



KEEPING IN TOUCH
PIPELINE SAFETY AND EMERGENCY INFORMATION



Kingston Midstream

PUBLIC AWARENESS

CALL OR CLICK BEFORE YOU DIG

Call Or Click Before You Dig within 30 metres (100 feet) on each side of the centreline of pipe(s), contact your local one-call centre.

Saskatchewan - 1st Call

Phone: 1-866-828-4888 or Online: www.sask1stcall.com

Manitoba - Click Before Your Dig MB

Phone: 1-800-940-3447 or Online: www.clickbeforeyoudigmb.com

IN CASE OF AN EMERGENCY

Please find a safe place to call 911 and then call Kingston Midstream at:

Emergency number 1-888-420-4357.

HOW TO REACH US

Kingston Midstream Estevan Office: 1-306-634-2681

PUBLIC AWARENESS

Email: publicawareness@kingstonmidstream.com

Mail: Advisor, Public Affairs
402 Kensington Ave
P.O. Box 1400
Estevan, SK
S4A 2K9

WEBSITE

www.kingstonmidstream.com



Kingston Midstream

The Kingston Midstream system doesn't just run through communities — it connects them.

Keeping in touch with you is important to us. That's why we contact our friends and neighbours who live in areas where our pipelines exist. We consider keeping in touch a chance to share important information about us and to hear from you about your experiences. Staying in touch with our neighbours also allows us to respond to your questions and keep you up to date on Kingston Midstream programs regarding everything from safety to maintenance.

In order to keep current communication with landowners, we request that you let us know of change of ownership of the land and who your tenant is, so we can forward our messaging on to them to keep everyone safe that work on or near the pipeline.

OPEN COMMUNICATION

This book contains all of the contact information to get you in touch with Kingston Midstream. It also has important information about living and working near our pipelines and what to do in the case of an emergency.

Please take a few minutes to review the brochure with your family and then store it in a convenient place.

DOWN THE LINE

Millions of people depend on the liquid hydrocarbons we transport and keeping the pipelines safe for everyone is our most important job.

Our pipelines meet or exceed high government standards. Experience has taught us that pipelines are the single safest mode of transportation available for oil and petroleum products.

Kingston Midstream employees are part of your community, they live and work near our pipelines and are invested in safety for everyone.

Existing System

Kingston Midstream is regulated by the Saskatchewan Ministry of Energy and Resources; Manitoba Department of Growth, Enterprise and Trade; and the Canada Energy Regulator.

The products in our system include conventional crude oil, condensates and natural gas liquids. They are transported through pipelines ranging in diameter from 89mm (3 inches) to 406mm (16 inches). Multiple pipelines often exist within the same right-of-way (ROW).

Above Ground Facilities

Kingston Midstream owns and operates several above ground facilities along its crude oil pipeline systems. Crude oil storage facilities are used to safely store and transport crude oil to refineries and other marked destinations. Our pipelines are monitored 24/7 by Kingston Midstream's control centres. Valve sites are located along the pipeline right-of-way (ROW) and may be used to control the flow of products in the pipeline.



Our pipelines meet or exceed high government standards. Experience has taught us that pipelines are the single safest mode of transportation available for oil and petroleum products.

Safe operation of our pipelines is a responsibility that Kingston Midstream is committed to ensuring. This responsibility does not mean working alone. We continually work to provide safe, reliable operations, and keep in regular contact to communicate important information to local governments, community fire and police services, utilities, contractors, neighbours and tenants.

Being prepared is the key, and that is why we have developed plans based on open communication and teamwork. Kingston Midstream works with local fire and police services so that they have the information they require to respond to an emergency. Regular training exercises are held in select locations throughout the year to keep employees' skills fresh, and to maintain strong and effective relationships with local emergency responders.

You, as our neighbour, also contribute as a member of our team. By following right-of-way safety precautions and keeping in touch you can help prevent incidents and minimize their impacts.

From The Ground Up

We understand the potential impact on land, air and water and take responsibility in preserving the environment.

In fact, our activities — everything from pipeline design, construction, testing, maintenance, operations safety and emergency response practices — are subject to government regulations, which we meet or exceed.

When the ground is disturbed, we take it seriously and make every effort to restore the land as close to its original condition as possible.

We are constantly monitoring all of our activities as a precaution and with the intention of protecting the environment.

Protecting Your Community

Kingston Midstream has a number of programs that safeguard the integrity of our pipeline system.

Investing in the tools, technologies, people and strategies ensure our pipeline networks have the strength and fitness needed to do the job safely and reliably.

Safety In Process And Safety In Process And Technologies

From the purchase of high quality steel pipe manufactured to meet stringent criteria, to the cathodic protection system we employ to prevent corrosion once a pipe is installed, Kingston Midstream makes the safety of the system a priority before and during its operation.

The processes and technologies that we use to prevent and detect leaks include:

- The careful selection and testing of pipe prior to and during the manufacturing process
- X-ray or ultrasonic testing of welds made during construction
- Sophisticated monitoring and control systems that operate around the clock, 365 days a year



- Research and development of technologies designed to prevent corrosion and cracking
- The use of durable coating systems and cathodic protection (use of low voltage electric current) to protect pipe from external corrosion
- The use of increasingly sophisticated in-line inspection technologies to measure to the integrity of the pipeline. The accuracy of this technology is validated by digs and 3rd party assessments.

Safety In People And Practices

In addition to developing and putting the right processes and technologies into place, the right people and practices also drive our efforts to keep the pipeline safe.

Our initiatives include:

- Regular pipeline ROW patrols by aircraft and by land
- Investigative dig programs to ensure pipeline integrity
- Meeting or exceeding industry standards and regulations
- The use of corrosion inhibitor and wax dispersant (oil additives) to maintain the integrity of the internal pipe surface

- Public awareness education
- Research and development
- Emergency response staff and equipment at strategic locations along the pipeline route

Respecting The Environment

Whether it's plant life, wildlife, soil, fresh water or historical artifacts, in every aspect of our business we work hard to preserve the natural balance of your land. We plan very carefully from start to finish on every project. We make sure our people know what's expected, talk to you, and implement programs that will help protect the environment.

Kingston Midstream is committed to be fair and consistent with everyone who lives and works along the pipeline route.

Understanding The Right-Of-Way (ROW)

A ROW is a strip of land of varying widths that contains one or more pipelines. The actual width of the ROW in your area will be noted in your specific easement agreement.

The ROW:

- Allows our workers access for inspection, maintenance, testing or emergencies
- Identifies an area that restricts certain activities to protect public safety

While permanent pipeline markers are located at roads, railways and other intervals along the ROW, they show only the approximate location of the buried pipelines. The depth and location of the pipelines vary within the ROW. There is no distinct look to the ROW, as the ROW exists in many kinds of ecosystems.

Easement Agreements

Good working relationships between pipeline companies and the property owners/tenants along the ROW are essential to the safety and reliability of the pipeline system.

We've been developing and maintaining constructive relationships with thousands of neighbours just like you. Recognizing your contribution, Kingston Midstream is committed

to dealing fairly and consistently with everyone who lives and works along the pipeline route.

The relationship began when the original easement agreement was negotiated. The year the original easement agreement was negotiated varies across the pipeline system. As growth continued, additional pipelines were installed and, in some situations, the original ROW became full, requiring an additional easement to be negotiated.

In return for compensation, Kingston Midstream was granted the right to use the ROW for constructing, operating and maintaining its pipelines. Neighbours, in turn, help to protect the safety of the line by honouring the agreement and all government regulations with respect to excavation, construction or other activities over or near the ROW.

The Canada Energy Regulator (CER) Prescribed Area

If you are planning to excavate using power operated equipment or using explosives within 30 metres (100 feet) on each side of the centreline of pipe(s), you must contact Kingston Midstream first and obtain permission. Please contact us using the information listed at the front of this brochure. We will work with you so that you may complete your work safely.

CER Requirements

Excavation and construction activities in the vicinity of Kingston Midstream pipelines are subject to the legal requirements of the Canada Energy Regulator Act and the Canada Energy Regulator Damage Prevention Regulations.

The regulatory framework and further detail used to promote safety and environmental protection is set out in the Canada Energy Regulator Pipeline Damage Prevention Regulations – Authorizations; and in the Canada Energy Regulator Pipeline Damage Prevention Regulations – Obligations of Pipeline Companies.

We'll Be There

To protect public safety and to reduce pipeline damage, you must contact us at least three working days before beginning an excavation using power operated equipment on or within 30 metres (100 feet) of the ROW or using explosives near the ROW. We will help you avoid problems and delays by:

- Acquainting you with the prescribed area, and providing guidelines for excavation and blasting
- Helping you obtain written permission for excavations within 30 metres (100 feet) on each side of the centreline of

pipe(s)

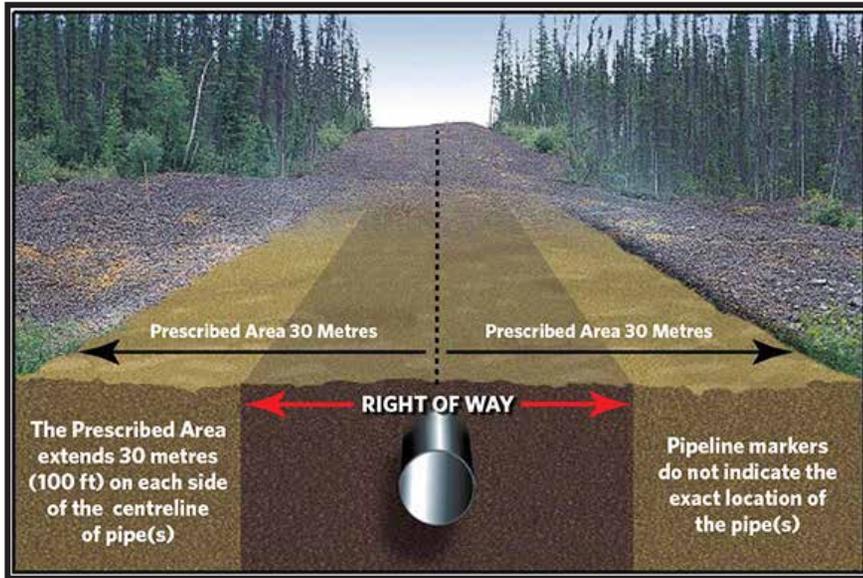
- Locating and marking our pipelines
- Ensuring a Kingston Midstream field representative is on site

For installations across the ROW written permission is required. Once a written request is received, we will contact you within ten business days.

Other Activities On The Row

If you plan to carry out certain activities on the ROW, you must consult with Kingston Midstream before moving ahead. Approvals for some facilities may take longer, so plan ahead. This includes calling us in advance when you want to:

- Install fence posts
- Use explosives
- Construct roads, paving, parking, driveways, ditches, railways, overhead or underground utilities or other facilities
- Deep tillage exceeding 30cm (12 inches)
- Encroach on the ROW with services for other facilities
- Build a berm
- Stock pile materials
- Conduct a ground disturbance excavation
- Remove or add soil cover, or when soil conditions may cause significant rutting



Operating Vehicles Or Mobile Equipment Across The Pipeline ROW

Kingston Midstream permits the operation of agricultural vehicles and equipment across the pipeline ROW for the purpose of normal farming operations such as cultivation, planting and harvesting, but excludes chisel plowing, deep tilling or ripping to more than 18 inches (45 cm) in depth.

Kingston Midstream doesn't want to interfere with the landowners' use of the land or restrict routine agricultural activities. However, to ensure your safety, please consult Kingston Midstream if you are unsure about crossing the pipeline.

We understand that today's farming operations often use non-agricultural equipment like semi-tractor trailers or tracked vehicles. If these vehicles are loaded in accordance with provincial highway standards (no special permit loads) the vehicles can safely cross the pipeline ROW with no further approval from Kingston Midstream. If you have questions regarding load limits or shallow depth of cover, please contact Kingston Midstream at 1-306-634-2681.

WWe know that sometimes work needs to be done on or near the pipeline. That's why we offer Call or Click Before You Dig, a free pipeline location service.

Within three working days of your request a Kingston Midstream representative will be in contact with you, ready to mark the exact location of the line. Please see the front cover for the local one-call centre phone number in your area.

5 STEP SAFETY CHECKLIST

If you are planning on conducting work on or near a Kingston Midstream ROW please follow this 5 step safety check list:

- 1. Plan your activity - identify the precise location of your work, check records for evidence of other buried utilities. Obtain written permission, if required.**
- 2. Contact your local one-call centre.**
- 3. Be on-site when the pipeline is being located and ensure all other buried utilities are located.**
- 4. Immediately notify Kingston Midstream at 1-888-420-4357 if you come into contact with a pipe or its coating.**
- 5. Always follow the instructions of a Kingston Midstream representative.**

DRAINAGE IMPROVEMENTS

If you are planning to improve drainage across or within the ROW, consult with us first. Early communication will help in the approval process required for installing tiles, ditching, grading or deep tillage exceeding 45 cm or (18 inches). Consulting with us regarding your drainage proposal will allow us to assess your work and set safe procedures when working within the pipeline ROW or within 30 metre (100 feet) of the centreline. Please call us at one of the telephone numbers listed at the front of the brochure.

If you are planning to install drainage tile, design drawings must be submitted early for review and approval. In certain cases, a header installation may be preferred in order to reduce the number of crossing and excavation activity within the ROW.

REPORTING SUSPICIOUS ACTIVITY

If you notice suspicious or unusual activity on or near the pipeline ROW, please contact Kingston Midstream immediately. Your call is always appreciated.

Suspicious or unusual activities could include:

- Threats being made or acts of vandalism against Kingston Midstream pipelines, facilities or employees
- Surveillance by an individual or group that involves taking pictures, videos or monitoring facilities with binoculars
- Abandoned packages, equipment or vehicles left near Kingston Midstream pipelines or facilities
- Inquiries or questions being asked about Kingston Midstream pipelines, facilities or employees that do not relate to normal operations



Protecting the air, water and land in your community is an important part of our job.

In An Emergency

Pipelines have been proven as the safest transportation mode for energy commodities. Pipeline leaks are rare but can happen for a number of different reasons. Statistics show that third party damage is one of the most common reasons for pipeline leaks or ruptures which underscores the importance of Call or Click Before You Dig programs.

The liquid hydrocarbons in Kingston Midstream's pipeline system are flammable and are potentially hazardous and explosive under certain conditions. Pipelines can also leak as a result of a defect or some other type of pipe wall damage. Internal inspection tools are used to detect potential pipe problems in advance, which enable companies to perform investigative digs and repair the damage. Since some commodities are more flammable than others, a pipeline leak or rupture will have different consequences depending on the commodity being transported.

Hydrocarbon products such as natural gas liquids or petroleum products are very flammable and will catch fire from even the smallest spark or ignition source. Crude oil is also flammable under certain conditions and can pose an environmental threat if large

volumes escape.

It's important to know what to do if you suspect pipeline operations have been disrupted in anyway.

It's important that you know the warning signs and how to respond in the event of an emergency.

Know The Warning Signs For A Liquids Pipeline Leak

For pipelines carrying liquid hydrocarbons, each product has individual characteristics. This means that the warning signs vary depending on the product involved.

IF YOU SEE...

- *A moist patch or pool of black liquid... it may be crude oil*
- *A moist patch or pool of light brown or yellow liquid... it might be synthetic crude oil or condensate*
- *A steam-like cloud or a frost-like appearance on the ground... it may be a natural gas liquid*

IF YOU HEAR...

- *A roaring, blowing or hissing sound... it may be a pipeline leak*

IF YOU SMELL...

- *An odour similar to gasoline, but much stronger and less pleasant... it may be natural gas liquid*

Know The Warning Signs Of A Natural Gas Liquids Leak

Kingston Midstream's Saskatchewan system has a number of Natural Gas Liquids (NGL) pipelines. NGL's, when transported through a transmission pipeline system like Kingston Midstream's, are odourless. If there was a leak on the pipeline system, it's important not to depend on odour to detect it.

IF YOU SEE...

- *A cloud of steam or mist, caused by condensation and freezing moisture*
- *Ice build-up on exposed pipe or frozen ground around an underground pipe*
- *Brown vegetation, which is an indication of soil saturation*
- *Yellow-stained snow, which may be an indication of NGL accumulation under the snow*

What To Do In An Emergency

If you see, smell or hear any of the warning signs, please immediately do the following:

1. *If you can do so safely, turn off any mechanized equipment.*

Move as far away from the leak as possible in an upwind direction.

2. *Avoid contact with escaping liquids and gases.*
3. *Call 911.*
4. *Call the toll free, 24-hour Kingston Midstream emergency number at 1-888-420-4357.*
5. *Follow instructions provided to you by Kingston Midstream and local emergency responders.*

What Not To Do In An Emergency

- *Do not touch any liquid or vapour that may have come from the pipeline*
- *Do not drive into the area or start your vehicle*
- *Do not light a match*
- *Do not turn on or off anything that may create a spark, including cell phones, telephones, light switches, vehicle alarms and flashlights*
- *Do not operate pipeline valves*
- *Local public safety officials will determine if residents should evacuate or shelter-in-place. Residents may be asked to evacuate if it is no longer safe to be in the area or to shelter-in-place if there is something unsafe in the environment.*

If you do not know the location of the pipeline leak, shelter-in-place:

- *Immediately go indoors and close all windows and outside doors*
- *Take shelter in the room with the least amount of windows and vents*
- *Keep phone lines open so that you can be contacted by emergency response personnel*
- *Stay tuned to local radio and television (battery operated) for possible information updates*
- *Turn off any appliances or equipment that circulate air, such as exhaust fans, gas fire places, gas stoves, heating/air conditioning (HVAC) systems*
- *Turn down furnace thermostats to the minimum setting*
- *Even if you see people outside do not leave until told to do so*

Kingston Midstream Response To An Emergency

We constantly monitor all of our activities and take steps to protect the environment.

Immediate Response

In the event of an incident our emergency plan will immediately go into effect. Kingston Midstream will work with local emergency responders to identify and resolve the issue.

Personnel from Kingston Midstream's control centre have the ability to immediately shut down and isolate sections of the pipeline.

Local emergency responders will be notified. They may secure the area and move residents to a safe location depending on the situation. Our trained emergency response crews will arrive to deal with leaked material and repair the damaged pipe.

RESTORING SPILL SITES

Kingston Midstream personnel are trained to contain and clean up leaks using a variety of leading-edge technologies. We have personnel located at strategic intervals with all the equipment and technology needed to contain and clean up any leaks. These measures are in place to protect the environment, your community and all our neighbours down the line.

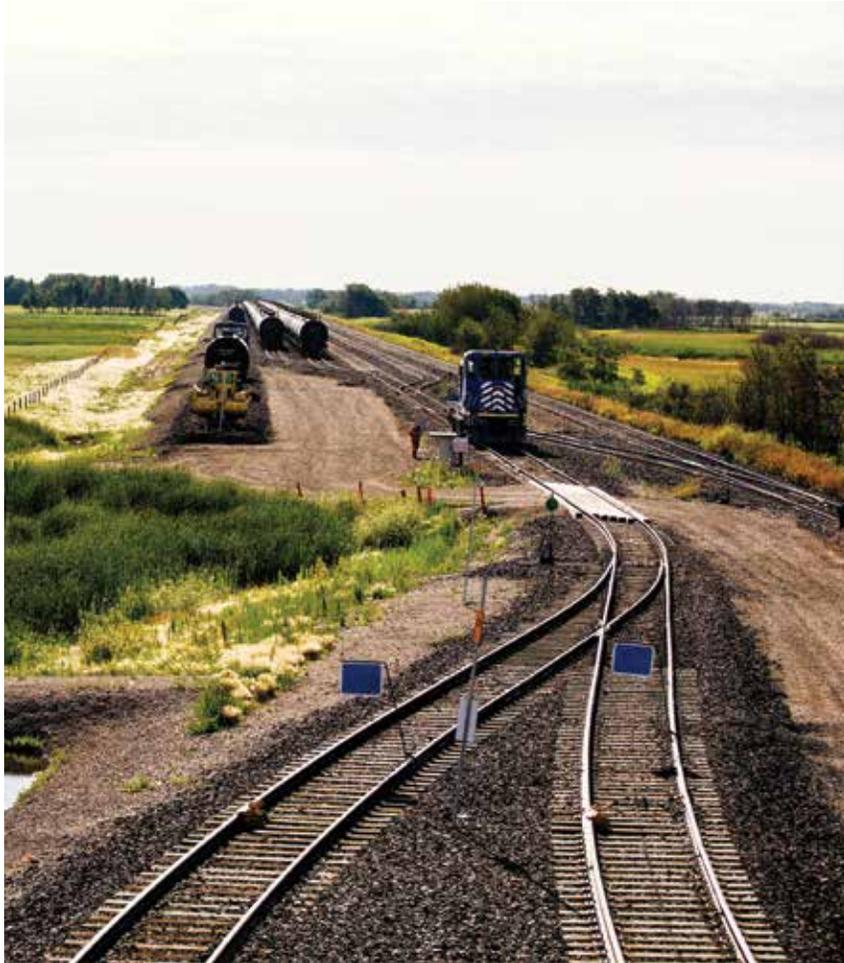
Containing product, repairing any damage, cleaning the site and returning the area as near as possible to its previous state is part of our commitment to you and your neighbours.

Kingston Midstream Response Training

Training and qualification procedures have a major impact on the safety and efficiency in our pipeline operations. Kingston Midstream employees participate in regular emergency response drills and simulations to test and improve their skills and our procedures. Documented emergency and crisis management plans help minimize

the impact of an incident and form part of our compliance with regulatory requirements.

Emergency response training exercises play a key role in our commitment to be prepared in case of an incident. Response personnel receive regular classroom and field training. These exercises are critical to our preparedness.



Kingston Midstream