

April 13, 2017

Mr. Pat Hallinan
Department of Ecology
Eastern Regional Office
4601 North Monroe Street, Suite 202
Spokane, WA 99205-1295

Re: Echo Bay Minerals - State Waste Discharge Permit ST0008033 Release Report

Dear Pat,

This submission is being provided in accordance with S3.E.b of State Waste Discharge Permit ST0008033 as written follow-up to verbal notification provided on April 10, 2017. On April 8, treated reclaim water was released out of containment and onto the soil when a valve associated with the wet scrubber system in the primary crusher building did not close properly.

The release was identified at approximately 7:30pm and the water shut-off immediately. The wet scrubber tank over-flowed into containment, however, an estimated 100-150 gallons of reclaim water left containment and was released onto the soil. Approximately 24-28 cubic yards of soil was excavated to ensure all of the treated reclaim water was removed and managed appropriately.

Activities taken to reduce, eliminate, and prevent recurrence of the noncompliance included:

- 1) Investigation and testing to identify cause of the issue.
- 2) Placement of a secondary valve between the main valve and scrubber. Procedures were updated to include that operators close this valve and the main valve to eliminate potential flow to the scrubber system during non-crusher operation hours.
- 3) Procedures updated to include additional checks of this system during off-hours to ensure there is not water flow.

Please contact me at 509-775-8531 if you have any questions or require additional information.

Sincerely,
Echo Bay Minerals Company



Gina Myers
Environmental Manager

Key Mill Site

Treated Reclaim Water Release
April 8, 2017

Location of Release

