

# SiteLine

## Joffre Site Community News

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The switch on the tracks to the expanded north rail was opened on May 27 as part of the official turnover to operations.

## Milestone: expanded rail yard now operational

We marked a significant milestone on May 27 when the **expanded rail yard** north of the Joffre Site was officially turned over from our construction team to our operations team. The expanded rail yard will help us meet the approximate 30% increase in the movement of rail cars from our site associated with our expanded Polyethylene 1 (PE1) capacity. The PE1 Expansion Project is scheduled for start-up in the last quarter of 2016. We will be using the track to store the new rail cars (about 450) that will start arriving at the site in August.

Our **North Rail Yard Noise Abatement Strategy** is also in place to meet commitments made to the community at a stakeholder workshop in 2013. The strategy will be regularly assessed to ensure its effectiveness especially as increased shipments begin late in 2016.

On May 27 we followed up on another community commitment. Our employees and contractors, and a group of 1st Joffre Multi Unit (Girl Guides of Canada) came out to the NOVA Chemicals Community Nature Trail to start the planting of more than 9,000 shrubs and trees (largely native) in the area. This will meet our goal of **zero-net tree loss** during our expansion projects (see more pictures on page 3). The 89-hectare (220-acre) Community Nature Trail is a PE1 Expansion legacy project planned for completion and enjoyment by the community and our employees in Fall 2015.

During the week of June 15, our **fifth Responsible Care® verification** got underway. Every three years we undergo a third-party verification through the Chemistry Industry Association of Canada to provide us a perspective on how we are doing in relation to the Responsible Care codes and ethic. We continue to take a leadership role in our industry's commitment to sustainability. Thank you to Joffre Community Advisory Panel (JCAP) member Kathy Pyper for being the community representative on the independent panel. Highlights of the report will be shared with you through *SiteLine* and at a future open house.

At the April 29 Community Open House we provided information on the potential for a **new stormwater retention pond** so that our existing southeast pond can be remediated. Geotechnical work for the proposed new pond is underway. Please see page 2 for more preliminary information on the location, size and regulatory requirements for the proposed new pond. Any input you have on this project or any of our operations is always welcome.

Enjoy your summer and we hope to see you at our **Annual Emergency Preparedness Awareness Community BBQ** on August 6 (invitation page 4).

Rick Van Hemmen, Joffre Site Leader

## New retention pond possible for southeast corner of site

Our existing southeast retention pond collects precipitation and uncontaminated runoff from the site such as groundwater from sumps and drainage tiles. Water from the retention pond is normally re-used in operations once it is softened / clarified. This pond has been in operation for many years and there is some contamination contained within the sediment from historical spills dating back to 1979.

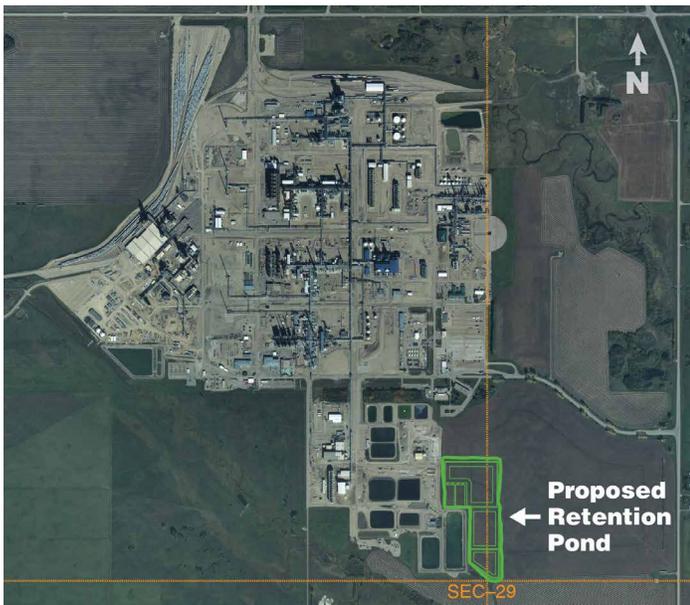
We are at the investigation stage to identify potential locations for a new retention pond. At this time we believe the best location for the pond is directly east of the existing southeast pond. Rezoning of our agricultural land to industrial will be required from Lacombe County before construction could commence.

We will also consult with Alberta Environment once the new pond design is confirmed. We expect to seek an amendment to the Joffre Site *Alberta Environmental Protection and Enhancement Act (EPEA)* Approval.

Required regulatory applications will be filed sometime in the Fall 2015 after we have an opportunity to discuss more project details with you at the Fall Community Open House on October 14 and in the September issue of *SiteLine*.

The new pond will allow us to remediate the existing pond over a period of time using a staged "in-situ" approach to reduce the potential for issues like odour. A new pond, incorporating best practices, will also help the site more effectively capture run-off from major storm events.

**If you have any questions or suggestions about this or any of our site activities, please don't hesitate to contact us through our 24-hour number 403-314-8767 or email [joffresite@novachem.com](mailto:joffresite@novachem.com).**



*The proposed location for the retention pond is directly east of the existing southeast pond.*

## Excellent turnout for April Community Open House

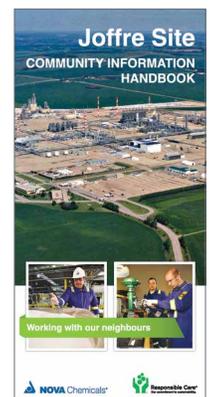


*More than 45 people came out to the April 29 Open House to get updates on our operations and proposed new projects such as the new retention pond (see story at left). The Maskepetoon Community Crime Watch Association display shared information on their activities and how community members can be involved.*

## Fall community visits scheduled

On a regular basis our representatives (EMIC) visit our five-kilometre neighbours to provide information about our facilities, hear from you and update your confidential emergency contact information. Residents on this year's contact list will be visited sometime in September.

Please let us know if your contact information changes outside of these visits. We value our relationships with landowners and neighbours and encourage ongoing communication on all aspects of our operations.



## Responsible Care performance report available

The Chemistry Industry Association of Canada (CIAC) has published its 2015 Responsible Care® performance results. *Delivering on Our Commitments* highlights CIAC members' efforts to reduce emissions, enhance workplace and transportation safety, engage with communities, promote product stewardship and reduce waste. NOVA Chemicals has been a CIAC member for more than 30 years.

To view the report please go to [www.canadianchemistry.ca](http://www.canadianchemistry.ca)

## PE1 Expansion Project Update

### Construction workforce moves toward peak level

We are now more than 30% complete on our PE1 Expansion Project. The number of project workers has been slowly ramping up and by early September we will be at our peak of about 800 for an approximate six-month period.

We continue to have two overlapping shifts operating on a 10-days-on and four-days-off schedule, with hours of work from 7 a.m. to 5:30 p.m. In June we also added a night shift to help offset additional traffic anticipated as part of the workforce ramp-up.

As part of our Good Neighbour strategy, and understanding that area traffic issues are of a concern to our neighbours, we continue to promote carpooling and other proactive measures such as reinforcing courteous driving expectations. We appreciate the patience of the local community during these peak workforce levels.

The Project is now focused on detailed work such as electrical, instrumentation, piping and mechanical systems. The new electricity substation is now completed and tied into our existing system. Pre-engineered buildings and most of the site grading will be complete by the end of Summer.

Start-up of the expanded facility is scheduled for the last quarter of 2016.

### Expanded rail yard turned over to operations

On May 27 the expanded rail yard north of the Joffre Site was officially turned over from our construction team to our operations team. The expanded rail yard will help us meet the increase in the shipment of polyethylene product from our expanded PE1 facility.

The rail yard expansion added 13 km (eight miles) of rail track; we now have a total of 82 km (51 miles) of track at the Joffre Site. (See page 1 for more information.)

For more information on our rail operations, see our fact sheet at: [www.novachem.com/Pages/company/joffre-expansion.aspx](http://www.novachem.com/Pages/company/joffre-expansion.aspx) (under Project Schedule and Progress)



Participants enjoyed a train ride from the new rail yard to the existing yard as part of the official rail yard ceremony.

### Enthusiastic participants at the PE1 Legacy Project tree planting event

On May 27 our employees and contractors came out to the NOVA Chemicals Community Nature Trail to start the planting of more than 9,000 shrubs and trees (largely native) that will meet our goal of **zero-net tree loss** during our expansion projects. The Joffre Site Enviro-Action Team assisted, also providing a safety talk and “how to plant” instructions to all of the volunteers.

The 89-hectare (220-acre), 5-km (three-mile) Community Nature Trail is planned for completion and enjoyment by the community and our employees in Fall 2015.



The land for the legacy project has never been tilled for agricultural use and vegetation includes native grasses, willow, poplar and aspen stands. The wetlands and vegetation offer a great habitat for birds and other wildlife.

See more about the Community Nature Trail at: [www.novachem.com/Pages/company/joffre-expansion.aspx](http://www.novachem.com/Pages/company/joffre-expansion.aspx) (under Project Schedule and Progress)



Guide leaders Angela Jones and Barb Moore helped the 1st Joffre Multi Unit earn their Girl Guides of Canada tree planting badge at this event.



Our Responsible Care Director Jim Dixon nurtured spruce trees into their new home.



JCAP member Jim Robertson and his wife Anna teamed up for the tree planting.

## JCAP featured in *Lacombe County News*

The Joffre Community Advisory Panel (JCAP) was featured in an ad in a recent edition of the *Lacombe County News*.

JCAP has played an important role in shaping the community focus of the Joffre Site and continues to foster positive working relationships with industry, neighbours and the surrounding community.

Raising and discussing community interests and concerns is key — and provides valuable input into our operations. JCAP members are always interested in hearing from the community.

See the JCAP brochure for more information and how to contact members at: [www.novachem.com/Pages/joffre/joffre-community-outreach.aspx](http://www.novachem.com/Pages/joffre/joffre-community-outreach.aspx) (under Talking with you).



Current JCAP community members: (Front row L-R): Mike Marshall, Ken Burden, Jim Robertson; (Back row L-R): Larry Keller, Shawn Morton, Mike Forsyth; Missing from photo: Kathy Pyper, Bert Bell.

## Lacombe County annual site visit

The annual Lacombe County Council and staff visit provides us with an excellent opportunity to discuss site activities and areas of community interest. This year the visit took place on June 9 and we provided an overview of our PE1 Expansion Project status, plans for a new retention pond (see story page 2), as well as other activities in our buffer zone such as the reclamation of the former greenhouse south of the Joffre Site.



### SiteLine is published by NOVA Chemicals Corporation

P.O. Box 5006, Red Deer, AB, T4N 6A1  
Attn. Roxann Good: 403.314.7421

### For more information, please see these websites:

- [www.novachemicals.com](http://www.novachemicals.com) | [www.novachemicals.com/Joffre](http://www.novachemicals.com/Joffre)
- Chemistry Industry Association of Canada: [www.canadianchemistry.ca](http://www.canadianchemistry.ca)
- American Chemistry Council: [www.americanchemistry.com](http://www.americanchemistry.com)



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## A great event for the whole family!

FREE BBQ

As a neighbour within our 5 km-radius, you and your family are invited to the

### NOVA Chemicals' Annual Emergency Preparedness Awareness Community BBQ

Thursday, August 6 at 5:00 p.m.  
at NOVA Chemicals Joffre Site  
Loss Prevention Building 3  
(watch for BBQ entrance signage)

FUN KIDS' ACTIVITIES

Become familiar with the Joffre Site and our level of emergency preparedness. Ask us questions about our "One Site – One Plan". Validate your emergency response contact information with us.

- Tours of our emergency equipment
- Information booths

CHANCE TO WIN PRIZES

**We hope to see you there!**  
**NO RSVP REQUIRED**

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**Responsible Care®**  
Our commitment to sustainability.