



Ministry of Environment
Inspection Record

Environmental
 Protection
 Division

EP System: <u>AMS</u>	Inspection Status: <u>FINAL</u>
System Number: <u>11678</u>	Inspection No: <u>17766</u>
EP System Status: <u>Active</u>	Inspection Date: <u>2014-07-10</u>
Region: <u>Cariboo</u>	Office: <u>Williams Lake</u>
Trigger: <u>Planned</u>	Incidents of Non-Compliance Observed: <u>Yes</u>
Non-Compliance Decision Matrix Level: <u>Level 1</u>	Non-Compliance Decision Matrix Category: <u>Category A</u>
Inspector Name(s): <u>Jack Green</u>	Risk Ranking: <u>1 to 2 = Medium</u>
Audit: <input type="text"/>	Total Non-Compliance(s): <u>2</u>
Regulated Party: <u>Mount Polley Mining Corporation 2</u>	
Regulated Party Contact(s): <u>Colleen Hughes</u>	
Mailing Address: <u>PO Box 12 Likely, BC V0L 1N0</u>	
Phone No: <u>(250)790-2215</u>	Fax No: <input type="text"/>
Contact Email: <u>chughes@mountpolley.com</u>	
Location Description or Site Address: <u>Mount Polley is an open pit copper/gold mine located near Likely BC.</u>	
Latitude: <u>52.54547</u> N	Longitude: <u>121.63433</u> W
Receiving Environment(s): <u>Surfacewater</u>	

Summary

MONITORING AND REPORTING REQUIREMENTS	
Inspection Period: From: 2014-05-24 To: 2014-07-10	
Requirement Source:	
Activity: <u>Office Review</u>	Waste Type: <u>Effluent</u>
Inspection Summary: Loss of operating condition freeboard at tailings storage facility due to "extended weather event". As of 24 May 2014 freeboard was at 0.6m. Measures taken by permittee include diversion of all water collection systems from TSF, pumping of water from TSF to Cariboo Pit and targeted raising of till core at lower elevations of embankment. The permittee has also been working with the design engineer (AMEC) to identify the most critical areas of low freeboard elevation for core construction. Increased freeboard monitoring and weekly reporting frequency were undertaken as required.	Response: <u>Advisory</u>

Compliance Summary	In	Out	N/A	N/D
Discharge	0	1	0	0
Reporting	0	1	0	0

Inspection Details

Requirement Type: <u>Reporting</u>
Requirement Description: 2.1 Maintenance of Works and Emergency Procedures The permittee must inspect the pollution control works regularly and maintain them in good working order. In the event of an emergency or condition beyond the control of the permittee which prevents continuing operation of the approved method of pollution control or which impairs the operation of approved works, the permittee must notify Environmental Protection: a) By telephone if the condition occurs between the hours of 08:00 and 16:30, Monday to Friday on normal working days; and b) By facsimile transmission if the condition occurs at any other time. All such reports must be received within 24 hours of detection of occurrence. In addition, emergencies involving spills to the environment (as defined in the Spill Reporting Regulation) must be reported immediately to the Provincial Emergency Program.
Details/Findings: Notification of loss of operating condition freeboard at tailings storage facility was not received until 15:25 on Monday 26 May 2014. It has been reported that loss of freeboard was first noticed on Saturday 24 May 2014.

Compliance: Out

Requirement Type: Discharge

Requirement Description:

2.4.4 The tailings impoundment must provide 1.0 metre of freeboard plus storage for the Probable Maximum Precipitation (PMP), and all other effluent storage ponds, seepage ponds, and surface run-off ponds must provide at least 0.5 metre of freeboard, up to a 1 in 200 year 24 hour storm event. If at anytime freeboard in the tailings impoundment is reduced to less than 1.0 metres plus the PMP, or less than 0.5 metres in any other pond, the permittee must notify Environmental Protection following procedures in Section 2.1 of this permit. After initially reporting such an occurrence, the permittee must report the freeboard weekly until such time as the required freeboard is re-established. Freeboard is defined as the difference in elevation between the contained liquid level and the top of the berm structure at its lowest point. The lowest point does not include a spillway where a discharge is authorized or where the supernatant over flows to a downstream collection pond that is part of the authorized works.

Details/Findings:

Freeboard was reduced to 0.6m on 24 May 2014. 1.0m freeboard was re-established week commencing 30 June 2014. The permittee provided weekly reports until the freeboard was re-established, as required. Confirmation that 1.3 metre of standard operating freeboard had been achieved was received on 10 July 2014.

Compliance: Out

ACTIONS REQUIRED BY REGULATED PARTY and/or ADDITIONAL COMMENTS:

With respect to exercising your due diligence, please provide any information of site improvements instigated as a result of this incident.

INSPECTION CONDUCTED BY:

Signature

Date Signed

Jack Green

2014-07-14

ENCLOSURE(S) TO REGULATED PARTY & DESCRIPTION:

[CVIS Archives](#)

REGULATORY CONSIDERATIONS:

Ministry of Environment	Cariboo Region Environmental Protection Division	Mailing Address: 400-640 Borland St Williams Lake, BC V2G 4T1	Phone: (250) 398-4530 Fax: (250) 398-4214 Website: http://www.gov.bc.ca/env
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