

Canport Community Environmental Liaison Committee (CCELC) – Communications Report: January - March 2021



1- CCELC Business

Update on Action Items Resulting from previous reports:

- (Q3 2020 Action) Position of CCELC co-chair has been vacant for some time. Please respond if there is an interest among the committee members in becoming co-chair.
 - No responses received to date. Action will remain open.

Other Business:

- **Note:** Any questions and comments submitted will be addressed, and the questions and answers will be captured on the next communications report for the benefit of all members. The next communications report will be issued in July, and will incorporate activities from April to June 2021.
- **Action:** Review the CCELC annual report for 2020 and provide comment by June 1st. If no comment is received, it will be assumed the report has committee approval.



2- Terminal Update

- Monthly operation capacity from January to March is as follows: 33%, 51%, 9%.
- The Terminal has had a slightly lower than expected send out for a Q1.
- As indicated in the previous report, all personnel are back working under a formal COVID-19 mitigation plan, which includes a significant increase in teleworking.
- Maintenance activities have resumed to normal conditions. No current project have been planned



3- LNG Shipments

- There were six shipments of LNG shipment during the January to March period.



4- Community Involvement

For the 1st quarter of 2021, we've provided donations to the following organizations:

- Saint John Regional Hospital Foundation
- Saint John Youth Minor Hockey
- Junior Achievement
- #Give Love Feel Good Campaign
- Make a Wish Foundation (Easter Wish Boxes)

As part of our employee matching program, employees are able to have their donations or volunteer hours matched, which in turn provides a donation to the organization of their choice. So far this year, we've provided donations to the following on behalf of our employees:

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- Habitat for Humanity; and
- 1st Westfield Scouts Group.



5- Water Monitoring

Quantity Background:

(1) Throughout the operation of the Submerged Combustion Vapourizers (SCV's), condensate water is produced, and is discharged to the Bay via the sedimentation basin onsite. As per the Approval to Operate (ATO), there are quantity limits of what can be discharged on a daily basis. The amount of condensate water produced is directly correlated to the natural gas send-out, so in winter months when more natural gas is being sent out, there is more condensate water produced.

(1) Measure daily for quantity of submerged combustion vapourizers (SCVs) water leaving the site via sedimentation basin.

- Limited to 1000m³ / day
- Average daily discharge ranges per month range from a minimum of 73.5 m³ / day to a maximum of 177 m³ / day for the January to March period

(2) To ensure groundwater resources in the area are protected, there is a limit in which groundwater can be withdrawn during the normal operation for the Terminal. Groundwater is used for kitchens, bathrooms, etc., as well as topping up fire water cushion tank as required.

- (2) Measure daily withdrawal of groundwater
 - Limited to 50 m³/day
 - Average daily usage ranges for the January to March period was 16 m³/day.

Quality Background: In addition to the condensate water, there are other sources of water that runs into the sedimentation basin prior to discharging into the Bay. Those sources include outdoor stormwater drains and surface water runoff. To ensure the quality of water discharging to the Bay has not become impacted by Terminal operations, routine monitoring is conducted on over 50 parameters.

- Measure weekly for pH
 - Limited to 6.0 to 9.5
 - All pH ranges for this period were within this range
- Measure monthly for general chemistry, trace metals, hydrocarbons, mercury, and sulphur
 - All are within their stipulated ranges for this period
- Measure bi-annually for BOD and fish toxicity
 - There was no fish toxicity testing completed during this period.

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6- Air Emissions

Atmospheric Monitoring Background: Air emissions result from the combustion of fuels, such as natural gas burned to run the SCVs, natural gas that is flared, and hydrocarbons used to operate the back-up generators.

- Air emissions monitoring consists of monitoring parameters such as Greenhouse Gases (Carbon Dioxide, Methane, Nitrous Oxide), and other emissions such as Sulphur Dioxides, Nitrogen Oxides, Particular Matters, Carbon Monoxides, etc.
 - There are annual limits for these emissions based on the Approval to Operate. All of the parameters are measuring well below their limits.
 - There are also reporting limits, in which if they are met, they must be reported to governing authorities. Government reporting is further described under section 8 below.



7- Incidents

- No significant environmental incidents



8- Government Reporting

This section describes any reporting to the provincial or federal governments during the January to March 2021 timeframe.

- Environmental Protection Plan for the facility was updated and submitted to New Brunswick Department of the Environment and Local Government. This is an annual requirement as per the Terminal's Approval to Operate.
- Bi-Annual Environmental Monitoring Report submitted to the New Brunswick Department of the Environment and Local Government. This is a bi-annual requirement as per the Terminal's Approval to Operate.
- Greenhouse Gas report was consolidated and submitted to the New Brunswick Department of the Environment and Local Government as per the Terminal's Approval to Operate.



9- Questions / Comments from CCELC

Questions/Comments on the Communications Report

- None Received

General Questions/Comments

- None Received

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10-Attachments

- CCELC Annual Report (2020)