

We are active members of Sarnia's Community Awareness Emergency Response (CAER) association and the Chemical Valley Emergency Coordinating Organization (CVECO).



Guided by the principles of Responsible Care, NOVA Chemicals has high safety and environmental protection standards and a consistent record of safe, responsible pipeline operation. Our Responsible Care approach includes key programs such as:

- **Regular Inspection and Audit Programs** – internal and external.
- **Soil Management** – we ensure topsoil is carefully removed, inspected and returned.
- **Fugitive Emission Program** – all above ground facilities are monitored each year for potential minor leaks, which are repaired expeditiously.
- **Cathodic Protection Systems** (low voltage current) prevents electrochemical reactions that can cause steel to corrode.
- **Corrosion Protection** – an essential component and a preventative measure that adds one more layer of protection between the pipeline and the ground.
- **Regulator Relationships** – The National Energy Board governs pipeline activities

and conducts compliance audits of pipeline companies to ensure compliance with regulations. In the United States, we comply with, and are audited by, the U.S. Department of Transportation.

- **The Technical Standards and Safety Authority** regulates fuel safety in Ontario under the provincial Energy Act and Gasoline Handling Act.
- **A 24/7 Emergency Phone Number** for the public:
In Canada: **1-519-862-2002**
In the US: **1-800-278-0584**

Community Awareness: Working Together

Although we have stringent safety and reliability programs, our neighbours are our eyes and ears along the pipeline corridors. We encourage you to contact us for information at any time, or if you see or hear something that seems out of the ordinary – odours, noise, suspicious activities, or other disturbances.

We are committed to building solid community relationships through our outreach programs.



Numbers to Know

- **NOVA Chemicals Pipeline Emergency Line**
In Canada: **1-519-862-2002**
In the US: **1-800-278-0584**
- **Ontario One Call Utility Notification Service** – 24 hours a day/7 days a week toll free
1-800-400-2255
Ontario One Call will send a locator to identify and mark the location of buried pipelines.
For everyone's safety, please call at least two full business days before you dig.
- **Michigan Miss Dig**
1-800-482-7171



For more information about NOVA Chemicals, please visit us at www.novachem.com or www.novachem.com/SarniaLambton/

NOVA Chemicals, headquartered in Calgary, Alberta, Canada, is a wholly owned subsidiary of the International Petroleum Investment Company (IPIC) of the Emirate of Abu Dhabi.

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Keeping in Touch

*A guide for landowners
and neighbours along
NOVA Chemicals'
Pipelines*



At NOVA Chemicals we care about the safety of our neighbours, our communities, and the environment. This document will provide you with information about our operations, our beliefs around pipeline integrity, our emergency response plan, and key regulatory relationships.

About NOVA Chemicals®



NOVA Chemicals develops and manufactures chemicals, plastic resins and end products that make everyday life safer, healthier and easier. Our employees work to ensure health, safety, security and environmental stewardship through our commitment to sustainability and Responsible Care®.

In Sarnia-Lambton we operate three manufacturing facilities that produce:

- 1.85 billion pounds of ethylene
- 4.7 billion pounds of chemical and energy products
- 1.2 billion pounds of polyethylene

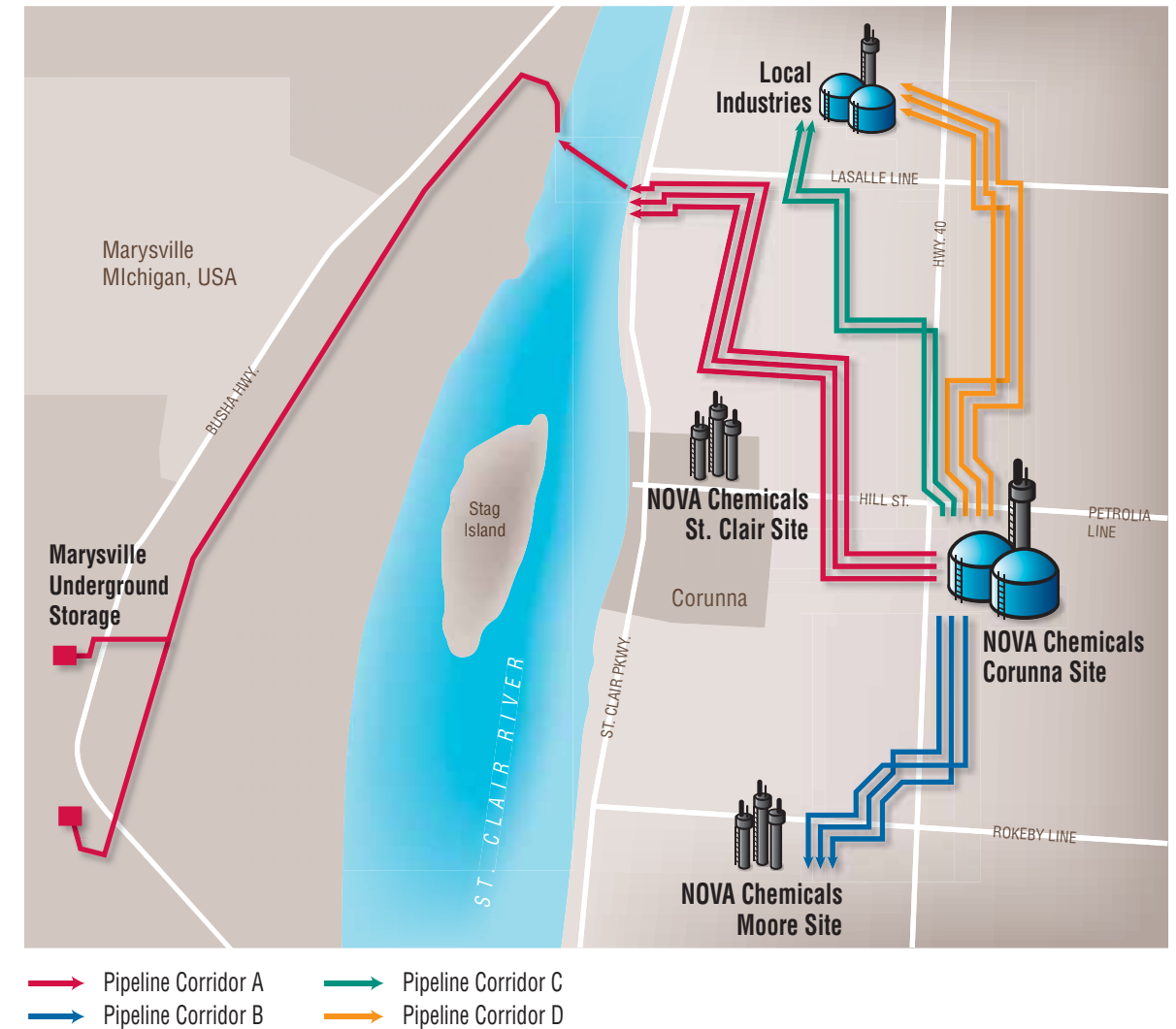
About NOVA Chemicals' Pipelines

Pipelines are critical to the growth and sustainability of our operations. They link our world-scale petrochemical complex (Corunna Site) to external markets and integrate the facility with local industries.

- Pipelines entering our facilities carry natural gas liquids as well as crude oil. These materials are used as feedstocks in our processes.
- Pipelines exiting our facilities carry finished products including ethylene, benzene and a variety of fuel products.
- NOVA Chemicals owns and operates 28 pipelines in Ontario. Four of our pipelines carry product into Michigan, USA.
- In Canada, our pipelines are regulated by the National Energy Board (NEB) and the Technical Standards and Safety Authority (TSSA). In the U.S., pipelines are regulated by the Department of Transportation (DOT).
- Average pipeline length is approximately 7 km.
- Approximately 178 km of pipelines exit Corunna Site.



Main Pipeline Corridors



Pipeline Safety and Preparedness

We care about the safety of our neighbours, our communities and the environment along our pipeline systems, and do the utmost to ensure feedstocks and products are transported safely.

Moving products by pipeline is the safest, most efficient and environmentally responsible form of transportation.

We use the best available technology to ensure the integrity of our pipeline assets.