

ENVIRONMENTAL PROTECTION NOTICE

Application for permit approval under the provisions of the *Environmental Management Act*

We, FortisBC Energy Inc. (FortisBC) intend to submit this application to the Director to authorize the discharge of effluent from an excavation for an HDD entry pit to support pipeline installation. FortisBC has constructed a pipeline interconnect station to receive renewable natural gas (RNG) from a biogas upgrading facility at the Village Farms greenhouse site in Delta, BC. The Village Farms greenhouse site is located at 4700 80 St, Delta, BC. To deliver the upgraded RNG to customers, FortisBC proposes to install 320 m of NPS 6 Intermediate Pressure Steel (IPST) pipeline. The source(s) of discharge is a groundwater aquifer mapped below the proposed excavation on the north side of Ladner Trunk Road.

The 320 m pipeline installation will span from the Village Farms greenhouse site to just north of Ladner Trunk Road in Delta, B.C. The source of the discharge will consist of groundwater, intercepted during excavation north of Ladner Trunk Road related to pipeline installation activities. The land upon which the discharge activities will occur is between Ladner Trunk Road and Highway 99 (lat: 49.0900740172692°, long: -122.99097390586638°).

The maximum rate of treatment and discharge of groundwater will be 98.4 L/min, for 24 hours a day, up to a 20 day period. The characteristics of the effluent are as follows:

Parameter	Maximum Concentration	Unit
Dissolved Iron	793	µg/L
Total Iron	2500	µg/L

The type(s) of treatment to be applied to the discharge is/are:

Various water treatment methodologies will be implemented to achieve regulatory compliance. Treatment may include (at a minimum), filtration, flocculant addition and/or metals precipitation. A qualified professional will conduct regular monitoring, sampling, and analysis to ensure compliance with the BC Approved Water Quality Guidelines, prior to discharge; with the exception of the following:

- FortisBC proposes the upper 95% confidence limit of the surface water analytical results for total and dissolved iron be considered as site specific discharge limits as follows:
 - The total iron limit be set at 11,300 µg/L; and
 - The dissolved iron limit be set at 20,750 µg/L.

Any person who may be adversely affected by the proposed *discharge* of waste and wishes to provide relevant information may, within 30 days after the last date of posting, publishing, service or display, send written comments to the applicant, with a copy to the Director, Environmental Protection at waste.management@bc-er.ca. The identity of any respondents and the contents of anything submitted in relation to this application will become part of the public record.

Dated this: 4TH day of February, 2025.

Contact person: Joanne Hunton-Sehdev

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Phone: 604-868-4518

A handwritten signature in black ink, appearing to read 'Joanne Hunton-Sehdev', with a stylized circular flourish at the end.

(Signature)