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9370 Smiley Road, Chemainus, BC V0R 1K4 Canada

Application No. 111835

ENVIRONMENTAL PROTECTION NOTICE

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

We, **Canadian Bavarian Millwork & Lumber Ltd., 9730 Smiley Road, Chemainus, BC V0R 1K4**, intend to submit this application to the Director to authorize the discharge of air contaminants from a wood remanufacturing and lumber processing facility. The sources of discharge include **five dust-collection baghouse systems, one cyclone separator, three biomass-fired boilers, two lumber-drying kilns, and one emergency diesel generator.**

The land upon which the facility is situated, and the discharge occurs, is located at **9730 Smiley Road, Chemainus, BC** (48.907409° N, 123.733865° W), within the **Municipality of North Cowichan, Cowichan Valley Regional District.**

The maximum concentration of total particulate matter (TPM) discharged from the baghouse dust collectors is **22.9 mg/Nm³**; from the cyclone separator, **2,288.3 mg/Nm³**; and from the biomass boilers, **350 mg/Nm³**. The kilns discharge primarily water vapour with trace quantities of volatile organic compounds (VOCs) typical of drying lumber. The emergency generator operates a maximum of **40 hours per year** for backup power only. The facility operates up to **16 hours per day** for production equipment and **24 hours per day** for boilers and kilns. The estimated emissions from these sources are summarized in the table below:

Source	Emissions (metric tonnes per year)
Baghouses (A-D combined)	6.02 t/yr (TPM) until July 31, 2027
Baghouses (A-C + E combined)	6.45 t/y (TPM) after July 31, 2027
Cyclone / blower	0.92 t/yr (TPM) until July 31, 2027
Biomass fired boilers (1-3 combined)	4.84 t/yr (TPM)
Lumber-drying kilns (1-2 combined)	0.03 t/y (TPM) and t/yr (VOCs)

The type of treatment to be applied to the discharge is **fabric bag filtration** for dust-collection systems and **multicyclone particle separation** for the biomass boilers. The cyclone separator and Baghouse D will be **permanently decommissioned by July 31, 2027**, and replaced by a new, higher-efficiency baghouse (Baghouse E), which will reduce facility TPM emissions.

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 at the address above, with a copy to Director, Environmental Protection at Industrial.Waste.Authorizations@gov.bc.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 5 day of June 2026.

Alexander Daether
(Signature)

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