How To Identify Our Pipelines

Pipelines are generally odorless; however, out of sight, to identify Boardwalk's pipelines, markers like these are used to show their approximate locations.

Wiltful removal or damage of markers is a federal offense, and each offense is subject to a fine, or imprisonment, or both.

Here are some important facts about our markers and pipeline right of way:

• The purpose of a pipeline marker is to identify a pipeline right of way and to provide information about Boardwalk's pipelines including: phone numbers, in case of a leak, and the nearest regional office.

• Markers indicate the general, not exact, location of a pipeline.

• Do not dig or go near the markers since any damage to the markers could cause a safety problem over time.

• Never rely solely on the presence or absence of pipeline markers – someone may have more, removed or changed the markers.

• To ensure the pipeline right of way is properly maintained, do not plant trees, dig, or install underground objects near markers.

• Never take any action that could cause a safety problem over time.

• State laws require all damages to be reported to the facility owner.

• If you dig and come into contact with a pipeline, stop immediately and, from a safe area, contact Boardwalk Louisiana Midstream at 1-225-387-0871 or 1-866-574-4483 or Boardwalk Petrochemical Pipeline at 1-844-337-8234, if you suspect the leak is on one of our pipelines. Boardwalk's telephone number can also be located on our pipeline marker posts or pipeline signs. Give your name, the location, and a description of the leak. Give your name, the location, and a description of the leak.

How To Recognize A Pipeline Leak

Our pipelines are monitored 24-hours a day, 7 days a week by our Control Centers. In addition, periodic pipeline patrols and leak detection surveys are conducted by our field personnel. In the event of a leak or an emergency involving our pipelines, our field personnel also coordinate their efforts with public safety officials.

Here are some important facts about our markers and pipeline right of way:

• Sound: Volume can range from a quiet hissing to a loud roar depending on the size of the leak and the pipeline system.

• Sight: Liquid pools, discolored or abnormally dry soil, vegetation browning in wet or flooded areas, an oily sheen on water surfaces, and transparent fog or blowing dirt around a pipeline area are all indications of a leak. Boardwalk's staff may also be able to detect a leak if they suspect the leak is on one of our pipelines. Boardwalk's staff may also be able to detect a leak if they suspect the leak is on one of our pipelines.

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

How To Report A Pipeline Leak

If you find the situation involves imminent danger, from a safe location, call 1-225-387-0871 or your local public safety official and/or emergency responders. You should also report the leak to Boardwalk Louisiana Midstream at 1-225-387-0871 or 1-866-574-4483 or Boardwalk Petrochemical Pipeline at 1-844-337-8234, if you suspect the leak is on one of our pipelines. Boardwalk's telephone number can also be located on our pipeline marker posts or pipeline signs. Give your name, the location, and a description of the leak.

What To Do If You Notice Or Suspect A Pipeline Leak

• Turn off any equipment and eliminate any ignition sources without risking injury.

• Leave the area immediately. Do not try to do anything but evacuate or to save any other bystanders to the area. Attempt to stop any.

• Notify all your local emergency response number and Boardwalk.

• Do not drive or walk in the area near the pipeline or in a continuous line of pipelines such as an electrical outlet, vehicle ignition, light a match. Do not start motor vehicles or motorcycles.

• Do not drive a vehicle or walk near the leak. Keep your hands and feet away from the leak.

• DO NOT drive into direct contact with any escaping liquids or gas.

• DO NOT drive into a leak or topsoil cloud while leaving the area.

• DO NOT attempt to open any pipeline valves yourself. You may inadvertently produce more to the leak or cause a secondary accident.

• DO NOT attempt to extinguish a petroleum product or natural gas fire. Wait for local fire fighters and other professionals trained to deal with such emergencies.

What Boardwalk Would Do In Case Of An Emergency

First, we take steps necessary to protect life and property by controlling the flow of product and to contain the leak. In addition, we will immediately assemble and deploy a team of experts to the location to address the emergency.

Examination is any operation for the purpose of removing or renewal of earth, rock, or other materials by the use of powered, mechanical or manual means, including digging, augering, boring, back filling, dredging, planning-in, trenching, downhilling, and grading.

Excavation is any operation for the purpose of removing or renewal of earth, rock, or other materials by the use of powered, mechanical or manual means, including digging, augering, boring, back filling, dredging, planning-in, trenching, downhilling, and grading.
Pipeline Integrity Management Program

Boardwalk has developed and implemented a pipeline Integrity Management Program (IMP) to ensure a safe and secure pipeline in your neighborhood. Through this program, Boardwalk performs inspection activities, makes improvements and institutes other preventive safety measures, including identifying any construction activities near our pipeline facilities. Contact your local Boardwalk office if you have information about new buildings or sites such as daycare facilities, churches, parks, schools, outdoor areas, or facilities that could be considered as Identified Sites near Boardwalk’s pipeline. Boardwalk will verify these sites for inclusion into its IMP plan.

Police, Fire, and Public Safety Officials

Consider the following as a guide to assist police, fire and public safety officials in safeguarding the public in the event of a pipeline emergency:

• If a Boardwalk pipeline or facility is involved, report the event and the location of the incident to us.
• Be aware of wind direction and potential ignition sources.
• Do not attempt to operate pipeline valves. You may inadvertently route additional product to the leak.
• Boardwalk will operate any valves needed to control flow to the area.

For a tour of our local facility, please contact a local Boardwalk office.

PRODUCTS TRANSPORTED IN YOUR AREA

PRODUCT: LEAK TYPE: VAPORES
HIGHLY VOLATILE LIQUIDS [SUCH AS: BUTANE, PROPANE, ETHANE, ETHYLENE, 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.

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.

PRODUCTOS TRANSPORTADOS EN SU AREA
PRODUCTO: TIPO DE FUGA: VAPORES
LÍQUIDOS ALTAMENTE VOLÁTILES [TALES COMO: BUTANO, PROPANO, ETANO, ETILENO, PROPILENO Y LÍQUIDOS DE GAS NATURAL (LGN)]

Gas
Inicialmente es más pesado que el aire, se esparce en el suelo y puede viajar hasta la fuente de incendio y causar un retroceso de llamas. El producto no tiene color, sabor ni olor.

PELIGROS PARA LA SALUD
Son muy fáciles de incendiarse con el calor, chispas o llamas y forman una mezcla explosiva con el aire. Los vapores pueden causar mareos o asfixia sin dar ningún aviso y pueden ser tóxicos si se inhalan en concentraciones grandes. El contacto con gas o con gas líquido puede causar quemaduras, heridas graves y/o congelamiento. El fuego puede producir irritación y/o gases tóxicos.

GAS NATURAL
Los vapores de los gases licuados son inicialmente más pesados que el aire y se propagan cerca del suelo. Los vapores pueden llegar hasta las fuentes de encendido y ocasionar que el fuego retroceda.

PELIGROS PARA LA SALUD
Son muy fáciles de incendiarse con el calor, chispas o llamas y forman una mezcla explosiva con el aire. Los vapores pueden causar mareos o asfixia sin dar ningún aviso y pueden ser tóxicos si se inhalan en concentraciones grandes. El contacto con gas o con gas líquido puede causar quemaduras, heridas graves y/o congelamiento.