Important pipeline safety information for our neighbors and your community

Emergency Phone Number
1-877-267-2290
According to the National Transportation Safety Board, pipelines are the safest way to carry energy products. That's why they can be found in our neighborhoods, parks, and even in our backyards. But, despite an exemplary safety record, the rare pipeline emergency can occur and it's important to be prepared.

Pipelines are monitored regularly by air, on foot, and with sophisticated 24-hour electronic monitoring and inspection systems, but natural elements - such as erosion and flooding - can change a pipeline's depth of cover. Almost all pipeline incidents are preventable. In fact, most serious pipeline problems are the result of improper or unauthorized digging near a pipeline. If a potential problem is suspected, it is important for action to be taken quickly.

You are receiving this important pipeline safety information because you live, work or own property near a pipeline or facility owned or operated by Phillips 66 Pipeline LLC and it's important for you to know your role when it comes to pipeline safety.

This includes preventing damage to pipelines by calling 811 before digging, maintaining a clear right-of-way, understanding how to recognize an emergency, what to do in the event of an emergency and how to share these important safety messages with others.

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IN CASE OF EMERGENCY

WARNING SIGNS
Your sense of sight, smell and sound may help recognize the signs of a pipeline emergency.

SEE:
Peaks of liquid, a continuous bubbling in standing water, an oily sheen on water surfaces, vaporous fog or blowing dirt around the area can all be signs of a leak. Dead grass or vegetation are also possible signs.

SMELL:
Many petroleum products have a distinct odor, such as sulfur (rotten eggs), or a strong petroleum-like odor. That said, do not depend on odor alone to determine a leak. Your sense of smell may become impaired (a condition known as odor fatigue).

HEAR:
Hissing, gurgling or roaring sounds, ranging in volume from quiet to loud, could be indications of a pipeline problem.

IF YOU SUSPECT A LEAK, DO:
• Leave the area immediately and walk into the wind and away from the site.
• Warn all non-emergency personnel to stay away.
• Avoid contact with any fluids or vapors escaping from the pipeline.
• From a safe area, call 911 to report the leak.
• Call the pipeline operator using the number provided on a nearby pipeline marker, if you can do so safely.

IF YOU SUSPECT A LEAK, DO NOT:
• Do not operate any machinery.
• Never attempt to operate pipeline valves or extinguish a pipeline fire. This could potentially prolong an incident, cause another leak in the pipeline, and risk your life and the lives of others.
• Do not create a spark. Potential ignition sources include, but are not limited to: smoking materials, open flames, cell phones, pagers, flashlights, vehicle keyless entry remotes, and motorized vehicles or equipment.

IF A PIPELINE HAS BEEN PULLED, JARRED, SNAGGED, NICKED, DENTED, SCRAPED, OR TOUCHED IN ANY WAY, DIAL 911 TO REPORT THE DAMAGE, NO MATTER HOW MINOR.
Then call the Phillips 66 Pipeline LLC emergency number at 1-877-267-2290.

LEARN MORE AT PHILLIPS66PIPELINE.COM | EMERGENCY PHONE NUMBER 1-877-267-2290
Keep in mind that pipeline markers and online mapping tools are for reference purposes only and have differing variances of accuracy. That’s why they are not a replacement for calling 811 before a digging project. Dialing 811 is the only way to have the exact location of a pipeline marked.

**KNOW YOUR MARKERS**

Pipeline markers, which are placed at regular intervals near a pipeline route, are a great way to learn the general location of a pipeline. Markers are placed along a pipeline right-of-way, which is a dedicated clearing of land that provides a safety buffer above and around a pipeline. Pipeline markers are commonly found at road, railway and water crossings, fence lines, and at aboveground facilities along the pipeline system. They identify the type of product carried in the line, the operating company and the operator’s emergency phone number.

While pipeline markers are good indicators that there is a pipeline nearby, they only indicate the general location of a line and never its depth and will not indicate the curvature or angle of the pipe underground. These signs simply act as a reminder that pipelines are nearby; they are not a replacement for calling 811 before you begin digging.

**PHILLIPS 66 PIPELINE LLC ONLINE MAPPING TOOL**

Our online mapping tool provides an easy-to-use, live-updated view of our Phillips 66 Pipeline LLC active pipelines and storage terminals. Simply type in your address to view any of our pipelines and aboveground storage facilities near you.

Visit [www.phillips66pipeline.com/maps](http://www.phillips66pipeline.com/maps) to learn more.

**NATIONAL PIPELINE MAPPING SYSTEM**

The National Pipeline Mapping System (NPMS) enables the user to view the approximate location of hazardous liquid and gas transmission pipelines, breakout storage tanks and pipeline operator contact information near any searched address. This free online application is managed by the U.S. Department of Transportation.


**PIPELINE MARKERS**

Identify the product carried in the line, the name of the pipeline operator and the operator’s 24-hour emergency phone number.
PROTECT YOURSELF AND YOUR PROPERTY

CALL 811 OR THE STATE ONE-CALL CENTER

The process is fast, easy and FREE! In most states, calling 811 or the One-Call Center is not merely suggested, it’s the law! Simply dial 8-1-1 with the following details about your digging project:

- The type of work that you will be doing, the type of equipment that you will be using and the depth to which you plan to dig
- The date and time that your project will begin
- The address where your digging project will occur; the road on which your dig site is located and the nearest intersection
- Driving directions or GPS coordinates, if available

Dialing 811 will give you the most accurate underground utility location information possible and is the best - and only - way to proceed before a digging project.

WAIT – FOR THE PIPELINE OR UNDERGROUND UTILITIES TO BE MARKED

Phillips 66 Pipeline LLC will be notified of your request if our pipelines are near your digging project and a representative will be dispatched to your digging location to mark the pipeline location with paint and/or flags at no cost to you.

EXCAVATE – BEGIN YOUR DIGGING PROJECT SAFELY

Dig carefully around the marks. Utilize hand tools where possible and follow all safe excavation requirements from your state’s One-Call Law and utilize best practices. In some cases, a Phillips 66 Pipeline LLC representative may request to be on-site while you are digging to ensure the integrity of the pipeline.

Visit www.call811.com or www.call811.com/plananexcavation to learn more.

CALL 811 BEFORE YOU DIG

Call 811 (commonly referred to as Call Before You Dig or One-Call) is a free, nationwide service that alerts underground utility operators, like Phillips 66 Pipeline LLC, to mark the location of their pipelines or underground utilities before you begin digging. Always call 8-1-1 or your state One-Call Center a minimum of three working days before you plan to dig twelve inches or deeper for any reason.

COMMUNITY DEVELOPMENT AND LAND USE

While land development is inevitable, proper planning and development oversight by your local public officials can help ensure the safety and well-being of the general public, protection of the environment, an increase in pipeline awareness, the protection of Phillips 66 Pipeline LLC’s established easement rights and enhance communication between property owners, developers and pipeline operators.


PROPOSED EXCAVATION

SURVEY MARKINGS

ELECTRICAL

GAS, PETROLEUM, OIL, STEAM

COMMUNICATIONS

PO TABLE WAT ER

RECLAIMED WAT ER

SEWERS & DRAINS

MANY STATES NOW OFFER ONLINE 811 REQUEST OPTIONS. VISIT WWW.CLICKBEFOREYOUDIG.COM FOR MORE INFORMATION.

LEARN MORE AT PHILLIPS66PIPELINE.COM | EMERGENCY PHONE NUMBER 1-877-267-2290
Energy products transported by pipeline are classified as hazardous materials. Though we interact with energy products in our daily lives, they are potentially dangerous if improperly managed, transported or released.

Serious pipeline incidents are rare, but it is best to understand the hazards, which vary by product and pipeline type and by proximity to the pipeline. The Phillips 66 Pipeline LLC pipelines and terminals transport and store refined products, crude oil, highly volatile liquids (HVLs), natural gas, and hydrogen. To familiarize yourself with the hazards associated with these products, please refer to the following chart.

### UNDERSTANDING THE HAZARDS

**REFINED PRODUCTS**
- **(Gasoline, Diesel Fuel, Jet Fuel, and heating fuels)**
  - Refined products vary widely in color. Many products have dye added to indicate the grade, quality or brand.
  - Vapors are heavier than air and tend to settle near the ground and collect in low or confined areas.
  - Inhalation or contact may irritate or burn skin and eyes. Vapors may cause dizziness and can displace oxygen in breathing air. High concentrations of refined products may lead to asphyxiation.

**CRUDE OIL**
- Color can vary from yellow to nearly black. Sour crude contains hydrogen sulfide (H2S), and under certain conditions can be recognized by its rotten egg odor.
  - Vapors are heavier than air and tend to settle near the ground and collect in low or confined areas.
  - Inhalation or contact may irritate or burn skin and eyes. Vapors may cause dizziness and can displace oxygen in breathing air. High concentrations of refined products may lead to asphyxiation.

**HIGHLY VOLATILE LIQUIDS (HVLs)**
- Colorless. Transported as a liquid under pressure in the pipeline, becomes a gas and forms a vapor cloud when released into the atmosphere and can vary in size depending on wind and humidity conditions.
  - Vapors are heavier than air and tend to settle to the ground, especially in low-lying areas. Vapors may travel to source of ignition.
  - Contact with product may cause severe burns and/or frostbite. Some HVLs contain hydrogen sulfide (H2S). Light concentrations of H2S may cause throat and eye irritation as well as breathing difficulty. Heavier concentrations of H2S may cause dizziness similar to intoxication and may lead to serious breathing difficulty or asphyxiation.

**NATURAL GAS**
- Colorless gas
  - Vapors are initially heavier than air, spread along the ground and can migrate into enclosed spaces.
  - Vapors may travel to a source of ignition where they can ignite, flash back or explode.
  - May cause dizziness or fatigue. High exposure can cause loss of consciousness.

**HYDROGEN**
- Colorless gas with no odor
  - Lighter than air and can migrate into enclosed spaces. Vapors may travel to a source of ignition where they can ignite, flash back or explode.
  - Vapors may cause dizziness or asphyxiation without warning.

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**Information obtained from 2016 DOT Emergency Response Guidebook (ERG). The ERG can be downloaded to computer or as a mobile app at http://www.phmsa.dot.gov/hazmat/outreach-training/erg. Visit www.phillips66pipeline.com/safety/homeowners-businesses for more information.**
Pipelines are crucial to meeting our nation’s growing economic and energy needs. Because of their importance, and in order to maintain the safety of the public, storage terminals and pipelines operate under numerous government regulations and industry standards to ensure safe and reliable operation. These requirements address all aspects of pipeline and terminal operation, including where and how they are built, operated, tested, maintained, decommissioned and much more.

Phillips 66 Pipeline LLC takes our commitment to safety seriously. We strive to go beyond the many industry guidelines and government regulations under which we operate to ensure that everyone who lives or works near our pipelines and facilities is not only aware of them but adopts safe digging practices, knows the warning signs of a pipeline leak, and can quickly respond if they suspect a problem.

Phillips 66 Pipeline LLC is committed to the safety of our communities, which is why we employ a wide variety of safety and inspection processes to ensure that we meet or exceed governmental requirements and industry best practices.

Phillips 66 Pipeline LLC maintains a comprehensive Integrity Management Program that is designed to ensure the mechanical integrity, safety and reliability of our pipelines which includes:

• Use of sophisticated technology to monitor our pipelines and facilities 24 hours a day, 365 days a year
• Routine inspection of surface conditions via aerial patrol or on foot
• Use of cathodic protection, chemical inhibitors and special pipeline coatings to mitigate pipeline corrosion
• Pipeline inspection using sophisticated, in-line inspection devices (commonly referred to as smart tools or PIGs)
• Proactive clearing of trees and brush from pipeline right-of-ways to allow for effective monitoring of the pipeline
• Emergency preparedness training and communication with local emergency officials as well as education for our communities regarding pipeline safety and damage prevention
• Technical, operational and safety training for our employees

For more information regarding our Integrity Management, Safety and Damage Prevention Programs visit www.phillips66pipeline.com.
ADDITIONAL INFORMATION AND RESOURCES

The resources on the right have important information about pipelines, Call Before You Dig requirements, and interactive activities to learn more about pipeline safety.

811 - CALL BEFORE YOU DIG
www.calldig.com
Website for 811, the National Call Before You Dig phone number. It includes excavation requirements of your state’s One-Call Law, downloadable resources and best practices for safe digging.

PIPPINES 101
www.pipeline101.com
A resource to better understand the pipeline industry including the purpose and technologies utilized within the industry, safety aspects, and history of pipelines.

SAFE AT HOME
www.safeathomewithleo.com
A free online resource for kids and families to learn about gas and pipeline safety through interactive games, etc.

NATIONAL PIPELINE MAPPING SYSTEM (NPMS)
www.npms.phmsa.dot.gov
A mapping system that contains public contact information, information and attribute data pertaining to interstate and intrastate transmission hazardous liquid and gas transmission pipelines, Liquefied Natural Gas (LNG) plants, and hazardous liquid breakout tanks jurisdical to U.S. DOT Pipeline and Hazardous Materials Safety Administration (PHMSA).

PHILLIPS 66 PIPELINE LLC
HOMEOWNERS & BUSINESSES PAGE
www.phillips66pipeline.com/safety/homeowners-businesses
Provides helpful pipeline safety information, prevention measures, One-Call requirements, preventing encroachment, integrity management, etc. Also, the Resources section provides downloadable materials and pipeline safety activities for kids, etc.

ENERGY FOR EDUCATION
www.energyforeducation.com/
A hands-on, activity-based curriculum containing materials about gas & hazardous material liquids safety ideas that encourages student participation & family participation at home. Also, a complimentary program to help school administrators plan for a pipeline emergency and educate faculty about pipeline safety.
ENCONTRAR
Llame al 811 antes de comenzar cualquier proyecto de excavación para que le marquen gratuitamente las líneas en su terreno. Preste atención a los marcadores de tuberías y visite www.npms.phmsa.dot.gov para encontrar la ubicación de las tuberías cerca de usted.

ACTUAR
Si usted nota charcos de líquido inusuales, una nube blanca o neblina, un burbujeo continuo en agua estancada, vegetación descolorida, sonidos u olores extraños cerca de la línea, deje el área inmediatamente, avise a los demás que se mantengan alejados y llame al 911.

PROTEGER
Ayude a defender las tuberías. Respete las restricciones estipuladas en el derecho de vía, informe sobre actividades sospechosas cerca de las líneas y comparta esta información con sus familias, amistades y vecinos.

INFORMACIÓN EN ESPAÑOL
Usted debe guardar esta información de seguridad

Las tuberías son una red invisible e inaudible que transportan productos de energía. Se extienden por nuestros países, barrios, estados y nuestro país. Aunque las tuberías son reconocidas por el National Transportation Safety Board como la forma más segura para transportar productos como petróleo crudo, productos refinados y líquidos peligrosos, accidentes ocurren de vez en cuando.

Excavaciones inadecuadas o no autorizadas cerca de tuberías es la causa más común de los problemas graves con las tuberías. Es un daño accidental una línea en su propiedad e incurra una multa. Contacte su oficina local “One-Call” llamando a 811 tres días antes de excavar.

ENCONTRAR
Excavaciones inadecuadas o no autorizadas cerca de una tubería son la causa más común de los problemas graves con las tuberías. Evite dañar accidentalmente una línea en su propiedad e incurra una multa. Contacte su oficina local “One-Call” llamando a 811 tres días antes de excavar. Es la ley. One-Call es un servicio gratuito nacional que alerta a los operadores de servicios públicos subterráneos como Phillips 66 Pipeline LLC para que le marquen la ubicación de sus líneas.

Preste atención a los marcadores de tuberías colocados por los operadores de las líneas a intervalos regulares para identificar la ubicación general de la línea. Estos marcadores/laterales están situados en los cruces de carreteras y ferrocarriles, instalaciones sobre tierra y de tubería. Los marcadores varían en tamaño, forma y color, pero incluyen el tipo de producto transportado, el nombre del operador y el número de contacto de emergencia. Obtenga información adicional acerca de las líneas de transmisión en su comunidad en el National Pipeline Mapping System (NPMS), www.npms.phmsa.gov.
ACTUAR
Las indicaciones de un problema de tubería incluyen: un olor acre como el petróleo o los huevos podridos, líquido de pie, un burbujeo continuo de agua estancada, vegetación muerta, una nube blanca o neblina, o un silbido o rugido. Algunos de los productos energéticos son inódores y no pueden ser detectados a través del olfato solo, así que es importante estar alerta a los inusuales olores y sonidos en el área de un oleoducto.

Si usted sospecha un problema, salga de la zona y advierta a los demás a mantenerse alejados. Nunca intente operar las válvulas u otros equipos. Llame al 911 y luego al de Phillips 66 Pipeline LLC teléfono de emergencias en el 1-877-267-2290.

Si causa una hendidura, raspadura o daño en una tubería durante la excavación, llame al número del operador de emergencia de inmediato para que la línea pueda ser inspeccionada y reparar cualquier daño que pueda conducir a un problema en el futuro ser reparado.

PROTEGER
Usted puede ayudar a proteger a su familia, los empleados, la propiedad y el medio ambiente, manteniendo el área del oleoducto, llamado el derecho de paso libre de estructuras, jardines u otras obstrucciones llamadas “encroachments” para que Phillips 66 Pipeline LLC pueda tener acceso para realizar mantenimiento preventivo o en caso de emergencia.

IF YOU SUSPECT A PROBLEM AT OUR TERMINAL, OR SEE SUSPICIOUS OR UNSAFE ACTIVITY NEAR ONE OF OUR PIPELINES, DIAL 911 TO REPORT THEN CALL THE PHILLIPS 66 PIPELINE LLC EMERGENCY LINE AT 1-877-267-2290.

Contact Us
PHILLIPS 66 PIPELINE LLC
2331 CITYWEST BLVD.
HOUSTON, TX 77042
PHILLIPS66PIPELINE.COM

Non-Emergency Phone Number
1-800-231-2566

Emergency Phone Number
1-877-267-2290

VISIT THE PHILLIPS 66 PIPELINE LLC WEBSITE AT PHILLIPS66PIPELINE.COM.
CLICK ON THE PIPELINE SAFETY LINK TO DOWNLOAD A DIGITAL COPY OF THIS BROCHURE.