

**Metro Vancouver (MV) Activity Report
Parkland Refining / North Burnaby Community Advisory Panel (CAP)
CAP Meeting 2021**

Date: Wednesday, March 17, 2021

Reporting Period: December 1, 2020 through February 28, 2021

Overview of MV Update Content

Metro Vancouver has the regulatory authority specific to the discharge of air contaminants and management of non-domestic waste to sewer within the region. The Parkland Burnaby refinery has both an air discharge permit and liquid waste discharge permit that we administer. Both the permits have extensive monitoring and reporting requirements.

Typically our summary at CAP is a snapshot of some of the activities related to the administration of the permits conducted since the last CAP reporting period. Topics can include:

- Site Inspections
- Summary of air quality complaints
- Odour surveys
- Response to specific Incidents (i.e. Parkland Advisories)
- Regional air quality management initiatives such as Bylaw development.

1. Parkland Refinery Notifications to Metro Vancouver

Number of Notifications	Details
2020 Total	49 notifications, 1 Level One notification
11*	2 FCC start-up opacity notifications. 2 notifications regarding acid gas to flare/SRU. 1 notification of flare flow exceedance. 2 notification regarding sewer discharge. 2 notifications regarding stale data exceeding 4 hours. 2 Level One notifications - Flare testing and intermittent flaring during planned shutdown.

*December 1, 2020 – February 28, 2021

2. Air Quality Complaints Received by Metro Vancouver

Month/Year	Complaints	Confirmed	Comments
Total 2020	141	129	
December 2020	18	18	13 oily sewer, 5 petroleum odours,
January 2021	14	13	10 oily sewer, 3 petroleum odours, 1 rotten egg*
February 2021	13	11	6 oily sewer, 5 petroleum odours, 2 rotten egg*

* 3 rotten egg odour complaints are still under review. Confirmed numbers may change pending final analysis.

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3. Odour Surveys Conducted by Metro Vancouver

Date	Activity
2020 Total	Eleven odour surveys.
December 2020	No odour surveys
January 2021	One odour survey
February 2021	No odour surveys

4. Site Inspections/Meetings between Metro Vancouver and Parkland

Date	Activity
2020	4 inspections/monitoring audits, 14 meetings with Parkland staff.
December 2020	Two meetings, no inspections/monitoring audits
January 2021	Two meetings, no inspections/monitoring audits
February 2021	One meeting, no inspections/monitoring audits.

5. Parkland Liquid Waste Permit

Date	Activity
2020	Three exceedances. 2 fish toxicity, one cyanide exceedance.
2021	No exceedances reported to date.

6. SOx Curtailment Events Reported to Metro Vancouver

Date	Activity
2020	None
2021	None to date.

Parkland Air Quality Permit (GVA0117) Update

Parkland Refining's permit was amended on January 27, 2021. The amendment was an 18-month extension of their permit term to allow for completion of Phase One and Two of the Refined Technology Assessment and supporting dispersion modelling. Prior to the end of this extension, Parkland will be applying for a new permit that will be subject to Public Notification Regulation requirements.