



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 <and Hazardous Waste Regulation standards.

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.

March 13, 2017

Date Issued


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

Schedule A

The site covered by this Certificate of Compliance is located at 4111 Boundary Road, Richmond, British Columbia which is more particularly known and described as:

All that part of Lot 1, Sections 25 and 36, Block 5, North Range 4 West, New Westminster District, Plan BCP46531 which may be more particularly described as:

Commencing at the northeastern corner of said Lot 1, thence $270^{\circ} 18' 56''$ a distance of 198.654 metres;

Thence, $222^{\circ} 54' 26''$, a distance of 27.326 metres;

Thence, $90^{\circ} 18' 56''$, a distance of 33.655 metres;

Thence, $180^{\circ} 20' 23''$, a distance of 236.721 metres;

Thence, $35^{\circ} 21' 27''$, a distance of 41.464 metres;

Thence, $67^{\circ} 06' 11''$, a distance of 180.110 metres;

Thence, northerly and easterly on a curve to the left of radius 40.039 metres, an arc distance of 15.467 metres;

Thence, $359^{\circ} 44' 20''$, a distance of 43.872 metres;

Thence, northerly and easterly on a curve to the left of radius 5.850 metres, an arc distance of 5.149 metres;

Thence, $0^{\circ} 02' 17''$, a distance of 24.483 metres;

Thence, $270^{\circ} 15' 32''$, a distance of 183.913 metres;

Thence, $0^{\circ} 20' 23''$, a distance of 44.136 metres;

Thence, $90^{\circ} 18' 56''$, a distance of 27.326 metres;

Thence, northerly and westerly on a curve to the right of radius 124.389 metres, an arc distance of 20.938 metres more or less to the point of commencement.

The site contains part of a legal parcel depicted in a legal sketch plan R-15-16085-SKETCH for part of the legal parcel the eastern portion of Lot 1, Sections 25 and 36, Block 5, North Range 4 West, New Westminster District, District Plan, BCP46531 prepared by Matson Peck & Topliss, B.C. Land Surveyor on 10 February 2015.

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

Latitude: $49^{\circ} 11' 3.97''$

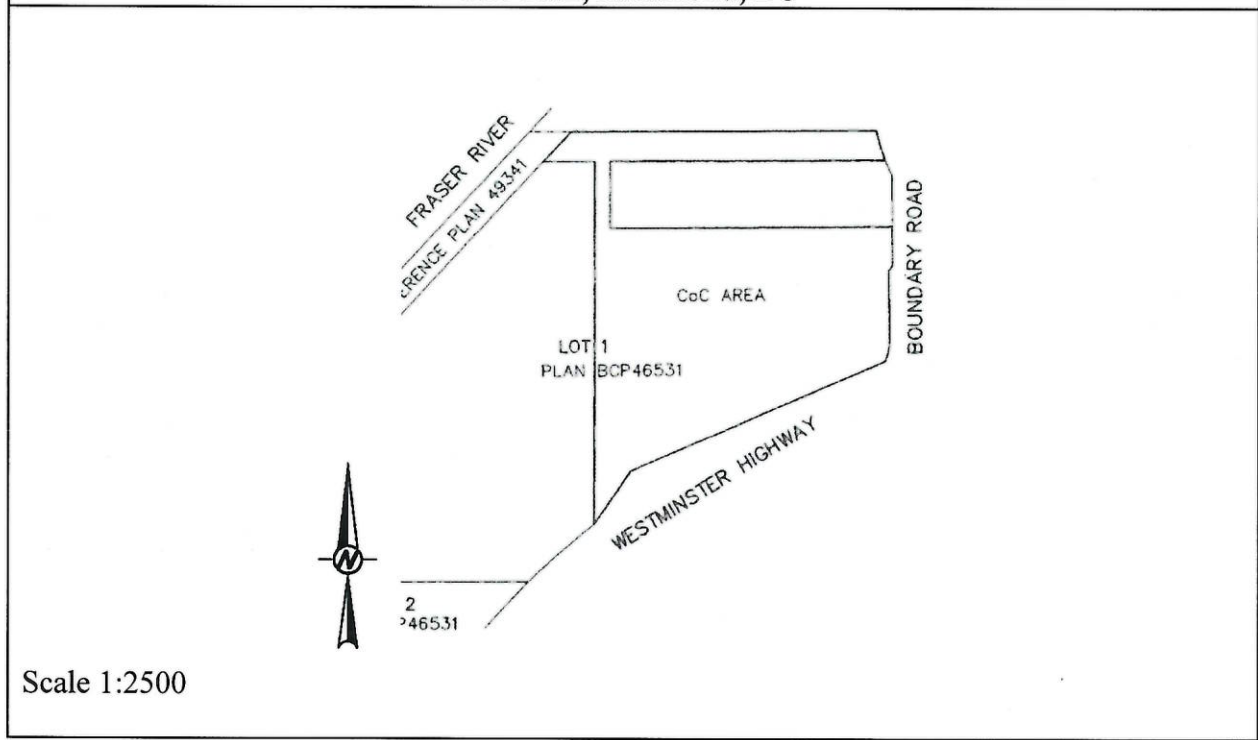
Longitude: $122^{\circ} 57' 31.31''$

March 13, 2017

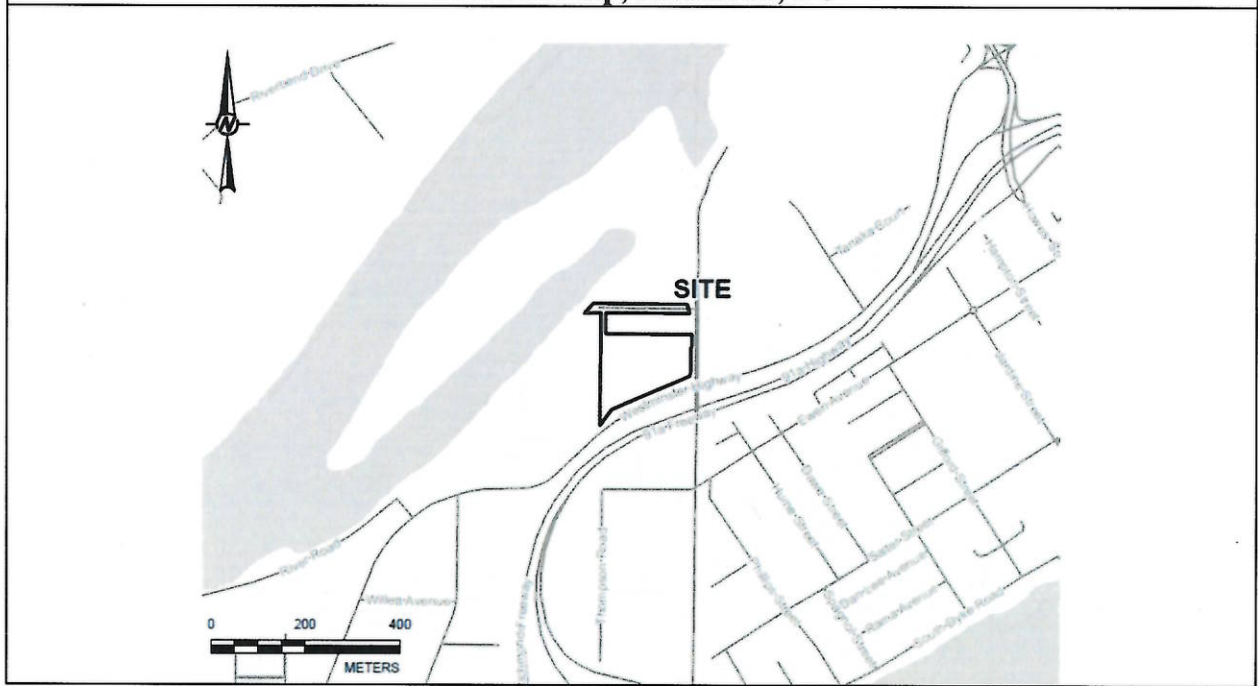
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Site Plan, Richmond, BC



Location Map, Richmond, BC



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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 persons 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 a Contaminated Sites Regulation numerical and risk-based standards at the site. These vapour attenuation factors were selected based on assumptions about the structures, locations and depths of buildings expected at the site. These assumptions include the following:

- (a) Buildings are constructed with slab-on-grade foundations with the exception of the Bus Maintenance Building
- (b) The Bus Maintenance Building will be ventilated with a heating ventilation and air conditioning (HVAC) system that provides 10 air exchanges per hour

Any inconsistencies that arise between the structures, locations and depths of proposed or constructed buildings at the site and the range of structures, locations and depths of buildings assumed in the selection of vapour attenuation factors in the documents listed in Schedule D must be promptly identified by the responsible persons 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 Maintenance Building heating ventilation and air conditioning (HVAC) system must be constructed as designed.
 - b) The HVAC system must operate continuously as per current building code requirements.
 - c) The HVAC system should be operated and maintained in accordance with the facility procedures.
 - d) Changes to the HVAC system ventilation rate (air exchanges) must be reviewed by a contaminated sites Approved Professional.

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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 industrial land soil use:

To meet numerical remediation standards:

- Arsenic, barium, cadmium, chromium, copper, lead, molybdenum, tin, and zinc;
- Naphthalene;
- Ethylbenzene, toluene, xylene; and
- LEPHs.

Substances remediated in vapour for industrial land vapour use:

To meet numerical remediation standards:

- Xylenes, mixture.

To meet risk-based remediation standards:

- Benzene; and
- Chloroform, and acetone.

Substances remediated in water for drinking water use:

To meet numerical remediation standards:

- Benzo[a]pyrene, pyrene and naphthalene; and
- Cobalt.

To meet risk-based remediation standards:

- Sodium, and sulphide.

Substances remediated in water for surface water use:

To meet numerical remediation standards:

- LEPHw;
- Toluene; and
- Phenol.

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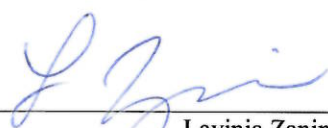
To meet risk-based remediation standards:

- Sulphide.

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Site Identification Number 11788, 11789 and 11790
Version 8.0 R


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Schedule D

Documents

- *Summary of Site Conditions* Prepared by Golder Associates Ltd. December 8, 2016.
- *Performance Verification Plan* Prepared by Golder Associates Ltd. December 8, 2016.
- *Environmental Risk Assessment Addendum and Stage 1 Preliminary Site Investigation Update, Translink Hamilton Transit Centre, 4111 Boundary Road, Richmond, BC* Prepared by Golder Associates Ltd. November 22, 2016.
- *Confirmation of Remediation Report and Risk Assessment, Hamilton Transit Centre, 4111 Boundary Road, Richmond, BC.* Prepared by Golder Associates Ltd. February 10, 2015.
- *Stage 1 and 2 Preliminary Site Investigation and Detailed Site Investigation, Hamilton Transit Centre, 4111 Boundary Road, Richmond, BC.* Prepared by Golder Associates Ltd. February 10, 2015.
- *Local Background Groundwater Arsenic Assessment, Hamilton Transit Centre, 4111 Boundary Road, Richmond, BC.* Prepared by Golder Associates Ltd. September 30, 2014.

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