

## NEWS FOR NEIGHBOURS



### SUCCESSFUL STARTUP OF NOVA'S NEW LOW-DENSITY HYPER COMPRESSOR AT THE MOORE SITE

A little over two years ago NOVA Chemicals kicked off the Low-Density Long-Term Viability project (hyper compressor) with the goal to increase the reliability and overall competitiveness of our Moore Site. The new upgraded equipment was designed to provide the opportunity to increase capacity and produce higher value products (higher clarity grades of polyethylene) and is an important component of our eastern optimization focus and extends the life of the facility.

The Low-Density Long-Term Viability project included replacing the existing 30-year-old compressor with a large modern hyper-compressor as well as introduction of several technology enhancements and numerous upgrades. Final tie-in and commissioning commenced during a scheduled Low-Density unit outage in August/September with the unit having established successful commercial operation during the month of October. Over the course of the next 6 to 12 months we will be working to further optimize the unit including the development and trialing of new products for the Low-Density marketplace.

### EMERGENCY PREPAREDNESS

Earlier this year, NOVA Chemicals' Emergency Response personnel participated in the annual Emergency Preparedness Day, held at the Clearwater Arena in Sarnia. Also in attendance were representatives from the municipal fire departments, police, U.S. and Canadian Coast Guard, state troopers, army personnel, as well as emergency response employees from other local industries. The event showcased local emergency response capabilities and provided many hands-on activities for the whole family to learn and have fun.

### TAKE YOUR KIDS TO WORK DAY

On November 3rd, NOVA Chemicals hosted close to 40 high school students from across Lambton County for Take Your Kid To Work Day. This is the 11th year that we have participated in this worthwhile event that helps Grade 9 students understand the jobs at our facilities, and the importance of staying in school. Pictured here is the Corunna site group of kids and their parents.



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### A COMMITMENT TO OUR COMMUNITY

As the year 2010 comes to a close, I would like to take this opportunity to update the community on some of the activities that have taken place throughout the year. Keeping the communities in which we operate informed is part of being a good neighbour and important to us at NOVA Chemicals.

Earlier this year, NOVA Chemicals was successfully re-verified by the Chemistry Industry Association (CIAC) as a Responsible Care company. Our achievements are the product of a Responsible Care culture that makes safe operations the cornerstone of our work. The commitment to protecting workers, the environment and our communities is a fundamental principle at NOVA Chemicals.

In 2010, all three of our facilities in Manufacturing East underwent safe and successful planned turnarounds. Regularly scheduled turnarounds allow us to inspect, clean, replace and make new capital and technology improvements to ensure ongoing safe and reliable operations. Turnaround activity began in September at the Corunna Site in our DPG unit. The outage at the Moore Site followed, where our employees and resident contractors worked diligently to install the new hyper compressor for the Low-Density unit. This capital project will provide the Moore Site with the ability to increase production volume, as well as provide the opportunity to produce a wider variety of Low-Density polyethylene resin. Finally, a two-week turnaround at the St. Clair Site was completed during the month of November.

At NOVA Chemicals we are dedicated to the communities in which we live and operate. In this issue of NOVA Chemicals news for neighbours you will find a few illustrations of that commitment. In closing, I would like to wish you and yours a safe and happy holiday season.



**Tom Thompson**  
*Regional Manufacturing Director*

## NOVA CHEMICALS – RE-VERIFIED

Earlier this year, the Chemistry Industry Association of Canada (CIAC) re-verified Responsible Care at NOVA Chemicals' Canadian facilities.

The consensus of the re-verification team was that "the Ethic of Responsible Care underpins the day to day operations of the NOVA Chemicals facilities and is an integral component of short and long term continuous improvement planning for the Company." They also judged the NOVA Chemicals overall Responsible Care management system to be an industry Best Practice.



The assessment was carried out in March by a three-member CIAC appointed re-verification team, augmented by a community member of Sarnia-Lambton who was selected by the Bluewater Community Advisory Panel (BCAP). The team visited our facilities, reviewed company policies and processes and conducted interviews with employees, leadership and members of the neighbouring communities.

The team reported zero Findings Requiring Action, 25 Commendations and 33 opportunities for improvement.

Best Practices noted by the team included our standardized approach to Responsible Care and safety management across our three sites in Manufacturing East; our comprehensive pipeline maintenance program; and the dedicated resources available locally for community relations and external communications. Opportunities for improvement included an increased visibility of Responsible Care and to consider formalizing our Community Outreach Program.

To view the full report, please visit our community newsroom at: [www.novachem.com/SarniaLambton](http://www.novachem.com/SarniaLambton)

## NOVA CHEMICALS 2010 UNITED WAY CAMPAIGN

Our 2010 United Way campaign has come to a close and thanks to the generosity of our employees, retirees, and the company matching dollars, we contributed more than \$160,000 to the Sarnia-Lambton United Way Campaign. This represents approximately 8.5% of the campaign goal.



On September 21, 2010, a group of NOVA Chemicals employees (shown in photo) displayed commitment to the community by participating in the Sarnia-Lambton United Way Day of Caring. This dedicated group gave a helping hand to an agency in need of assistance with painting an entire residence, as well as helping seniors living in the community with odd jobs.

## CVECO 2010 SADS EXERCISE

On Wednesday October 27th, NOVA Chemicals Emergency Responders participated in the 2010 CVECO SADS Exercise at the LANXESS landfill. The mutual aid response exercise was a half-day event that included fire, ambulance and police responders from the City of Sarnia, St. Clair Township, Point Edward as well as LANXESS, NOVA Chemicals, and other industry peers. It is a vital training activity designed to simulate a real incident and provide experience and knowledge to those taking part.



## BLUEWATER HEALTH NOVA CHEMICALS LABORATORY

NOVA Chemicals is proud to support Bluewater Health in its endeavor for health care excellence in the community of Sarnia-Lambton. Representatives from the company recently toured the new laboratory at Bluewater Health. Through donations to the hospital's capital campaign and ongoing support of the training of laboratory staff, NOVA Chemicals is honoured to have the new state-of-the-art facility named the NOVA Chemicals Laboratory.



## COMMUNITY NOTIFICATION – IN THE EVENT OF AN EMERGENCY

Earlier this year, residents of Sarnia-Lambton received a publication from the Community Awareness Emergency Response Organization (CAER), 'Your Home Emergency Preparedness Guide'. The publication provided valuable information regarding what to do in all types of emergency situations. Included in the publication was the Chemical Valley Emergency Coordinating Organization (CVECO) Reference Card.

For further valuable emergency preparedness information, please visit the caer website [www.caer.ca](http://www.caer.ca)

