

SiteLine

Joffre Site Community News

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Greetings of
the Season and
Best Wishes for
the New Year

From all of us at
the Joffre Site

Highlights of what's inside...

2019 Highlights:
In our community..... 2 & 3

Red Deer River Bank Slope
Erosion Project 4



**We got our start in
Alberta four decades ago.**
1979 marks the commissioning
of our first ethylene plant at the
Joffre Site and the delivery of
the first molecule of ethylene to
our customers.



40 successful years; a solid foundation to continue to build on

My first four months at the Joffre Site have been truly amazing and a clear validation that I made the right choice in joining the NOVA Chemicals' family and in relocating to Central Alberta. As we close out 2019, I'll share a few of my early impressions.

There is no question our industry and company face numerous challenges. What made us successful 10 years ago isn't the same formula that will move us forward in the next decade. As we have evolved through change before, working with the site's leadership team and employees I am confident we will continue to find creative ways to remain competitive on the world stage. The same pride, dedication and innovative spirit that created the first 40 successful years here is a solid foundation to continue to build on.

The site's annual United Way Fundraising Campaign Kick-off event was one of my very first interactions as site leader. And what an interaction — I got to 'meet' 650+ employees/contractors, United Way staff, cabinet members and client ambassadors. I have been involved in the United Way in various locations over the past 25 years and this was a welcome and familiar opportunity. After hearing the Captain herself — Kath Hoffman, Executive Director of Safe Harbour Society at our kick-off I was reminded "we don't just invest in this community, we are a part of this community". We are a safety minded organization and Kath drew important parallels with how she and the staff at Safe Harbour continue to shine a light on those in need and help to keep them safe. During the campaign, as part of the Day of Caring™ Program, I had the opportunity to volunteer at Turning Point. Another organization working diligently on harm reduction and keeping the most vulnerable of our community safe.

I had the pleasure of meeting some of the community at the September Joffre

Community Advisory Panel meeting and October Community Open House. Talking with you and hearing your history, concerns and ideas is important and I truly value your candor and interest. Thank you for the warm and genuine welcome!



The community has shown a keen interest in plastic sustainability and as a plastics producer we view this as a critical conversation. Sarah Marshall, NOVA's new Sustainability Director, attended the Open House to talk about her role working with supply chain partners, customers, government officials, industry associations and others to help create innovative solutions for plastics recycling and recovery. This is a critical juncture for our industry as we work to advance the important role of plastic for society and, at the same time, strive to create a world free of plastic waste. We recognize the role of business as a positive catalyst for change and I'm passionate about continuing the conversation.

I hope you enjoy this edition of *SiteLine* including highlights of our community investments, engagement and enhanced efforts to reduce plastic waste in the environment. As I look ahead to 2020, all of us at the Joffre Site are proud to be a vital part of this community. Season's greetings and best wishes for the New Year!

Mark Hodson, Joffre Site Leader

2019 highlights: investments and involvement in our community

Another exemplary year for our annual Joffre Site United Way Campaign



Dancing to the tune of \$716,565*

Halloween is a time for costumes and treats! This year, our new Joffre Site leader Mark Hodson donned his tux and dancing shoes to take dance lessons from United Way CEO Brett Speight (aka Celebrity Dance Coach). Brett scored Mark on each of the three steps taught and coincidentally the scores were the reveal of our annual campaign — \$716,565* (includes generous donations

from employees, retirees and NOVA Chemicals matching dollars). This year's campaign brings our cumulative total to over \$9.5 Million to the United Way Central Alberta.

The volunteer commitment to our campaign remained high with more than 100 employees helping canvass their co-workers and hosting fun events across the site.



Campaign volunteer John Kennedy and site campaign mascots: Joffre John and Joffre John John.



Technical Services Team hosts "beef on a bun" event. Events like this not only raise funds for the campaign, but also build comraderie, keep the United Way messaging alive and keep fun in the campaign.

**Traditionally, our campaign continues to grow after our wrap-up event and to date our campaign has raised \$738,349.*

Helping out community agencies through the United Way Day of Caring Program

173 employees volunteered over 1,200 hours lending a hand up to 28 not-for-profit agencies

An essential aspect of our annual United Way Campaign is our participation out in the community, helping agencies with a variety of activities that will help them deliver their services better. The dollars saved through this "free labour" can be re-directed into agency programming. Projects included building walkways, painting, yard work for seniors, making "smile" cookies, sorting, cleaning and much more. These pictures tell it all including the pride our employees take as they lend a hand up.



During a recent United Way Day of Caring, a group of employees spread new mulch at the NOVA Chemicals Imagination Grove. One Kerry Wood Nature Centre representative said: "The community LOVES the NOVA Chemicals Imagination Grove and so do we."

NOVA Chemicals receives United Way Award of Excellence for 2018 campaign

We were honoured to receive the Award of Excellence from the United Way Central Alberta to acknowledge the success of our 2018 employee campaign and our long-standing support for our “charity of choice” which over the years has raised nearly \$9 million through employee contributions and corporate matching. NOVA Chemicals’ employees contributed 37% to the overall 2018 United Way Campaign.

Our employees and leaders are also keen volunteers in the annual United Way Day of Caring Program.

In accepting the award, Rich Stonehouse acknowledged our campaign successes, “I can only imagine the positive impact our three quarters of a million dollars along with the nearly 1,600 hours of free labour has on agencies and the programs they support.”



Earlier this year, Campaign Co-Chair Rich Stonehouse was thrilled to accept this Award of Excellence for NOVA Chemicals from United Way Co-Chairs Ron Sauve (far left) and Linda Wilson (far right) and Brett Speight, UW CEO (centre).

Community learns more about our Sustainability journey at Open House

More than 50 people joined us at our Fall Open House October 9 to discuss our operations and environmental performance. The community event was complemented this year with the introduction of our new site leader, Mark Hodson and our guest speaker Sarah Marshall, new Director of Sustainability for NOVA Chemicals.



The community appreciated Mark Hodson’s direct engagement with them before and after the presentation.



Sarah Marshall, Sustainability Director shared our sustainability strategies for the future. “What we do inside the company isn’t enough — we have to look beyond.”

Users are enjoying NOVA Chemicals’ Community Nature Trail

“My family and I are regular users and very much enjoy this Trail system. Thank you for providing it.”

“I walked the entire trail this morning — very impressive. Thanks NOVA, it’s my new favourite walk now.”



During the September Joffre Community Advisory Panel (JCAP) meeting, members toured the NOVA Chemicals Community Nature Trail and in particular the Naturalization of the Pond area — a project commemorating the Joffre Site’s 40th anniversary. Following a walk to the pond area, community members took in the bee activity at the bee hotel and enjoyed lunch in the picnic area of the Trail.

NOVA Chemicals enhances efforts to reduce plastic waste in the environment

NOVA Chemicals is proud to be the first Canadian-based company to publicly pledge its commitment to Operation Clean Sweep® Blue (OCS Blue). The program is an enhancement to NOVA Chemicals’ ongoing sustainability efforts to further eliminate plastic pellet spills and reduce plastic waste in the environment.



“Our commitment to OCS Blue is another important step toward supporting the plastics circular economy and creating a world free of plastic pollution, starting with the pellet,” said Sarah Marshall, Director of Sustainability, NOVA Chemicals.

Learn more about NOVA Chemicals’ long-term vision for Sustainability by visiting our 2018 Sustainability Report at www.novachemicals.com.

Joffre Site supports Career Day Program

As part of our educational investments, on November 6, 23 students joined their parents and employee volunteers at work at the Joffre Site. The students engaged in career exploration activities including one-on-one mentorship in a variety of workshops like Responsible Care, engineering, operations, maintenance and occupational health.



Red Deer River Bank Slope Erosion Project

Inspections identified erosion on the high lift pond's toe slope at the Red Deer River. Left unchecked, this could affect the integrity of the high lift pond. Subsequent to the design and regulatory authorizations (Federal and Provincial) in 2018, construction started in August, 2019 with the placement of a turbidity curtain to minimize potential release of sediment into the environment. A qualified Environmental Aquatic Specialist was in the field to measure turbidity into the river downstream of the curtain and we achieved the desired performance. Final stages of the project added habitat enhancement features including boulder clusters in the river, willow plantings along the slope, an access ramp and final slope hydroseeding.



Slope repair involved reinforcing the river bank with class 1 and 2 'rip rap' rocks.



The JCAP group toured the River Water area and project construction during our September meeting.

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



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On the occasion of our 40th anniversary, here are a few Joffre Site milestones from the 2010s:

- 2012** PE1 Expansion Project announced.
- 2013** NOVA Chemicals Community Nature Trail legacy project announced.
- 2014** Now using incremental ethane feedstock from oil sands upgrading and ethane supply from the Williston Basin. Refurbishment of five E2 furnaces underway. Signature sponsorship of the NOVA Chemicals Imagination Grove. 
- 2015** Expanded north railyard officially turned over to operations. 8,000 trees and shrubs planted at NOVA Chemicals Community Nature Trail.
- 2016** \$1-billion PE1 Expansion project marked the first linear low density polyethylene reactor start-up in the America's in a decade.
- 2017** 100% owned by Mubadala Investment Company following a merger with IPIC. Announced Educational Pollinator Trail at NOVA Chemicals Community Nature Trail. Joffre Site United Way Campaign reached just over \$8-million donated since campaign start in 1995.
- 2018** New stormwater retention pond commissioning completed. NOVA Chemicals presented with 2018 PAMZ Blue Skies Award. Announced \$2 million (USD) to prevent plastic debris from reaching the ocean by investing in Project STOP.
- 2019** Founding member of the Alliance to End Plastic Waste, an industry alliance with a commitment of investing \$1.5 billion (USD) over five years to help eliminate plastic waste in the environment. Sponsorship of the 2019 Canada Winter Games including our exhibit with the American Chemistry Council Tiny House and their *Plastics Make It Possible*™ Campaign. 

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