

SiteLine

Joffre Site Community News

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Highlights of what's inside...

Investing in our communities.....	2
AST1 and E2 Goal ZERO	2
MW Sustainability Action Team.....	3
AST1 100,000th hopper car milestone	4
Dog races at the Trail	4

This year, I celebrated my third anniversary at the Joffre Site. Not long after my arrival, I attended my first open house. Then shortly after that, COVID shut things down. This year was a year of re-engagement for everyone. After nearly two years of no in-person community outreach events, it felt great to reconnect with you again. Our Fall open house was unique in that the low turnout allowed for a small round-table, conversational approach. I enjoyed the dialogue.

Since May, I have been enjoying reconnecting with our employees who had been working from home. In early November, we celebrated being together again with a company BBQ at Westerner Park and each employee received tickets to enjoy the Canadian Finals Rodeo.

JCAP had a busy year! 2022 marked their 40th anniversary serving the Joffre Site. In September, JCAP members toured our Centre for Performance Applications (CPA) in Calgary providing them insight into our innovation and technology all in the spirit of an understanding of our commitment to sustainability and product quality assurance and satisfaction for customers. They learned more about caps and closures, and our nine-layer film.



JCAP member Jim Robertson (with Mark Hodson) learns about nine-layer film.

We also celebrated a few milestones inside our gates—AST1 and E2 celebrated three years with zero recordables. Not all of our milestones are safety related, recently AST1 loaded its 100,000 hopper car with pellets. In April, 2001 AST1 loaded a hopper car for the first time with AST1 pellets. Fast forward 21 years, on October 16, we loaded a hopper car with polyethylene resin marking the milestone. The pellets then headed to a customer in Vancouver.

Recently, we had our senior VPs visit with employees across the Joffre Site. Their response to the visits with employees was one of pride and a sense of family. That employee pride is evident in this year's United Way campaign—another successful year raising over \$580,000, bringing our cumulative total to over \$11.6M. I applaud this achievement and thank our generous employees for helping make communities where we work and live stronger.

On the operational side of things at Joffre, we had a successful E3 turnaround and AST1 maintenance outage. Planning is well underway for our 2023 E2 turnaround. As always, our attention to operational impacts for our neighbours remain a priority.

I hope you enjoy this edition of *SiteLine* including a summary of the numerous initiatives of our MW Sustainability Action Team, highlights of community investment and our employees lending a hand up in our community.

Season's greetings and best wishes for the New Year!

Mark Hodson, Joffre Site Leader

*Wishing you a
sparkling holiday
season and a brilliant
New Year!*

From all of us at the Joffre Site

INVESTING IN COMMUNITIES WHERE WE WORK AND LIVE

United Way 2022 campaign another success!

At a recent employee town hall, our senior executives helped us with an early reveal our United Way campaign results. Since the reveal total of \$545,431, our campaign has now grown to over **\$580,000** which includes employee and retiree pledges, and NOVA Chemicals' matching dollars.



Central Alberta Child Advocacy Centre sponsorship

Recently, Mark Hodson, VP Manufacturing West and Mona Jasinski, Senior VP Communications and HR, toured the Central Alberta Child Advocacy Centre construction site and delivered a sponsorship cheque to Mark Jones, CEO. This Centre of Excellence is inspiring with a continued commitment to protect the youth of Central Alberta. Scheduled to open August, 2023, the agency's model of recovery and prevention means that tomorrow will be a brighter day for the youth in Central Alberta.



L-R: Brad Dufresne (Agency Fundraising Campaign), Stuart Cullum (Red Deer Polytechnic President), Mark Hodson, Mona Jasinski, Mark Jones (Agency CEO), Terry Loewen (Agency Fundraising Campaign and Board Chair).

2022 United Way Day of Caring™

In addition to the campaign dollars, 160 employees spent more than **1,200 hours** in the community this Fall, lending a hand up to 19 agencies doing all sorts of chores—scrubbing and cleaning, minor maintenance repairs, and yard winterization.



ZERO is Possible

At NOVA, we say “Safety is not a goal, but a part of everything we do.” That doesn’t mean we don’t celebrate milestones... **This Spring AST1 and Ethylene 2 (E2) celebrated three years with ZERO recordables!**



AST1's milestone is an incredible achievement made possible through shared work, dedication and strong commitment to working safely every day. AST1 employees embraced NOVA's Nature and came together as one, looking after each other and genuinely caring about the well-being and safety of all their colleagues.



E2's milestone is a demonstration that all disciplines of E2 employees have a strong safety culture focusing on all aspects of Responsible Care®, ensuring work is executed safely every day and ensuring their friends and colleagues go home safe at the end of each day.

**GOAL
ZERO**

0 INCIDENTS
INJURIES
ILLNESSES

Manufacturing West Sustainability Action Team (SAT) 2022 activities



Manufacturing West
Sustainability Action Team

SITE INITIATIVES

LUG YOUR MUG CAMPAIGN

Nearly **500 employees** and **50 contractors** have pledged to use a reusable mug at work instead of disposable cups. This could **divert 180 tonnes/year of waste from landfill**. In a pre-COVID year, ~400,000 disposable cups were used at Joffre Site. Employees who pledged received a free YETI mug.

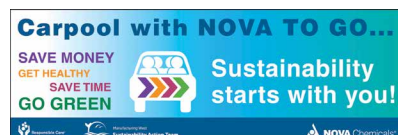


COMPOSTABLE CUPS TO BE INTRODUCED AT SITE

We are in the process of transitioning to compostable coffee/tea cups for when required (eg. visitors) to help keep disposable cups out of landfill.

BIKE SHARE INITIATIVE

Encourages employees to “**Take. Ride. Return.**” bicycles supplied by MW SAT to reduce the use of vehicles around the Joffre Site.



CARPOOLING

Our carpooling app NOVA TO GO was reactivated “post COVID-19” with a

current promotion to get site residents used to the tool again.

RETHINK RECYCLING INITIATIVE

Ongoing promotion and awareness of our on-site recycling program, including “Did You Know” recycling tips communicated to employees.



BUILDINGS 1 AND 2 ENERGY AUDIT REPORT AND RECOMMENDATIONS

Recommendations for improvements to reduce energy in buildings 1 and 2 will be incorporated into our 5-year plan to optimize energy use in both buildings.

BUILDING 3 UPGRADED TO LED LIGHTING

COMMUNITY ACTIVITIES

ADOPT-A-HIGHWAY CLEAN-UPS

14 Central Alberta youth groups were sponsored for 2022 Spring and Fall highway clean-ups. \$1,000 was raised for each group with **35 km of ditches cleaned** on Highway 11, Highway 815, Twp 39-0 and Freedom Road.



GREAT CANADIAN SHORELINE CLEANUP

On September 24, NOVA employees and family joined 100 community members to collect **over 70 bags of litter** along the banks of the Red Deer River. As sponsors, **NOVA provided the main event prizes**. Twice a year, NOVA participates along with the community to clean up the banks of the Red Deer River. The Spring clean-up netted **32 bags of trash**.



GREEN DEER ANNUAL SPRING CLEANUP

We encouraged employees, contractors and their families to pick up litter as part of Kerry Wood Nature Centre's Red Deer annual spring cleanup.

RED DEER TREE PLANTING

28 volunteers helped plant 828 saplings as part of the Red Deer Community Reforestation Program. NOVA employees and family members have planted **over 15,500 tree seedlings in the last 24 years** at various locations within The City of Red Deer.



New resin sweepers deployed at our polyethylene units

As part of our commitment to Operation Clean Sweep®, we have deployed new mechanical sweepers at our polyethylene units to ensure that resin can be quickly and efficiently cleaned up.



Fall Open House...small but mighty



The small turnout to our November open house was not a deterrent for community dialogue, but rather enabled a casual and meaningful conversation with community members in attendance. The event, co-hosted with INEOS, included updates on our 21st annual environment report, and our Emergency Services and Security programs.



Our young engineers-in-training shown here inspiring open house youth attendees with genScience experiments. L-R: Seaghan Abreo, Shaun Kolody and Ariel Kim.



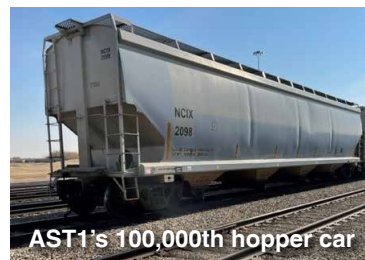
Joffre Site ES&S Coordinator Colin Inglis provides one of our neighbours an overview of our Emergency Services including our Emergency Community Notification System.

AST1 reaches a milestone

On October 16, 2022, NOVA Chemicals first Advanced SCLAIRTECH™ technology facility (AST1) produced its 100,000th hopper car of polyethylene resin!

Quality control and continuous improvement:

Many quality assurance and quality control improvements have been made at AST1 since its first polyethylene resin was produced in 2001. Back then, we focused on a small scoop sample from each hopper car, which required a significant amount of in-lab testing. Today, our At-Line equipment automatically samples and tests the process every 3 to 5 minutes, which provides continuous monitoring and trending to help ensure that AST1 continuously provides our customers with reliable and consistent quality polyethylene resin.



AST1's 100,000th hopper car

Annual dog races hosted at our nature trail

NOVA Chemicals Community Nature Trail was the home of this year's annual dog run. Central Alberta Dog Runners hosted 35 participants from various Alberta communities (Lethbridge, Brooks, Edmonton, Calgary, Olds and surrounding area) along with their dogs (about 40 in total).

It's exciting to see our trail getting utilized for such fun community events!



Visit NOVA Chemicals' Community Nature Trail: Enjoy a serene walk with nature along the five kilometres of looped trail located on TWP 39-0 just north of our Joffre Site plant site. **The trail is open year round from dawn to dusk.** For more information, check out our fact sheet (www.novachem.com/wp-content/uploads/Legacy-fact-sheet-1.pdf) and video (www.novachem.com/wp-content/uploads/Joffre_NatureTrail_0221.mp4).

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For more information, please see these websites:

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

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