

ENVIRONMENTAL PROTECTION NOTICE

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

We, Gitxsan Forests Inc, Suite 203 – 4841 Delta Street, Delta, BC, V4K 2T9, intend to submit this application to the Director to authorize the discharge of air emissions from a torrefied pellet plant. The source of the primary discharge is related to particulate matter (PM) collection and treatment. Further details on the emission sources are provided below.

The source(s) of discharge are two smaller dryers and two larger dryers, as well as two dust collectors and a cyclone that treats the exhaust from the facility hammermills and pellet cooler. These sources are summarized in Table 1, with their maximum exhaust flow rate and PM concentration levels. The operating period for this facility will be continuous, 24 hours/day and 365 days/year. The land upon which the facility will be situated and the discharge will occur is LOT A DISTRICT LOTS 699 and 777 CASSIAR DISTRICT PLAN EPP32108, land owned by Gitxsan Forests Inc located at 1425 Aldous Street, South Hazelton, VOJ 2J1, within the District of New Hazelton.

Table 1: Emission Summary

Emission Source	PM (total) mg/Nm ³	PM ₁₀ mg/Nm ³	PM _{2.5} mg/Nm ³	Volumetric (Nm ³ /hour) ¹	Flow
Large dryer #22	20	20	18	45,000	
Large dryer #23	20	20	18	45,000	
Small dryer #24a	20	20	18	23,000	
Small dryer #24b	20	20	18	23,000	
Dust collector #61	10	9.8	7.4	40,000	
Dust Collector #54	10	9.8	7.4	40,000	
Cyclone	120	68.4	68.4	12,000	

Notes: ¹ Normal flow conditions defined to be moisture free, atmospheric pressure, 20 °C;

Nm³/hour = normal cubic metres per hour;

PM₁₀ = PM of aerodynamic diameter 10 microns or less; PM_{2.5} = PM of aerodynamic diameter 2.5 microns or less

The type(s) of treatment to be applied to the discharge are: CARBONFX technology drying process for the four dryers; baghouse dust collection for the two dust collectors; and a cyclone for the treatment of the hammermill and cooler exhaust.

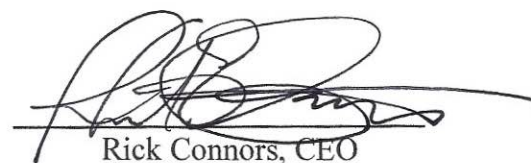
Any person who may be adversely affected by the proposed discharge of waste and wishes to provide relevant information may, within 30 days after the last date of posting, publishing, service or display, send written comments to the applicant, with a copy to the Director, Environmental Protection at authorizations.north@gov.bc.ca or by mail to 400-640 Borland Street, Williams Lake BC, V2G 4T1. The identity of any respondents and the contents of anything submitted in relation to this application will become part of the public record.

Please contact the undersigned for additional information.

Dated this 5th day of September, 2019.

Contact person: Rick Connors

Email address: rick@gitxsanbusiness.com Phone: 604-940-1213



Rick Connors, CEO