.

Pipelines can lose cover by natural erosion or other forces. If you observe indications that a pipeline is shallow or exposed, contact Lyons Gas Utilities at 402-687-2130.

WHAT IS A PIPELINE RIGHT-OF-WAY?

A pipeline right-of-way is the strip of land over a pipeline. A right-of-way agreement between City of Lyons and a property owner is called an easement. Easements provide the city with permanent, limited access to the land to enable us to operate, test, inspect, maintain, and protect our pipeline.

CAN I BUILD/DIG ON A RIGHT-OF-WAY?

Pipeline right-of-way must be kept free from structures and other obstructions. If a pipeline crosses your property, please do not plant trees or shrubs on or near the right-of-way without first having the Lyons Utility personnel mark the pipeline, stake the easement and explain construction guidelines to you.

WHO SHOULD I CALL IF I DETECT A GAS LEAK IN MY HOME?

If you suspect a natural gas leak inside your home or on your service line, immediately evacuate and contact the Lyons Gas Utility.

**Emergency Number 402-374-2900
or (402) 687-2485 during work hours**



IF YOU ARE A PUBLIC SAFETY OFFICIAL

A public safety official must take whatever steps are necessary to safeguard the public in the event of a pipeline emergency. The following suggestions are offered as a guide:

- Notify the City of Lyons Utilities at 402-374-2900. Report the type (leak, rupture, fire) and the location of the emergency.
- Establish a safety zone around the emergency site and control access. This may include evacuating people within the safety zone.
- If gas is not burning, avoid doing anything that may ignite it. Be aware of wind direction and potential ignition sources.
- If gas is burning, control secondary fires, but do **not** attempt to put out pipeline fires. Do **not** attempt to operate pipeline valves.

While emergency response agencies are doing their part, our pipeline employees will do what needs to be done to protect lives and property.

- They will first protect people from injury by removing all persons from the danger zone. If a fire doesn't already exist, they will remove any sources of ignition.
- They will help people in distress.
- They will eliminate the natural gas source. If it is possible to do so from the location of the emergency, they will. In many cases, the natural gas must be shut off at a remote location. It's important for you to know that our employees are responsible for operation of the valves that isolate the affected facilities.



IF YOU ARE AN EXCAVATOR OR PLAN TO DIG

People doing excavating, digging, or grading are the most frequent cause of pipeline damage and failures. Whether you are planning a major project or landscaping your property, you should protect your safety and the safety of those around your work site by notifying **Diggers Hotline** before you begin.

When notified in advance by Diggers Hotline, Lyons Gas Utilities personnel will mark the exact location of the pipeline with yellow paint and flags. This free service allows you to begin your project with the assurance that your safety will not be compromised and our pipeline will not be damaged.

WHAT IF I DIG AND DISTURB A PIPELINE?

If you hit or contact a pipeline in any way, inform Lyons Utilities immediately. A gouge, scrape, scratch, dent, or crease to a pipe or its coating may cause a future safety problem. It is imperative that Lyons Gas Utilities inspects and repairs any damage to our pipeline, no matter how minor it may seem.

WHAT SAFETY PROCEDURES SHOULD YOU

TAKE? When it comes to safety of you or anyone else near a pipeline, it is important to know the procedures you should take when someone has damaged a pipeline or when you suspect a gas leak.

If you or anyone else accidentally damage or suspect a gas leak on Lyons Gas Utilities pipelines, follow the procedures below:

1. Leave the area immediately and warn others to stay away.
2. If you suspect your excavation equipment has struck a pipeline, do not attempt to move the equipment. Shut the equipment off and leave the area.
3. Once away from the pipeline, call our 24-hour Emergency number at 402-374-2900. The emergency number is staffed by personnel trained in emergency situations, who are available 7 days a week, 24-hours a day. They are trained to respond and direct any emergency calls to the proper authorities, gather the most accurate information regarding an incident and dispatch the proper company personnel to the location of the emergency as quickly as possible.



CALL BEFORE YOU DIG

Before you begin any excavation project, call **Diggers Hotline**. This service is available to you, free of charge, so that you can proceed safely with any digging, trenching, blasting, excavating, drilling, plowing, boring, auguring, and grading. Never guess where a pipeline is located.

If you ever damage or hit a Lyons Utility gas pipeline, no matter how minor the contact may seem, call Lyons Utilities at 402-374-2900 immediately so we can assess the damage.

Before Excavating, Please call **811, Diggers Hotline** Direct Number 1-800-331-5666 or go to their web site. at www.ne-diggers.com



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

Frequently Asked Questions

Do I have to call Diggers Hotline?

Yes! Calling the Nebraska State One Call is required by state law (Nebraska Statute 76-2321) designed to protect your underground facilities and the public.

If I'm a sub-contractor on a job, do I have to get a ticket or will the general contractor's ticket protect me?

There is no such thing as a blanket ticket. If you are a sub-contractor and you are excavating, protect yourself and your company by calling to get a ticket. The general contractor's ticket does **not** apply to anyone except them.



CARBON MONOXIDE (CO)

Is a by-product of incomplete combustion.
Is a colorless, odorless and tasteless gas.
Is toxic and can result in sickness and death.

Signs and symptoms of CO Poisoning

Headache
Tiredness
Dizziness
Nausea
Confusion
Unconsciousness

If you or someone you come in contact with is experiencing any of these signs and symptoms and you suspect (CO) poisoning get out of the house or building and into fresh air. **If symptoms persist or are serious seek medical help as soon as possible.**

The City of Lyons has equipment to check for levels of Carbon Monoxide (CO), so if you suspect that you may have a Carbon Monoxide (CO) leak call the City for Assistance.

For more Information:
www.pipeline101.com
www.npms.rspa.dot.gov
www.commongroundalliance.com
www.digsafely.com

City of Lyons

Notification of Customer Owned Gas Lines

1. The City of Lyons does not maintain the Customers buried piping.
2. If the customer's buried pipeline is not maintained there is a potential for corrosion and leakage.
3. Buried gas piping should be
 - a. Periodically inspected for leaks.
 - b. Inspected for corrosion if metallic.
 - c. Repaired if any leaks are detected.
4. When digging near a buried pipeline. the pipeline should be located in advance, and should be hand dug.
5. The customer can have a plumber or the City help locate any yard lines (customer lines).