



Conservation and Climate

Environmental Stewardship Division
Environmental Approvals Branch
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File: 557.10

October 31, 2019

Mr. Lyle Safronetz
Vale Canada Inc.
P.O. Box 5000
Thompson, MB R8N 1P3

Dear Mr. Safronetz:

Re: Vale Canada Incorporated – Notice of Alteration - Environment Act Licence No. 960VC

Receipt of the May 27, 2019 submission and September 16, 2019 additional information is acknowledged as a notice of alteration in accordance with Section 14 of The Environment Act.

The requested change to the Development as Licensed is to treat eluate from the Birchtree Mine Eluate Treatment Plant directly in the tailings management area.

Specifically, the request is to bypass the copper ponds and mill and deposit the eluate directly into the tailings management area by truck. A hose which is connected to a 3" fill pipe, extending from a concrete bunker of the 48" sewer pipe will be utilized for a controlled deposit. The pH will be managed with the addition of lime in the Cell B Lime Deposition Location and Sampling Point.

The potential environmental effect of the requested change to the Development as Licensed is insignificant and considered to be a minor alteration in accordance with Section 14(2) of The Environment Act. Approval is hereby granted for the treatment of eluate directly in the tailings management area as described in the May 27, 2019 submission and September 16, 2019 additional information.

If you have any questions, please contact Jennifer Winsor, P.Eng. at 204-945-7012.

Yours sincerely,

Siobhan Burland Ross, M.Eng., P.Eng.
Director
Environment Act

c. Jennifer Winsor – Environmental Approvals Branch
Jeff Fountain/ Peter Crocker/ Shannon Kohler – Environmental Compliance and Enforcement
Public Registries