

# Canaport Community Environmental Liaison Committee (CCELC) – Communications Report: April – June 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.
- (Q1 2021) Review the CCELC annual report for 2020 and provide comment by June 1st.
  - No responses received by the June 1<sup>st</sup> deadline. Approved as is.

Other Business:

- **Note:** Any questions and comments submitted will be addressed, and the questions and answers will be captured on the next communications report / committee meeting for the benefit of all members.
- **Note:** Whereas New Brunswick has entered the COVID-19 green phase, we will plan to resume in person meetings in December.



## 2- Terminal Update

- Monthly operation capacity from January to June is as follows: 23%, 35%, 6%, 1%, 1%, 1%.
- Repsol can confirm it has signed an agreement to assume full ownership of Canaport LNG pending still certain precedent conditions before closing is final. With this deal, Repsol will gain flexibility and control over operations at the Canaport LNG terminal which will allow it to optimize the efficiency and value of the facility.
- Maintenance activities have resumed to normal conditions. No current projects have been planned.



## 3- LNG Shipments

- There were six shipments of LNG shipment during the January to March period. No shipments have occurred in the second quarter of 2021.



## 4- Community Involvement

For the 1<sup>st</sup> and 2<sup>nd</sup> quarter of 2021, Canaport LNG has provided donations to the following organizations:

- Saint John, Boys & Girls Club
- New Brunswick, Make a Wish Foundation
- River Valley, Community Centre
- New Brunswick, NB Copes Child & Family Grief Centre

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- Saint John, Area 506 Concert
- Saint John, SJ Theatre Company
- Saint John, YMCA Lead Program
- Saint John, Steam Summer Program
- Saint John, Carleton Community Centre
- Saint John, United Way

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:

- Habitat for Humanity; and
- 1<sup>st</sup> 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 1000m<sup>3</sup> / day
- Average daily discharge for the second quarter was 0.34 m<sup>3</sup> / day.

(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 m<sup>3</sup>/day
  - Average daily usage for the April to June period was 24 m<sup>3</sup>/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

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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
  - Fish toxicity testing occurred in April, and no fish mortalities occurred.



### **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 occurred on site during this period.



### **8- Government Reporting**

This section describes any reporting to the provincial or federal governments during the April to June 2021 timeframe.

- Greenhouse Gas Emissions report was submitted to Environment Canada and the New Brunswick Department of the Environment and Local Government. Greenhouse Gas Emissions totalled 18,165 tonnes.

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### **9- Questions / Comments from CCELC**

Questions/Comments on the Communications Report

- None Received

General Questions/Comments

- None Received



### **10-Attachments**

- N/A