



Ruby Creek Molybdenum Mine - Tailings Impoundment Area in headwaters of Ruby Creek

Surprise Lake (BC)

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Reference Numbers

Canadian Environmental Assessment Registry: 08-01-23875

Fisheries and Oceans Canada: 05-HPAC-PA1-000-000024

Environmental Assessment Type

Screening

Responsible or Regulated Authorities

Fisheries and Oceans Canada

Reasons for a Federal Assessment

On September 4, 2008, it was determined that an environmental assessment was required in relation to the project because Fisheries and Oceans Canada considered taking action in relation to paragraphs 36(5)(a) to (e), where the regulation made pursuant to those paragraphs contains a provision that limits the application of the regulation to a named site of the *Fisheries Act* and to subsection 35(2) of the *Fisheries Act*.

Project Description (as posted in the Notice of Commencement)

Adanac Molybdenum Corporation proposes to develop the Ruby Creek Molybdenum Mine, an open-pit mining operation with an estimated ore production capacity of 20,000 tonnes per day for a mine life of 20 years or more, and associated infrastructure including a milling facility, waste rock dumps, ore stockpiles, tailings disposal pond (tailings impoundment area), dams required for the tailings disposal pond, diesel-fuelled power plant, maintenance shops, administration buildings, employee accommodation and access roads. The proposed development is located 24 kilometres northeast of the community of Atlin and 80 kilometres south of the British Columbia - Yukon border in north-western British Columbia.

Fisheries and Oceans Canada has determined that the scope of the project for the federal environmental assessment pursuant to the Canadian Environmental Assessment Act will be the construction, operation, decommissioning and abandonment of the main dam and the seepage recovery dam in the headwaters of Ruby Creek and the slurry (tailings) pipeline from the milling facility to the tailings disposal pond, and will include the removal and disposal of vegetation and overburden soils from the footprint area of the tailings disposal pond (tailings impoundment area) and the deposit of a deleterious substance (tailings and potentially acid-generating waste rock) into the tailing disposal pond.

Fisheries and Oceans Canada has determined that the public will be provided with an opportunity to examine and comment on the screening report and any

record relating to the project that has been included in the Registry before taking a course of action under section 20 of the Canadian Environmental Assessment Act.

Environmental Assessment Report

Screening Report - Ruby Creek Molybdenum Mine - Tailings Impoundment Area in headwaters of Ruby Creek

Final Decision

A decision was taken on March 27, 2009 and was that the authority may exercise any power or perform any duty or function with respect to the project because, after taking into consideration the screening report and taking into account the implementation of appropriate mitigation measures, the authority is of the opinion that the project is not likely to cause significant adverse environmental effects.

Date Modified: 2012-12-05

