

SiteLine

Joffre Site Community News

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“Our 40th anniversary year provides a unique chance to reflect on the difference we have made over the years working together with dedicated people from every corner of the community.”

Rick Van Hemmen



2019 is shaping up to be an amazing year for NOVA Chemicals' Joffre Site and Central Alberta. As the site entered 2019, preparing to celebrate a 40th milestone anniversary, I had already begun to transition into another role in the company. This is an opportunity for me to reflect on my tenure here, how much I have enjoyed representing Joffre Site leadership as the liaison to you the community and share how proud I am to have participated as a sponsor and volunteer within the 2019 Canada Winter Games (The Games).

The Joffre Site has a strong tradition of environmental leadership and as a community collaborator and partner. Our Platinum Sustainability sponsorship for both The Games and the construction of the Gary W. Harris Canada Games Centre is the most recent example of the power of this type of engagement to create a life-shaping experience for so many here in Central Alberta.

Joffre Site employees have long demonstrated a phenomenal sense of community. Our 40th anniversary year provides a unique chance to reflect on the difference we have made over the years working together with dedicated people from every corner of our community. This reflection focuses on The Games; earlier newsletter publications have featured numerous other investments and initiatives with positive impact on the community.

In this 40th anniversary year, I am confident the site will continue to move ahead with the same spirit and ethic that built this world-class petrochemical site. Our focus on safe, reliable and competitive operations is unwavering. From a business perspective, we have momentum for the future and our company's growth plan in North America is positioning us well for the future. Underpinning it all, we have incredible people. The site will continue to manage our business reflecting



Pin collecting goes hand-in-hand with sporting activities. Rick “sporting” his collection as one of the “star” pin collectors.

our commitments to sustainability, Responsible Care® and taking care in the community. Thank you for your continuing engagement. We have long appreciated your support, your patience and your ongoing input into our operations.

It has been a distinct privilege for me to be the site's leader and community liaison for about a decade. I would like to thank Lois Erichson, who has done a great job stepping into the site leader role on an interim basis, while the selection process is underway for a permanent replacement. I know you will greet the eventual successor with the same warm Alberta welcome I received when coming to the site. Farewell...

A handwritten signature in black ink, appearing to read 'Rick Van Hemmen'.

Rick Van Hemmen, Joffre Site Leader

2019 CANADA WINTER GAMES

Held in Red Deer
February 15 to March 3, 2019

Canada's largest multi-sport and cultural event

Hosted in a different Canadian province or territory every two years

18 Days / 19 Sports / 13 Venues



3,600 athletes



100,000 spectators

5,000+ volunteers



26,000+ visitors to festival grounds



5 million viewers across Canada



240 million+ social media hits



PLATINUM SPONSOR
COMMANDITAIRE PLATINE

NOVA Chemicals was the **Platinum Sustainability sponsor** (\$2 million) for The Games and the construction of the Gary W. Harris Canada Games Centre located at Red Deer College.

We contributed to sustainable practices and assets, while leaving a positive legacy for future generations.

A sustainability legacy

Our investment in the Gary W. Harris Canada Games Centre resulted in the **NOVA Chemicals Waskasoo Creek Nature Walk — 150 trees** were planted along the Walk as part of the unveiling



Some of our other initiatives

Mitts for Many Program — 3,000+ mittens, toques and scarves were donated by visitors and participants in support of The Mustard Seed



Pedal for Power Program — visitors generated **102.5 wh** of energy from **854 laps** over a distance of **342 km**



Donations — bench/garbage bin made from recycled plastic, **3.5 km of surplus cable** enabling lighting for cross-country skiing and **surplus furniture/equipment** for The Games Volunteer Centre

10,000 branded merchandise bags made from recycled plastic



Thermal reusable lunch bags made of recycled plastic — given to the **3,600 athletes**, cutting down on unnecessary waste

We had a prominent presence at The Games

Our employees are passionate about lending a hand at activities and events that are important to Central Alberta where we live and work. This February was one of the coldest on record in Alberta in recent years, with more days hovering in the -30°C range in 2019 than in the last 40 years! But, that didn't stop our employees from volunteering.

71 proud, enthusiastic NOVA Chemicals volunteers — 2,800+ hours invested in this wonderful community building event



NOVA Chemicals Exhibit / Plastics Makes It Possible® Tiny House



~ 20,000 pins and lanyards handed out

9 employees
54 hours
~5,000 visitors at our exhibit



>4,500 visitors to the Tiny House exposed to energy efficiency through the use of plastic products messaging

26 communities hosted torch relays — NOVA Chemicals participated in three (Calgary, Red Deer, London)



Rick Van Hemmen carrying the torch during a final portion of the Relay in Red Deer

What did it mean to you to represent your home town in the torch relay? My wife and I moved to Red Deer 11 years ago. It didn't take long for this place to feel like home. I was thrilled and honoured to represent the people of Red Deer.

What does the Roly McLenahan Canada Games Torch represent? Passing the torch across the country reflects our desire to come together as unique individuals, cities and provinces in areas of common interest that I hope can extend well beyond sports.

What was your favourite part of the experience? The entire process was amazing. I loved the way all the torchbearers took the time to enjoy the ritual of the torch handoff, and especially enjoyed the visible community support.

How else are you involved in your community? I consider myself a perpetual volunteer. Most notably, I have been a board member and President of the United Way of Central Alberta, and for the last 3 to 4 years I have sat on a few committees focused on sustainability within the 2019 Canada Winter Games.

We're honoured to have been part of the 2019 Canada Winter Games as The Games Host Society presented the best of Central Alberta to our Nation. **Sustainability is a team effort!**



Regulatory update

Early in 2018 we submitted applications for Renewal of the site's 10-year Operating and Waterworks System Approvals. We anticipate receiving comments from Alberta Environment (AEP) on the application in the near future. Once AEP deems the applications complete, notices will be placed to allow for public review. A fact sheet highlighting the Overview Section of the Operating Approval renewal application is available on our web site: www.novachemicals.com/Joffre.

Regulatory approvals under the Alberta Heritage Resources and Federal Fisheries Act have been received for the Red Deer River Bank Slope Erosion project. The access road was completed in 2018 and repair work to reinforce the river bank will commence in the summer following regulatory approvals under the Alberta Water Act and Public Lands. The activity will be visible, but not impact recreational usage of the river.



On the occasion of our 40th anniversary, here are a few Joffre Site milestones from the 1970s and 1980s:

- 1979** Ethylene 1 (E1) was brought into operation at the beginning of August, one month ahead of schedule. August 4 marks the first molecule of ethylene down the Pipeline from E1. E1 was officially opened on October 22.
- 1982** The community liaison group FARM-AGE (now Joffre Community Advisory Panel (JCAP) was formed.
- 1984** PE1 started up on June 22, E2 was brought into operation on June 29.
- 1986** The Canadian Chemical Producers' Association (now the Chemistry Industry Association of Canada) launches its Responsible Care program. We are instrumental in the program's development.
- 1987** The Hydrogen Off-Gas Facility (HOG) started up in the Spring to supply high purity hydrogen for the manufacture of ammonia-based fertilizer. Started up polyethylene pelletizer unit and comonomer recovery facility. Debottlenecked E2.
- 1988** Debottlenecked E1 and PE1 to increase production capacity.



Alliance to End Plastic Waste

NOVA Chemicals has joined the Alliance to End Plastic Waste, a global alliance to advance solutions to



reduce plastic waste in the environment. The Alliance is the most comprehensive, cross-value chain initiative of its kind and includes companies that make, use, sell, process, collect and recycle plastics, together with the World Business Council for Sustainable Development. Taking care of the environment is not new to us and we are already taking action to prevent plastic from reaching the ocean. In 2018 we announced support for Project STOP, working to find high-impact solutions to prevent plastic pollution in critical locations around the world.



Community Open House

- Date:** Monday, April 29, 2019
- Time:** 5:30 to 6:30 p.m. "Drop in to Chat"
6:30 to 7:30 p.m. Presentation/Discussion
- Place:** Haynes Hall (Travelling east on Highway 11, turn north (left) on Range Road 244 for 3.3 km to Township Road 390. Cross over 390 and take first left into parking lot of Haynes Hall.)
- Refreshments will be served**
- Agenda:**
- Get business and facility operations updates
 - Discuss any topic of interest
 - Provide your input and suggestions
 - Fun science experiments for kids

We hope to see you there!

SiteLine is published by NOVA Chemicals Corporation

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For more information, please see these websites:

- www.novachemicals.com | www.novachemicals.com/Joffre
- Chemistry Industry Association of Canada: www.canadianchemistry.ca
- American Chemistry Council: www.americanchemistry.com

Connect with us!

