

Community Advisory Panel

Public Meeting Minutes

Wednesday, November 27, 2024

5:30 PM to 7:30 PM

In-Person: 1000 – 2025 Willingdon Ave., Burnaby (12th floor, Room 1209)

Facilitator: Simon Scot

Notetaker: Warisara Laohongvichit

Attendees	
Parkland <ul style="list-style-type: none"> • Martin Carter • Simon Scott • Jacki Hess • Dan Erickson • Vicki Bowman • Tara Overholt • Jessica Bermudez • Warisara Laohongvichit 	CAP <ul style="list-style-type: none"> • Brian Clive • Davis Vaitkunas • Judith Roche • Kathy Mezei • Michele Joal • Stanis Smith • Tony Bosello
	Regrets <ul style="list-style-type: none"> • Amy Smith (CAP)

1. Welcome-Simon Scott, Facilitator

- a. Land Acknowledgment-Tara Overholt.
- b. Introductions
- c. Overview of Agenda

2. Initial Observations – Martin Carter

- 450-600 people on site daily from different trades and professions to keep the refinery running smoothly.
- Getting to know the neighbors and stakeholders. We provide 25% fuel for transportation and jet fuels to YVR as well as BC Ferry.
- We are working to decarbonize our fuel by producing up renewable fuel by processing feedstock.
- We successfully proved that we could produce sustainable aviation fuel.
- The refinery is very strategic for BC.

1. Community work in Burnaby

Supporting our community - Jessica Bermudez

- The Sunset Cinema attracted more than 1,400 people attended the event.
- The Refinery shared its first social investment review to share the positive impact we have had in the community.

- We secured funding for the new room at the Burnaby Hospital Foundation and its BC Cancer unit, the CPR Program with the Burnaby Firefighters Association, as well as the academic awards for UBC, BCIT, and SFU and the Burnaby School Board.
- We held the First Community Partners Appreciation Lunch.
- The Refinery was nominated for the Community Spirit Award in 2024.

Indigenous Communities - Tara Overholt

- Tara stated that we invested more than 300,000 for local indigenous communities.
- The totem pole was erected at the Burnaby Refinery, it was carved by a TWN Master Carver. The pole serves as an ongoing representation of our commitment to fostering a positive relationship with TWN.
- The Backpack program for the kids. This is the second year we had employees donate supplies, and volunteer dropping them off at local Indigenous communities.
- Tree Replanting work – 1 to 10 tree replacement ratio. This will see over 451 trees being planted in Area 2.
- October began prepping the site for the replanting, the tree will be monitored for 5 years.

2. Operational Updates

Scheduled Maintenance – Jacki Hess

- The plant is progressing into a small maintenance outage in the spring of 2025, starting Feb 1, 2025, and lasting approximately 3 weeks. In comparison to some of the recent larger events, peak contractor headcounts are expected to be non-impactful to the community. Reliable operation through the recent storms.
- The absence of events is a measure of the success of the efforts between BC Hydro and the Refinery to increase the reliability of the power grid.

Air monitoring – Vicki Bowman

- Our refinery is regulated for air quality by Metro Vancouver, through an air discharge permit which they administer.
- CAP members will recall we issued a Level 1 information advisory at the end of October for a unit shutdown and associated flaring to perform maintenance on a compressor. During this time, we experienced a few hours of exceedance of our air permit limit for Sulphur Dioxide in our Sulphur Recovery Unit (SRU). By way of enforcement, Metro Vancouver issued us a Notice of Violation (NOV). This requires us to provide them with additional information on the exceedances including root causes and what mitigating actions are being taken to prevent recurrence. On Sulphur Dioxide, our air permit requirement to have a Tail Gas Treatment Unit (TGTU) will greatly reduce our baseline SO₂ emissions.

Projects updates – Daniel Erickson

Area 1 Tanks Project

- This project is completing Civil works in December in preparation for tank construction in January 2025.
- We have successfully completed all excavation works moving over 1000 truckloads of material out of Area 1 to the appropriate recycling facilities in support of this effort.

Tail Gas Treating Unit and Sour Water Stripper Projects

- Arrival of heavy equipment has been arriving on site in Q4 of this year. In parallel the project team is in the process of completing Civil works in preparation for the installation of equipment, structural steel, and piping in Q1 2025.
- The Tail Gas Treating Unit project will reduce Sulfur dioxide emissions from the sulfur treating unit by 90%.
- The Sour Water Stripper portion of the project will help manage the additional water generated by the refinery through co-processing.

FCC Co-processing Projects

- The Co-processing 4 project was successfully commissioned in Aug of 2024 which enables increased renewable fuels processing at the refinery.
- The next phase of Co-processing projects is currently in engineering, with portions of the next project scheduled for installation in 2025.

5. Q&A

- Tony Bosello, does the flare get larger with colder weather?
 - Martin: Cloudy weather can cause a reflection that can make the flare appear larger. Generally, the size of the flare is not impacted by the weather.
- Judith Roche and Michelle Joal, why does the flare look big sometimes and sometimes looks like big cloud?
 - Refinery flares are safety devices that burn excess gases to prevent the release of hydrocarbons into the atmosphere. Gases are collected and directed to the flare, where they are burned under carefully controlled conditions. The flare is always active, but more noticeable flaring occurs during shutdowns or startups, typically due to planned or unplanned maintenance, or events like power outages. While we continuously work to minimize flaring to reduce environmental impacts, it also helps maximize the value we create from our raw materials.
- Judith Roche asks why Metro Vancouver, and the City of Burnaby is not attending tonight? – what happened in the Jan incident and investigation?
 - Simon explains that there was a CAP meeting in August where we presented our findings on the January 21st event, Jacki mentioned there are still 2 external ongoing investigations related to the FCC incident.
- Stanis Smith – Mentioned that MV should be at these meetings as they are the regulator. CAP would like to include MV as they are protecting the public interest.
 - Simon Scott: queried if the CAP is clear on how to engage MV outside of the CAP meetings.
 - Stanis Smith replied that MV is not responsive to his questions
 - Vicki: We appreciate feedback on the presence of regulators at CAP meetings moving forward and will be sharing that feedback with MV.
- Kathy Mezei – what happened to the plan to reduce the flare?
 - Martin: Flare Gas Recovery is very costly – very technically challenging to do – we have committed to plan to reduce but it is currently a big technical challenge.
 - Vicki talks about Flare minimization plan, a requirement of the air permit that has us assessing capital, and non-capital solutions for reduction of flaring – we are assessing it, and it is complex, but we are working on it. Assessing the suitability of Flare Gas Recovery is a part of that plan.
 - Martin mentions that we are focusing on operational ways to reduce flares.
 - Jacki added that it is one of four initiatives within MV strategies.
 - Flare is visible but it is not the largest emission source.

- Tony Bosello – Does the 10-year permit give the Refinery the set amount of reduction of what to be done for the 10 years?
 - Vicki: MV expects and requires continuous improvement.
 - The permit clearly defines what areas of emission reduction are to be studied. The outcome of those studies dictates the emission reduction amount and the schedule for implementation of solutions. These studies allow us to find the most effective ways to reduce emissions in an achievable way.
- Stanis Smith – Suggest that we should have MV so they can answer all this technical answer instead of us because CAP would like to ask MV on how Parkland is doing instead of asking us.
- Vicki assures that MV is open to be contacted outside of CAP meeting.
- Kathy Mezei suggests another location for the CAP Public Meeting like the Senior Centre and ask about CAP members and the next meetings.

6. Thank you- Looking to 2025 – Simon Scott

- We are analyzing how we can move forward with the CAP next year. We will get back to you.