

Bio-Feed Park Pipeline Frequently Asked Questions



PARKLAND

PIPELINE

1. Why is the Parkland Burnaby Refinery building new pipelines?

The Parkland Burnaby Refinery recognizes the urgent need to combat climate change and to help our customers reduce their carbon footprint by increasing our low-carbon fuel production and supply. Parkland supports the Canadian and BC governments' goals of achieving net-zero emissions by 2050.

The two new pipelines will be used to transport bio-feeds such as tallow and canola oil, which are then processed into renewable and low-carbon fuels (gasoline, diesel and potentially jet fuel). We anticipate this will support governments' net-zero goals by reducing our customers' GHG emissions by up to 1MT a year by 2026.

2. How many pipelines are being built?

The Refinery will install two new pipelines within its existing right-of-way in Confederation Park and in an existing concrete duct. There are currently three pipelines that transport traditional hydrocarbons in the duct.

There is enough room in the existing duct to add two additional pipelines that will safely and reliably transport bio-feed products directly from Area 1 to Area 2 of the Refinery.

3. How big are the pipelines?

The two new pipelines are 15cm in diameter and approximately 450 meters in length.

4. Why can't Parkland use the current pipelines it has? Why build a new one?

With our commitment to producing more low-carbon fuels, we need the right infrastructure in place. This includes additional pipeline capacity, to enable us to consistently supply bio-feed to the refinery.

The current pipelines are used for hydrocarbons and do not have additional capacity to meet our growing need for low-carbon fuel supply at the Refinery. By having dedicated lines transporting bio-feed into the Refinery we are better able to provide customers with more of the lower carbon fuel choices they are looking for, while reducing their own carbon footprint.

5. How has Parkland been transporting bio-feed currently?

Currently, the Refinery uses existing hydrocarbon pipelines part-time to transfer bio-feed, which impacts the amount of low-carbon fuels we can produce and offer our customers. Having dedicated lines will increase our low-carbon fuel production and supply, and help our customers reduce their carbon footprint.

6. What is the purpose of low-carbon fuel? Who benefits from it?

Unlike traditional sources for fuel, our low-carbon fuels are produced from renewable sources such as tallow and canola and have a reduced carbon footprint. The bio-feed is co-processed in the Refinery and our co-processed fuels have less than 1/8 of the carbon intensity of conventional fuels and will be part of the fuel mix that will keep BC moving.

As a fuel supplier, producing low-carbon fuels is a substantial step towards reducing our customers' GHG emissions by up to 1MT a year by 2026.

COMMUNITY IMPACTS

7. How long will the work impact the community?

We anticipate beginning construction at the beginning of May 2022, with an estimated completion date of November 2022.

The Refinery is committed to informing the community with updates and notifications of any specific potential impacts during the construction process.

Bio-Feed Park Pipeline FAQ

8. Will the park be restored to its original state?

Yes. Parkland is committed to restoring the Park and the right-of-way to its original state. We have identified trees that will need to be removed due to safety reasons and covering the trench. We are committed to replanting enough trees to replace those being removed during the construction.

9. How will the community be visually impacted?

Once completed, the two new pipelines will sit alongside existing pipelines within the right-of-way and enclosed in a concrete duct. There will be no visual impact to the community, and we are committed to restoring the Park to its current state.

10. What is the potential of a leak?

The pipelines are designed, tested, inspected, and maintained to rigorous industry standards, including those defined by the Canadian Standards Association (CSA). As a result the likelihood of a leak is very low.

The pipelines will have a leak detection system that includes electronic monitoring and physical inspections of the pipelines. In the unlikely event of a leak, our on-site personnel will immediately respond and will shut down the pipeline.

11. What are the hours of construction?

Construction will be from Monday to Thursday from 7:00 a.m. to 5:00 p.m. Additional days and hours may be required and in that event, we will notify the community in advance.

12. Will we see an increased level of traffic?

The Refinery expects a minimal increase in traffic due to contractors and delivery of equipment needed for construction.

13. What parts of the park will be closed to the public during construction?

During construction, the public will not be able to walk directly along or across the right-of-way due to safety concerns. We will endeavor to keep trails that cross the right-of-way from north to south open. The public can expect to have clear signage of any necessary re-routing.

14. Will you be cutting down any trees?

We have identified a total of 64 trees that will be impacted by this project, of which:

- 32 trees (all smaller than 20cm in diameter) will need to be removed to enable this work to be completed safely;
- 27 trees are either dead or in unhealthy conditions, and we will take this opportunity to remove them; and
- 5 trees will need to be pruned to remove potential obstructions.

We are committed to replanting trees to replace those being removed during the construction. We have confirmed with the City of Burnaby that removal permits are not required because of the size and condition of the trees.

If you have any questions or concerns, you can contact our Community Relations Team at CommunityBC@parkland.ca or 604-257-4040.