

ENVIRONMENTAL PROTECTION NOTICE

Application for a Permit Amendment Under The Provisions of the *Environmental Management Act*

Aitken Creek Gas Storage Ltd., a subsidiary of Enbridge Inc., intends to submit a permit amendment application to the Director to authorize the discharge of air emissions from new equipment associated with the Aitken Creek Optimization Project (the Project), as well as the removal of existing equipment that will be decommissioned as part of the Project. The source(s) of discharge are as follows:

- sweet natural gas combustion from reciprocating engine driven compressors, turbine compressor, power generators, regenerators, and flares

The land upon which the facility will be situated, and the discharge will occur at is Aitken Creek Gas Storage Facility, located 100 km northwest of Fort St John, British Columbia and within:

- Parcel A, Plan PGP4662, District Lot 3964 & 4013, Peace River Land District
- Lot 1 Plan BCP4381, District Lot 794 & 4088, Peace River Land District
- NTS d-44-L/94-A-13

The total maximum rate of air emissions discharged from equipment at this facility is 79.85 standard cubic meters per second. The operating period for this facility is 24 hours/day, 7 days/week. The characteristics of the discharge are that of sweet natural gas combustion and include emissions of oxides of nitrogen (NO_x), sulphur dioxide (SO₂), particulate matter (PM_{2.5}), carbon monoxide (CO), and volatile organic compounds (VOC). Total maximum emission rates from equipment at this facility for normal operations are:

- NO_x 12.6647 grams per second
- SO₂ 0.0840 grams per second
- PM_{2.5} 1.3998 grams per second
- CO 93.6991 grams per second
- VOC 3.7346 grams per second

The Project design incorporates several pollution control measures to reduce air pollution, including equipment electrification, lean-burn engine fuel management systems, recycle compressor systems, and vapour recovery units (VRUs).

An air quality assessment has been completed. The Project is planned to be commissioned in two phases: Phase 1 in the fourth quarter of 2026 and Phase 2 in the fourth quarter of 2027. Total maximum hourly NO₂ emissions for the Facility are expected to decrease by 45% relative to current operations under Phase 1 and by 61% under Phase 2.

Predicted 1-hour and annual average concentrations are greater than the BC Air Quality Objectives(AQO). These are predicted to occur in along the Facility fenceline . Overall, the Project is predicted to result in a positive effect (reduction in predicted concentrations) on local air quality.

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 Stewardship, BC Energy Regulator at 6534 100 Ave, Fort St. John, BC, V1J 8C5 or email 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

June 26, 2026

(Signature)

Jade Rowe

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