



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.

Nov. 13, 2015
Date Issued

L. Zanini
Lavinia Zanini
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at 27540 28th Avenue, Langley, British Columbia which is more particularly known and described as:

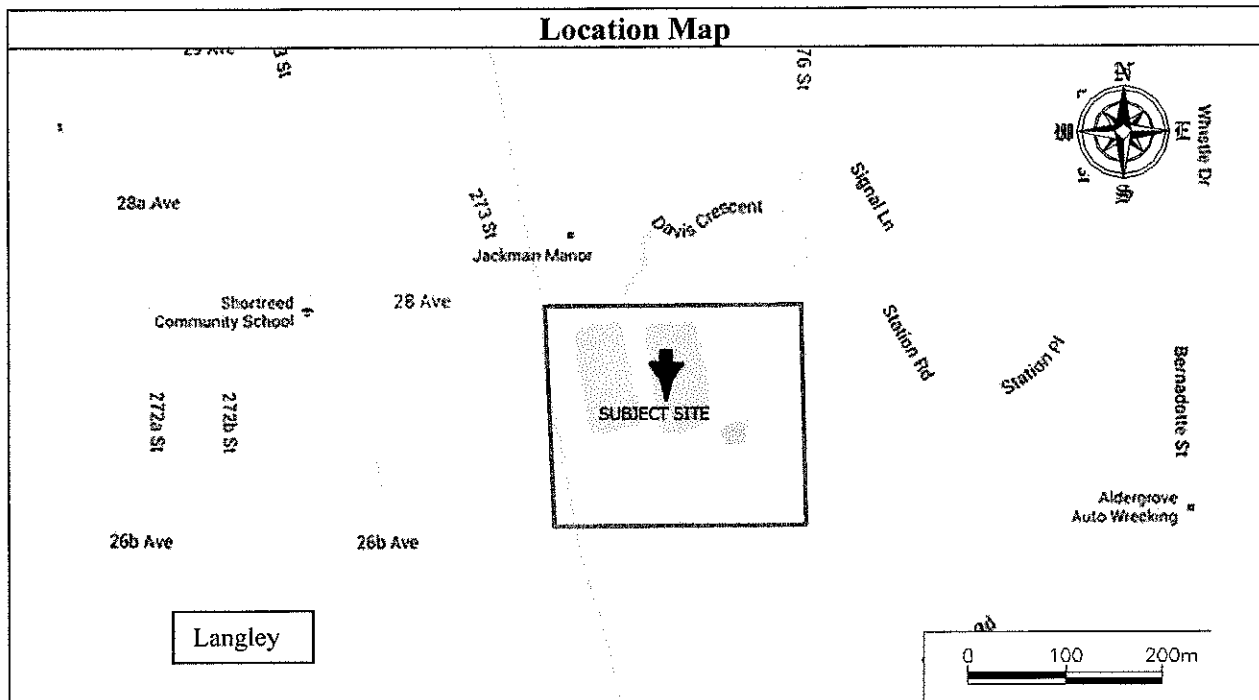
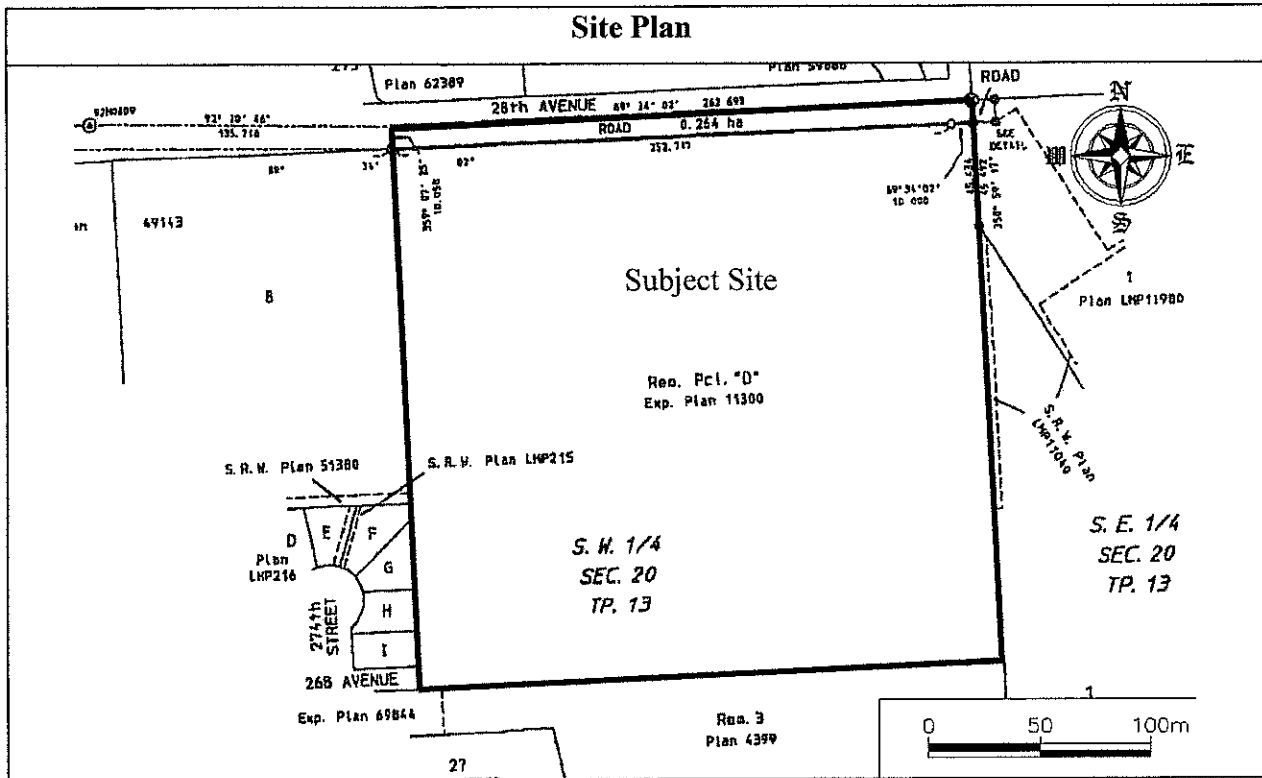
Parcel D (Explanatory Plan 11300) Lot 4, Plan 4399, and of an adjoining portion (Plan with fee deposited 11275F), Southwest quarter, Section 20, Township 13, New Westminster District, Except First: Parcel C (Explanatory Plan 15039), secondly: Part in Plan BCP8871
PID: 011-113-901

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

Latitude: 49° 03' 08.61"
Longitude: 122° 27' 43.30"

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Schedule B

Requirements and Conditions

1. Any changes in land, water or sediment 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.
2. The principal risk controls which must be present or implemented and must be maintained at the site include the following:
 - (a) Groundwater at the site must not be used for drinking water purposes;
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 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.
9. 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;

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- (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:

- Chloride ion, sodium ion; and
- LEPHs, HEPHs.

To meet risk-based remediation standards:

- Arsenic.

Substances remediated in water for drinking water use:

To meet risk-based remediation standards:

- Arsenic.

Substances remediated in water for freshwater aquatic life water use:

To meet risk-based remediation standards:

- Arsenic.

Substances remediated in sediment for freshwater sensitive sediment use:

To meet numerical remediation standards:

- Arsenic.

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Schedule D

Documents

Summary of Site Condition – 27540 28th Avenue, Langley, BC, Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., September 2015;

Performance Verification Plan - 27540 28th Avenue, Langley, BC, Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., September 25, 2015;

Addendum to Stage 1 Preliminary Site Investigations: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., September 2015;

Ecological Risk Assessment: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jas Minhas, R.P.Bio., Jay Rao, P.Eng. and Scott Steer, R.P.Biol., Levelton Consultants Ltd., September 2015;

Human Health Risk Assessment: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jas Minhas, R.P.Bio., Jay Rao, P.Eng. and Scott Steer, R.P.Biol., Levelton Consultants Ltd., September 2015;

Addendum to Extended Stage 2 Preliminary Site Investigation, Detailed Site Investigation and Remedial Excavations: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., September 2015;

Aquatic Ecological Risk Assessment (Draft) – 27540 28th Avenue, Langley, BC, by Karla Graf, B.Eng., C. Tech. and Dr. Tom Watson, R.P.Biol (BC), P. Biol (AB), July 2012;

Extended Stage 2 Preliminary Site Investigation, Detailed Site Investigation and Remedial Excavations: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., 22 October 2010; and

Stage 1 Preliminary Site Investigation: Former Aldergrove Sewage Treatment Lagoons - 27540 28th Avenue, Langley, BC, by Jason Tung, EIT and Jay Rao, P.Eng., Levelton Consultants Ltd., 22 October 2010.

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