



Manufacturing East Connections

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Register for Notifications

MyCNN is the local municipal warning system that can contact subscribers through a method of their choice, such as telephone, cell phone, email or text message. This system enables you to receive critical information quickly in a variety of situations, such as shelter in place, evacuation orders or severe weather.

To register for these notifications or to learn more, visit the Community Awareness Emergency Response (CAER) web site at www.caer.ca. Just click the MyCNN logo to begin your registration.

Continuous Improvement at the Heart of Recent CIAC Verification

In the last quarter of each year, we start to look ahead to the coming year, preparing our business plans and identifying our priorities. But just as importantly, we assess our performance and whether we have achieved **our goal of continuous improvement.**

Our goal of continuous improvement covers not only our financial performance but all of the Responsible Care® elements that are critical to our business success and sustainability: **our safety performance, our environmental track record, and our relationships with our community and stakeholders.**

As we proceed with our growth projects at our St. Clair Township operations, assessing how well we are meeting our Responsible Care commitments by Taking Care in our workplace, in our community, in our environment and with our products is just as important as whether we are meeting our project timelines.

This Fall we took part in a **regular verification process through the Chemistry Industry Association of Canada (CIAC).** CIAC regularly

assesses member companies for credibility with peers and the public, and for continuous improvement in the implementation of the Responsible Care ethic and principles.

This third-party assessment of our performance offers an excellent opportunity for NOVA Chemicals to gauge how well we are meeting our continuous improvement goal. We look forward to sharing highlights of the verification outcome in a future issue of *Connections*.

As a CIAC-founding member, NOVA Chemicals is proud of the leadership role we continue to play in the development of our industry's Responsible Care ethic and sustainability principles. Our culture is built on Responsible Care. At all times, we welcome your comments and input on our performance in any aspect of our operations. It's a key way for us to achieve continuous improvement.

Tom Thompson
Regional Manufacturing Director

Kicking Off Our United Way Employee Campaign

In September, we kicked off our regional United Way employee giving campaign at the annual Day of Caring®. Our volunteer teams of employees and leaders were busy at work completing light construction work, gardening, and home maintenance activities.

See photos page 2

In Our Community



Our employees volunteering at United Way Day of Caring in Sarnia-Lambton.

Health & Research Centre Takes Shape as Part of Our Lambton College Partnership

At the heart of our community investment approach is our vision to be known as a socially responsible neighbour — bringing value to NOVA Chemicals and the communities where we have a presence.

Born of this vision is our long-standing partnership with Lambton College in Sarnia. During the past six years, we have contributed \$2.35 million to the Lambton College community.

Of this investment, \$2 million directly supports construction of the NOVA Chemicals Health & Research Centre. Scheduled to open in Spring 2019, the Centre will help to meet the growing demand for healthcare professionals in the community by providing health sciences students with an enhanced learning experience.

Our contribution to the NOVA Chemicals Health & Research Centre is more than an investment in health education. It's an investment in developing and sustaining healthy communities where we live and work. We also contribute to the Equipment Renewal Program that will expand student and community capacity for experiential learning and corporate training.



Our Leadership Team tours the construction site for the NOVA Chemicals Health & Research Centre at Lambton College — slated for opening next Spring.

NOVA Chemicals takes action to prevent plastic debris from reaching the ocean

NOVA Chemicals announced in August a three-year investment of nearly \$2 million (US) to prevent plastic debris from reaching the ocean by investing in Project STOP. This project is a new global initiative to reduce plastic pollution especially in countries with high leakage of plastics into our oceans.



Project STOP was co-created in 2017 by Borealis, a global plastics producer and sister company of NOVA Chemicals, and SYSTEMIQ, a firm that invests in innovative sustainable land use, material and energy systems.

“We understand the growing concern about marine plastic pollution and agree we must take meaningful action to address this challenge. NOVA Chemicals’ investment demonstrates our commitment to shaping a world that is even better tomorrow than it is today,” said NOVA Chemicals’ Senior Vice President, Polyethylene Business, John Thayer. “Plastics are too valuable to be thrown away or left as litter. We’re working with Project STOP to find high-impact solutions to prevent plastic pollution in critical locations around the world.”

Southeast Asia has been identified as a major source of marine plastic debris as economic development and plastics consumption have outpaced the expansion of waste management systems in the region. Project STOP has chosen Indonesia as a primary focus region. NOVA Chemicals’ investment will support the first city partnership in Muncar, a coastal fishing community located in Banyuwangi, Indonesia. With minimal waste services in place, many citizens are forced to dump their waste directly into the environment. Muncar was chosen due to the seriousness of the challenge, coupled with strong leadership and environmental commitment at national, regency and local levels.

For more information please see our news release of August 28, 2018 at: www.novachem.com

Update on Growth Projects

Construction continues on two new significant projects for our St. Clair Township operations: a new polyethylene facility and the next phase in the expansion of our Corunna Site cracker.

These projects — with a combined capital investment of approximately \$2 billion — are linked and generally follow the same expected schedule for engineering, construction, commissioning and start-up in late 2021.

Foundation work is now underway at the future Rokeby Site, and will continue into 2019. Detailed engineering work will wrap up in mid-2019. Approximately 120 local tradespeople will be on-site through the Fall and Winter months. Structural work is scheduled to begin by mid 2019. Also in 2019, we will start on construction of two new heaters for the Corunna cracker, which will continue into 2021. Foundation work for these new heaters will begin in January 2019.

Foundation Piling Work Underway for New Rokeby Site

Work laying the foundation of the new Rokeby Site is now underway and will continue through Winter into 2019. Piling is crucial to the stability of the future facility and involves repeatedly pushing long cylinders of steel pipe into the ground.

This work creates noise, but will take place primarily during day time hours, in keeping with our by-law requirements with St. Clair Township and as part of our Good Neighbour commitments. Four piling machines are on-site. Some of the machines are diesel powered and, as a result, some smoke from combustion may be visible.



Connecting Our Workforce with Local Business: App Launch This Winter

At NOVA Chemicals, we are committed to contributing to the local economy. As part of our Good Neighbour commitments, we are creating opportunities to connect the construction workforce with local businesses.

Our mobile app, FindIt Lambton, will launch this Winter and offer the opportunity for local businesses to promote their services to on-site tradespeople.

The FindIt Lambton app offers a unique opportunity for local businesses to connect with tradespeople looking for accommodation, dining, shopping and services. This is their one-stop shop to find what they need in Lambton County.



Tree Planting Started Along Rokeby Line to Recreate Woodland






As part of our plan to comply with the County of Lambton's Woodland Conservation bylaw, we began planting trees this Fall on the south side of the berm, facing Rokeby Line.

Our compensation planting plan has been designed to recreate the woodland features previously in place in other areas before construction began. Woodlands are beneficial as they clean the air, conserve soil and water, and provide wildlife with natural habitat.

NOVA Chemicals will be planting 5,800 trees on site, including native species like Sugar Maple, Yellow Birch, Bitternut Hickory, and Balsam Fir among many others.

This year, and in coming Spring / Summer seasons, our contractor Williams Landscaping will maintain the berm along Rokeby Line, including grass cutting at regular intervals to reduce the spread of weeds.

2018 – 2019 Project Milestones

-  **MTO Highway 40 construction** — in progress (Final paving Spring 2019. Road open 2018 – 2019)
-  **Foundations/Pilings** — in progress through 2019
-  **Corunna new heater construction** — 2019 – 2021
-  **Equipment Deliveries** — beginning Fall 2019
-  **Install main access road off Rokeby Line (804 Rokeby Line)** — complete
-  **Rokeby Line upgrades** — complete

In Other News

NOVA Chemicals Receives Business of the Year Award

NOVA Chemicals was proud to receive an Outstanding Business Achievement Award (OBAA) in the category of Business of the Year from the Sarnia-Lambton Chamber of Commerce in October.



In describing the award, the Chamber of Commerce noted: "Of all the businesses in our region, there is ONE that stands out as driving value — for its customers, employees, community and beyond. That's what the Business of the Year category is all about, celebrating excellence across the board. . . ."

In our submission we focused on three key concepts: Our commitment to innovation and creating excellent products that satisfy our customers' needs; the safe execution of large-scale projects going beyond the industry average; and the tremendous economic impact to the local community of our current operations and our growth projects.

Now available: NOVA Chemicals' 2017 Sustainability Report

Our 2017 report reflects our commitment to shaping a world where products vital to human health and happiness are even better tomorrow than they are today.

We invite you to review the report — both a snapshot of current company-wide performance and a commitment toward continuous improvement — at www.novachemicals.com.



We've been honoured!

We've been honoured with an Ontario Association for Children's Rehabilitation Services *Partnership Award* alongside four other industry companies in the Sarnia-Lambton region! The award recognizes our support, through Pathways Health Centre for Children, for improved access to rehabilitation and therapy services for children, youth and young adults from the First Nations of Aamjiwnaang, Kettle and Stony Point, and Walpole Island. This unique program is designed to deliver culturally appropriate therapy services in each community in their areas of greatest need, and is having a positive impact on young people and their families!



Taking Care

Safety on Area Roads

A lot of construction activity is taking place in and around the Sarnia-Lambton region, particularly on the roadways adjacent to Corunna Site and the future Rokeby Site.

Please Take Care!

As drivers, we need to exercise caution and patience when travelling through construction zones. During your daily commute, please consider these steps for added safety on area roads:

- Know your route and consider taking an alternate route to and from your destination.
- Plan for additional delays and leave yourself extra time.
- Slow down, be alert and pay attention to posted signage. Look for hazardous or changing conditions if advanced-green lanes are not in service.
- Drive defensively. The most common crash in a highway work zone is rear-end collision. Remember to leave seven seconds of braking distance between yourself and the vehicle in front of you. Most rear-end accidents occur due to following too closely or travelling too fast for the conditions.

Connections is published by NOVA Chemicals Corporation

If you have any questions, suggestions or concerns, please contact:

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For more information, please see these websites:

- NOVA Chemicals: www.novachem.com/pages/sarnia-lambton/sarnia-lambton.aspx
- Chemistry Industry Association of Canada: www.canadianchemistry.ca
- American Chemistry Council: www.americanchemistry.com

Connect with us!

