

# SiteLine

## Joffre Site Community News

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**Official opening of the NOVA Chemicals Community Nature Trail**  
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## Coming together in the workplace and in our community

The people at the Joffre Site were hit hard by the tragic loss of our co-worker in April. We can't even imagine how difficult this time has been for his family and friends.

In May, our Polyethylene 1 (PE1) Expansion Project leaders **brought the workforce together to reflect on the loss, to recognize earlier project milestones and accomplishments, and to refocus** — to look ahead at our work plan and goals for project completion and commissioning. The safety meetings and recognition lunch proved to be valuable opportunities to reconnect. Now, more than ever, we are determined to finish the project with no additional injury or illness. We remain committed to doing everything possible to keep our workers safe.

Also in May, we turned our attention to the Fort McMurray evacuees who were forced out of their homes by unrelenting wildfires. **To assist our fellow Albertans**, we donated \$200,000 to the Canadian Red Cross Alberta Fires Emergency Appeal. We are also matching employee contributions to this fund.

In our community this Spring, 60 of our employees **volunteered to help out with the MasterCard Memorial Cup** bolstering our company's volunteer sponsorship for this high-profile event (page 2). We also marked the **18th year our employees and their families helped to dig in** at The City of Red Deer's Urban Forestry Project (page 4). These were just a few of the ways we joined our community in some very important quality of life initiatives.

The official opening of the **NOVA Chemicals Community Nature Trail** on June 9 brought government and community representatives together at this wonderful place where we can all refocus and connect with nature (page 3). We are all extremely proud of this PE1 Expansion environmental legacy project.

During the last few months, many of us have taken time to reflect on what the support of our co-workers, our family and friends, and our community means. We greatly appreciate being part of this community.

**Rick Van Hemmen**, Joffre Site Leader



### Supporting local 4H activities

NOVA Chemicals took part again this year in the May 4H Lacombe & District Council Beef Sale. We purchased the Supreme Grand Champion Steer, owned and proudly shown by Travis Chessor. Travis is pictured (left) with Jim Dixon our Director of Responsible Care.

## PE1 Expansion Project update

# Commissioning underway for start-up by year end

Within several months, construction will be complete on the \$1 billion PE1 Expansion Project. With mechanical completion expected in late Summer 2016, commissioning and start-up plans are well underway. We are on target for start-up of the facility in the fourth quarter of 2016.

There are currently about 600 workers on site completing the construction work. This compares to a peak construction workforce of about 800 in the earlier part of 2016. As manpower on the project decreases during the next months, there will be less traffic entering and exiting the site. Some temporary structures such as the lunch trailers will be removed and the equipment and material laydown areas will be emptied as the final pieces of equipment are installed.

As with all of our operations, the commissioning and start-up activities will be conducted with the utmost care and consideration for safety, the environment and our surrounding community. For example, in keeping with our Good Neighbour Strategy, we are monitoring noise levels as key pieces of equipment are started-up. As commissioning activities continue into the early Fall, vapour and steam will be visible as systems are energized and tested before start up of the new facilities. In mid-June, the flare pilot was lit and may be visible at night.

Our Rail Operations, Logistics and Planning Teams are working together to optimize the use of our expanded rail yard and new on-site product loading facility.

The expansion will allow us to increase our polyethylene production capacity by about 40%. PE1 will employ an additional 25-35 permanent and 15-25 contract workers.



*One of the final steps in construction is the completion of rail tracks at our new on-site loading facility. More than 1,200 new rail cars have been commissioned to take additional polyethylene capacity to our customers. A new locomotive is also on site.*

## At the end of the day, we're all on the same team!

Through our sponsorship, NOVA Chemicals was proud to support the 540 volunteers — 60 from NOVA Chemicals — who helped make The MasterCard Memorial Cup held in Red Deer in May an outstanding success.

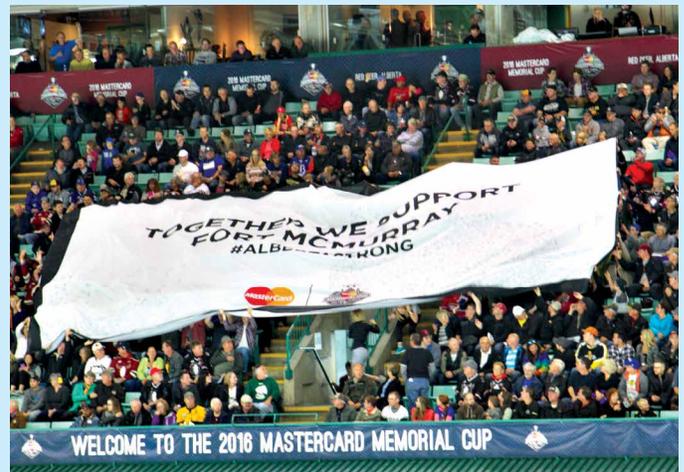
The Host Organizing Committee noted in their thank you to volunteers: "To NOVA Chemicals your support of our volunteers

for the event was spectacular and having 10% of our volunteers come from your organization is something to be proud of. You really made a difference."

Outstanding events such as this — supported by wonderful volunteers — bring us all together as a community, and contribute substantially to economic activity in Central Alberta.



*More than 540 volunteers helped make this event an outstanding success*



*Proceeds from the nightly 50:50 draws went to the Fort McMurray Relief Fund and to local community agencies.*

## PE1 Expansion environmental legacy project

# Official opening of Community Nature Trail marks National Environment Week

While NOVA Chemicals Community Nature Trail was opened in October 2015 for the enjoyment of the community and our employees, the official opening event in June during Environment Week brought out more than 100 guests. Community representatives and local, regional and provincial government officials, joined our leaders and employees at this wonderful natural setting.

Included in the day's events were tours of the trails and our operating site, as well as the opportunity to contribute to the planting of another 1,000 seedlings to enhance the area's vegetation and meet our commitment of zero tree loss from site expansion activities.

Our Senior Vice President Naushad Jamani noted at the opening event: "The area of the Community Nature Trail was a 'diamond in the rough' that was not accessible to the community or employees. Opening the area through the nature trail continues to safeguard this environmental resource while enhancing its wildlife habitat, protecting native vegetation and wetlands."

Our project theme "Taking Care with Our Land" is the basis for interpretive signage along the five-kilometre trail system at the 89-hectare area just north of our Joffre Site. The area demonstrates how wildlife habitat / agricultural / industrial / recreational land uses can exist harmoniously together.

The Community Nature Trail — an environmental legacy project for the PE1 Expansion Project — is open to the public year-round.

Haven't been to the trail yet? We've posted a short video to YouTube showing the spectacular area:

<https://www.youtube.com/watch?v=Tcrp4nUsUuc>

We also have visitor information on our website:

[www.novachem.com/Pages/joffre/joffre.aspx](http://www.novachem.com/Pages/joffre/joffre.aspx)



*A number of Alberta Members of the Legislative Assembly (MLAs) toured the nature trail as well as our Joffre Site operations.*



*Among the guests were representatives from the 2019 Canada Winter Games Host Society. NOVA Chemicals is the Sustainability Pillar Sponsor for the games and the Red Deer College Health, Wellness & Sport Centre.*

## Our Community Nature Trail was an Emerald Award finalist

We were proud to be an Alberta Emerald Award finalist this year in the Large Business category for NOVA Chemicals Community Nature Trail.

Congratulations to ConocoPhillips Canada for receiving the award for their implementation of energy efficient technology at well sites and facilities thus making a significant reduction in the company's greenhouse gas emissions footprint. Our hats off to all finalists and winners in all of the categories.

The 25th Annual Emerald Awards, presented by the Alberta Emerald Foundation, a non-for-profit charity, "recognize, celebrate and inspire environmental excellence across all sectors in our province."



**EMERALD AWARDS**  
Finalist

## Our Manufacturing East operations receive an environmental award

NOVA Chemicals is pleased to have received an award for environmental excellence from the Ontario Ministry of Environment and Climate Change this Spring.

We were recognized for the work to transition our Corunna ethylene facility from oil-based to primarily ethane-based feedstock. We have already realized significant reductions in emissions of sulfur dioxide and nitrogen oxide (key air pollutants) and carbon dioxide (a greenhouse gas).

Minister's Award for  
**Environmental Excellence**

*2015 Award Winner*

## Regulatory update

**New retention pond receives approval from Alberta Environment and Parks:** Early in May, we received an amendment to our Approval under the *Alberta Environmental Enhancement and Protection Act* to allow construction of the new retention pond to be located directly east of the existing southeast pond. The construction contract for the pond was awarded to CHEMCO and work is now underway with an estimated completion in November 2016. If you drive by the Joffre Site, you will see the temporary safety fencing outlining the construction area.

Heavy equipment uses an access at the south side of the site adjacent to the former greenhouse property. Day-to-day traffic associated with pond construction is using the main access gate.

For details on the pond please see our fact sheet at: [www.novachem.com/pages/joffre/joffre.aspx](http://www.novachem.com/pages/joffre/joffre.aspx)

## Excellent turnout for Spring Community Open House

About 35 people came out to our Spring Community Open House. A variety of operations and community topics were covered in the display materials at the event, including our 2019 Canada Winter Games Sustainability Pillar sponsorship.

Another comprehensive display covered pipeline safety — NOVA Chemicals operates four pipeline systems in Alberta, Saskatchewan and North Dakota. The systems safely transport feedstocks and other products essential to the operations of NOVA Chemicals and others in Alberta's petrochemical industry.



### SiteLine is published by NOVA Chemicals Corporation

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### 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)



## Taking Care In Action Team kicks into high gear

Our Taking Care In Action Team (formerly the Joffre Site Enviro-Action Team) helped coordinate NOVA Chemicals' recent participation in The City of



Manufacturing West  
**Taking Care In Action**

Red Deer's Urban Forestry Project. This Spring's event marked the 18th year our employees and their families helped to dig in — planting 819 trees and shrubs in the Glendale Natural Area. The project benefits the area's air quality, biodiversity and wildlife habitat and corridors.

This Spring, the team also co-ordinated volunteers' participation in the Adopt-A-Highway Program. Six youth groups swept the ditches along 28 km of highway as part of our partnership with Alberta Highways and Lacombe County. On June 5 — World Environment Day — the team and employees kicked off National Environment Week partnering with the Kerry Wood Nature Centre for the annual Red Deer River Clean-Up. Our employees along with family and friends were among the over 160 community members who enjoyed a family BBQ hosted by NOVA Chemicals.

Our Taking Care In Action Team is a truly dedicated and energetic group of volunteers. The team's mandate is to encourage employee engagement in a variety of our own initiatives as well as community events increasing the overall awareness of NOVA Chemicals' commitment to Responsible Care, environmental stewardship and sustainability.

Way to take care, team!

