



Ministry of Environment
Inspection Record

Environmental
Protection
Division

EP System: AMS	Inspection Status: FINAL
System Number: 105809	Inspection No: 22187
EP System Status: Active	Inspection Date: 2015-09-15
Region: West Coast	Office: Nanaimo
Trigger: Unplanned	Incidents of Non-Compliance Observed: No
Non-Compliance Decision Matrix Level: Level 0	Non-Compliance Decision Matrix Category: Category 0
Inspector Name(s): Laura Hunse	Risk Ranking: 1 to 2 = Medium
Audit:	Total Non-Compliance(s): 0
Regulated Party: Cobble Hill Holdings (BC0754588)	
Regulated Party Contact(s): Marty Block (director), Pete Craig (SIRM operations manager)	
Mailing Address: Cobble Hill Holdings Ltd. (BC0754588) c/o Herald Street Law 101 - 536 Herald Street Victoria BC V8W S6	
Phone No: (250)743-3333	Fax No:
Contact Email: marty.sia@shaw.ca	
Location Description or Site Address: 460 Stebbings Road, Shawnigan Lake	
Latitude: 48.5511 N	Longitude: 123.6066 W
Receiving Environment(s): Groundwater, Land & Surfacewater	

Summary

MONITORING AND REPORTING REQUIREMENTS	
Inspection Period: From: <input type="text" value="2015-05-13"/> To: <input type="text" value="2015-07-31"/>	
Requirement Source: Permit	
Activity: <u>Office Review</u>	Waste Type: <u>Effluent</u>
Inspection Summary: This is an update concerning only the non-compliances noted during the May 13, 2015 inspection. Each of the non-compliances were addressed within the 30 days of the notification of non-compliance advisory, and are now in compliance.	Response: Notice
<i>ACTIONS REQUIRED BY REGULATED PARTY:</i>	
Thank you for your prompt action to bring the non-compliances noted in the May 13, 2015 inspection into compliance. Contact me with any questions at laura.hunse@gov.bc.ca or 250.751.3224.	
<i>ADDITIONAL COMMENTS:</i>	

Compliance Summary	In	Out	N/A	N/D
Reporting	2	0	0	0
Monitoring	3	0	0	0

Inspection Details

Requirement Type: <u>Monitoring</u>
Requirement Description: 3.3 Groundwater Sampling and Analysis The Permittee must install and maintain a minimum of seven groundwater sampling facilities (MW-1 (S/D), MW-2, MW-3(S/D), MW-4 and MW-5) as shown on Figure B and obtain groundwater samples

once each quarter in a manner satisfactory to the Director. MW-4 and MW-5 must be drilled using a non-destructive method and cores must be logged by a Qualified Professional. The design and location of the wells must be to the satisfaction of the Director. Proper care must be taken in sampling, storing and transporting the samples to adequately control temperature and avoid contamination, breakage, etc.

Groundwater samples must be analysed for all potential contaminants of concern. The contaminants may include, but not be limited to, the parameters of concern listed in Subsection 1.3.3, as determined by a Qualified Professional. The groundwater quality must be compared to the standards described in Schedules 6 and 10 of the CSR or any additional standards specified by the Director in writing.

The Permittee may be required to install additional groundwater sampling facilities upon request. The location and structural details of these sampling facilities are subject to the approval of the Director.

Details/Findings:

MW-4 is reported no longer operational due to tampering and has not yet been replaced. It must be replaced as soon as possible. Ensure proper documentation is submitted to the director as required.

UPDATE: WELL WAS REHABILITATED AND REINSTATED INTO THE REGULAR MONITORING PROGRAM.

Compliance: In

Requirement Type: Monitoring

Requirement Description:

3.4 Surface Water Sampling and Analysis

The Permittee must sample the water treatment system effluent (WTS) and the settling pond discharge point (SW-1) monthly and every 2000 m³ for the water treatment system discharge effluent in a manner suitable to the Director. Proper care must be taken in sampling, storing and transporting the samples to adequately control temperature and avoid contamination, breakage, etc.

Turbidity of the settling pond discharge effluent (SW-1) must be monitored bi-weekly between November to April and after every event greater than 1 in 10 year return period flood event of 24 hour duration.

Surface water samples must be analysed for all potential contaminants of concern. The contaminants may include, but not be limited to, the parameters of concern listed in Subsection 1.3.3, as determined by a Qualified Professional. The surface water quality results must be compared to the standards set out in Subsection 1.4.4 and 1.4.5.

Details/Findings:

Monthly sampling has not been conducted during this monitoring period due to the limited site activity and appeal process.

UPDATE: SAMPLING HAS BEEN REINSTATED AS REQUIRED WHEN SUFFICIENT FLOW EXISTS (OFTEN DRY)

Compliance: In

Requirement Type: Monitoring

Requirement Description:

3.6 Receiving Environment Sampling

The Permittee must implement a receiving environment monitoring program for the receiving groundwater and surface water summarized in the table below and as defined under the EPM:

The following Groundwater sites to be sampled quarterly:

Up Gradient (MW-4) Southeast corner of the site Quarterly
Down Gradient (MW-1(S/D)) On site
Down Gradient (MW-2) Property boundary
Down Gradient (MW-3(S/D)) Property boundary
Down Gradient (MW-5) North of the site

The following Surface Water sites to be sampled 5 in 30, which refers to at least 5 weekly samples taken in a period of 30 days, 2 times/year, conducted during fall first flush event and in the spring freshet. Due to the ephemeral nature of some of the creeks, the first 5 in 30 sample should be collected when the ground has first been saturated.

Up Gradient (SW-4) Shawnigan Creek
Up Gradient (SW-2) Ephemeral Creek 1
Down Gradient (SW-5) Shawnigan Creek
Down Gradient (SW-3) Ephemeral Creek 2

Flow measurements must be collected from all surface water monitoring locations at the time of sampling.

Based on the results from the receiving environment monitoring program, the monitoring requirements may be extended or altered by the Director.

Details/Findings:

The receiving environment was not sampled quarterly during this monitoring period due to limited site activity and appeal process.

UPDATE: RECEIVING ENVIRONMENT SAMPLING HAS RESUMED AS REQUIRED

Compliance: In

Requirement Type: Reporting

Requirement Description:

5. REPORTING REQUIREMENTS
5.1 Records

Maintain for inspection by Environmental Protection Division staff, a record of the following logs, suitably tabulated:

- 1) Landfill cells construction QA/QC results;
- 2) Maintenance records of pollution control equipment listed as authorized works;
- 3) Facility inspection log with a record of observations of the soil management and treatment and landfill areas (including but not limited to bedrock integrity, liner, cover, stormwater and effluent collection and treatment works inspections), and preventative and corrective actions identified and implemented;
- 4) Current soil and associated ash inventory, including volumes and characteristics of soils and associated ash in the soil management and treatment area and landfill area;
- 5) Tracking ID number linked to soil and associated ash analysis results and the signature of a Qualified Professional who certifies completion of remediation in accordance with the requirements of the CSR and compliance with this permit;
- 6) Location of each batch of soil and associated ash in the soil management and treatment and landfill area on a map;

Details/Findings:

5) Though essentially the Soil Acceptance Plan has been followed as described in section 6 of the EPM, no coded Tracking ID number (as described in EPM 6.4) was issued for the 1950 Blanshard shipment commencing May 8, although there is an associated project number. I understand the tracking process is being further refined and updated WAA and Soil Acceptance Forms to reflect this. The refined system is being used for all new jobs after the Blanshard shipment, the tracking system will be retroactively

applied to all loads that have been received thus far. Ensure any changes are incorporated into the EPM.

UPDATE: A REVISED TRACKING SYSTEM HAS BEEN IMPLEMENTED AND EPM IS BEING UPDATED TO INCORPORATE THE CHANGES.

Compliance: In

Requirement Type: Reporting

Requirement Description:

5.2 Environmental Quarterly Reports

The Permittee must submit environmental quarterly reports prepared by a Qualified Professional with all monitoring data and associated QA/QC results, interpretations, conclusions and recommendations in a format acceptable to the Director and post the results online and provide a hard copy to the Director no later than 30 days after the end of each quarter.

Details/Findings:

Regular quarterly reports were not submitted during the time of the appeal; however, quarterly reporting has resumed following the conclusion of the appeal and issue of amended permit in June. Most recent report covers period from 2014 July to 2015 April.

UPDATE: QUARTERLY REPORTING HAS RESUMED AS REQUIRED. NEXT QUARTERLY REPORT FOR JULY-SEPT DUE OCT 30 2015.

Compliance: In

Were the following collected during inspection:

Samples? **Photos?** **EMS No.**

Other (please specify)

Is the Inspection related to an EA Project?

EA Project Certificate Number:

INSPECTION CONDUCTED BY:

Signature

Date Signed

ENCLOSURE(S) TO REGULATED PARTY & DESCRIPTION:

CVIS Archives

REGULATORY CONSIDERATIONS:

This inspection document may not list all requirements as listed in the permit PR-105809. Please refer to the official permit document for full text and all requirements.

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	West Coast	Mailing Address:	Phone: (250) 751-3100
	Region	2080-A Labieux Rd	Fax: (250) 751-3103
	Environmental Protection Division	Nanaimo, BC V9T 6J9	Website: http://www.gov.bc.ca/env