



**Conservation and Water Stewardship**

Environmental Stewardship Division  
Environmental Approvals Branch  
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**File: 557.10**

March 27, 2015

Mr. Dave McDonald  
Vale, Manitoba Operations  
P.O. Box 5000  
Thompson, MB R8N 1P3

Dear Mr. McDonald:

**Re: Vale - Environment Act Licence No. 960VC - T-1 Mine, Mill: Tailing Delivery System and Effluent Treatment Facility: Dam B Raise – Notice of Alteration**

Receipt of your November 6, 2014 and February 20, 2015 submissions is acknowledged as a notice of alteration in accordance with section 14 of *The Environment Act*.

The requested changes to the Development as Licensed are to raise and extend Dam B of the tailings management area and to construct a new low-height dam downstream of Dam B. More specifically, it is proposed to raise the existing Dam B crest by approximately 7 ft, which would necessitate the expansion of the dam by approximately 1,000 ft to the northeast and the construction of a saddle dam extending approximately 1,100 ft to the west. The construction of the new low-height dam downstream of Dam B would include an integrated outlet structure.

The potential environmental effects of the requested changes to the Development as Licensed are considered to be significant; therefore, in accordance with section 14(3) of *The Environment Act*, the alterations are considered to be major alterations requiring the submission of an Environment Act Proposal in accordance with section 11 of *The Environment Act*.

The potential environmental effects were determined to be significant due to factors including: the size of the expansion to Dam B; the new construction of the low-height dam; and the clearing and grubbing that would be required for construction. This determination of significance is consistent with similar Developments within the province.

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

Yours sincerely,

***“original signed by”***

Tracey Braun, M.Sc.  
Director

- c. Don Labossiere, Director – Environmental Compliance and Enforcement Branch,  
Manitoba Conservation and Water Stewardship  
Tim Prawdzik, Provincial Manager - Environmental Compliance and Enforcement  
Branch, Manitoba Conservation and Water Stewardship  
Jeff Fountain, Environment Officer - Environmental Compliance and Enforcement  
Branch, Manitoba Conservation and Water Stewardship  
Public Registries