

ENVIRONMENTAL PROTECTION NOTICE

Application for a(n) *Permit Amendment and New Authorization* Under The Provisions of the *Environmental Management Act*

Skeena Resources Limited, Suite 2600, 1133 Melville Street, Vancouver, BC, V6E 4E5, intend to submit this amendment application to the Director to amend *Permit PR-12977 (Job No. 408471)* issued *November 6, 1996 and last amended July 26, 2020* which authorizes the *discharge of refuse to ground and air contaminants to air generated* from *Eskay Creek Mine Camp Complex*. *Skeena Resources is also seeking (Permit PA-112023 Job No. 432139) authorization to discharge contaminants to air from the Permitted Mine Area.*

The land upon which the facility is situated is *Mining Lease 450, Tenure Number 306286.*, located at/on/near the *Eskay Creek Mine* within the *Ketchum Creek Watershed*. *The Eskay Creek Mine is located in northwestern British Columbia. The Mine is located approximately 135 km south of Iskut, BC and 83 km northwest of Stewart, BC within the territory of the Tahltan Nation and the asserted traditional territory of the Tsetsaut Skii km Lax Ha. The majority of the discharges occur within the same Lease and Tenure. However, sewage sludge generated from the sewage treatment plant at the Eskay Creek Mine Camp Complex is disposed of at an approved facility located along the Eskay Creek Mine Access Road.*

The *PR-12977 (Job No. 408471)* amendment requests that the following conditions be changed:

Sewage Sludge Disposal:

- *Increase maximum discharge rate of sewage sludge to the pit from 12.5 m³/yr to 50 m³/yr.*
- *Change the characteristics of the sewage sludge discharge from a rotating biological contactor to engineered membrane filtration system.*
- *Servicing three camp accommodation facilities.*

The *PA-112023 (Job No. 432139)* new authorization requests the following:


1. *Increase maximum amount of wood and associated products to be open burned from 30 m³/yr. to 120 m³/yr.*
2. *Air Contaminants from Incinerators:*
 - a. *Expected maximum estimated air emission rates from each incinerator:*
 - i. *Oxides of Nitrogen = 0.00622 grams per second*
 - ii. *Sulphur Dioxide = 0.00198 grams per second*
 - iii. *Volatile Organic Compounds = 0.0313 grams per second*
 - iv. *Lead = 0.0000228 grams per second*
 - v. *Total Suspended Particulates = 0.00239 grams per second*
 - vi. *Particulates 10 microns or smaller = 0.00238 grams per second*

vii. *Particulates 2.5 microns or smaller = 0.00237 grams per second*

- *Three incinerators used for incinerating putrescible organic waste from three camp accommodation facilities.*
 - *Maximum rate of refuse burned from each incinerator is 75 kg/hour.*
3. *Air Contaminants generated from an approved Assay Lab under Environmental Management Act Temporary Approval 111626:*
- a. *Assay Lab Stack 1 - discharge of air from receiving, drying, crushing, and splitting lab operations which includes exhaust from dryers and oven = Total Suspended Particulate (TSP) will not exceed 1.75 grams per day.*
 - b. *Assay Lab Stack 2 - discharge of air from furnace fume hoods in the fire lab and fluxing and pulverizing hoods in Module #2). Characteristics of discharge will not exceed Total Suspended Particulate (TSP) 1.75 grams per day and Lead 69 milligrams per day.*
 - c. *Assay Lab Stack 3 – (discharge of air from fume hoods in the chemistry and enviro labs in Module #3.) =Characteristics of discharge will not exceed Total Suspended Particulate (TSP) 155 grams per day, Nitrous Oxides 0.26 grams per day, and Sulphur Dioxide 8.1 milligrams per day.*
- *Authorizing the discharge of Fugitive Dust from the Permitted Mine Area.*
 - *Authorizing the discharge of air from the Assay Lab from:*
 - *receiving, drying, crushing, and splitting lab operations which includes exhaust from dryers and oven.*
 - *furnace fume hoods in the fire lab and fluxing and pulverizing hoods.*
 - *chemical fume hoods in the chemistry and environmental labs.*
4. *Air Contaminants generated from a Temporary Mobile Crusher and Screener:*
- a. *Expected maximum air emission rates from temporary mobile crushing process.*
 - i. *Total Suspended Particulates = 1.654 grams per second*
- *Authorizing the discharge of contaminants to the air from a temporary mobile crusher and screener within the Permitted Mine Area.*

Any person who may be adversely affected by the proposed amendment 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 env.miningauthorizations@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 24 day of April 2024.



(Signature)

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