

ENVIRONMENTAL PROTECTION NOTICE

APPLICATION FOR A PERMIT UNDER THE PROVISIONS OF THE ENVIRONMENTAL MANAGEMENT ACT

We, Comox Valley Regional District, 770 Harmston Avenue, Courtenay, BC, V9N 0G8, intend to submit this permit application to the Director for construction and operation of an organic matter recycling composting facility.

The land upon which the facility is situated is BLOCK J, DISTRICT LOT 85, SAYWARD LAND DISTRICT, located at 6300 Argonaut Road, Campbell River, BC.

The facility will accept organic wastes including food scraps and green waste (trimmings/wood) with a capacity of 14,500 wet tonnes per year to produce Class A compost. The receiving of organic wastes will take place daily within a fully enclosed building, minimizing noise and odour. All composting activities will be conducted on impervious surfaces under covered buildings. The composting process will take place under GORE cover that reduces the odours up to 90%. Air in the receiving building will also be captured through an HVAC system and then treated using a biofilter to remove odours. The finished compost will be stored under a covered building. Some odours will be emitted from the storage and maturation piles that are typical odours of cured compost.

Leachates from compost will be managed on impervious surfaces and recycled, and will not have an impact on groundwater quality or supply. Leachate from organic waste within the buildings will be collected in sealed tanks and reused as part of the composting process. Leachate will not be discharged to the environment during the composting process. Runoff outside of the buildings on areas where mobile equipment may track compost will be collected in a lined holding pond where it will be aerated to remove excess nutrients, and sediment will be removed. The resulting treated water will be discharged into an infiltration pit. The discharge rate will always remain less than 263 m³/d. The characteristics of the discharge in terms of potential pollution-causing substances are as follows:

Parameter	Concentration in discharges to ground
Nitrate	10 mg/L
Nitrate	1 mg/L
Ammonia	3.7 mg/L
Phosphorus	15 mg/L
Chloride	2,500 mg/L
Biochemical oxygen demand	45 mg/L
Total suspended solids	45 mg/L

Any person who may be adversely affected by the proposed application 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 Regional Director, Environmental Protection at 2080-A Labieux Road, Nanaimo, BC, V9T 6J9, via email: Authorizations.South@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. A copy of any comments submitted should also be sent to the CVRD at: cmakinson@comoxvalleyrd.ca

Dated this 12th day
of May 2021.



comoxvalleyrd.ca   