ENVIRONMENTAL PROTECTION NOTICE

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

We, Ascot Resources Ltd., 1050 – 1095 West Pender Street, Vancouver, BC, V6E 3S7, intend to submit this application to the Director to authorize the discharge of air emissions from a gold mine. The sources of discharge are the portals, exhaust raises, fugitive dust, assay lab, carbon reactivation kilns, elution heater, process ventilation, gold drying oven and barring furnace, reagent dust collectors, crusher conveyor, reclaim feeder, open burning wood waste and associated products, and auxiliary fuel fired refuse incinerator.

The land upon which the facility is situated and the discharge will occur is the Premier Gold Mine, located approximately 25 kilometres (km) north of Stewart, BC, within the Salmon River watershed, in the Kitimat Stikine Regional District. The Premier Gold Mine is located within the Nass Area, Nisga'a Lands, and within the Aboriginal Interest Area of the Tsetsaut/Skii Km Lax Ha.

The maximum rate of air emissions discharged from this facility is shown in the table below. The operating period for this facility will be 24 hour/day, 7 days/week. The characteristic of the air emissions discharged are shown in the table below. The types of treatment to be applied to the discharge are shown in the table below.

Source	Maximum Rate (m^3/s)	Maximum Contaminant Concentration (mg/m^3)		
		NO_x	CO	TSP
Premier Northern Lights (PNL) Portal	14.0	29	37	10
PNL Ramp Exhaust Raise	137	29	37	10
S1 Portal (Big Missouri / Silver Coin Area)	12	29	37	10
Zone A Exhaust (Big Missouri / Silver Coin Area)	102	29	37	10
South Portal (Big Missouri / Silver Coin Area)	4	29	37	10
Silver Coin Vent Raise Exhaust	170	29	37	10
Two carbon reactivation kilns through a single stack at the Mill	0.55			20
Elution heater	0.75	100		
Process Ventilation	5			10

Gold Drying Oven and Barring furnace at the Mill Treatment: High temperature multimedia (polyester membrane and activated carbon) filter and related appurtenances.	3.83			20
Reagent Dust Collectors	2.1			20
Crusher Conveyor (March 1, 2024 – March 1, 2025) Treatment: Wet suppression with reagent	N/A	Total Suspended Particulate (TSP)		25 t/yr
Crusher Conveyor Treatment: Baghouse	3.13			20
Reclaim Feeder (March 1, 2024 – March 1, 2025) Treatment: Wet suppression with reagent.	N/A	Total Suspended Particulate (TSP)		3 t/yr
Reclaim Feeder Treatment: Baghouse.	2.08			20
Open burning wood waste and associated products	N/A	Carbon Monoxide (CO) Volatile Organic Compounds (VOCs) Nitrogen Oxides (NO_x) Sulfur Oxides (SO_x) Ammonia (NH_3) Total Suspended Particulate (TSP)		7.56 t/yr 1.62 t/yr 0.54 t/yr 0.09 t/yr 0.1 t/yr 1.44 t/yr
Auxiliary Fuel Fired Refuse Incinerator Treatment: Auxiliary fuel fired dual-chamber controlled-air incinerator with temperature monitoring and recording equipment and related appurtenances.	0.33			20
Materials handling, transportation, wind erosion and material stockpiles	N/A	Total Suspended Particulate (TSP)		350 t/yr
Assay Lab Treatment: a dust baghouse, a lead baghouse, a wet chemical scrubber servicing the wet chemistry lab, a wet chemical scrubber servicing the environmental lab, and related appurtenances.	9.72			20

Any person who may be adversely affected by the proposed discharge of air emissions 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 Environmental Protection Officer at (Breanne.hill@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 5th day of February, 2024.

Dianna Stoopnikoff

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