

# Neighbours

## Shell's Community Newsletter

Issue 10 | Fall 2023



### Meet Kevin McMahon – GM, Shell Manufacturing Center



Shell is pleased to formally introduce Kevin McMahon as the new General Manager of Shell's Manufacturing Center in Sarnia.

Perhaps a new face for some, but a familiar one for those who have had the opportunity to work with Kevin through his time either in Shell's Upstream, Midstream, or Downstream areas of business. He is known as a versatile and experienced leader, having managed assets in North and South America over the course of his career. Additionally, Kevin brings a depth of technical expertise gained through successfully managing a number of complex multi-asset turnarounds.

In his role as General Manager, he encourages a 'One Team' approach where individuals feel accountable for their contributions and are recognized for their achievements.

Kevin graduated from Texas A&M University with a degree in Civil Engineering and continues to remain active with his alma mater as Shell's Campus Executive. Community involvement is foundational for Kevin; he is currently a Board Member to the Sarnia-Lambton BASES and the USA Building Conservation Trust. In his down time Kevin enjoys spending time with family and friends outdoors.

"In Sarnia's 70th year of operations, I'm honoured to be leading a tremendous group of people who show up each day and work safely, with integrity, and who care for one another and their community," said Kevin.

### Isopropyl Alcohol Plant Fall Turnaround

**This Fall, Shell's Sarnia Manufacturing Centre (SMC) is proceeding with a maintenance turnaround in our Isopropyl Alcohol (or IPA) plant.**

This turnaround is the largest capital investment in the chemical plant's history and will support safe and reliable operation going forward.

Executed by the Major Maintenance and Construction department, the event will start in mid-September and is currently scheduled to end in late October.

Over the course of its 70 years, SMC has completed numerous upgrades, modernized equipment, and added new facilities and technology to meet current and future product regulations and environmental legislation.

These activities are key to the continued safe, reliable, and profitable operation of the site over the long term.

As a result of this work, you may notice an increase in noise and activity near our site. Should you have any questions or concerns, please contact us at: [519-481-1245](tel:519-481-1245).

#### What is a turnaround?

Turnaround events are similar to regular maintenance on a car. There are planned times that certain pieces of equipment require upkeep. If they are not maintained properly, then the lifespan and safety of the car – or, in this case, refinery – could be decreased.

Thanks to our trusted partners for ensuring a safe and efficient turnaround that will allow Shell to maintain its delivery commitments.



## Powering Positivity in the Community



### Binders, Notebooks, Pens and More!

For the third year in a row, Shell's Future Leaders of Energy (FLE) Network supported students in the community with a drive for back-to-school supplies.

The items were donated to the Inn of the Good Shepherd where they will be distributed to students in need. Thanks to the FLE Network's Co-Lead, Kristopher Mandeville, for heading up this valuable program once again.

## Northern Collegiate Students Compete at Shell Eco-marathon Americas Competition

This past spring a dedicated group of students from Northern Collegiate Institute and Vocational School put their knowledge to the test as they competed in the Shell Eco-marathon Americas competition at the Indianapolis Motor Speedway.

The Shell Eco-marathon is a global academic program focused on energy optimization and one of the world's leading student engineering competitions.

Post-secondary (and some high school) students across the Americas are invited to design and build a fuel-efficient vehicle to go head-to-head with other student teams for the chance to compete at a global level.

Under the guidance of their passionate and dedicated teacher, Doug McArthur, Northern Collegiate has participated in some capacity for seven years. The 22/23 season posed a few added challenges on the heels of the pandemic. "We found we had to make more of an effort to recruit students.

Since we didn't participate in the previous year's competition due to COVID, the new kids really weren't aware of the program," commented Doug. After recruiting new members

Students from Northern Collegiate Institute and Vocational School get ready to compete at the Indianapolis Motor Speedway.

to the team and spending countless hours throughout the school year coordinating, innovating, building, testing, and collaborating, the team that was led by Elisa Mark, William Nikel and Ben Neumann, made their way to the competition for the final test. They competed in the Prototype category with an Internal Combustion Engine, complete with vehicle improvements such as, an updated electrical system, optimized software, and new fuel injection sensor.

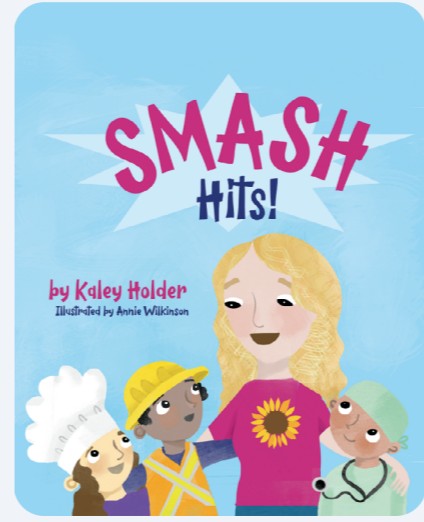
The team was thrilled with their results, beating all of their previous records, they got through the technical inspection

faster than they had in the past, and acquired more valid runs than they had accomplished in past years.

"This experience was invaluable for us. We came together with different interests that spanned engineering, welding, technical drawing, and even marketing. This program gave us an opportunity to explore our specific interests while working together as a team toward a common goal," said Ben. He added, "I've even grown as a public speaker since I have had to present what our team is doing to a variety of audiences!



## Powering Positivity in the Community



### Shell Helps Inspire Children to Become a "Smash Hit"

Shell was pleased to participate in the development of *Smash Hits*, a children's book that aims to introduce youngsters to the many ways they can become "a smash hit" while supporting [Noelle's Gift to Children](#) and [Hashtag Charitable Foundation](#).

The concept was coined by teacher, Noelle Paquette, who used the term with her students to introduce the many jobs and roles that exist within the community.

The book was written by Kaley Holder to honour Noelle's legacy and features real businesses from around the Sarnia-Lambton region, including Shell's Manufacturing Site. The book will be distributed to schools this fall and can be found at the Book Keeper in Sarnia.

## Safety and the environment

### What is Flaring and how does it work?

There are times when refineries, chemical plants, and other industrial complexes need to balance operations by temporarily burning gases through flaring. It is a practice that uses engineered equipment to ensure the safe disposal of off gases.

Flaring's primary purpose is to act as a safety device to prevent vessels or pipes from over pressuring due to a site's changing operating conditions.

It is required for safely bringing units off or on line for maintenance activities, whether that be for planned events or unexpected unit upsets, when it is safest to send hydrocarbons to the flare.

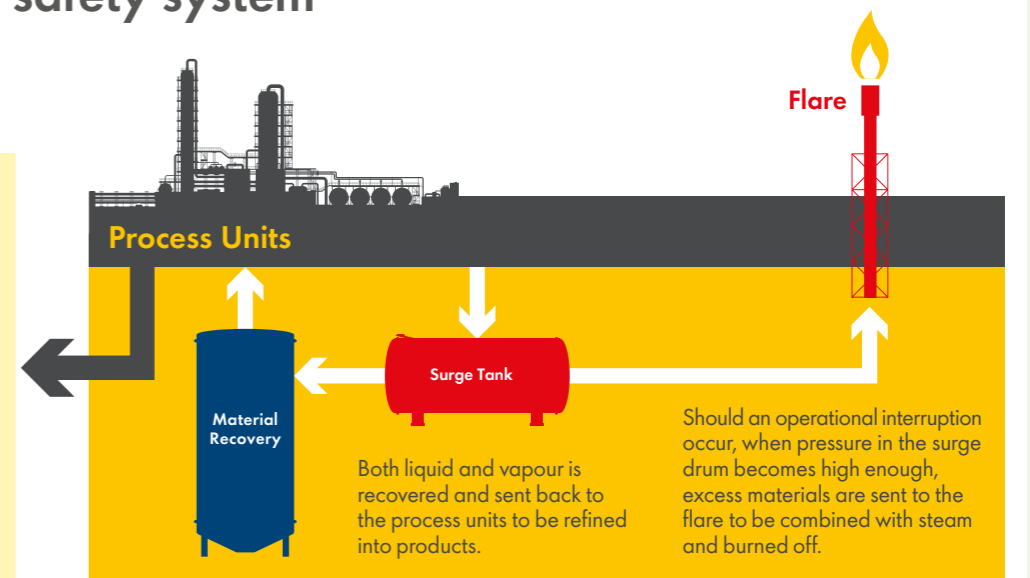
To keep the flare system functional and ready for its primary purpose of relieving pressure, a small amount of gas is continuously burned. This means, during normal operating conditions, you will always see a small "candle" - about the size of a streetlight - at the top of

the flare stack. Shell works diligently to reduce the amount of flaring at our refinery and chemical plant.

We work to prevent or reduce flaring whenever possible to minimize negative impacts both to our business and to our neighbours. Information regarding periods of excessive or prolonged flaring can be found on the [BASES](#) website and on our Sarnia Manufacturing Centre [Facebook](#) page.

### Flaring: A key safety system

#### Finished Products





For more information visit [www.shell.ca](http://www.shell.ca) or get in touch at **519-481-1245**.