



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.

November 10, 2016
Date Issued


Lavinia Zanini, P. Geo.
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at 2800 Block of Shawnigan Lake Road, Shawnigan Lake, British Columbia which is more particularly known and described as:

Lot A, Section 3, Range 4, Shawnigan District, Plan VIP88955, PID: 028-625-099

Lot B, Section 3, Range 4, Shawnigan District, Plan VIP88955, PID: 028-625-102

Lot 1, Section 3, Range 4, Shawnigan Suburban Lots, Shawnigan District, Plan VIP88954, PID: 028-624-793

Lot 2, Block 6, Shawnigan District, Plan 218, PID: 009-240-853

Lot 4, Block 6, Shawnigan District, Plan 218, PID: 009-240-888

Lot 5, Block 6, Shawnigan District, Plan 218, PID: 009-240-896

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

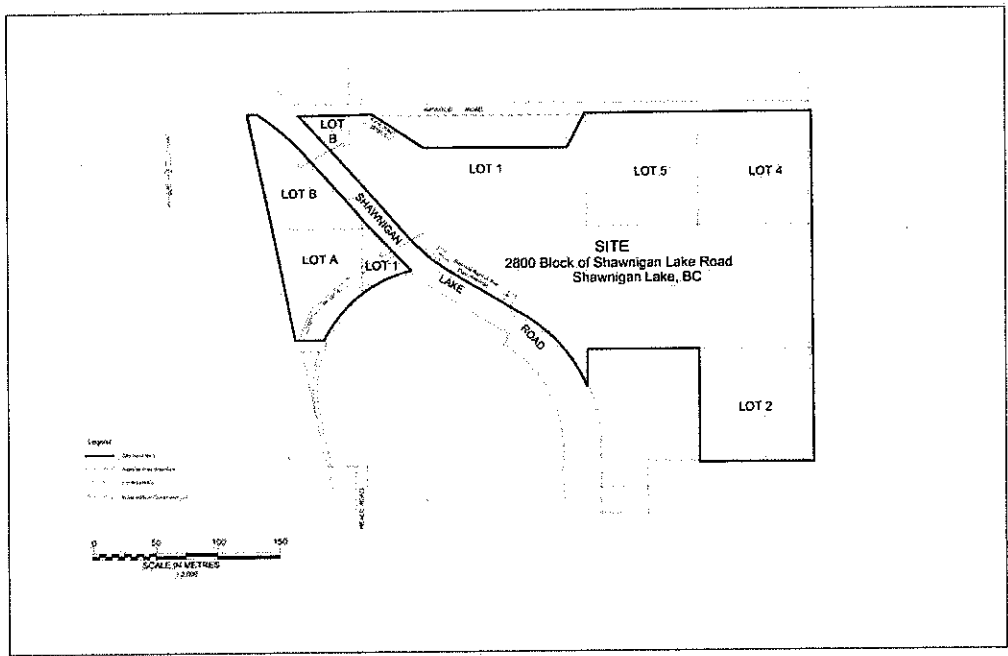
Latitude: 48° 39' 22.54"
Longitude: 123° 37' 24.95"

November 10, 2016

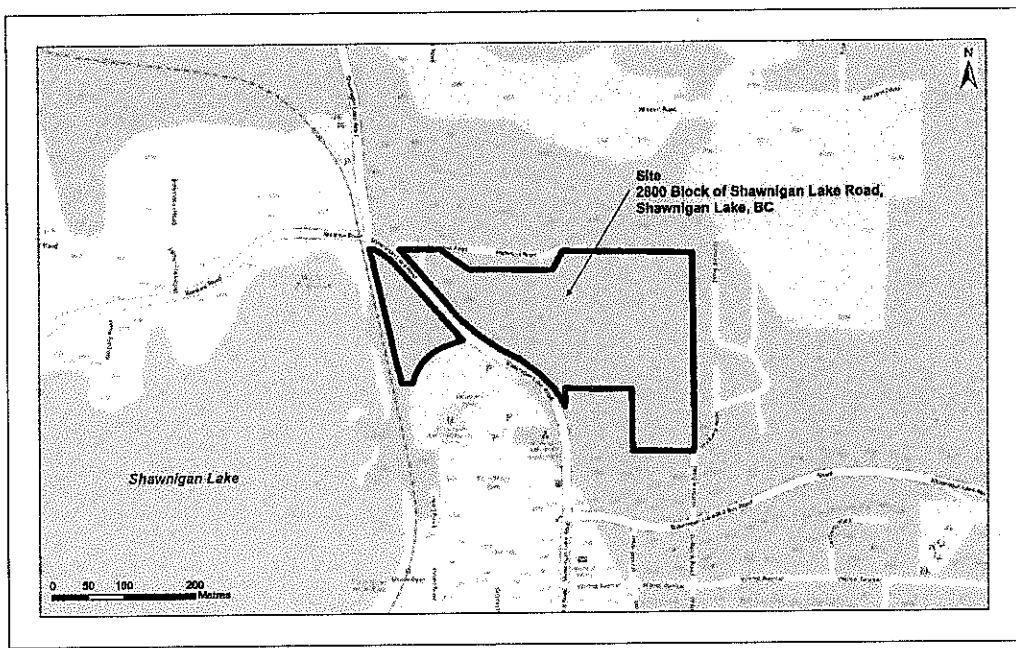
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Site Plan

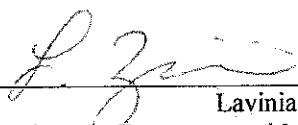


Location Map



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Schedule B

Requirements and Conditions

1. Any changes in land, vapour, or water uses 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 uses to which this condition applies are described in Schedule C and in the site investigation documents listed in Schedule D.

The documents listed in Schedule D indicate that vapour attenuation factors were applied to meet Contaminated Sites Regulation numerical standards at the site. These vapour attenuation factors were selected based on assumptions about the structures, locations and depths of buildings and trenches expected at the site. These assumptions include the following:

- (a) Any potential future buildings in the landfill cap area only will be slab-on-grade; and
- (b) No trench work will be conducted within the landfill soil cap.

Any inconsistencies that arise between the structures, locations and depths of proposed buildings or trenches at the site and the range of structures, locations and depths of buildings or trenches assumed in the selection of vapour attenuation factors in the documents listed in Schedule D 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.

2. The principal risk controls which must be present or implemented and must be maintained at the site include the following:
 - a) The soil landfill cap, as shown in Figure 1, must be maintained at no less than 1 metre in thickness. The lateral limits of the landfill cap are defined by the following metes and bounds:
Starting at the northwest corner of Lot 2, Block 6, Shawnigan District, Plan 218;
Then 38.70 degrees for 20.00 metres to the point of commencement;
Then 60.12 degrees for 24.41 metres;
Then 72.10 degrees for 13.18 metres;
Then 54.43 degrees for 23.33 metres;
Then 306.33 degrees for 13.57 metres;
Then 7.13 degrees for 6.22 metres;
Then 270.00 degrees for 15.06 metres;
Then 250.26 degrees for 26.86 metres;
Then 232.23 degrees for 23.85 metres;
Then 140.66 degrees for 26.28 metres;

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Returning to the point of commencement;

- b) Groundwater at the subject site must not be used for drinking water.
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. The Director must be notified promptly by the person responsible for the site if performance verification actions indicate that any institutional and engineering controls required in clause 2 of this Schedule are not being met. The following information must be submitted to the Director with the notification, or as soon as practicable thereafter:
 - (a) The time period over which institutional and engineering controls did not meet the requirements of Schedule B;
 - (b) The nature of the excursion;
 - (c) The temporary or permanent corrective measures implemented or to be implemented;
 - (d) An implementation schedule; and
 - (e) Supporting documentation.
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 described in clause 4 above; and
 - (d) Supporting documentation.

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Schedule C

Substances and Uses

Substances remediated in soil for residential land soil use:

To meet numerical remediation standards:

- Molybdenum; and
- HEPHs.

To meet risk-based remediation standards:

- Arsenic, barium, cadmium, chromium, copper, lead, manganese, nickel, tin and zinc.

Substances remediated in water for drinking water use:

To meet risk-based remediation standards:

- Arsenic, magnesium, and sodium.

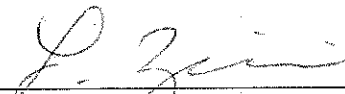
Substances remediated in water for freshwater aquatic life water use:

To meet risk-based remediation standards:

- Zinc.

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Schedule D

Documents

Summary of Site Condition, WorleyParsons Canada Ltd., September 20, 2016;

Application for Certificate of Compliance Addendum, WorleyParsons Canada Ltd., August 26, 2016;

Performance Verification Plan, WorleyParsons Canada Ltd., January 29, 2016;

Screening Level Risk Assessment and Groundwater Modelling, WorleyParsons Canada Ltd., January 12, 2016;

Stage 2 Preliminary Site Investigation, Detailed Site Investigation and Confirmation of Remediation, WorleyParsons Canada Ltd., January 5, 2016;

Annual Statement Required for Release Request of Subdivision and Development Permitting, WorleyParsons Canada Ltd., March 30, 2015;

Stage 1 Preliminary Site Investigation, WorleyParsons Canada Ltd., August 20, 2014;

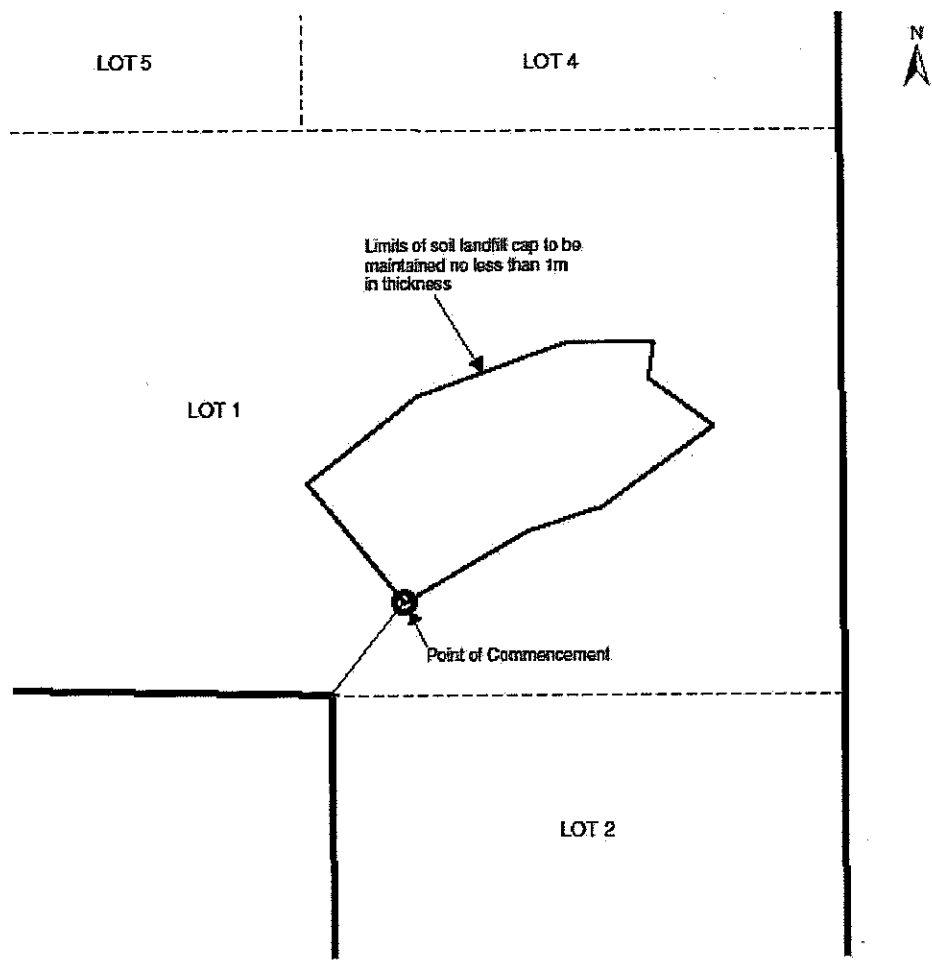
Release Request –Subdivision and Development Permit Applications, Ministry of Environment, February 26, 2014; and

Summary Conceptual Site Model and Remediation Plan, WorleyParsons Canada Ltd., January 24, 2014.

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Limits of soil landfill cap to be maintained no less than 1m in thickness

LOT 1

LOT 4

LOT 5

Point of Commencement

LOT 2

Starting at the northwest corner of Lot 2, Block 6, Shawnigan District, Plan 218;
 Then 38.70 degrees for 20.00 metres to the point of commencement;
 Then 60.12 degrees for 24.41 metres;
 Then 72.10 degrees for 13.18 metres;
 Then 54.43 degrees for 23.33 metres;
 Then 306.33 degrees for 13.57 metres;
 Then 7.13 degrees for 6.22 metres;
 Then 270.00 degrees for 15.06 metres;
 Then 250.26 degrees for 26.86 metres;
 Then 232.23 degrees for 23.85 metres;
 Then 140.66 degrees for 26.28 metres;
 Returning to the point of commencement.

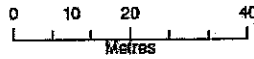


FIGURE 1

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