



Powering Journeys  
Energizing Communities



PARKLAND BURNABY REFINERY

# Community Advisory Panel

June 14, 2023

We would like to begin by respectfully acknowledging the land on which we gather is the traditional, ancestral, and unceded territory of the Coast Salish Peoples, including the territories of the x<sup>w</sup>məθkwəyəm (Musqueam), Skwxwú7mesh (Squamish), and Səlíl̓wətaʔ/Selilwitulh (Tsleil-Waututh) Nations

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# Our Continued Commitment on Low Carbon and Our Community

## From the VP and GM

I'm pleased to announce the successful completion of our scheduled maintenance event. It focused on several units, including the Distillate Hydrotreater Unit (DHT), which plays a key role in the co-processing of low-carbon renewable fuels. During February and March, we had hundreds of additional contractors on site to assist our regular workforce perform this work efficiently, reliably, and safely. Throughout the event, we maintained excellent safety and environmental performance.

Any maintenance event, irrespective of its size and scope, inevitably has some impact on the surrounding community and I would like to thank our neighbours for your patience and feedback. We will continue to consider ways to further minimize traffic and other impacts to the community.

### *Continued Focus on Low-Carbon Fuels*

While we are not proceeding with the planned renewable diesel complex at our Burnaby Refinery, we will continue to expand our co-processing volumes. Our teams are proactively exploring other sources of next-generation low-carbon feedstocks, including liquid waste biomass to further contribute to a circular low-carbon economy. We continue to invest in new infrastructure that will better enable us to further reduce the carbon content in our production.

### *Investing in the Community*

In this edition, we are profiling some of the many local community partners whose work the Burnaby Refinery is proud to support, along with an example of individual community efforts on the part of many of our employees.

Our social investment program continues to expand and evolve, including our continued sponsorship of signature community events like the recent Hats Off Day on Hastings Street; and new partnerships, including the mini-train attraction at Confederation Park which Parkland will be helping to fuel.

I look forward to the additional summer events which Parkland will be sponsoring or hosting, especially our second annual Parkland Fun Day in the Park, I hope to see you and your families at Confederation Park on August 26.

Thank you and enjoy the summer.

**Alex Coles**

**Vice President & General Manager, Parkland Burnaby Refinery**

# Health, Safety and Environment

The Burnaby Refinery works to continually safeguard the health and safety of all of its employees, ensuring risks are carefully managed and workplace injuries minimized. That commitment to health and well-being extends beyond our fences, most notably through our stringent management of emissions and all other aspects of our operations' potential environmental impacts.

*March 1 – June 10, 2023 (from last CAP meeting)*

Recordable Injuries:

2 recordable injuries - Contractor cut hand during TA, Employee rolled ankle

Level 1 Advisories:

There was a total of 4 Level 1 advisories issued.

March 18, 2023	Turnaround Level 1 Advisory – Restart Refinery
May 16, 2023	Unplanned Refinery Outage Level 1 Advisory
May 19, 2023	Unplanned Refinery Outage Level 1 Advisory – Restart Refinery

Environmental Incidents:

There was a total of 4 environmental incidents.

April 1, 2023	Air permit exceedance in the Fluidized Catalytic Cracker Unit.
May 24, 2023	Brief release of Hydrogen from Isomerase Tank to atmosphere
June 2, 2023	Air permit exceedance in SRU
June 6, 2023	Air permit exceedance in SRU

# Low-Carbon Leadership

Our operations and business environment are continually evolving, and we typically have one or more strategic projects underway at any given time. These often involve capital investments and infrastructure development, increasingly with a focus on the growing scope of our low-carbon production. We strive for consultative approaches and transparency whenever these projects impact the community.

## *Renewable Diesel Complex (RDC)*

- In March 2023, Parkland Corporation cancelled plans to construct a stand-alone renewable diesel facility at the Burnaby Refinery.
- There were several factors that impacted the project since we publicly announced it in May 2022 that contributed to the decision.
- We remain committed to our low carbon journey and production of renewable fuels and plan to continue to invest in and grow our co-processing activities. These efforts will reduce GHG emission by 1MT a year, or the equivalent of permanently removing over 350,000 passenger cars off the road in British Columbia.

## *Tail Gas Treatment Unit*

- A new Tail Gas Treatment Unit (TGTU) will further improve our Sulphur recovery performance. It will be integrated into the existing Sulphur Recovery Unit (SRU) and improve our already high Sulphur capture and recovery efficiency from 99.5 to 99.9 percent. This will enable us to meet stricter limits on Sulphur concentrations in Refinery emissions, which will drop by 90 percent.
- The refinery is preparing for on-site work that is estimated to take place this fall. The community will be updated on progress and any potential impacts. We anticipate completing the construction of TGTU in the fall of 2025.

## *Area 1 Tanks*

- With the cancellation of the RDC, the refinery is changing the scope and schedule to build tanks in Area 1 from 4 tanks to 2.
- Old tanks are being removed and 2 new 50,000 barrel-capacity tanks will be installed to store biofeeds.
- The new tanks will be built to modern safety and structural standards. Currently, we do not anticipate significant traffic or other community impacts.
- Tank removal will begin later this summer and estimated project completion by spring of 2025.

# Air and Water Discharge Permits

Metro Vancouver is the regulatory authority that approves and monitors compliance with our air emissions and wastewater discharge permits, which are among the most important sources of regulatory standards and requirements with which we align Refinery operations. We are in continual dialogue with Metro Vancouver on permit compliance.

**See attached document from Metro Vancouver.**

# The Community's Point of Contact

“Community” is a core Parkland value, and we strive to be a responsible neighbour and to contribute positively to community wellbeing and quality of life – particularly recognizing our location in the heart of a major metropolitan area. Our community relations team is engaged in any initiative at the Refinery that may have external impacts. Some of its activities are also touched on in preceding sections of this report.

## *Community Giving*

During the second quarter of the year, we have identified the key partners we will support during this and the following three years. We want to support them and secure funds for their initiatives. We are donating, sponsoring, matching employee initiatives, and providing academic awards. These organizations are aligned to our pillars: Education, Environment, Community Building, and Health and Safety. We are pleased to partner with:

- Junior Achievement of BC
- Big Sisters of Lower Mainland
- Alpha Ecole, Burnaby North Secondary School
- Simon Fraser University
- University of British Columbia
- British Columbia Institute of Technology
- Stoney Creek Environmental Committee
- Fraser River Discovery Centre.
- Blue Sea Foundation
- Burnaby Neighbourhood House
- Burnaby Hospice Foundation
- Burnaby Firefighters Society
- Bloom Group
- Corporate Citizen Services
- Heights Merchants Association
- Burnaby Central Railway
- Dixon Transition Society
- Greater Vancouver Food Bank
- Volunteer Cancer Driver Society
- Burnaby Hospital Foundation
- Burnaby North Lawn Club
- Heights Community Little League
- BC Cancer Foundation



### *Supporting Community Partners*

- The Burnaby Central Railway is celebrating 30 years in the community. As a volunteer run non-profit, Parkland Refinery has committed to support its operations by donating the propane it needs to run its train for residents to enjoy.
- On June 3, Parkland was a lead sponsor in the annual Burnaby Hats Off Day and interacted with over 5,000 residents.

### *Events*

Parkland Burnaby refinery is committed to giving back to the community where we operate. Below is the list of community events our team is part of.

#### City of Burnaby's Blues and Roots Festival

- On August 12, Parkland proudly served as the lead sponsor for the City of Burnaby's Blues and Roots Festival. This highly anticipated event, which holds great significance for the Burnaby Refinery, showcased our dedication to fostering a vibrant local cultural scene.

#### Parkland Fun Day in the Park

- On August 26, we hosted our annual Parkland Fun Day in the Park. This signature event reflects our strong commitment to giving back to the community. It was a joyous occasion that brought together residents of all ages. Notably, the event was free and open to the public, ensuring inclusivity and widespread participation.

### *Monthly Community Chat*

The objective of the chats is to personally engage with residents, answer questions and address their concerns in an informal setting. The Community Relations team has successfully organized three "coffee chats" since the last CAP meeting. We have received positive feedback and consistent turnout. We have hosted the chats at the following locations:

- March 15<sup>th</sup>, 2023 – Ambit Café
- April 13<sup>th</sup>, Café Artigiano
- May 10<sup>th</sup>, 2023 – FDL Café

The key topics include general operations of the refinery and purpose, air permit, flaring and community programs.

*Community Inquires, Questions and Concerns*

The Community Relations team received a total of 14 complaints from March 1 to June 12, 2023. The majority of the intake occurred during the scheduled maintenance (11 of 14 complaints). The following is a breakdown of the topics of inquiries and complaints we have received:

<b>Topic</b>	<b>Number of Inquires/Complaints</b>	<b>Notes</b>
Traffic	3 <i>(During scheduled maintenance)</i>	-Resident reported speeding vehicles through neighbourhood -Backlog and traffic at the intersection of Willingdon Ave & Albert St
Flaggers	1 <i>(During scheduled maintenance)</i>	-Flaggers placing traffic signs on city property and near residential homes
Light	1 <i>(During scheduled maintenance)</i>	-Light near training center being left on after 10pm
Flare	3 <i>(During scheduled maintenance)</i>	- Clarification on Level 1 Advisory (April 2) about flare -Vibration due to flare result of unplanned shut down -Noise due to flare during the refinery start-up
Odour	3 <i>(During scheduled maintenance)</i>	-Smell/ odour from the refinery
Tree	1	-Dead cedar tree near gate at McGill and Madison
General Inquiries	2	-Resident interested in becoming a CAP member -Resident inquiring about duration of the scheduled

*\*Complaints/ inquiries in this context are those the Community Relations team receives directly via communitybc@parkland.ca and/or phone calls. Odour and other complaints received by the shift supervisor are not reflected above but are addressed in the Metro Vancouver update.*

# City of Burnaby

The City of Burnaby is our host municipality and home for a great many of our employees, while our Refinery in turn is an important component of the local business community and tax base. We are in regular dialogue with the City of Burnaby on operational considerations such as traffic that can impact neighbouring residents.

**City of Burnaby to provide updates on emergency management and traffic.**