

Inviting Your Feedback



PARKLAND

Parkland's Burnaby Refinery (hereafter the Refinery) is conducting a Human Health Risk Assessment (HHRA) on its air emissions. The HHRA is a scientific process that predicts the potential nature and likelihood of harmful health effects that may occur should people be exposed to chemicals in the environment. The Refinery has produced a draft Workplan on its proposed approach to the risk assessment. And as a resident of North Burnaby, we value your feedback to ensure that the HHRA is inclusive of all perspectives. Please see the reverse for further information from the HHRA.

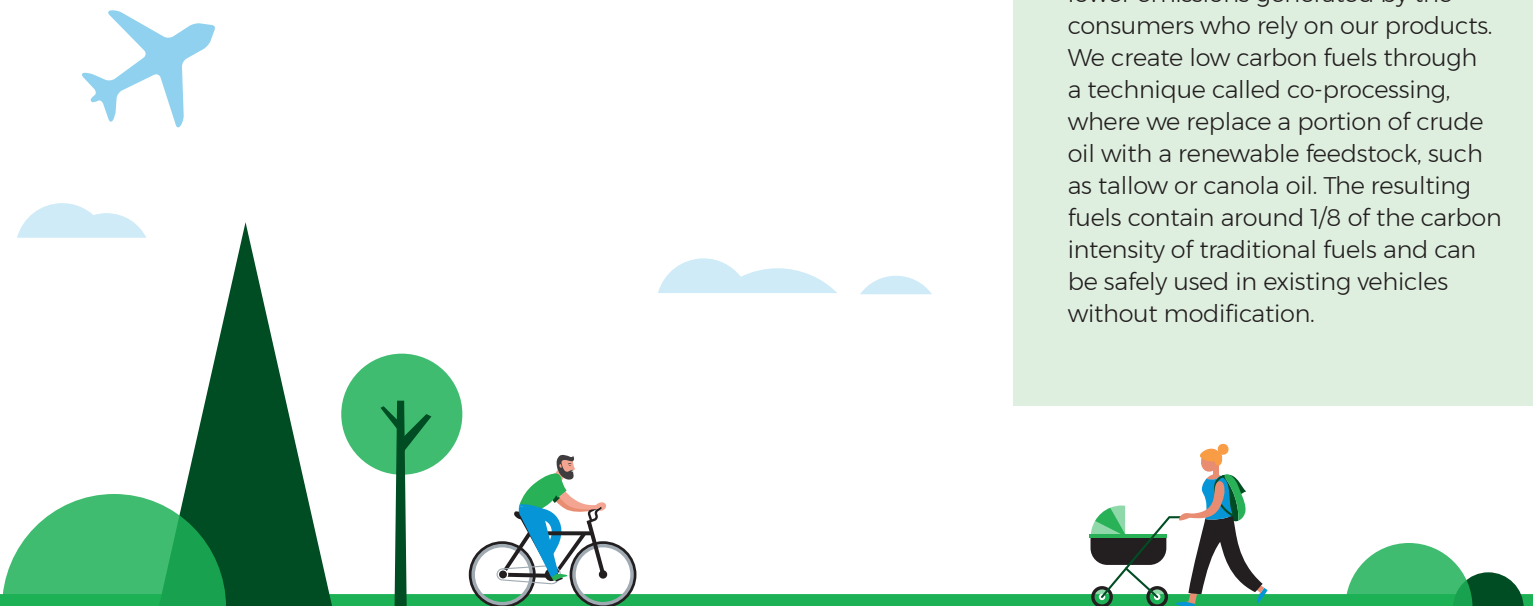
The Parkland Burnaby Refinery invites comments and feedback on the draft Workplan from August 15 to September 12, 2021. For more information and to view the draft Workplan, please visit www.burnabyrefinery.ca/en/community/engagement.

To obtain a printed copy of the Workplan and/or submit your comments by mail, please email CommunityBC@parkland.ca or call 604-257-4040.

About Parkland's Burnaby Refinery

The Refinery has been a proud and integral member of the Burnaby community since 1935. Acquired by Parkland in 2017, this is one of Canada's only remaining West Coast refineries. Our highly experienced team is very proud to safely produce and provide British Columbians with the transportation fuels that support their economy and lifestyle. The Refinery supplies 25% of BC's transportation fuel and 30% of YVR's jet fuel.

We are also proud to contribute to BC's climate change goals by reducing greenhouse gas emissions while providing Canadian consumers with the lower carbon fuel choices they are looking for. We are playing a leadership role in the creation of low carbon fuels, which help lower emissions generated by the consumers who rely on our products. We create low carbon fuels through a technique called co-processing, where we replace a portion of crude oil with a renewable feedstock, such as tallow or canola oil. The resulting fuels contain around 1/8 of the carbon intensity of traditional fuels and can be safely used in existing vehicles without modification.



Background on Human Health Risk Assessment for Air Emissions

At Parkland, ensuring the health and safety of the community, nearby residents and our employees while minimizing environmental impacts is our number one priority. This HHRA will evaluate the potential health effects associated with air emissions from the Refinery.

The Refinery is conducting an HHRA as part of an application to renew and amend its Metro Vancouver Regional District (MVRD) air permit set to expire in July 2022. As part of the renewal process, the Refinery is committing to invest in new technologies and infrastructure

to reduce emissions. These changes must be reviewed and approved by the regulator and the HHRA is part of the process.

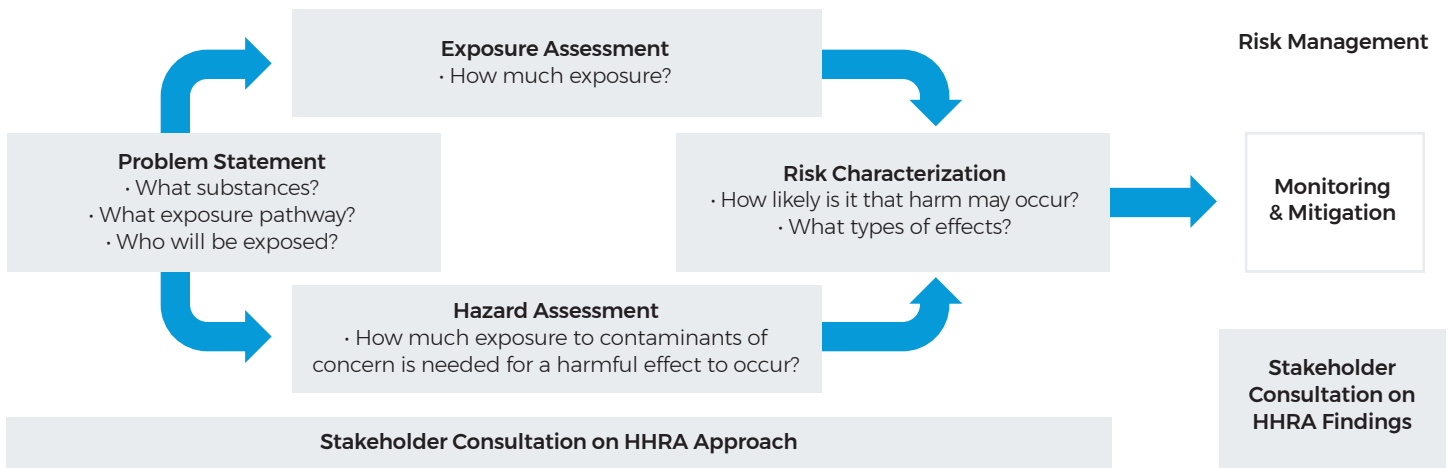
The Refinery utilizes state-of-the-art technologies to ensure that any contaminants are detected and measured appropriately. In 2021, the Refinery completed a Refined Technology Assessment to explore opportunities for emission reduction technologies. Based on the findings, the Parkland Burnaby Refinery is planning to install infrastructure to reduce emissions of criteria air contaminants.

The Refinery has retained a third-party consultant, WSP Canada, who have

drafted the Workplan on the proposed approach to conducting the HHRA for air emissions. The Workplan outlines all the necessary steps and action items to conduct a thorough assessment. The draft Workplan has been submitted for review and approval to MVRD, Fraser Health Authority, Vancouver Coastal Health Authority, and the First Nations Health Authority. Prior to finalization of the HHRA Workplan, the Refinery will be informing and consulting with key stakeholders, including the local community.

The Refinery is seeking feedback on the draft Workplan to inform how the HHRA is executed. The final HHRA report will then be published in late 2021/early 2022.

Risk Assessment Framework



Draft Schedule

