



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.

**FEB 15 2016**

Date Issued

A handwritten signature in black ink, appearing to be "Peter Kickham".

Peter Kickham  
For Director, *Environmental Management Act*

### Schedule A

The site covered by this Certificate of Compliance is located at RR #1, Highway 3, South Slocan, British Columbia which is more particularly known and described as:

Lot A, District Lot 303 and 5163, Kootenay District, Plan 17870

PID: 011-436-727

as depicted in a legal sketch plan, Plan No. 17870, prepared by Alex Cheveldave, B.C. Land Surveyor, on May 5, 1988.

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

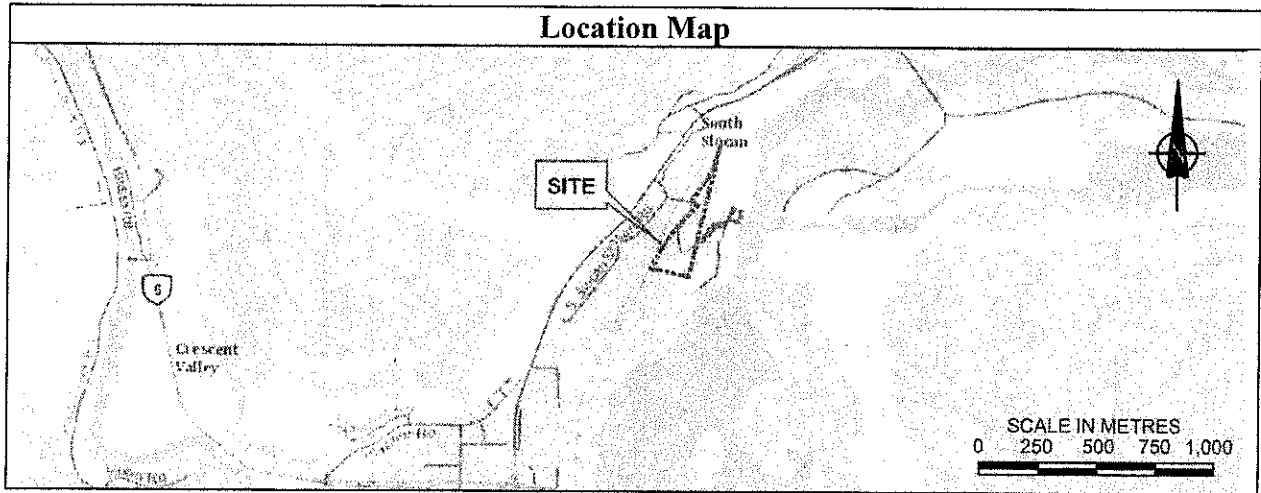
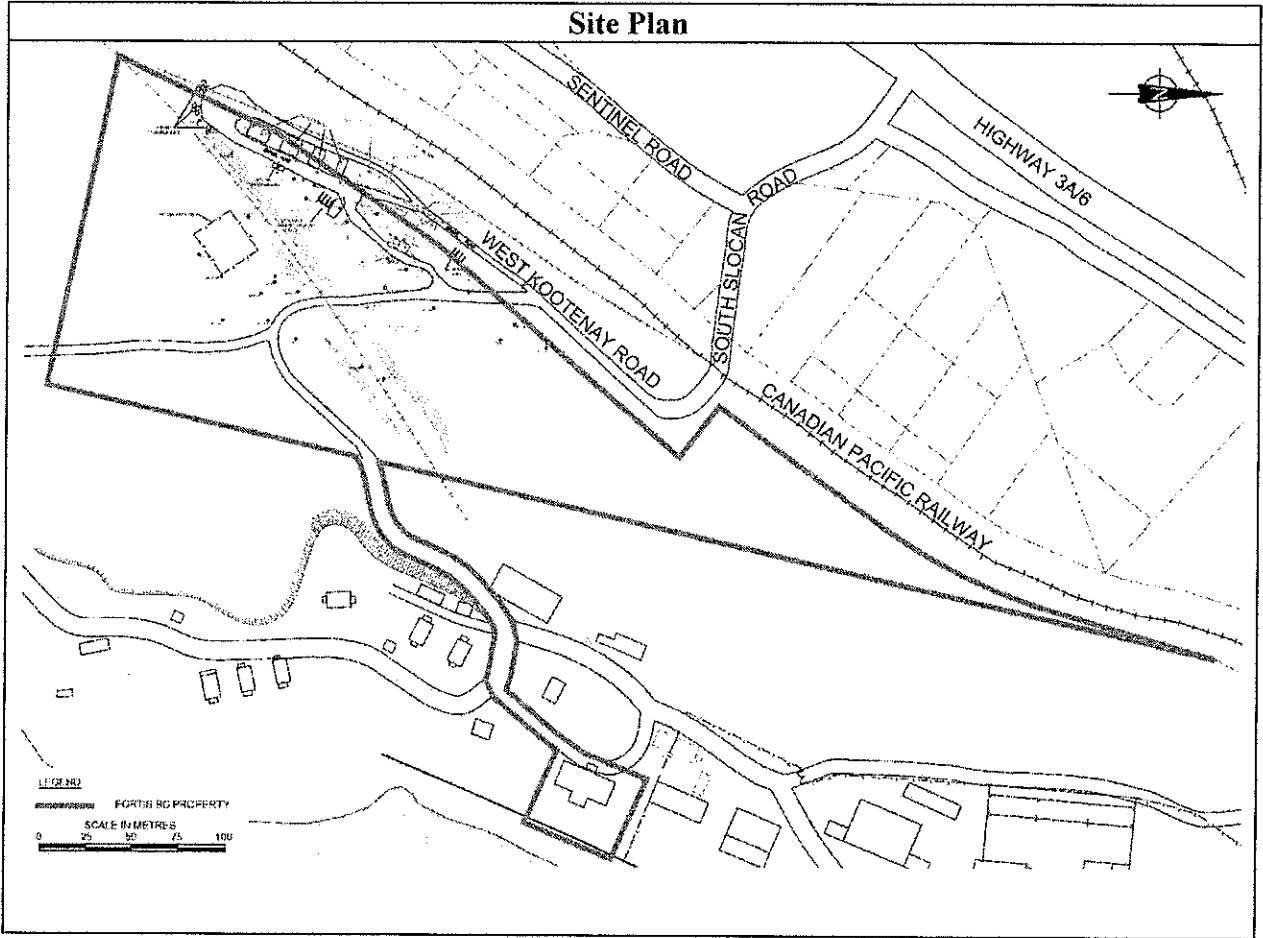
Latitude: 49° 27' 10.00"  
Longitude: 117° 31' 29.00"

FFR 1 5 7016

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## Schedule B

### Requirements and Conditions

1. Any changes in land or water use(s) must be promptly identified by the responsible person(s) 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 existing or expected at the site. These assumptions include the following:

- a) Future construction, if any, will be confined to slab-on-grade construction, with no excavation for foundations.
- b) No trench work will be completed at depths greater than 1.5 m below grade.

Any inconsistencies that arise between the structures, locations and depths of proposed or constructed 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(s) 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) Land use at the site remains industrial.
  - (b) Drinking water use does not apply at the site.
  - (c) Contaminants, including selected petroleum hydrocarbons, chlorinated phenols and polycyclic aromatic hydrocarbons, are present in soil at depths of at least 1 m below grade, except as described under (e) and (f) below.
  - (d) A minimum of 1 m of clean fill must remain above the contaminated soil, except as described under (e) and (f) below.
  - (e) Contaminants, including selected petroleum hydrocarbons, chlorinated phenols and polycyclic aromatic hydrocarbons, are present in soil at depths of at least 0.3 m below grade in a location described as a 3 m x 3 m area surrounding a utility pole, corresponding to Excavation #2 within AEC1.

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- (f) A minimum of 0.3 m of clean fill must remain above the contaminated soil within the 3 m x 3 m area identified in (e) above. This condition will be subject to a Performance Verification Plan.
3. If requested by the Director, the responsible person(s) 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(s) or their agent. The records must be available for inspection by the Director.

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For Director, *Environmental Management Act*

## Schedule C

### Substances and Uses

#### *Substances remediated in soil for industrial land use:*

##### To meet numerical remediation standards:

- HEPHs; and
- Benzo[k]fluoranthene, dibenz[a,h]anthracene, and pyrene.

##### To meet risk-based remediation standards:

- LEPHs;
- Benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, indeno[1,2,3-cd]pyrene, naphthalene, and phenanthrene; and
- Pentachlorophenol.

#### *Substances remediated in water for freshwater aquatic life use:*

##### To meet numerical remediation standards:

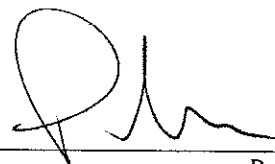
- Cadmium; and
- 2,3,4,6-tetrachlorophenol and total non-chlorinated phenols.

##### To meet risk-based remediation standards:

- LEPHw and EPHw<sub>10-19</sub>;
- pentachlorophenol, 2,3,4,5-tetrachlorophenol, and 3,4,5-trichlorophenol; and
- acenaphthene, acridine, anthracene, benzo[a]anthracene, benzo[a]pyrene, chrysene, fluoranthene, naphthalene, phenanthrene, and pyrene.

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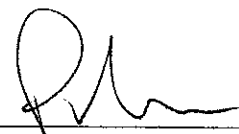
## Schedule D

### Documents

- *Summary of Site Condition* prepared by Robert W. Beck, Stantec Consulting Ltd., and David R. Williams, Millennium EMS Solutions Ltd., dated Dec. 23, 2015
- *Performance Verification Plan, Former Utility Pole and Stub Treatment Facility, South Slocan, BC*, prepared by Michael Doucet, Stantec Consulting Ltd., Dec. 23, 2015
- *Addendum to 'Detailed Human Health and Ecological Risk Assessment, Former Utility Pole and Stub Treatment Facility'* prepared by Kelsey Miller, Stantec Consulting Ltd., June 2012
- *Detailed Human Health and Ecological Risk Assessment, Former Utility Pole and Stub Treatment Facility* prepared by Kelsey Miller, Stantec Consulting Ltd., January 2012
- *Vapour Assessment, Former Utility Pole and Stub Treatment Facility* prepared by Michael Doucet, Stantec Consulting Ltd., April 2012
- *Remediation Report, Former Utility Pole and Stub Treatment Facility* prepared by Michael Doucet, Stantec Consulting Ltd., April 2012
- *Detailed Site Investigation, Former Utility Pole and Stub Treatment Facility* prepared by Michael Doucet, Stantec Consulting Ltd., December 2011
- *Stage 2 Preliminary Site Investigation, Former Utility Pole and Stub Treatment Facility* prepared by Michael Doucet, Stantec Consulting Ltd., December 2011
- *Stage 1 Preliminary Site Investigation, Former Utility Pole and Stub Treatment Facility* prepared by Michael Doucet, Stantec Consulting Ltd., December 2011

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