



Parkland
FUEL CORPORATION

Parkland CAP Q1 2020 Meeting
February 12, 2020



Presentation Agenda

- Fire Safety tree removals
- Traffic
- Power Outages (continued discussion from last meeting)
- Emergency Notification
- Turnaround
- Low-carbon policies (continued discussion from last meeting)
- Other Questions



Fire Safety Tree Removals



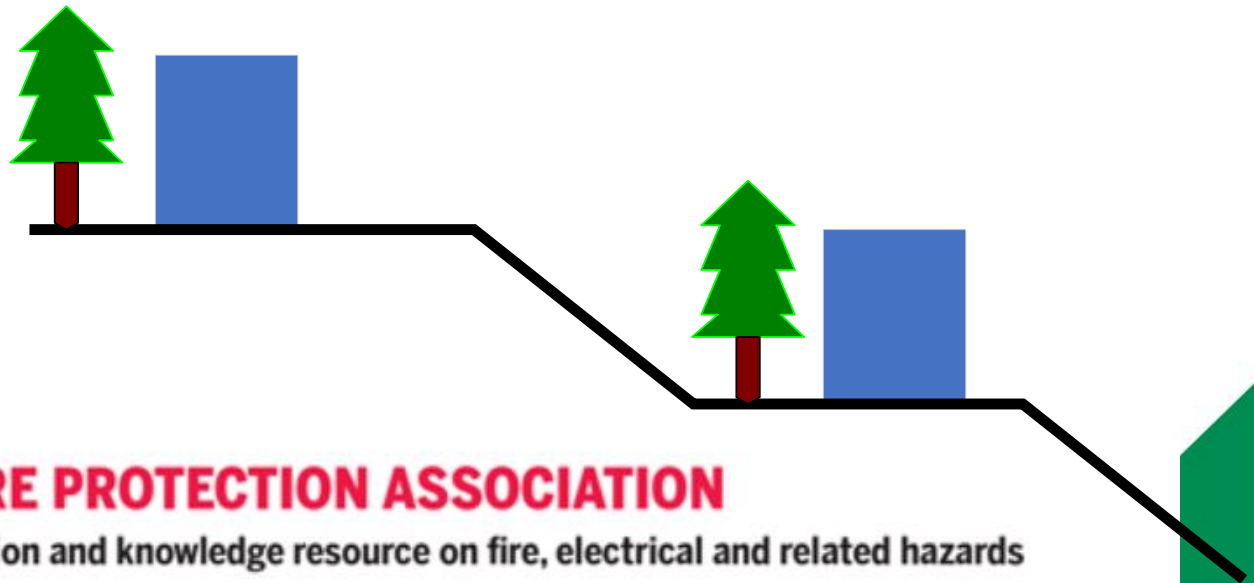
Fire Safety Tree Removals

- Parkland proactively and selectively removed trees from Area 1 and Area 2 to enhance our tank fire safety
- We sincerely apologize for lack of advance notification to residents. This did not meet our communication standards or the standards our neighbours can and should expect.
- Further tree removals are planned in these Areas. Scope of work and replanting/mitigation options will be shared in advance of work re-commencing.



Fire Safety Tree Removals

- We rely upon industry best practices and expert associations & organizations to help inform our safety practices
- Clearing of combustibles from tankage helps mitigate risk & allows access for emergency crews



NATIONAL FIRE PROTECTION ASSOCIATION

The leading information and knowledge resource on fire, electrical and related hazards



Fire Safety Tree Removals

Questions from CAP:

- What was the process that Parkland used to determine that the trees needed to be removed?
- Did Parkland consult with the City of Burnaby prior to removing the trees?
- Did Parkland get the appropriate permits?
- What is the timeline for remediation specifically visual screening and light mitigation?



Traffic



Traffic

- Increased traffic related to our turnaround is anticipated from Fall 2019 to April 2020.
- We are working closely with our Traffic Committee to help address concerns (e.g. preventing workers from traveling from our parking lot southbound onto Gamma)
- We have notified the RCMP about our event and have sought their support for enforcing traffic laws outside of company property.
- We continue to educate our workforce about the importance of safe driving behaviours both inside and outside our fence line.
- We continue to pro-actively manage traffic with:
 - Incentives for i) car pooling, ii) use of busses to / from an offsite lot
 - Flaggers, signs
 - Educating our work force
 - Meetings with neighbours to discuss concerns



Power Outages (continued discussion)



Power Outages

- We have robust safety procedures in place to address power outages and our teams are well-equipped to ensure refinery shutdown and startup can be completed safely
- In the event of a power outage, refinery units will depressurize. This is when our safety systems, specifically our flare stack, will engage to safely combust and vent the material from the units.
- Our operations, maintenance and technical staff then work to systematically bring all units offline. After that we notify the appropriate regulatory agencies, and develop our plan to bring the refinery units online once power is restored.
- Once power is restored and we have developed our startup plan, operations, maintenance and technical staff then work to systematically bring all units back online.
 1. Utilities Systems
 2. Process Units
 3. Product specification tests
 4. Health Checks



Power Outages

Questions from CAP:

- In plain language, how do power outages affect plant operations?
- What critical systems are protected? What is not protected?
- When a substance is released, what are procedures specifically around releases? What was substance that was released in the last power outage? What is the health impact of that release? Does any independent health agency provide assessment of the health impacts from these releases?



Emergency Notification



Emergency Notification

- At this time we do not have any new information about emergency notification as it relates to our facility.
- At our last update in September 2019 we shared that Parkland had met with the City of Burnaby to discuss the new emergency response regulations for our facility. The meeting was positive and we expect that Parkland would provide necessary and appropriate information in the event of a Level 1 or 2 incident, and the City would be responsible for notifying and directing the public for a more significant Level 3 incident.
- We will share relevant updates as they arise



Turnaround



Turnaround

- Our turnaround recently began and will last for approximately 6-9 weeks.
- Work is primarily being completed on our Fluidized Catalytic Cracker (FCC), one of our Crude Units, and on our Sulphur Recover Unit (SRU).
- The refinery is largely shut down and is therefore not processing any product
- As this is a planned maintenance event we do not anticipate any supply shortfalls



Turnaround

Questions from CAP:

- Is the refinery still running during a shutdown?
- What does the Sulphur Recovery Unit do?
- How are the sulphur emissions handled if the refinery is still operating and the sulphur recovery unit is being maintained and not working?*

***Note:** *As the refinery is not running during this turnaround, the Sulphur Recovery Unit is not needed to help remove sulphur from products*



Low-Carbon Policies (continued discussion)

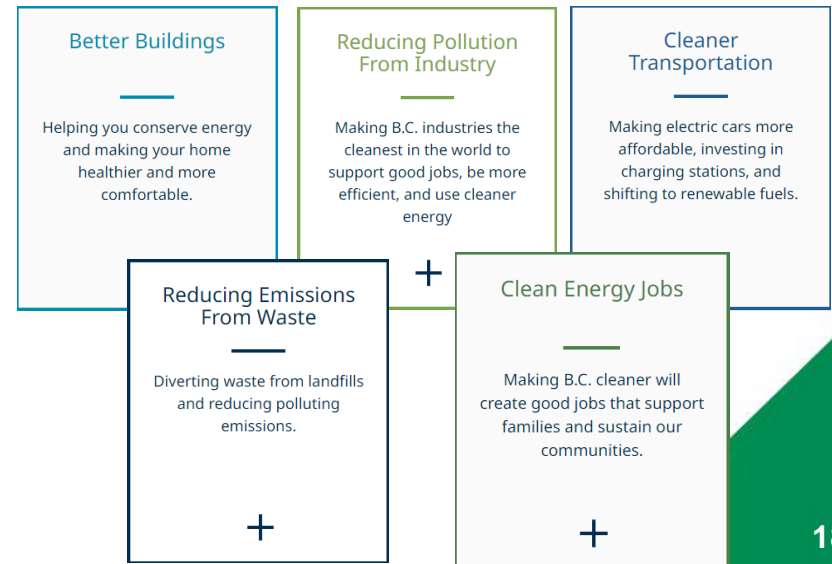


Low-Carbon Policies

- Governments are bringing in significant legislation to reduce greenhouse gas emissions from transportation, buildings and industry
- In BC we have the Low Carbon Fuel Standard (LCFS) and the CleanBC plan
- CleanBC plan is a road map for BC to reduce GHG emissions
- Canada is also bringing in the “Clean Fuel Standard” which is a sweeping legislation for GHG reductions



www.cleanbc.gov.bc.ca





Questions from CAP:

- What is important about this work in simple language?
- What is the impact?
- Does Parkland get federal or provincial funding to undertake these green initiatives?
- What is the implication of government changes in rules and how is this driving Parkland to respond?



Other Questions



Questions from CAP:

- What does Parkland do when they receive a weather warning from wind to snowfall?
- Does Parkland salt Penzance Drive for trucks entering refinery? Do they own snow plows?
- How does weather affect refinery operations?
- Does fuel and other products freeze?

