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Call for New BCAP Members

NOVA Chemicals is a proud member of the Bluewater Community Advisory Panel (BCAP). BCAP gives us a strong link to people who live and work in the Sarnia-Lambton region and we use this forum to communicate and engage on topics of mutual interest.

BCAP is currently looking for volunteer members. If you have an interest in the environment, safety or emergency preparedness related to local industry, please give this opportunity consideration. For more information, please email manestcomm@novachem.com.

Growing Our Ontario Operations

It's been a year and a half since we announced two significant projects for our St. Clair Township operations. With work well underway, I want to share with you the progress we have made.

Our employees and contractors are making great strides. We started preliminary work in late 2017 at the future Rokeby Site, and since then it has undergone a dramatic transformation.

- A berm was built to mitigate noise coming from the future facility
- Trucks have delivered over 60,000 tonnes of gravel to create roadways and parking lots on-site
- Rokeby Line was upgraded to accommodate increased traffic volumes
- The new main access road into the site was built and opened
- Piling work continues and is nearing completion
- Large concrete pours are underway to lay the foundation of the new facility
- 1,700 trees have been planted and a natural woodlot is starting to take

shape, designed to recreate the woodland features previously in the area before construction began

The third phase of the Corunna Cracker Expansion is also progressing well. The project team is nearing completion of the detailed engineering work, enabling the timely arrival of mechanical equipment.

Site preparations are nearing completion and additional contractors are mobilizing in the field. To date, we have:

- Relocated four buildings and shelters
- Progressed rebar and foundation work to prepare for the new heaters

Between the two projects over 475,000 total work hours were achieved in 2018. We remain steadfastly committed to an injury-free workplace and our other Responsible Care goals.



Tom Thompson
Regional Manufacturing Director



The future Rokeby Site has undergone a dramatic transformation since late 2017.



The third phase of the Corunna Cracker Expansion is progressing well.

In Our Community

Inspiring Future Engineers

We're proud to share that our relationship with Western University's Engineering Outreach programs is growing!

We are now the lead sponsor for Sarnia's Discovery Western summer camps, including the Go ENG Girl Sarnia event, an exciting opportunity for local girls in Grades 7-10 to learn about the wonderful world of engineering.

We have been a proud supporter of Discovery Western camps for seven years, and these sponsorship opportunities allow us to grow our strong, strategic partnership while inspiring our future workforce.



Taking Care on Parks Clean-Up Day

NOVA Chemicals employees and their families came out in droves to support the City of Sarnia's Annual Community Parks Clean-up Day. This year, employees tidied up Cathcart Park and a portion of the Howard Watson Trail. 48 volunteers collected over 10 bags of trash and covered over a kilometer of trail. We have been the proud lead sponsor of this Earth Day-supporting event for the past five years, supplying the clean-up kits including garbage and recycling bags, safety gloves and first aid supplies.



Leading the Way with Steps for Life

As a natural extension of our commitment to public, employee and contractor safety, and Goal Zero — no incidents, injuries, illnesses — we are a national sponsor of *Threads of Life*, an organization that believes workplace injuries, occupational diseases and deaths are preventable.

In early May, we joined our community for the annual Steps for Life fundraising walk to support local families affected by workplace tragedy. Funds raised at this annual event help provide programs and services to support families who have suffered as a result of a workplace tragedy, educate our community about the devastating ripple effects of each workplace tragedy, and promote a cultural shift to improve health and safety in the workplace.



Calling All Community Events!

Do you have an upcoming, non-profit event that you would like to share with the local community?

Promote your event with the NOVA Chemicals Community Calendar on local radio station, K106.3. Visit K106fm.com/community-events to learn more and register your event!

This is a free service for the Sarnia-Lambton region, sponsored by NOVA Chemicals.



Being a Good Neighbour

Community outreach, involvement and engagement are important to us at NOVA Chemicals. They are integral to the success of our ongoing operations and growth work. With construction ramping up, being a good neighbour to our community is more important than ever.

Our Good Neighbour Program establishes our specific commitments and actions to manage the impact of our construction activities. We and our contractors are all committed to strategies that proactively considering impacts and opportunities for stakeholders and build positive community relations.

In 2018, we promised to track our progress, share our performance and welcome your feedback on how you think we're doing. To date, our progress includes:



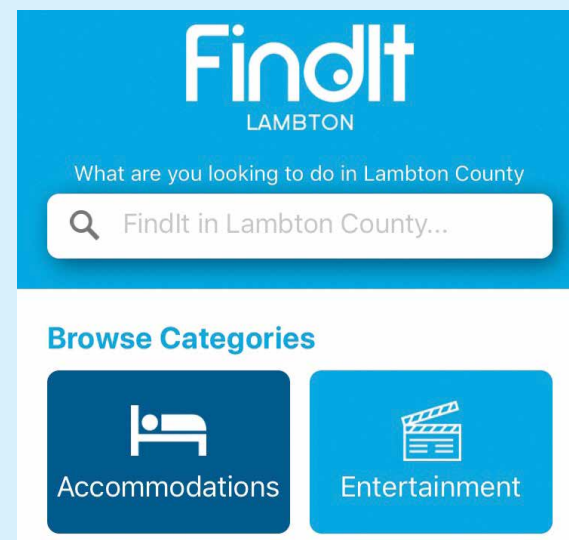
Communications

- **Create opportunities for stakeholder feedback**
 - One community open house and three near-neighbour project information sessions
- **Continue to consult with directly and potentially impacted stakeholders**
 - Held one-on-one visits with neighbours directly affected by activities of impact
 - Eleven monthly construction newsletters distributed



Employment and Business Development Opportunities

- **Create opportunities to connect the construction workforce with local business**
 - FindIt Lambton app launched
- **Promote local employment opportunities**
 - Updated website with pertinent employment projection information
- **Promote local business development opportunities**
 - Updated website to include information on how to do business with NOVA Chemicals



Environment

- **Meet our permitting and regulatory requirements**
 - We continue to obtain all required approvals and amendments as needed
- **Implement a plan for tree planting to compensate for trees removed from the construction site**
 - Tree planting underway along Rokeby Line
- **Work with our contractors to minimize construction material waste or over supply**
 - Recycling program initiated to minimize waste



Noise

- **Schedule work primarily during daytime hours**
 - Ongoing
- **Construct a berm**
 - Completed



Traffic

- **Implement a traffic management plan**
 - Ongoing
- **Proactively anticipate traffic impacts, particularly during peak construction times and for movements of heavy equipment**
 - Completed the Rokeby Line reconstruction without any complaints
- **Promote speed reduction**
 - Completed at all contractor orientation sessions
 - Reminders via weekly construction newsletter
- **Use pre-determined traffic routes**
 - All construction traffic and deliveries instructed to travel via Highway 40 to and from site
- **Develop processes to control gravel, debris, litter and dust**
 - Dust management plan in place
 - Regularly scheduled berm maintenance
 - Road cleaning on an as-needed basis



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 CAD — are linked and generally follow the same expected schedule for engineering, construction, commissioning and start-up in late 2021.

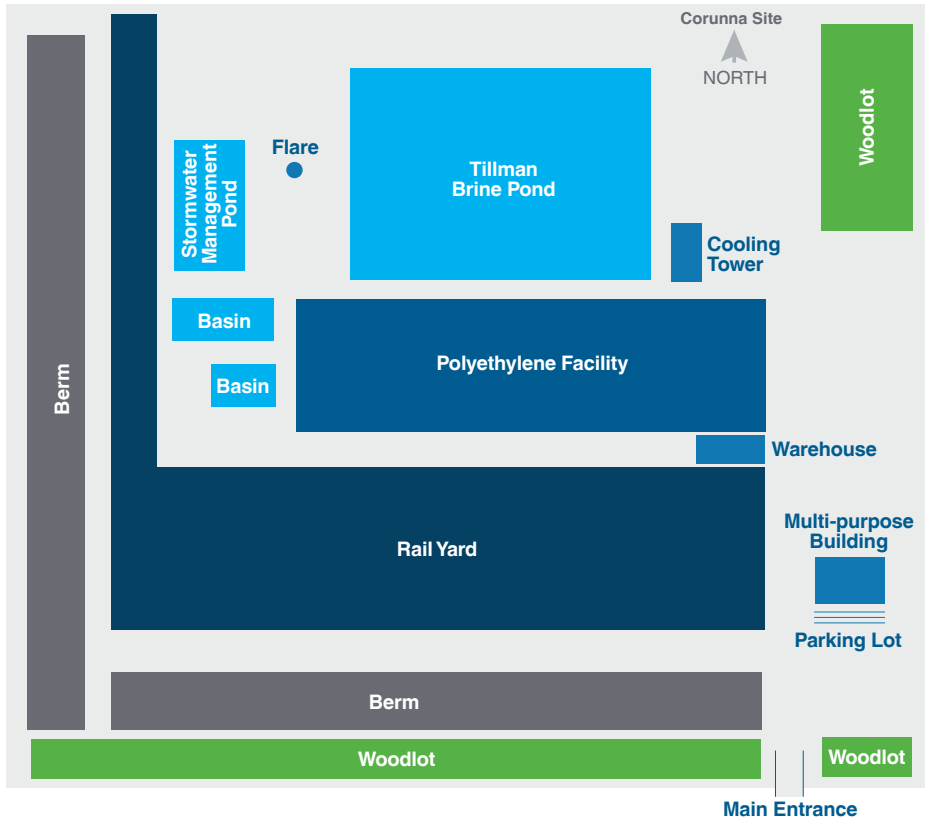


At the future Rokeby Site, work to lay the foundations is well-underway. Concrete pours are ongoing and anticipated to continue into the fall. Interior roadways are soon to be paved and structural work will begin this summer. Approximately 500 tradespeople are currently on site.



Work on the two new heaters at Corunna Site is also progressing. Foundations for the pipe rack are complete and the fabrication of piping is underway. The heater foundations are in progress and anticipated to wrap-up this summer.

Future Rokeby Site Map



Work Hours Awareness

As our projects progress, some construction activities may occur during evenings and weekends.

An afternoon shift (2:00 pm – 10:15 pm) began in June. Currently expected to continue through August, this shift will involve approximately 50 tradespeople. No noisy work (e.g. piling) is planned for this shift.

In keeping with the Township's by-law requirements and our Good Neighbour commitments, NOVA Chemicals and its construction workforce remain mindful of the need to manage construction-related impacts such as noise, light and dust.

2019 Project Milestones

MTO Highway 40 construction	In progress, targeted completion Summer 2019
Foundations/Pilings	In progress, targeted completion Fall 2019
Construction of Multi-Purpose Building	Construction starts Fall 2019
Equipment Deliveries	Begins Summer 2019

First Large Hauls to Arrive this Summer

The first deliveries of equipment will arrive at Rokeby and Corunna Sites this summer. Depending on the size of each haul, community members may experience slow-moving traffic, road closures and, in some cases, electricity interruptions.

Deliveries will typically travel from the Sarnia or Courtright docks to our sites or local fabrication shops.



In Other News

Successful CIAC Reverification

In our last issue we shared that we recently took part in the Chemistry Industry Association of Canada's (CIAC) verification process. 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 was our eighth Responsible Care verification and the results were once again positive with zero findings requiring action. The verification team, comprised of community members and CIAC verifiers, visited our facilities in St. Clair Township, Ont., and Calgary and Joffre in Alberta for in-person interviews over a five-day period. The team then prepared a report summarizing its conclusions, identifying opportunities for improvement and highlighting successful practices.

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.

To read the full report, please visit www.canadianchemistry.ca/verification.



Understanding our Emergency Alarm System

All NOVA Chemicals manufacturing facilities are equipped with an emergency alarm system designed to alert employees, contractors, visitors and the community of emergency situations. The system is tested weekly on Mondays at 12:30 p.m. and consists of three alarm tones.

The emergency alert alarm is a slow hi-lo tone. When this alarm sounds, all work must stop, and employees and contractors report to the nearest emergency alert assembly area for headcount and further instructions.

The site evacuation alert alarm is a quick hi-lo tone. When this alarm sounds, employees and contractors must exit the site by the safest and nearest route to an evacuation area.

The all-clear alert alarm is a steady thirty-second tone. This signals that the emergency is over and work may resume.

The community may see a red flashing light at our gates during some emergency situations. When the light is

flashing, vehicles are required to stop at the entrance and await further instruction.

Stay Informed

Register for emergency notifications via MyCNN, the municipal warning system that can contact subscribers through a method of their choice. 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 MyCNN or to learn more, visit the Community Awareness Emergency Response (CAER) website at www.caer.ca.



Taking Care

Connections is published by NOVA Chemicals Corporation

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

Manufacturing East Communications
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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!

