



Ministry of Environment
Inspection Record

Environmental
 Protection
 Division

Inspection Number: 19386		Inspection Status: FINAL	
EP System: <u>AMS</u>		Inspection Date: 2015-01-27	
EP System Number: 11678		EP System Status: <u>Active</u>	
Region: <u>Cariboo</u>		Office: <u>Williams Lake</u>	
Trigger: <u>Planned</u>		Incidents of Non-Compliance Observed: <u>No</u>	
Non-Compliance Decision Matrix Level: <u>Level 0</u>		Non-Compliance Decision Matrix Category: <u>Category 0</u>	
Inspector Name(s): Jack Green		CPIX: <u>1 to 2 = Medium</u>	
Audit:		Total Non-Compliance(s): 0	
Regulated Party: Mount Polley Mining Corporation			
Regulated Party Contact(s): Colleen Hughes			
Legal Address: P.O. BOX 12 LIKELY, BC V0L 1N0			
Phone No: (250)790-2215		Fax No:	
Contact Email: chughes@mountpolley.com			
Location Description or Site Address: Mount Polley is an open pit copper/gold mine located near Likely BC.			
Latitude: 52.54547 N		Longitude: 121.63433 W	
Receiving Environment(s): <u>Surfacewater</u>			

Summary

MONITORING AND REPORTING REQUIREMENTS	
Inspection Period: From: 2015-01-27 To: 2015-01-27	
Requirement Source: Permit	
Activity: <u>On Site</u>	Waste Type: <u>Effluent</u>
Inspection Summary: <p>Site inspection with Chris Swan (Bio - MOE), Carla Grimson (Water Tech - MOE), Allyssa Boivin (Water Tech - MOE), accompanied on site by Colleen Hughes and Mclean Donohoe of MPMC and Steve Rothman of MEM.</p> <p>There was approximately 1 foot of snow on the ground and the temperature had been above freezing for a few days. The weather was generally cloudy with occasional rain.</p> <p>The site visit included looking at the settling ponds at the lower end of Hazeltine Creek. These had only been operational for approximately 1 week and Edney Creek had been diverted through them while construction of a permanent channel was underway alongside the ponds. A data logger has been installed at the outlet of the settling ponds to monitoring temperature, pH, conductivity and turbidity. The outflow from the ponds at the time appeared to be high in sediment, possibly due to the high flow rate from Edney Creek and loose material within the newly constructed ponds. Turbidity at this point was measured at 28 NTU. Samples were taken by Mclean and Chris just below the ponds.</p> <p>At the breach site construction of the finger drains was underway.</p> <p>There are a series of 3 sumps within the tailings impoundment which eventually feed into the Central Collection Sump, along with drainage from the Long Ditch and West Ditch. From here, water is pumped up to a booster station, then up to the Springer Pit. At the time of the visit the freeboard in the Central Collection Sump was well above 1 metre. The Till Borrow Pit was virtually empty, this provides back up storage capacity should the Central Collection Sump be unable to handle increased flows.</p> <p>There was no discharge to Hazeltine Creek. The flow in Hazeltine Creek was a result of snow melt and precipitation.</p> <p>Also looked a the construction of the China Ditch channel which will be the new outlet from Polley Lake to Hazeltine Creek.</p>	Response: <u>Notice</u>
ACTIONS REQUIRED BY REGULATED PARTY:	
None	
ADDITIONAL COMMENTS:	

Compliance Summary	In	Out	N/A	N/D
Operations	2	0	0	0

Inspection Details

Requirement Type: Operations
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 (250-398-4530) 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 (250-398-4214) if the condition occurs at any other time. All such reports must be received within 24 hours of detection of the 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 (1-800-663-3456).
Details/Findings: Approximately 100m below the Gavin Lake Bridge we met Joe (Environmental Monitor) who was in the process of inspecting the pollution control works along Hazeltine Creek (silt fences, straw bales etc_)
Compliance: <u>In</u>
Requirement Type: Operations
Requirement Description: 2.4.5 Sedimentation of watercourses must be prevented during construction and operation of any mine structures or facilities. The Director may specify and require implementation of measures to prevent sedimentation of watercourses caused by construction or operational activity at the site.
Details/Findings: Edney Creek was diverted into the seepage collection ponds while the new channel was under construction.
Compliance: <u>In</u>
Were the following collected during inspection:
Samples? <input type="checkbox"/> Photos? <input checked="" type="checkbox"/> EMS Number <input type="text"/>
Other (please specify) <input type="text"/>
Is the Inspection related to an EA Project? <input type="checkbox"/> EA Project Certificate Number: <input type="text"/>

INSPECTION CONDUCTED BY:

<i>Signature</i>	<i>Date Signed</i>
Jack Green	2015-02-19

ENCLOSURE(S) TO REGULATED PARTY & DESCRIPTION:

CVIS Archives

REGULATORY CONSIDERATIONS:

DISCLAIMER:

Please note that sections of the permit, regulation or code of practice referenced in this inspection record are for guidance and are not the official version. Please refer to the original permit, regulation or code of practice.

To see the most up to date version of regulations and codes of practices please visit:
<http://www.bclaws.ca/>

If you require a copy of the original permit, please contact the inspector noted on this inspection record or visit: <http://www2.gov.bc.ca/gov/topic.page?id=DF89089126D042FD96DF5D8C1D8B1E41&title=Publicly%20Viewable%20Authorizations>

It is also important to note that this inspection record does not necessarily reflect each requirement or condition of the authorization therefore compliance is noted only for the requirements or conditions listed in the inspection record.

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