



Ministry of
Environment

CERTIFICATE OF COMPLIANCE
(Pursuant to Section 53 of the *Environmental Management Act*)

THIS IS TO CERTIFY that as of the date indicated below, the site identified in Schedule A of this Certificate of Compliance has been satisfactorily remediated to meet the applicable Contaminated Sites Regulation remediation standards and criteria.

This Certificate of Compliance is qualified by the requirements and conditions specified in Schedule B.

The substances for which remediation has been satisfactorily completed and for which this Certificate of Compliance is valid are listed in Schedule C.

I have issued this Certificate of Compliance based on a review of relevant information including the documents listed in Schedule D. I, however, make no representation or warranty as to the accuracy or completeness of that information.

A Director may rescind this Certificate of Compliance if requirements and conditions imposed in the Certificate of Compliance are not complied with or any fees payable under Part 4 of the Act or regulations are outstanding.

This Certificate of Compliance should not be construed as an assurance that there are no hazards present at the site.

December 22, 2014

Date Issued

Peter Kickham
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at the foreshore and portions of Howe Sound adjacent to the former Woodfibre Squamish Pulp Mill, Squamish, British Columbia, which is more particularly known and described as:

District Lot 7286 Group 1 New Westminster District;
District Lot 6993 Group 1 New Westminster District;
District Lot 5095 Group 1 New Westminster District; and

That portion of land described by Metes and Bounds as follows:

Starting at a corner of District Lot 5095, with a northing of 5501694.000 and a easting of 482306.000: the point of commencement;
Thence 85°48'28" for 6.556 metres;
Thence 79°29'32" for 149.917 metres;
Thence 172°16'14" for 117.650 metres;
Thence 235°39'47" for 172.234 metres;
Thence 254°03'39" for 171.064 metres;
Thence 250°36'04" for 146.145 metres;
Thence 239°03'36" for 148.384 metres;
Thence 334°39'10" for 55.743 metres;
Thence 53°53'54" for 515.876 metres;

returning to the point of commencement.

As depicted on an engineered drawing prepared by Keystone Environmental Ltd. dated November 19, 2014.

The approximate centre of the site using the NAD (North American Datum) 1983 convention is:

Latitude: 49° 39' 52.87"
Longitude: 123° 15' 42.81"

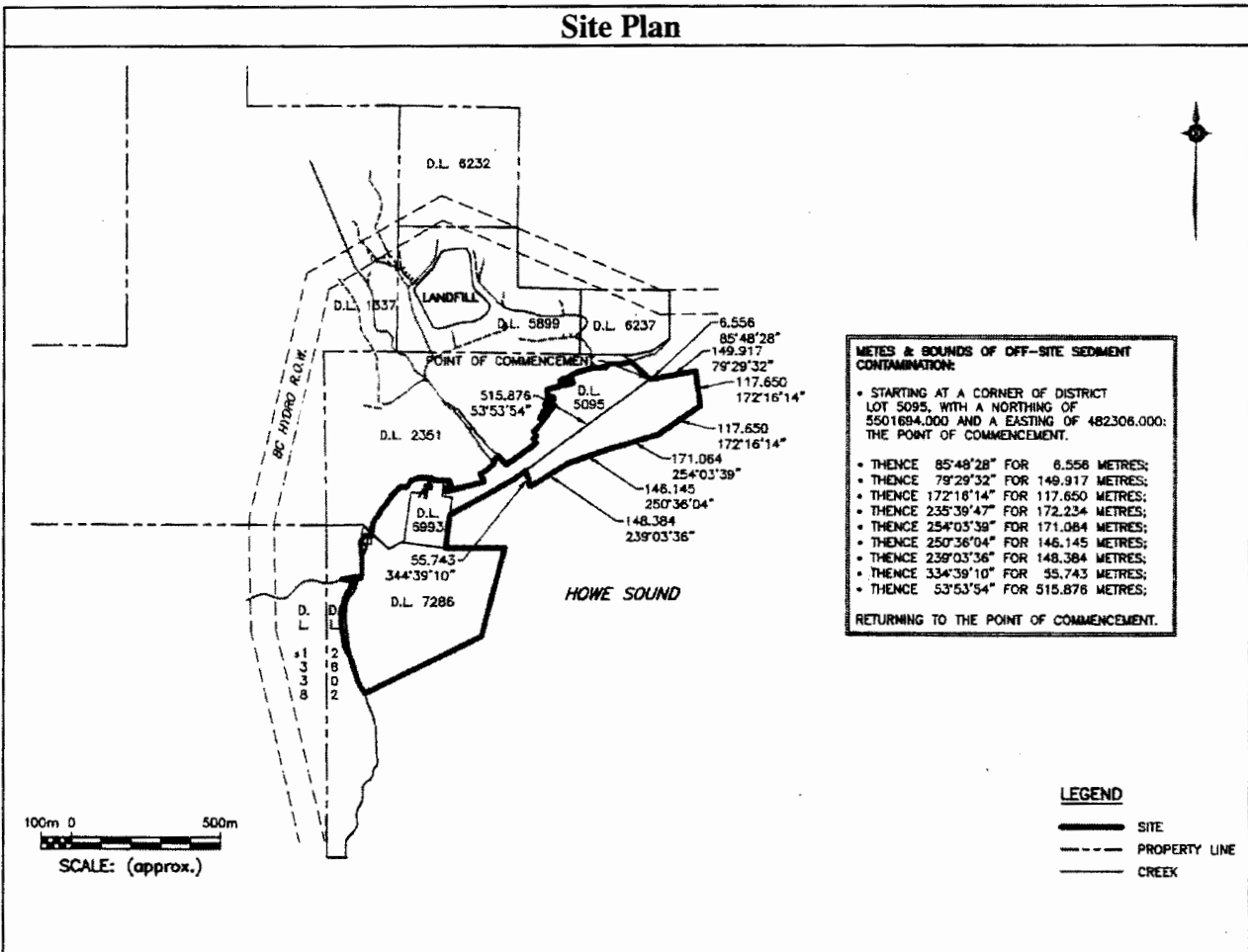
December 22, 2014

Date Issued

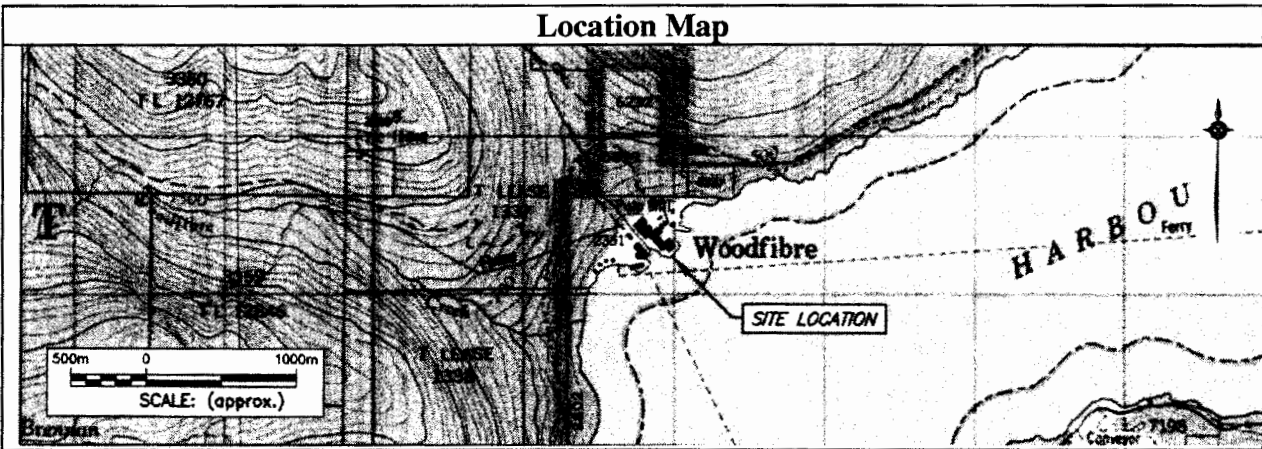


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Site Plan



Location Map



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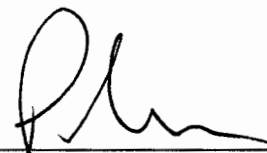
Schedule B

Requirements and Conditions

1. Any changes in sediment use must be promptly identified by the responsible person in a written submission to the Director. An application for an amendment or new Certificate of Compliance may be necessary. The use to which this condition applies is described in Schedule C and in the site investigation documents listed in Schedule D.
2. The principal risk controls which must be present or implemented and must be maintained at the site include the following:
 - a) The owner/operator of the site must complete by January 1, 2016 all elements specified for the "Shellfish Tissue Assessment Program" as detailed in the PVP for the site.
3. If requested by the Director, the responsible person must provide a signed statement indicating whether the principal risk controls listed in clause 2 of this Schedule have been and continue to be met. This may include providing a signed statement by an Approved Professional.
4. Performance verification must be undertaken as specified in the Performance Verification Plan listed in Schedule D or as specified in a modification of the plan approved by the Director.
5. Where required under a Performance Verification Plan for the site, records of performance verification actions and results must be maintained by the responsible person or their agent. The records must be available for inspection by the Director.
6. A statement signed by an Approved Professional on whether the institutional and engineering controls required in clause 2 of this Schedule have been implemented and are being met must be submitted to the Director on January 1, 2016 or as otherwise approved by the Director.
7. If requested by the Director, a report signed by an Approved Professional must be submitted for review to the Director and must include the following:
 - (a) An evaluation of the performance of the institutional and engineering controls;
 - (b) Recommendations for modification of any plans referenced above, along with supporting rationale;
 - (c) Interpretation of current and cumulative results of the performance verification actions undertaken according to the plan(s) described in clause 4 above; and
 - (d) Supporting documentation.

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Schedule C

Substances and Uses

Substances remediated in sediment for sensitive marine sediment use:

To meet risk-based remediation standards:

- Lead; and
- Acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene and phenanthrene.

Substances remediated in sediment for typical marine sediment use:

To meet numerical remediation standards:

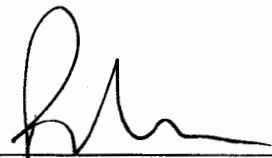
- Mercury.

To meet risk-based remediation standards:

- Copper and lead; and
- 2-Methylnaphthalene, acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, phenanthrene, benz[a]anthracene, benzo[a]pyrene, chrysene, dibenz[a,h]anthracene, fluoranthene, pyrene, and PAHs (total).

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Schedule D

Documents

- Summary of Site Condition, Site ID 9930. Prepared by Lori C. Larsen, P.Ag., of Tetra Tech EBA Inc., Reidar Zapf-Gilje, Ph.D., P.Eng., of GeoEnviroLogic Inc. and Patrick Allard, M.Sc. R.P.Bio., Azimuth Consulting Group., dated November 29, 2014;
- Sediment Human Health and Ecological Risk Assessment – Addendum #1, Former Squamish Pulp Mill, Woodfibre, BC. Prepared by Keystone Environmental Ltd., dated November 28, 2014;
- Performance Verification Plan for Certificate of Compliance at Former Squamish Pulp Mill, Woodfibre, BC (Sediment Portion) MOE Site ID: #9930. Prepared by Keystone Environmental Ltd., dated November 28, 2014;
- Confirmation of Remediation Former Squamish Pulp Mill Site, Woodfibre, BC. Prepared by Keystone Environmental Ltd., dated November 2014.
- Report of Findings for Preliminary Site Investigation, Stage 1, Preliminary Site Investigation, Stage 2, Detailed Site Investigation and Supplementary Site Investigation Former Squamish Pulp Mill Site, Woodfibre, BC. Prepared by Keystone Environmental Ltd., dated October 2014;
- Howe Sound Sediment Human Health and Ecological Risk Assessment, Former Squamish Pulp Mill, Woodfibre, BC. Prepared by Keystone Environmental Ltd., dated October 31, 2014;
- 2013 Woodchip and Sediment Dredging Plan, Prepared by Keystone Environmental Ltd., dated August 2013;
- Report of Findings for Preliminary Site Investigation, Stage 1. Prepared by Keystone Environmental Ltd., dated August 19, 2005;
- Howe Sound Environmental Effects Monitoring (EEM) Cycle Three Interpretive Report. Prepared by Hatfield Consultants Ltd., dated March 2004; and
- Dioxin/Furan Trend Monitoring Program, 2003 (Sediment/Crab/Fish). Prepared by Hatfield Consultants Ltd., dated October 2003.

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