

#### Kevin Wallace Line Rider

6565 NW St. Helens Rd. Portland, OR 97210 kevin\_wallace@kindermorgan.com Office: 503-224-3390 Fax: 503-224-1448 Cell: 503-209-4572

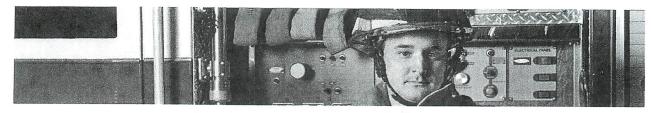


**Jeff Hibner** Area Manager

5880 NW Saint Helens Road Portland, OR 97210 Office: 503-220-1263 Cell: 206-445-8152 j\_hibner@kindermorgan.com

### KINDER MORGAN

- Home About Us
- Investors Corporate Responsibility
- News Room
- Working at KM Contact Us



#### Public Awareness

Residents & Businesses

Farmers & Ranchers

Government & Safety Officials

Excavators & Contractors

Additional Information

Kinder Morgan in Canada

#### Pipelines In Your Community

Are you prepared to respond to a pipeline leak or rupture?

Ensure the safety of your community by familiarizing yourself with the location of pipelines and by knowing how to identify, respond to and prevent a pipeline leak or rupture.

Kinder Morgan has a solid safety record and is prepared to respond to and manage any disruptions that may occur. However, a pipeline incident can be dangerous and requires caution and immediate action.

In emergency situations, Kinder Morgan's priorities are the same as yours—protect life, property and the environment.

In addition to 24-hour monitoring and ongoing safety and security procedures, Kinder Morgan relies on local government and safety officials to notify Kinder Morgan when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety.

Kinder Morgan actively promotes the use of the "Pipeline Emergencies Training Program" developed by the National Association of State Fire Marshals (NASFM) and the Pipeline & Hazardous Materials Safety Administration (PHMSA). Order a free copy or take their online training.

- Recognizing A Pipeline Leak
- Incident Response Tactics
- Potential Hazards During A Pipeline Incident
- Locating Pipelines
- Protecting Pipelines & Right-of-Way
- Submit HCA Information

Learn More:

- Pipeline Safety Fact Sheet
- Responder E-newsletter
- Pipeline Maps
- Pipeline Markers
- Call 811 Before You Dig
  - State/Province Specific Information
- Emergency Contact Numbers

Contact Us | Legal Disclaimer | Site Map

Copyright @ 2013 Kinder Morgan. All rights reserved.

Quintin Frazier Manager of IC-Compliance/Code WONL 770-751-4240 Cell 678-296-41672 quintin-frazier@ kindermorgan: com

### KINDER MORGAN

- Home
   About Us
   Investors
   Corporate Responsibility
   News Room
   Working at KM
   Contact Us

#### Public Awareness

Residents & Businesses

Farmers & Ranchers

Schools

Government & Safety Officials

Excavators & Contractors

Additional Information

▶ Emergency Contact Numbers
- Links to Government & Industry Information

Information
Request To Have Lines Marked
Report Damage or Suspicious
Activity
Report Right-of-Way
Encroachment
Request Pipeline Maps
Kinder Morgan Safety Brochures
Hazards of Products Transported
Products Transported and States
of Operation
Training Meetings & Resources
Request Additional Information

Kinder Morgan in Canada

#### **Emergency Contact Numbers**

When calling a non-toll free number, call collect.

In the United States

#### Natural Gas

Bear Creek Storage Company	800-252-5960
Cheyenne Plains Gas Pipeline Company	877-712-2288
Colorado Interstate Gas	877-712-2288
Copano Field Services/Copano Bay	855-737-9555
Copano Field Services/North Texas	855-737-9555
Copano Pipelines/South Texas	855-737-9555
Copano Pipelines/Upper Gulf Coast	855-737-9555
El Paso Natural Gas Company LLC	800-334-8047
KinderHawk Field Services LLC	866-775-5784
KM Altamont LLC	800-568-7512
KM Louisiana Pipeline LLC	800-733-2490
KM North Texas Pipeline	800-633-0184
KM Tejas Pipeline LLC	800-568-7512
KM Texas Pipeline LLC	800-633-0184
Midcontinent Express Pipeline LLC	800-733-2490
Mojave Pipeline	800-334-8047
Natural Gas Pipeline Company of America LLC	800-733-2490
Ruby Pipeline LLC	877-712-2288
Scissortail Energy LLC (Copano Energy)	855-737-9555
Southern Dome LLC	855-737-9555
Southern Natural Gas Company	800-252-5960
Tennessee Gas Pipeline Company	800-231-2800
TransColorado Gas Transmission Company LLC	800-944-4817
Wyoming Interstate Company	877-712-2288
	Cheyenne Plains Gas Pipeline Company Colorado Interstate Gas Copano Field Services/Copano Bay Copano Field Services/North Texas Copano Pipelines/South Texas Copano Pipelines/Upper Guil Coast El Paso Natural Gas Company LLC Kinderl-lawk Field Services LLC KM Altamont LLC KM North Texas Pipeline LLC KM Tejas Pipeline LLC KM Tejas Pipeline LLC KM Texas Pipeline LLC Midcontinent Express Pipeline LLC Midcontinent Express Pipeline LLC Ruby Pipeline Natural Gas Pipeline Company of America LLC Ruby Pipeline LLC Scissortail Energy LLC (Copano Energy) Southern Dome LLC Southern Natural Gas Company Tennessee Gas Pipeline Company TransColorado Gas Transmission Company LLC

CalNev Pipe Line LLC	714-560-4411
Camino Real Gathering Company LLC	855-465-7080
Central Florida Pipeline Company	800-537-8832
Colorado Interstate Gas	877-712-2288
Copano NGL Services (Markham) LLC	855-737-9555
Copano NGL Services LLC	855-737-9555
Cypress Interstate Pipeline LLC	800-265-6000
Kinder Morgan Cochin LLC	800-265-6000
Kinder Morgan Southeast Terminals LLC	800-510-5678
Plantation Pipe Line Company	800-510-5678
SFPP, LP	714-560-4411
West Coast Terminal Pipeline	714-560-4411

#### CO2

Kinder Morgan CO2 Company, LP 877-390-8640

Double Eagle Pipeline LLC 800 265-6000 Kinder Morgan Crude and Condensate LLC 800-265-6000 Kinder Morgan Wink Pipeline, LLC 866-784-6494 Trans Mountain Pipeline (Puget Sound) LLC

#### **Liquid Terminals**

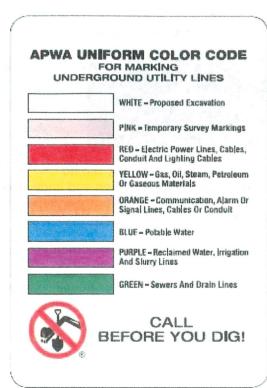
Kinder Morgan Liquids Terminals LLC Argo, Illinois 866-499-2746 Carteret, New Jersey 732-541-5161 Galena Park, Texas 713-455-1231 Pasadena, Texas 713-475-9235 Perth Amboy, New Jersey 732-826-1144 St. Gabriel, Louisiana 877-217-5243

#### In Canada

Trans Mountain and Puget Sound 888-876-6711 Cochin (Canada) 800-265-6000

Contact Us | Legal Disclaimer | Site Map

Copyright @ 2013 Kinder Morgan. All rights reserved.



Since Kinder Morgan operates pipelines that carry Liquid Petroleum, Natural gas, CO2, and other hazardous material, we may have several pipelines in the area that must be marked by different employees, so be sure to check your one call ticket and ensure that each facility owner listed responds with markings or a confirmation that there is no conflict with your proposed work.

You may also contact your local One Call facility by calling 811 with any questions you may have but always call before you dig.



Kinder Morgan is committed to your safety as well as the safety of the public, the environment, and the pipelines we operate.

In order to accomplish this we must develop a partnership built on communication and trust. When you call 811 and request a One Call ticket, we will evaluate the location of our pipelines and provide clear markings of the location of any assets we have in the area or communicate to you that your excavation is not in conflict with the location of our pipelines. If necessary, we will even meet you on site to discuss any concerns you have about operating your equipment safely around our pipelines. We feel very strongly that your goals and ours are closely aligned and want nothing more than you to accomplish your work quickly and safely.

#### **LOCAL CONTACT INFORMATION:**

Line Rider Cell Phone: 503-209-4572

24 Hour Control Room in Portland OR: 503-224-3390

24 Hour Control Room in Orange CA: 714-560-4411



# It took years to build a Farm or Ranch...



# It takes ONE CALL to keep it safe!

Important information about working, digging, cultivating, and other Farm or Ranch activity that happens near Pipelines.

For more information, please visit

WWW.KINDERMORGAN.COM/PUBLIC AWARENESS

### PIPELINES NEAR YOUR FARM OR RANCH



### Do you always call One-Call before initiating any type of deep excavation or related activity?

Farm and ranch equipment is a common source of pipeline damage and can cause loss of life and property. Deep excavation activity including plowing, tilling, terracing, subsoiling or installing a fence can endanger underground pipelines. Farmers and ranchers can protect their family, employees and property by verifying the location of pipelines before excavating and by knowing how to identify, respond to and prevent a leak or rupture.

# To identify the exact location of a pipeline before digging, call 811 to reach your local One-Call Center.

Pipeline markers are located along the pipeline route, at road and railroad crossings and at all aboveground facilities.

Markers identify the general area but not the exact location or depth of the pipeline. They specify the type of product we transport, the operator's name and an emergency contact number.

Never guess where a pipeline is located or how deep it is below the surface of the ground. Even if you know the general location of the pipeline, the ground above may have changed, exposing the pipeline to damage during excavation activities.

Farm and ranch equipment is a common cause of pipeline leaks and ruptures and can cause loss of life and property.



Common Pipeline Markers

### Some examples of farm activities that can endanger pipelines include:

Chisel plowing, deep ripping, sub-soiling, creek maintenance, cleaning out drainage ditches, building waterways, tree and stump removal, setting posts, terrace projects, and drain tile installation.

Always call your local One-Call center at 811 and request to have pipelines and underground utilities marked at least two or three working days before you plow, till, terrace, subsoil, install a fence or initiate any deep excavation activity. Refer to your state-specific One-Call laws for more information. One-Call is a free service and may or may not require a pipeline representative to visit you at your farm or ranch. If a visit is required, a Kinder Morgan Representative will contact you.

Although rare, pipeline leaks can be dangerous and require caution and immediate action to protect people, property and the environment.

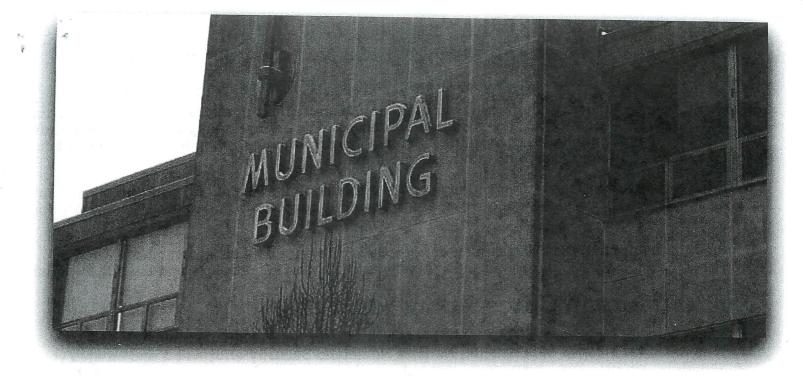
#### Signs of a potential pipeline leak include:

- Dead vegetation, liquid on the ground near the pipeline, dirt being blown into the air, fire or a dense white cloud or fog
- · Hissing or roaring sound
- Strong petroleum scent or other pungent odor such as sulfur (rotten eggs)

#### If you suspect a leak or a leak occurs:

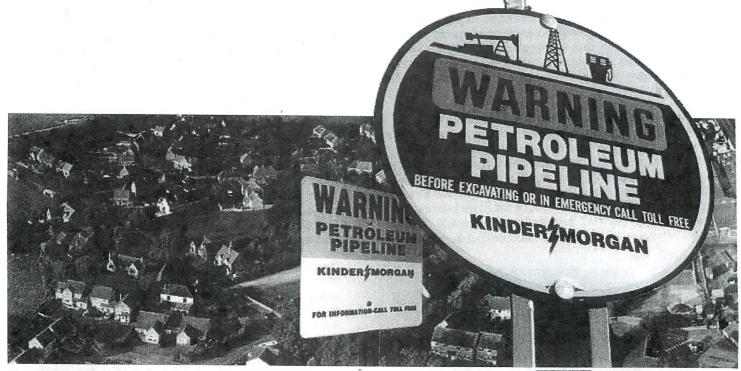
- Leave the area immediately in an upwind direction and warn others to stay away
- If near a school, evacuate students and staff from the area immediately as outlined in your emergency response plan
- Do not light a match, start an engine, use a cell phone or turn on/off any electrical appliances
- Once you are a safe distance away from the potential leak use a telephone or cell phone to call 911 and Kinder Morgan
- Do not drive into an area where you suspect a leak, and do not touch or operate pipeline valves

If you accidentally damage or hit the Kinder Morgan pipeline or damage a pipeline marker, contact us immediately. All dents, scrapes or other damage need to be assessed and repaired to prevent a future leak or serious accident.



# Pipeline Safety Information

Critical Information for Public Officials



FOR MORE INFORMATION PLEASE VISIT
WWW.KINDERMORGAN.COM/PUBLIC\_AWARENESS



# Kinder Morgan Hazardous Liquids & CO2 Pipelines In Your Community

Every day, more than two million miles of pipelines crisscross the United States safely transporting energy products. Pipelines are the backbone of our nation's energy transportation infrastructure. According to the National Transportation Safety Board, pipelines are the safest mode of fuel transportation, both for the public and the environment.

Kinder Morgan is one of the largest pipeline operators in the United States and operates in numerous states. We have a strong safety record and are prepared to respond to and manage any disruptions that may occur.

Although rare, pipeline incidents can be dangerous and require caution and immediate action. In emergency situations, Kinder Morgan's priority is to protect life, property and the environment.

### Kinder Morgan Cares About Your Safety

We want you to be aware of our pipelines and ask for your help in preventing damage to pipelines. Kinder Morgan supports the Nation's Homeland Security efforts and encourages you to immediately report any suspicious persons and/or activities near the pipeline to your local law enforcement authorities by calling 911.

# Pipeline Safety Procedures & 24/7 Monitoring

Kinder Morgan monitors its pipeline system 24-hours a day from its state-of-the-art System Control Center. We ensure public safety and safe pipeline operations through employee training, regular testing, aerial and right-of-way foot patrols and adherence to our comprehensive Integrity Management plan and procedures.

Using remote monitoring technology within the pipeline system, we can quickly detect changes in pressure or volume and can shutdown and reroute sections of the pipeline. In addition, our aboveground facilities, such as pumping stations and storage tanks, may be equipped with emergency shutdown features and fire suppression technology.

These measures demonstrate Kinder Morgan's commitment to safe pipeline operation and our dedication to the communities where we live and work. Kinder Morgan communicates and shares information with the appropriate Emergency Officials in your community. If you wish to obtain additional information about our Emergency Preparedness Communications, or for more information about Kinder Morgan and our efforts to ensure safe pipeline operations, visit www.kindermorgan.com/public\_awareness.



### Working Together To Protect Pipelines & Right-of-Ways

In addition to 24-hour monitoring and on-going safety and security procedures, Kinder Morgan relies on public and government officials to alert the company about upcoming changes to roadways, bridges, zoning and other capital projects. Advanced notice allows Kinder Morgan to work together with community planning committees and land use personnel to address impact to the pipeline or right-of-way.

Kinder Morgan requests that you, public and government officials, notify us when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety. We support your enforcement of "Call Before You Dig" requirements in states where they apply.

Excavation activity is the most common cause of serious pipeline damage. In most states, residents, excavators and farmers are required by law to call 811 or their local One-Call center at least two or three working days before starting an excavation project to have underground utilities marked. Best practices encourage highway maintenance personnel and municipalities to call 811 before excavating.

Unauthorized building or planting in the pipeline rightof-way is known as encroachment. Kinder Morgan regularly conducts maintenance to trim trees and remove shrubs or structures that prohibit the company from clearly viewing the pipeline corridor during aerial or foot patrols and regular maintenance activities.

Please contact us if you know of places where trees, plants or structures are located on the pipeline right-of-way or if you see individuals digging in areas where underground utilities are not marked.

# Lócating Pipelines In Your Community

Pipeline markers are located along the rightof-way, at road intersections, waterways, railroad crossings and all above ground facilities. Markers identify the area, but not the exact location or depth of the pipeline. Markers specify the type of product transported, the operator's name and emergency contact number.

The federal government also provides maps that show the approximate location of transmission pipelines in your community through the **National Pipeline Mapping System** at www.npms.phmsa.dot.gov. Government and safety officials can access additional information and download electronic files to import into emergency preparedness GIS mapping systems.

# Land Use Planning and Transmission Pipelines

Construction activity near transmission pipelines increases the risk of excavation damage. The risk of being affected by a transmission pipeline incident depends on the distance from the pipeline.

Over the past 70 years, a nationwide pipeline system has been constructed to transport natural gas, CO2 and petroleum products. Subsequent growth of communities has converted many of these areas to housing developments, shopping centers and business parks.

The proximity of people to pipelines poses significant safety challenges that are of concern to all stakeholders, including property developers, planning organizations, Local, State, and Federal officials, first responders and the public.

Care must be taken to protect people and the environment from the impacts of pipeline incidents and to prevent damage to transmission pipelines that can result from right-of-way encroachment and careless excavation.

For more information regarding land use planning near pipelines, please visit: http://primis.phmsa.dot.gov/comm/pipa/landuseplanning.htm.

### Leak Recognition & Response

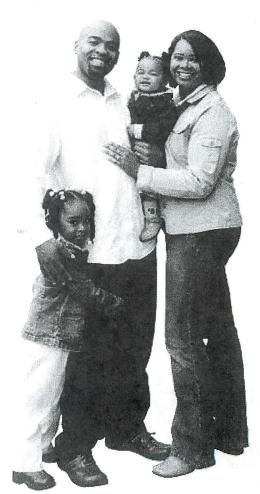
Although rare, pipeline incidents can be dangerous and require caution and immediate action.

#### Know the signs of a leak:

- Dead vegetation, liquid on the ground near the pipeline, dirt being blown into the air, fire or a dense white cloud or fog
- · Hissing or roaring sound
- Strong petroleum-like odor or a mild fragrant odor

#### If a leak occurs:

- Leave the area immediately in an upwind direction and warn others to stay away.
- Do not light a match, start an engine, use a telephone or cell phone or turn on/off any electrical appliances, and avoid potential ignition sources which may cause an explosion or fire.
- Once you are a safe distance away from the potential leak, call 911 to engage local emergency response officials and Kinder Morgan.
- Do not drive into an area where you suspect a leak or vapor cloud, and do not touch or operate pipeline valves.
- Avoid making contact with escaping liquids or vapors as potential hazards may include eye, skin and respiratory irritation and the product may be highly flammable.



### Kinder Morgan (KM) Emergency Contact Numbers Números de emergencia de Kinder Morgan:

#### Products

#### Pacific

714-560-4411

- > CalNev Pipe Line Company
- > SFPP. LP
- > West Coast Terminals LLC

Mid-Continent 800-265-6000

- > Cypress Interstate Pipeline
- > KM Cochin

Southeast

800-537-8832

Central Florida Pipeline Company

800-510-5678

- > KM Southeast Terminals
- > Parkway Pipeline
- > Plantation Pipe Line Company

Texas Intrastate 855-737-9555

- > Copano NGL Services (Markham) LLC
- > Copano NGL Services LP

855-465-7080

> Camino Real Gathering Company

Wyoming 877-712-2288

> Colorado Interstate Gas

#### CO<sub>2</sub>

Colorado, New Mexico, and Texas 877-390-8640 > KM CO2 Company

#### Crude

Texas

800-265-6000

- > KM Crude and Condensate
- > Double Eagle Pipeline

866-784-6494

> KM Wink Pipeline

Washington State 888-876-6711

> Trans Mountain Pipeline (Puget Sound)

#### Liquid Terminals

> KM Liquids Terminals LLC

Argo, Illinois 866-499-2746

Carteret, New Jersey 732-541-5161

Galena Park, Texas 713-455-1231

Pasadena, Texas 713-475-9235

Perth Amboy, New Jersey 732-826-1144

St. Gabriel, Louisiana 877-217-5243

Corporate Headquarters NON-EMERGENCY INQUIRIES ONLY 713-420-5111



Kinder Morgan's Public Awareness Program; developed under the guidance of federal public awareness, damage prevention and integrity management regulation; is a single administered program for all applicable business units or entities. The Program is administered by Kinder Morgan's DOT Technical Working Group. For more information regarding Kinder Morgan's Public Awareness Program visit www.kindermorgan.com/public\_awareness.



1001 Louisiana St Houston, TX 77002

## Kinder Morgan Hazardous Liquids & CO2 Pipelines In Your Community

Every day, more than two million miles of pipelines crisscross the United States safely transporting energy products. Pipelines are the backbone of our nation's energy transportation infrastructure. According to the National Transportation Safety Board, pipelines are the safest mode of fuel transportation, both for the public and the environment.

Kinder Morgan is one of the largest pipeline operators in the United States and operates in numerous states. We have a strong safety record and are prepared to respond to and manage any disruptions that may occur.

Although rare, pipeline incidents can be dangerous and require caution and immediate action. In emergency situations, Kinder Morgan's priority is to protect life, property and the environment.

### Kinder Morgan Cares About Your Safety

We want you to be aware of our pipelines and ask for your help in preventing damage to pipelines. Kinder Morgan supports the Nation's Homeland Security efforts and encourages you to immediately report any suspicious persons and/or activities near the pipeline to your local law enforcement authorities by calling 911.

PRSRT. STD.
U.S. POSTAGE
PAID
HOUSTON, TEXAS
PERMIT 4885

KINDER#MORGAN
500 Dallas St.

Suite 1000 Houston, TX 77002

When calling a non-toll free number, call collect.

Products

CallNev

Biguids

CallNev

Pipe Line

Company

Central Florida

Possible Company

Cochin LLC

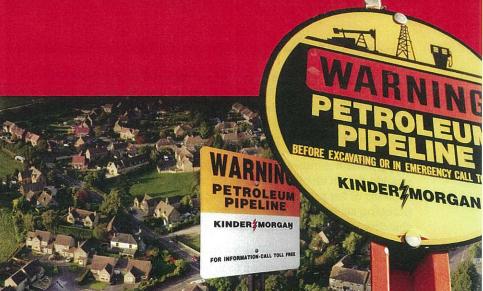
S00-265-6000

Cypress Pipeline)

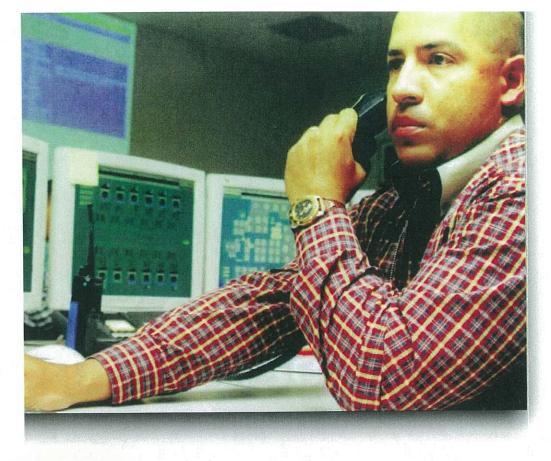
Sinder Morgan

Kinder Morgan's Public Awareness Program, developed under the guidan of federal public awareness, damage prevention and integrity manageme regulation, is a single administered program for all applicable business us or entities. The Program is administered by Kinder Morgan's DOT Technic Working Group. For more information regarding Kinder Morgan's Public Awareness Program visit www.kindermorgan.com/public\_awareness.

Pipeline Safety
Information
Critical Information for Public Officials



KINDER MORE
FOR MORE INFORMATION PLEASE VISIT
WWW.KINDERMORGAN.COM/PUBLIC AWARENES



### **Pipeline Safety Procedures & 24/7 Monitoring**

Kinder Morgan monitors its pipeline system 24-hours a day from its state-of-the-art System Control Center. We ensure public safety and safe pipeline operations through employee training, regular testing, aerial and right-of-way foot patrols and adherence to our comprehensive Integrity Management plan and procedures.

Using remote monitoring technology within the pipeline system, we can quickly detect changes in pressure or volume and can shutdown and reroute sections of the pipeline. In addition, our above ground facilities, such as pumping stations and storage tanks, may be equipped with emergency shutdown features and fire suppression technology.

These measures demonstrate Kinder Morgan's commitment to safe pipeline operation and our dedication to the communities where we live and work. Kinder Morgan communicates and shares information with the appropriate Emergency Officials in your community. If you wish to obtain additional information about our Emergency Preparedness Communications, or for more information about Kinder Morgan and our efforts to ensure safe pipeline operations, visit www.kindermorgan.com/public\_awareness.

# Working Together To Protect Pipelines & Right-of-Ways

In addition to 24-hour monitoring and on-going safety and security procedures, Kinder Morgan relies on public and government officials to alert the company about upcoming changes to roadways, bridges, zoning and other capital projects. Advanced notice allows Kinder Morgan to work together with community planning committees and land use personnel to address impact to the pipeline or right-of-way.

Kinder Morgan requests that you, public and government officials, notify us when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety. We support your enforcement of "Call Before You Dig" requirements in states where they apply.

Excavation activity is the most common cause of serious pipeline damage. In most states, residents, excavators and farmers are required by law to call 811 or their local One-Call center at least two or three working days before starting an excavation project to have underground utilities marked. Best practices encourage highway maintenance personnel and municipalities to call 811 before excavating.

Unauthorized building or planting in the pipeline rightof-way is known as encroachment. Kinder Morgan regularly conducts maintenance to trim trees and remove shrubs or structures that prohibit the company from clearly viewing the pipeline corridor during aerial or foot patrols and regular maintenance activities.

Please contact us if you know of places where trees, plants or structures are located on the pipeline right-of-way or if you see individuals digging in areas where underground utilities are not marked.

### **Locating Pipelines In Your Community**

**Pipeline markers** are located along the right-of-way, at road intersections, waterways, railroad crossings and all above ground facilities. They identify the general area but not the exact location of the pipe. Markers specify the type of product transported, the operator's name and emergency contact number.

The federal government also provides maps that show the approximate location of transmission pipelines in your community through the **National Pipeline**Mapping System at www.npms.phmsa.dot.gov. Government and safety officials can access additional information and download electronic files to import into emergency preparedness GIS mapping systems.



## Land Use Planning and Transmission Pipelines

Construction activity near transmission pipelines increases the riof excavation damage. The risk of being affected by a transmission pipeline incident depends on the distance from the pipeline.

Over the past 70 years, a nationwide pipeline system has been constructed to transport natural gas, CO2 and petroleum products. Subsequent growth of communities has converted many of these are to housing developments, shopping centers and business parks.

The proximity of people to pipelines poses significant safety challenges that are of concern to all stakeholders, including propert developers, planning organizations, Local, State, and Federal officials first responders and the public.

Care must be taken to protect people and the environment from the impacts of pipeline incidents and to prevent damage to transmissior pipelines that can result from right-of-way encroachment and carele excavation.

For more information regarding land use planning near pipelines, ple visit: http://primis.phmsa.dot.gov/comm/pipa/landuseplanning.htm

#### Leak Recognition & Response

Although rare, pipeline incidents can be dangerous and require caution and immediate action.

#### Know the signs of a leak:

- Dead vegetation, liquid on the ground near the pipeline, dirt being blown into the air, fire or a dense white cloud or fog
- Hissing or roaring sound
- · Strong petroleum like odor or a mild fragrant odor

#### If a leak occurs:

- Leave the area immediately in an upwind direction and warn others to stay away.
- Do not light a match, start an engine, use a telephone or cell phone or turn on/off any electrical appliances, and avoid potential ignition sources which may cause an explosion or fire
- Once you are a safe distance away from the potential leak, call 911 to engage local emergency response officials and Kinder Morgan.
- Do not drive into an area where you suspect a leak or vapor cloud, and do not touch or operate pipeline valves.
- Avoid making contact with escaping liquids or vapors as potential hazards may include eye, skin and respiratory irritation and the product may be highly flammable.

#### **Basic Pipeline Information**

Kinder Morgan's pipelines are typically underground, but they are located aboveground in select climates and at compressor stations, pumping stations, valve sites and terminals.

Kinder Morgan operates pipelines in your community. Pipeline's are the backbone of our nation's energy transportation infrastructure. According to the National Transportation Safety Board, pipelines are the safest mode of fuel transportation, both for the public and the environment.

Pipelines are constructed in a corridor of land called the **pipeline right-of-way** that includes the land over and around the pipeline, typically 25 feet on each side. Right-of-way agreements limit how the corridor is used to protect the pipeline and allow operators to monitor and inspect the pipeline.

Kinder Morgan monitors its pipeline system 24-hours a day from its state-of-the-art System Control Center. We ensure public safety and safe pipeline operations through employee training, regular testing, aerial and right-of-way foot patrols and adherence to our comprehensive Integrity Management plan and procedures.

There are three primary types of pipelines: gathering, transmission and distribution. **Gathering pipelines** transport natural gas, CO2 and petroleum products from the wellhead and production areas to processing facilities. **Transmission pipelines**, like those operated by Kinder Morgan, transport natural gas, CO2 and hazardous liquids to marketing and distribution terminals. Transmission pipelines are typically large, high-pressure pipelines.

**Distribution systems** for natural gas and hazardous liquids differ. Liquids products are stored and transported to their final destination by tanker trucks. Natural Gas is transported from storage locations to residential and business customers by smaller, low-pressure pipelines.

### Locating Pipelines in Your Community

Pipeline markers are located along the right-of-way, at coad intersections, waterways, railroad crossings and all aboveground facilities. These signs identify the general area but not the exact location of the pipeline. They specify he type of product transported, the operator's name and emergency contact number.

The federal government provides access to maps of ransmission pipelines in your community through the **National Pipeline Mapping System** at www.npms. phmsa.dot.gov. Government and safety officials can access additional information and download electronic files to mport into emergency preparedness GIS mapping systems.



Examples of Kinder Morgan pipeline markers.

Please ensure that the following phone numbers are included in your emergency contact system

When calling a non-toll free number, call collect.

#### Natural Cas

KinderHawk Field Services LLC 866-775-5784

KM Interstate Gas Transmission 888-763-3690

KM Louisiana Pipeline 800-733-2490

KM North Texas Pipeline 800-633-0184

KM Tejas Pipeline 800-568-7512

KM Texas Pipeline 800-633-0184

Midcontinent Express Pipeline 800-733-2490

Natural Gas Pipeline Company of America 800-733-2490

Rockies Express Pipeline LLC 877-436-2253

Trailblazer Pipeline Company 800-733-2490

TransColorado Gas Transmission 800-944-4817

#### **Products**

CalNev Pipe Line Company 714-560-4411

Central Florida Pipeline Company 800-510-5678

Kinder Morgan Cochin LLC 800-265-6000

Kinder Morgan Energy Partners, LP (Cypress Pipeline) 800-265-6000 Plantation Pipe Line Company 800-510-5678

SFPP, LP 714-560-4411

Southeast Terminals LLC 800-510-5678

West Coast Terminals LLC 714-560-4411

#### **602**

Kinder Morgan CO2 Company, LP 877-390-8640

#### Crude

Kinder Morgan Pipelines (USA) Inc. 888-449-7539

Kinder Morgan Wink Pipeline, LP 866-784-6494

Trans Mountain Pipeline (Puget Sound) LLC 888-876-6711

#### Liquid Terminals

Kinder Morgan Liquids Terminals LLC

Argo, Illinois 866-499-2746

Carteret, New Jersey 732-541-5161

Galena Park, Texas 713-455-1231

Pasadena, Texas 713-475-9235

Perth Amboy, New Jersey 732-826-1144

St. Gabriel, Louisiana 877-217-5243

#### Corporate Headquarters

NON-EMERGENCY INQUIRIES ONLY 500 Dallas St., Suite 1000 Houston, TX 77002 713-369-9000

Kinder Morgan's Public Awareness Program; developed under the guidance of federal public awareness, damage prevention and integrity management regulation; is a single administered program for all applicable business units or entitles. The Program is administered by Kinder Morgan's DOT Technical Working Group. For more information regarding Kinder Morgan's Public Awareness Program visit www.kindermorgan.com/public awareness.



# PIPELINE SAFE'TY INFORMATION

for Emergency Response Officials

FOR MORE INFORMATION PLEASE VISIT
WWW.KINDERMORGAN.COM/PUBLIC AWARENESS

Keep with emergency response training and reference materials.

### Kinder Morgan Cares About Your Safety

We want you to be aware of our pipelines and ask for your help in preventing damage to pipelines. Kinder Morgan supports the Nation's Homeland Security efforts and encourages you to immediately report any suspicious persons and/or activities near the pipeline to your local law enforcement authorities by calling 911.

## Working Together To Protect Pipelines & Right-of-Ways

In addition to 24-hour monitoring and on-going safety and security procedures, Kinder Morgan relies on you, the local emergency responder, to notify Kinder Morgan when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety. We support your enforcement of "Call Before You Dig" requirements in states where they apply.

Excavation activity is the most common cause of serious pipeline damage. In most states, residents, excavators and farmers are required by law to call 811 or their local One-Call center at least two or three working days before starting an excavation project to have underground utilities marked. Refer to your state-specific One-Call laws for more information.

Unauthorized use, such as building or planting, in the pipeline right-of-way is known as encroachment. Kinder Morgan regularly conducts maintenance to trim trees and remove shrubs or structures that prohibit the company from clearly viewing the pipeline corridor during aerial or loot patrols and regular maintenance activities.

Please contact us if you know of places where trees, plants or structures are located on the pipeline right-of-way or if you see individuals digging in areas where underground utilities are not marked with flags.

### Signs of a Pipeline Leak or Rupture

The following are indications of a possible pipeline leak:

- Brown or discolored vegetation amid healthy plants
- · Dirt being blown into the air
- Colorful sheens on water surfaces
- Fire at or below ground level
- Stains or pools of hydrocarbons not usually present in the right-of-way
- · Bubbles coming from bodies of water
- · A loud roar or hissing sound
- Distinctive pertroleum type odors, the smell of mercaptan, sulfur (rotten eggs), or a mild fragrant odor
- · A dense white cloud or fog

On occasion, a pressure-relieving device may activate at a natural gas or CO2 aboveground pipeline facility. These levices are acting as designed to relieve pressure on the system to prevent over pressurization. Under no circumstances should a pressure relieving device be capped or valved off.

#### **Pipeline Incident Response Tactics**

The list below summarizes emergency response tactics to implement when you respond to a pipeline incident.

#### 1. Assess the situation

- Approach with caution from upwind location.
- Isolate and secure the area.
- □ Employ ICS.
- Identify hazards.
- Identify and contact the pipeline operator using the emergency number listed on the pipeline marker.

#### 2. Protect people, property & the environment

- Establish isolation zones and set up barriers.
- Q Rescue and evacuate people (if needed).
- Eliminate ignition sources.
- Stage apparatus and equipment based on atmospheric monitoring and weather conditions.
- If liquid products are involved, use appropriate defensive Hazardous Waste Operations & Emergency Response (HAZWOPER) procedures such as installing dikes and dams, if trained and equipped.
- Control fires, vapor and leaks. Do not extinguish burning fires. Protect exposures and coordinate isolation operations with pipeline personnel.
- Do not operate (open or close) valves or other pipeline equipment.
- Employ containment techniques if personnel are trained, equipped and it is safe to do so.
- Designate a safe location for bystanders and the media.

#### 3. Call for assistance as needed

Contact your local emergency response organization and/or national resources if needed.

Refer to PHMSA's Emergency Response Guidebook at www.phmsa.dot.gov/hazmat/library/erg for additional information.

#### Additional Information:

National Pipeline Mapping System www.npms.phmsa.dot.gov

NASFM's "Pipeline Emergencies" www.pipelineemergencies.com

PHMSA Emergency Response Guidebook www.phmsa.dot.gov/hazmat/library/erg

Kinder Morgan Public Awareness

#### Potential Hazards Associated With Pipeline Leaks

The following chart outlines potential hazards associated with the release of specific products that may be transported by Kinder Morgan:

transported by kinder	Morgan:			
Product	Description	Fire Hazard	Health Hazard	Response (Extinguishing Method)
Benzene – Typical	Colorless liquid, characteristic odor	Extremely flammable. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if swallowed, inhaled or absorbed through skin.	Dry chemical or foam. Cover liquid spills with foam.
Butane – Typical (Butane, Normal Butane, Isobutane Mix)	Colorless liquid, characteristic odor	Flammable gas. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, carbon dioxide (CO2)
GO2 – Typical	Colorless, odorless gas	Nonflammable gas	Avoid direct contact with liquid product. Can cause frostbite. Vapors are nontoxic but can serve as an asphyxiant.	Isolate the area and monitor oxygen levels,
Crude – Heavy	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam
Crude - Sour	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam
Cxude – Sweet	Amber to black liquid with a mild hydrocarbon odor – like rotten eggs if mercaptan is present.	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam
Denatured Ethanol-Typical	Colorless, water white liquid, with a mild fragrant odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Alcohol resistant foam, dry chemical or carbon dioxide
Ethane - Typical	Colorless, odorless gas	Flammable gas. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, carbon dioxide (CO2)
Ethane/Propane Mix – Typical (E/P Mix)	Colorless, odorless gas	Flammable gas. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam or carbon dioxide (CO2)
Gasoline - Typical (Unleaded Gasoline)	Clear (may be dyed) liquid with a gasoline odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam, carbon dioxide (CO2) or water fog
High Sulfur Diesel - Typical (petroleum hydrocarbons)	Clear (may be dyed) liquid with a hydrocarbon odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if swallowed, inhaled or absorbed through skin	Dry chemical, foam, carbon dioxide (CO2) or water fog. Water may be ineffective but should be used to keep fire exposed containers cool.
Kerosene – Typical	Clear (may be dyed) liquid with a petroleum or solvent odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam or carbon dioxide (CO2). For larger fires, use water spray or fog.
Low Sulfur and Ultra Low Sulfur Diesel – Typical	Clear yellow liquid with a petroleum odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam, carbon dioxide (CO2) or water fog
Natural Gas Compressed Gas – Typical (Flammable)	Residue gas, sales gas	Flammable gas. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical or carbon dioxide (CO2)
Natural Gas Condensate – Typical	Colorless liquid with a hydrocarbon odor — like rotten eggs if mercaptan is present	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical, foam or carbon dioxide (CO2)
Propane – Typical (HD-5, Liquefied Propane Gas, LP-Gas, LPG)	Coloriess, odorless liquefied gas	Flammable gas. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if inhaled or absorbed through skin	Dry chemical or carbon dioxide (CO2)
Transmix - Typical (T-034; T-035; OHSDU545)	Pink to bronze liquid with a gasoline odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if swallowed, inhaled or absorbed through skin	Dry chemical, foam, carbon dioxide (CO2) or water fog
Turbine Fuel – Typical	Clear watery-white liquid with a faint hydrocarbon odor	Flammable liquid. Keep away from heat, sparks, open flames and other ignition sources.	Harmful or fatal if swallowed, inhaled or absorbed through skin	Dry chemical, foam, carbon dioxide (CO2), water fog or vaporizing liquid type extinguishing agents
			-4 D-4- CL4- (MCDC)	

For specific information about each product, download the Material Safety Data Sheets (MSDS) from Kinder Morgan's Web site at www.kindermorgan.com/public\_awareness/AdditionalInformation/msds

## Kinder Morgan Hazardous Liquids & CO2 Pipelines In Your Community

Every day, more than two million miles of pipelines crisscross the United States safely transporting energy products. Pipelines are the backbone of our nation's energy transportation infrastructure. According to the National Pransportation Safety Board, pipelines are the safest mode of fuel transportation, both for the public and the environment.

Kinder Morgan is one of the largest pipeline operators n the United States and operates in numerous states. We have a strong safety record and are prepared to respond to and manage any disruptions that may occur.

Although rare, pipeline incidents can be dangerous and require caution and immediate action. In emergency situations, Kinder Morgan's priority is o protect life, property and the environment.

## Kinder Morgan Cares About Your Safety

We want you to be aware of our pipelines and ask for your help n preventing damage to pipelines. Kinder Morgan supports the Nation's Homeland Security efforts and encourages you to mmediately report any suspicious persons and/or activities near the pipeline to your local law enforcement authorities by ailing 911.

KINDER#MORGAN

MUNICIPAL
BUILDING Pipeline Safety Information Critical Information for Public Officials

SELVER WAYNER SOLD BUILD WOOD HAVE SELVER BUILD WAYNAY WAY

KINDER MOR



#### Pipeline Safety Procedures & 24/7 Monitoring

Kinder Morgan monitors its pipeline system 24-hours a day from its state-of-the-art System Control Center. We ensure public safety and safe pipeline operations through employee training, regular testing, aerial and right-of-way foot patrols and adherence to our comprehensive Integrity Management plan and procedures.

Using remote monitoring technology within the pipeline system, we can quickly detect changes in pressure or volume and can shutdown and reroute sections of the pipeline. In addition, our above ground facilities, such as pumping stations and storage tanks, may be equipped with emergency shutdown features and fire suppression technology.

These measures demonstrate Kinder Morgan's commitment to safe pipeline operation and our dedication to the communities where we live and work. Kinder Morgan communicates and shares information with the appropriate Emergency Officials in your community. If you wish to obtain additional information about our Emergency Preparedness Communications, or for more information about Kinder Morgan and our efforts to ensure safe pipeline operations, visit www.kindermorgan.com/public\_awareness.

# Working Together To Protect Pipelines & Right-of-Ways

In addition to 24-hour monitoring and on-going safety and security procedures, Kinder Morgan relies on public and government officials to alert the company about upcoming changes to roadways, bridges, zoning and other capital projects. Advanced notice allows Kinder Morgan to work together with community planning committees and land use personnel to address impact to the pipeline or right-of-way.

Kinder Morgan requests that you, public and government officials, notify us when you observe potential right-of-way restriction violations or potential damage to our facilities, which could endanger public safety.

We support your enforcement of "Call Before You Dig" requirements in states where they apply.

Excavation activity is the most common cause of serious pipeline damage. In most states, residents, excavators and farmers are required by law to call 811 or their local One-Call center at least two or three working days before starting an excavation project to have underground utilities marked. Best practices encourage highway maintenance personnel and municipalities to call 811 before excavating.

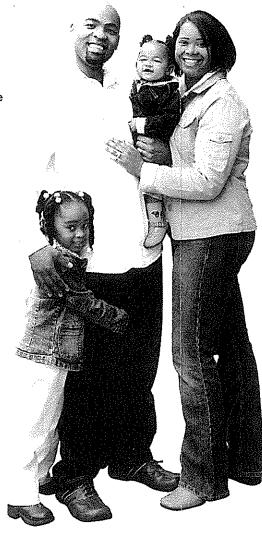
Unauthorized building or planting in the pipeline rightof-way is known as encroachment. Kinder Morgan regularly conducts maintenance to trim trees and remove shrubs or structures that prohibit the company from clearly viewing the pipeline corridor during aerial or foot patrols and regular maintenance activities.

Please contact us if you know of places where trees, plants or structures are located on the pipeline right-of-way or if you see individuals digging in areas where underground utilities are not marked.

#### **Locating Pipelines In Your Community**

**Pipeline markers** are located along the right-of-way, at road intersections, waterways, railroad crossings and all above ground facilities. They identify the general area but not the exact location of the pipe. Markers specify the type of product transported, the operator's name and emergency contact number.

The federal government also provides maps that show the approximate location of transmission pipelines in your community through the **National Pipeline Mapping System** at www.npms.phmsa.dot.gov. Government and safety officials can access additional information and download electronic files to import into emergency preparedness GIS mapping systems.



# Land Use Planning and Transmission Pipelines

Construction activity near transmission pipelines increases the : of excavation damage. The risk of being affected by a transmission pipeline incident depends on the distance from the pipeline.

Over the past 70 years, a nationwide pipeline system has been constructed to transport natural gas, CO2 and petroleum products. Subsequent growth of communities has converted many of these at to housing developments, shopping centers and business parks.

The proximity of people to pipelines poses significant safety challenges that are of concern to all stakeholders, including proped developers, planning organizations, Local, State, and Federal official first responders and the public.

Care must be taken to protect people and the environment from the impacts of pipeline incidents and to prevent damage to transmissic pipelines that can result from right-of-way encroachment and carel excavation.

For more information regarding land use planning near pipelines, p visit: http://primis.phmsa.dot.gov/comm/pipa/landuseplanning.ht

#### Leak Recognition & Response

Although rare, pipeline incidents can be dangerous and require caution and immediate action.

#### Know the signs of a leak:

- Dead vegetation, liquid on the ground near the pipeline, dir being blown into the air, fire or a dense white cloud or fog
- Hissing or roaring sound
- Strong petroleum like odor or a mild fragrant odor

#### If a leak occurs:

- Leave the area immediately in an upwind direction and war others to stay away.
- Do not light a match, start an engine, use a telephone or cell
  phone or turn on/off any electrical appliances, and avoid
  potential ignition sources which may cause an explosion or
- Once you are a safe distance away from the potential leak, call 911 to engage local emergency response officials and Kinder Morgan.
- Do not drive into an area where you suspect a leak or vapor cloud, an do not touch or operate pipeline valves.
- Avoid making contact with escaping liquids or vapors as potential hazards may include eye, skin and respiratory irritation and the prod may be highly flammable.

Account types: How many accounts we have or each type and the usage by account type for the month

Types 2013	# 1/1-1/31	# 2/1-2/28	# 3/1-3/31	# 4/1-4/30	# 5/1-5/31	# 6/1-6/30	# 7/1-7/31	# 8/1-8/31	# 9/1-9/30	#
Church	92	133	78	100	12 301	12 457	12 638	12 927	12 337	12
Commercial	10,260	9,298	9,213	12,297	345 22,494	345 22,832	347 35,146	345 39,721	346 17,962	346
Industrial	10,836	8,994	12,764	12,835	102 21,645	102 21,258	103 25,708	104 27,846	104 15,174	103
Multifamily	20,530	20,389	17,949	19,128	465 32,159	467 27,120	469 37,687	471 35,447	472 22,482	469
Only Irrig	135	139	257	2,434	92 10,529	99 13,605	100 23,848	101 21,979	100 10,065	97
Public	7,017	5,399	4,862	5,029	66 8,291	66 9,744	66 12,366	66 17,279	66 10,376	66
Residential	20,882	18,703	17,174	20,692	3,947 32,516	5,042 32,586	3,996 57,016	4,003 46,142	4,018 32,984	4,005
Totals	69,752	63,055	62,297	72,515	5,029 127,935	6,133 127,602	5,093 192,409	5,102 189,341	5,118 109,380	5,098

if we look at the detail of the report it list all meters....we could then break it down to how much is water vs irrigation for each type and the number of meters in each category instead of Account numbers. Or maybe eden could alter the report to give us the numbers we need.

Types 2014	#	1/1-1/31	#	2/1-2/28	#	3/1-3/31	#	4/1-4/30	#	5/1-5/31	#	6/1-6/30	#	7/1-7/31	#	8/1-8/31	#	9/1-9/30	#
Church	12	110	12	79	12	69	12	119	12	132	12	316	12	462					
Commercial	346	12,054	345	9,133	345	8,984	345	11,022	347	15,150	348	20,498	348	29,145					
Industrial	103	12,592	103	10,050	103	11,097	103	13,464	103	17,244	103	20,571	103	26,577					
Multifamily	470	23,423	470	19,136	471	17,625	472	21,233	472	23,824	473	28,482	473	35,074					
Only Irrig	99	51	99	29	100	238	102	1,262	103	4,162	112	16,873	115	25,057					
Public	67	7,185	67	5,414	67	4,419	67	5,145	67	6,070	67	8,441	67	12,324					
Residential	4056	22,082	4,056	18,311	4,062	16,482	4,093	21,279	4,113	25,497	4,135	35,275	4,160	51,981					
Totals	5153	77,497	5,152	62,152	5,160	58,914	5,194	73,524	5,217	92,079	5,250	130,456	5,278	180,620	-	-	-	-	

10/1-10/31	# 11/1-11/30	12/1-12/31
101	12 104	12 105
19,146	345 13,006	346 11,554
13,706	103 12,117	103 10,779
22,738	469 21,413	469 20,154
724	98 159	99 63
12,567	67 5,961	67 6,052
21,298	4,036 20,457	4,045 20,795
90,280	5,130 73,217	5,141 69,502

.

10/1-10/31	#	11/1-11/30	#	12/1-12/31
				·
		-	-	-

Willamette River WTP
Date 09/03/14

# VOLATILE ORGANIC COMPOUNDS (VOC's) RAW WATER

#### **Willamette River Water Treatment Plant**

April, 2014

Sample	Analyte	Results (mg/L)	RL (mg/L)	MCL (mg/L)
04/09/14	Benzene	ND	0.00050	0.005
04/09/14	Bromobenzene	ND	0.00050	
04/09/14	Bromochloromethane	ND	0.00050	
04/09/14	Bromodichloromethane	ND	0.0010	
04/09/14	Bromoform	ND	0.0010	
04/09/14	Bromomethane	ND	0.00050	
04/09/14	n-Butylbenzene	ND	0.00050	
04/09/14	sec-Butylbenzene	ND	0.00050	
04/09/14	tert-Butylbenzene	ND	0.00050	
04/09/14	Carbon Tetrachloride	ND	0.00050	0.005
04/09/14	Chlorobenzene	ND	0.00050	0.1
04/09/14	Chloroethane	ND	0.00050	
04/09/14	Chloroform	ND	0.0010	
04/09/14	Chloromethane	ND	0.00050	
04/09/14	2-Chlorotoluene	ND	0.00050	
04/09/14	4-Chlorotoluene	ND	0.00050	
04/09/14	1,2-Dibromo-3-Chloropropane	ND	0.00050	0.0002
04/09/14	Dibromochloromethane	ND	0.0010	
04/09/14	1,2-Dibromoethane	ND	0.00050	
04/09/14	Dibromomethane	ND	0.00050	
04/09/14	1,2-Dichlorobenzene	ND	0.00050	0.6
04/09/14	1,3-Dichlorobenzene	ND	0.00050	
04/09/14	1,4-Dichlorobenzene	ND	0.00050	0.075
04/09/14	Dichlorodiflouromethane	ND	0.00050	
04/09/14	1,1-Dichloroethane	ND	0.00050	
04/09/14	1,2-Dichloroethane	ND	0.00050	0.005
04/09/14	1,1-Dichloroethene	ND	0.00050	0.007
04/09/14	cis-1,2-Dichloroethene	ND	0.00050	0.07
04/09/14	trans-1,2-Dichloroethene	ND	0.00050	0.1
04/09/14	1,2-Dichloropropane	ND	0.00050	0.005
04/09/14	1,3-Dichloropropane	ND	0.00050	
04/09/14	2,2-Dichloropropane	ND	0.00050	
04/09/14	1,1-Dichloropropene	ND	0.00050	
04/09/14	cis-1,3-Dichloropropene	ND	0.00050	
04/09/14	trans-1,3-Dichloropropene	ND	0.00050	
04/09/14	Ethylbenzene	ND	0.00050	0.7
04/09/14	Hexachlorobutadiene	ND	0.00050	1
04/09/14	Isopropylbenzene	ND	0.00050	,
04/09/14	Dichloromethane	ND	0.00050	0.005
04/09/14	p-Isopropyltoluene	ND	0.00050	
04/09/14	Naphthalene	ND	0.00050	
04/09/14	n-Propylbenzene	ND	0.00050	
04/09/14	Styrene	ND	0.00050	0.1

Willamette River WTP
Date 09/03/14

# VOLATILE ORGANIC COMPOUNDS (VOC's) RAW WATER Willamette River Water Treatment Plant

#### April, 2014

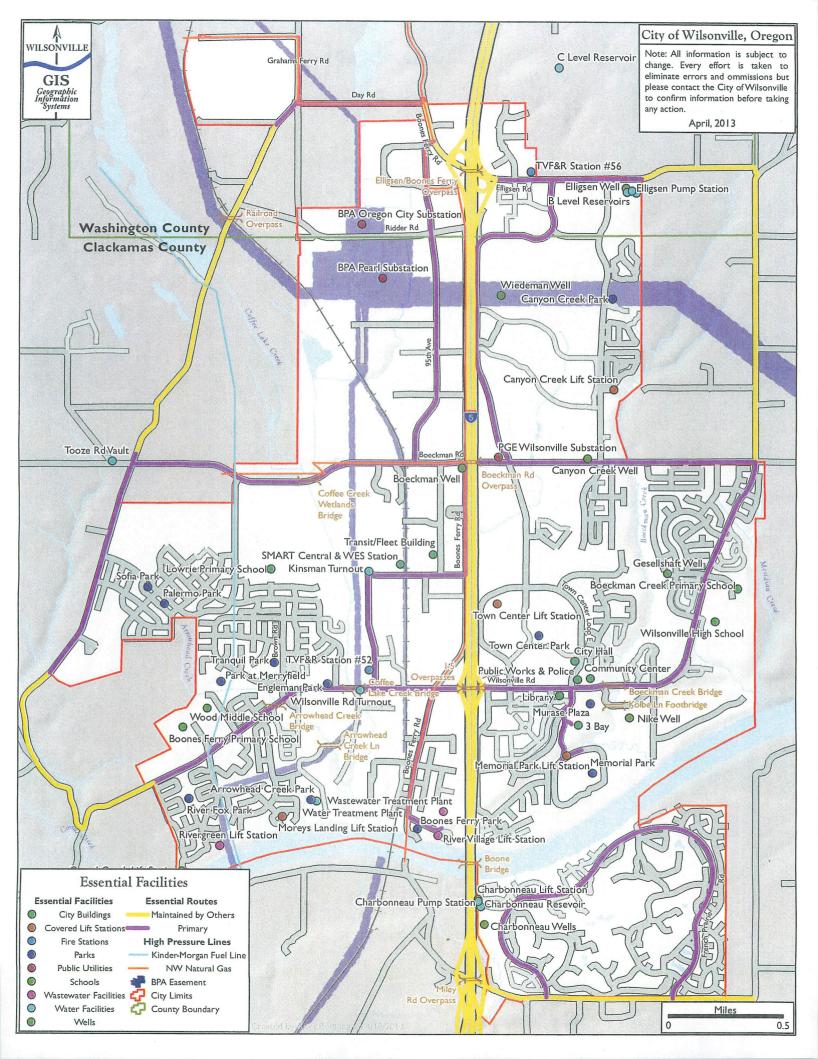
7 10111, 2011				
Sample	Analyte	Results (mg/L)	RL (mg/L)	MCL (mg/L)
04/09/14	1,1,1,2-Tetrachloroethane	ND	0.00050	
04/09/14	1,1,2,2-Tetrachloroethane	ND	0.00050	
04/09/14	Tetrachloroethene	ND	0.00050	0.005
04/09/14	Toluene	ND	0.00050	1.0
04/09/14	1,2,3-Trichlorobenzene	ND	0.00050	
04/09/14	1,2,4-Trichlorobenzene	ND	0.00050	0.07
04/09/14	1,1,1-Trichloroethane	ND ·	0.00050	0.2
04/09/14	1,1,2-Trichloroethane	ND	0.00050	0.005
04/09/14	Trichloroethene	ND	0.00050	0.005
04/09/14	Trichloroflouromethane	ND	0.00050	
04/09/14	1,2,3-Trichloropropane	ND	0.00050	
04/09/14	1,2,4-Trimethylbenzene	ND	0.00050	
04/09/14	1,3,5-Trimethylbenzene	ND	0.00050	
04/09/14	Vinyl Chloride	ND	0.00050	0.002
04/09/14	Xylenes (total)	ND	0.0010	10

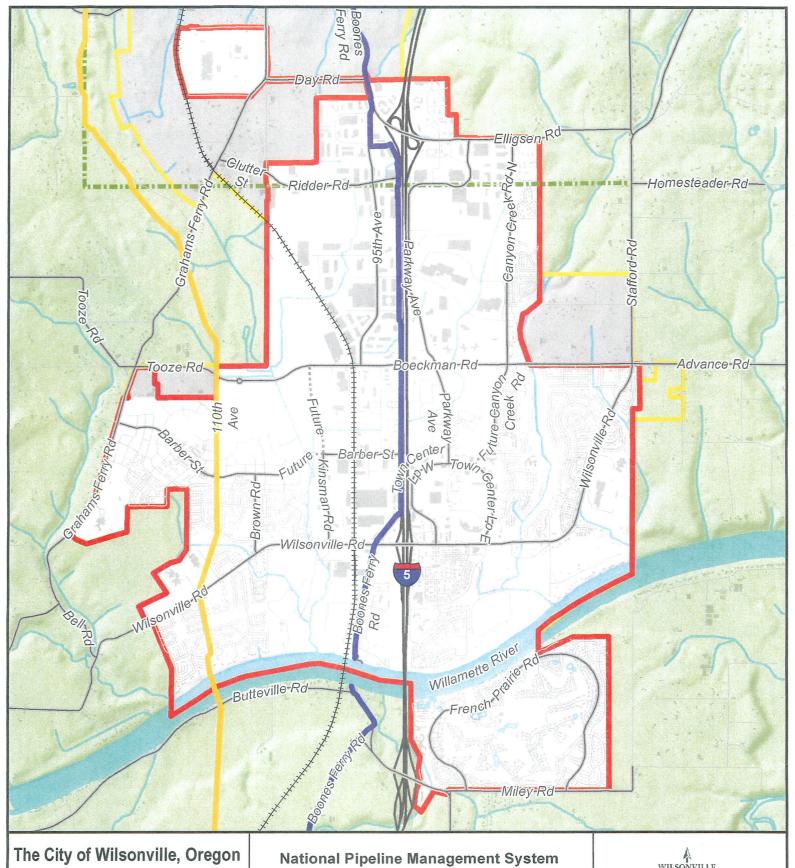
#### Notes:

RL-Laboratory Reporting Limit

ND - Not detected above reporting limit

MCL (Maximum Contaminant Level) does not apply to raw/untrea





Clackamas and Washington Counties

NPMS Data Sharing



SFPP, LP

This product is for informational purposes and may not have been prepared for, or be suitable for legal. engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



## City of Wilsonville Spill Response, Reporting Policy and Procedures

#### Procedures

If the material is a hazardous substance, and of sufficient quantity to pose health risks to responders and the general public:

Call 911 immediately.

#### Parties Responsible for Responding to Spills & Releases:

Wastewater Treatment Plant and Lift Stations

• WWTP Supervisor Robert Watts: 971-219-5688

• Emergency Pager: 503-441-0200

Wastewater Collection Lines and Manholes

• Roads Supervisor Arnie Gray: 503-519-0375

• Emergency Pager: 866-252-3614

#### Industries

Pretreatment Coordinator Randy Watson: 503-522-7763

• Emergency Pager: 503-441-0200

Streets and Storm Water System

• Roads Supervisor Arnie Gray: 503-519-0375

• Emergency Pager: 866-252-3614

#### Parties Responsible for Reporting to DEQ & OERS:

Wastewater Treatment Plant and the Sanitary Sewer System

• WWTP Supervisor Robert Watts: 971-219-5688

#### Industries

• Pretreatment Coordinator Randy Watson: 503-522-7763

Streets and/or Storm Water System

• Storm Water Mgt Coordinator Luke Bushman: 503-522-7764

Spill response and follow-up will be based upon an incident assessment, which satisfies all required safety procedures.

#### **Reportable Quantity**

Reportable quantity as defined in OAR 340-142-0050 (Division 142). A list of reportable quantities is available at <a href="https://www.deq.state.or.us/regulations/rules">www.deq.state.or.us/regulations/rules</a>

#### Examples:

Spills of oils that are discharged into waters of the state or in a location from which it is likely to escape into waters of the state any quantity of oil that would produce a visible film, sheen, oily slick, oily solids or coat aquatic life, habitat or property with oil;

Spill on the surface of the land and not likely to escape into waters of the state, any quantity of oil or hazardous material over one barrel (42 gal);

If the amount of oil or hazardous material exceeds the reportable quantity in any 24 hr period, this is also a reportable quantity.

#### Reporting

After determination of a reportable spill or release contact:

Sanitary or Storm Water Discharge ~ Oregon Emergency Response System (OERS): 800-452-0311 Sanitary Discharge within 24 hrs of the Incident ~ DEQ: 503-229-5295

#### Provide the Following:

Location of the Spill or Release Receiving Water (if there is one) Estimate of the Volume of Spill or Release Where the Spill or Release Occurred Date and Time When it Started and Stopped

Give the above details and follow up on DEQ requirements.

DEQ must receive within five days of a reportable spill or release, a written report with required permit reporting information. A reporting form is available online from DEQ at www.deq.state.or.us/lq/pubs/forms/cu/SpillReleaseReportForm.pdf

### **Spill Response and Reporting Emergency Contact List**

Fire, Hazard, Emergencies

Tualatin Valley Fire & Rescue:

911

Police

Clackamas County Sheriff:

503-682-8218

Clackamas County Sheriff Dispatch:

503-682-8211

Hospitals

Legacy Meridian Park:

503-692-1212

Providence St Vincent's:

503-216-1234

Reporting

Oregon Emergency Response System (OERS):

800-452-0311

**DEQ Pollution Report:** 

503-229-5393

DEQ Waste Water, Lyle Christensen:

503-229-5295

DEQ Storm Water, Benjamin Benninghoff:

503-229-5185

**Emergency Response Contractors** 

Waste Water Treatment Plant Pager:

503-441-0200

Bravo Environmental:

503-261-9800

Kurka Contracting (Ron):

503-428-0758

Water Truck Service (Don):

503-969-9557