**SAFETY SUMMIT**

- Nationwide it is estimated that 1 in every 20 schools is within half a mile of a NG or Petroleum transmission pipeline or facility
- The NTSB says that pipelines are the safest and most reliable method for transporting energy products across the U.S.

### PHMSA Pennsylvania Pipeline Incidents 1997-2016

<table>
<thead>
<tr>
<th>Calendar Year</th>
<th>Number</th>
<th>Fatalities</th>
<th>Injuries</th>
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<td><strong>Grand Total</strong></td>
<td><strong>299</strong></td>
<td><strong>20</strong></td>
<td><strong>72</strong></td>
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</table>
• Pipelines carrying oil and petroleum products safely carry their product to the destination point 99.99% of the time

• In 2015 71% of incidents that did occur were contained within an operator’s facility

• A highly volatile liquid, as defined in pipeline safety regulations, is a hazardous liquid that will form a vapor cloud when released to the atmosphere and has a vapor pressure exceeding 276kPa (40 psia) at 37.8°C (100°F).

• Natural gas liquids are associated hydrocarbons found in natural gas, including ethane, propane, butane, iso-butane, and natural gasoline. Before natural gas can be transported it must be processed and purified. NGLs are valuable by-products of natural gas processing. They are extracted or isolated, processed and sold separately. NGLs have a variety of different uses, including enhancing oil recovery in oil wells, providing raw materials for oil refineries or petrochemical plants, and as sources of energy.
Regulated by PUC and PHMSA

Pipeline companies have control centers which monitor their operations for any potential problems 24-hours per day, 365 days per year.

Additionally, operators routinely inspect their pipelines by using a variety of methods including:

- In-person examinations
- Internal inspection devices
- Aerial patrols
- Cathodic protection, which helps protect pipelines from corrosion, is also used.
Numerous pipelines run across the area
Operated by 10 different companies
Mariner East 1 and 2 are operated by Sunoco Logistics
ME1 in operation and carries similar products as ME2 will
Pipeline markers will tell you:

- The words “Warning”, “Caution”, or “Danger”
- Name of pipeline operator
- Telephone number for operator
- Product transported
- Pipeline’s general location

Pipeline markers will not tell you:

- The precise location of the pipeline
- Pipeline’s depth
- Pipeline’s size
- Number of pipelines in a ROW
Recognizing Emergencies Near a Pipeline Right-of-Way:
Remember that pipelines carry both gases and hazardous liquids. Along a right-of-way, you may see dead or discolored vegetation, pooled liquid; or a cloud of vapor or mist. You may smell an unusual odor, or the scent of petroleum or odorized natural gas. And you may hear an unusual hissing or roaring sound.
DO NOT!

• Touch, breathe or make contact with leaking liquids;
• Start an engine of any kind
• Strike matches or create heat, sparks or a flame of any kind
• Use a telephone or cell phone until in a safe area (these can ignite airborne gases)
• Turn on or off any electrical switches (these also can ignite airborne gases)
• Drive into a leak or vapor cloud area
• Move downwind or downhill

DO!

• Make sure gas appliances are turned all the way OFF
• Get to a safe area and possibly leave the area
• Move upwind and uphill
• Telephone 911 from a safe location well away from the gas leak
• Explain the situation
• Warn others -- if it is safe to do so -- against entering the leak area and/or creating ignition sparks.
If you have been called in to evacuate a school due to a potential pipeline emergency:

• First, ensure that it is safe to bring a vehicle into the area by communicating with the first responders and pipeline operators involved. A bus can be an ignition source, like any other vehicle, for flammable vapors that may be in the atmosphere.

• Take a route that is in the opposite direction of the pipeline, upwind if possible, and avoid roads that parallel or intersect with the pipeline. Sometimes there can be more than one leak on a pipeline.

• Arrive at a destination that is a safe distance from the impact zone of the pipeline release. Once at a safe location, call for medical assistance if needed.
READYCHESCO.ORG:
https://member.everbridge.net/index/453003085612335#/signup

Allows you to sign up for notification via phone, text, and/or email in a variety of events and conditions including emergencies, severe weather, road closures, community news, etc. Customizable to receive notifications about what you want.

SMART911:
https://www.smart911.com/smart911/registration/registrationLanding.action

Allows you to create a safety profile for you and your household. List multiple people and their medical needs, home/work addresses, phone numbers, emergency contacts, preferred providers, vehicles, and animals. Customizable to share as much or as little as you want.

RAVE Facility:
Component of SMART911 that allows us to create a facility profile with details for first responders such as floor plans, access points and codes, AED locations, and other pertinent details.