



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.

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.

October 30, 2014

Date Issued

A handwritten signature in black ink, appearing to read "PK", written over a horizontal line.

Peter Kickham
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at 399 Highway 16, Burns Lake, British Columbia which is more particularly known and described as:

Lot 1 District Lot 6308, Plan 1295, Range 5, Coast District, except Plan 11909
PID: 009-289-682

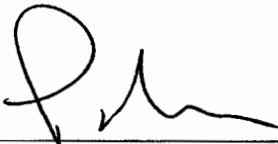
Lot 2 District Lot 6308, Plan 1295, Range 5, Coast District, except Plan 11909
PID: 009-289-607

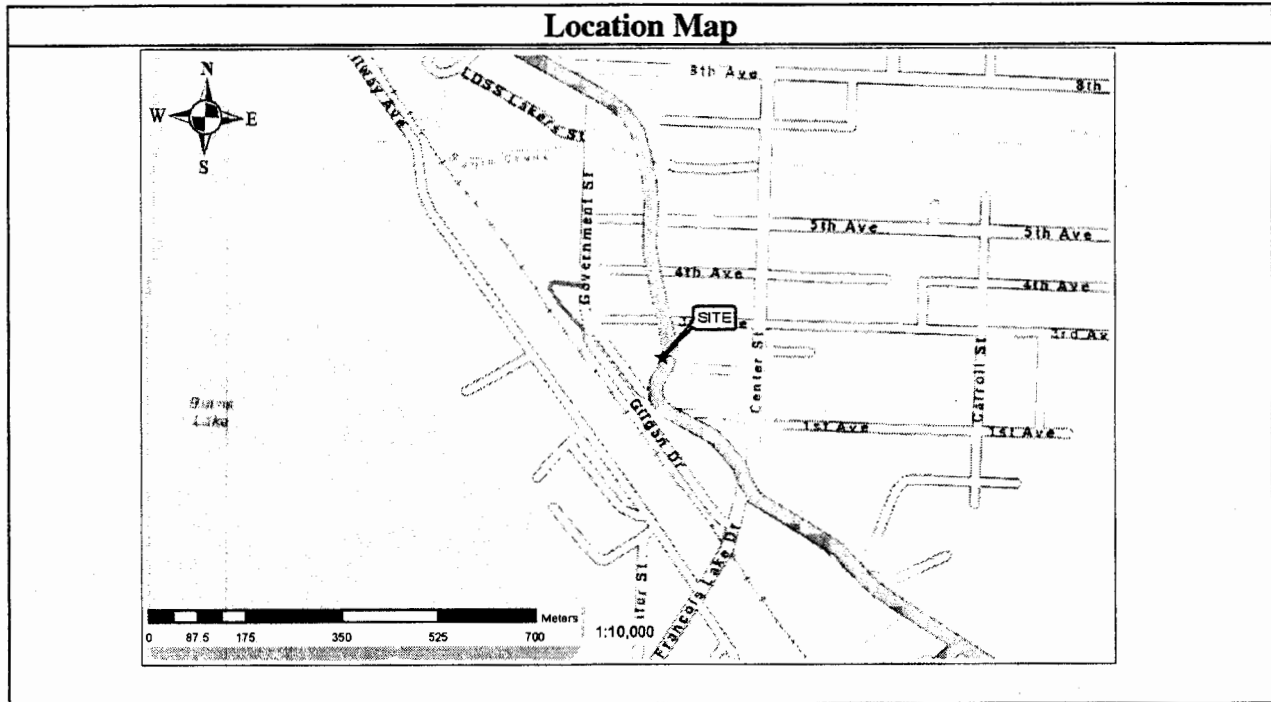
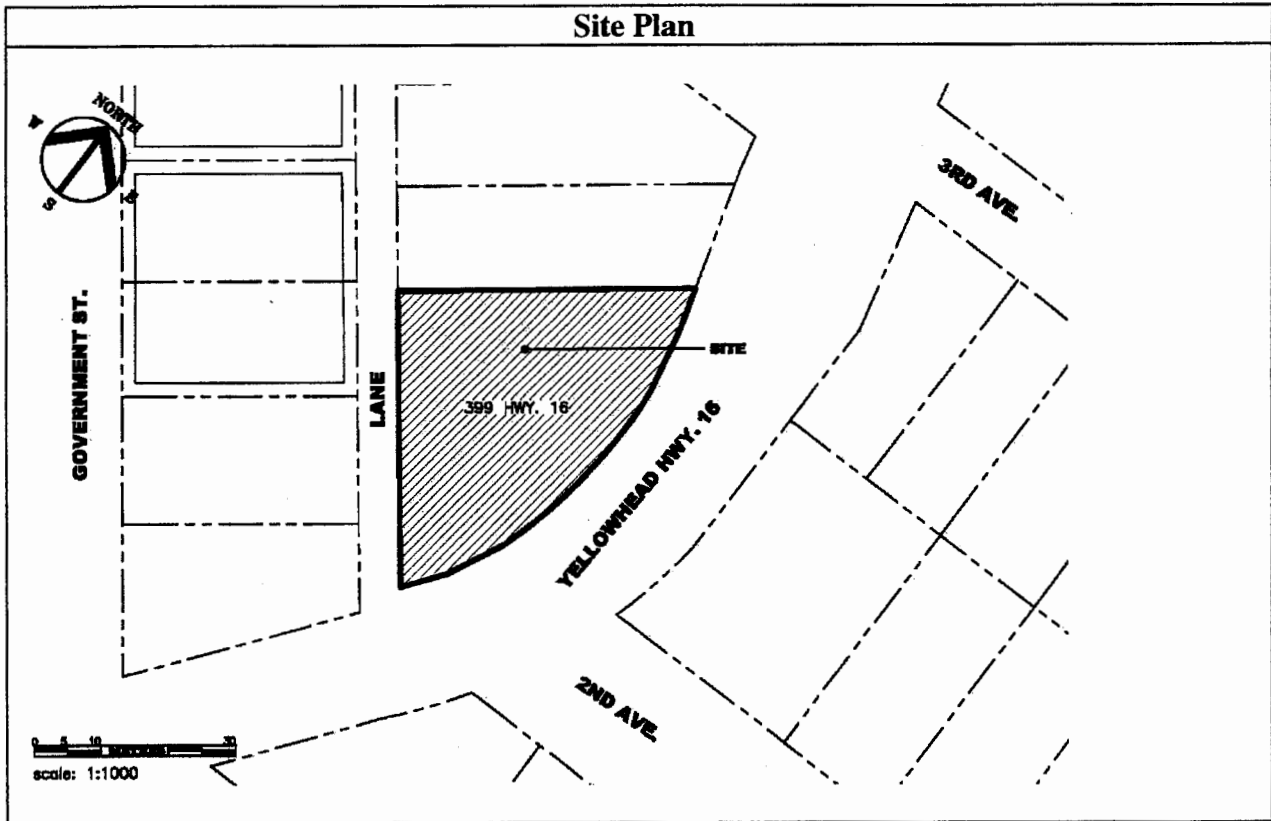
Lot 3 District Lot 6308, Plan 1295, Range 5, Coast District, except Plan 11909
PID: 009-289-658

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

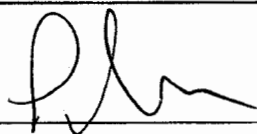
Latitude: 54° 13' 46.00"
Longitude: 125° 45' 46.20"

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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 these conditions apply 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 trenches expected at the site. These assumptions include the following:

- a) A worker health and safety plan with provisions to prevent vapour inhalation exposures must be developed in the event that trenches (excavations that are deeper than they are wide, >1.5 m below grade and suitable for human entry) are advanced at the Site; and
- b) Future use of the Site must not include the construction of a building(s).

Any inconsistencies that arise between the structures, locations and depths of proposed or constructed trenches at the site and the range of structures, locations and depths of 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) A worker health and safety plan with provisions to prevent vapour inhalation exposures must be developed in the event that trenches (excavations that are deeper than they are wide, >1.5 m below grade and suitable for human entry) are advanced at 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.

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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(s) 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(s);
 - (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 commercial land soil use:

To meet risk-based remediation standards:

- Benzene, ethylbenzene, toluene and xylene;
- VPHs, LEPHs and HEPHs; and
- Arsenic, tin and zinc.

Substances remediated in water for freshwater aquatic life water use:

To meet numerical remediation standards:

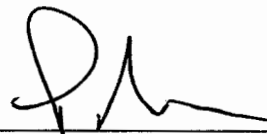
- Benzene, ethylbenzene and toluene;
- VH_{w6-10} ; and
- Cobalt.

To meet risk-based remediation standards:

- VPHw and LEPHw; and
- Naphthalene and pyrene.

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Schedule D

Documents

Summary of Site Condition (for Site), prepared by John DeCesare, Ph.D., Eng.L. (BC), Tara Siemens Kennedy, M.E.T., PChem, SNC-Lavalin Inc., Environment & Water, dated August 8, 2014;

Stage 1 and 2 Preliminary Site Investigations, Detailed Site Investigation and Decommissioning, Former Shell Service Station, 399 Highway 16, Burns Lake, BC, Location Code: C09674, Volumes I to III, prepared by Melisa Gunn, B.A.Sc., Edna Wong, P.Eng., Dave Newton, P.Geo., SNC-Lavalin Inc., Environment & Water, dated March 13, 2014;

Protocol 6 Preapproval Application for 399 Highway 16, Burns Lake, British Columbia, prepared by MOE, dated July 31, 2014;

Human Health and Ecological Risk Assessment, Former Shell Service Station at 399 Highway 16, Burns Lake, BC, Location Code: C09674, prepared by Corey Miller, B.Sc., B.I.T., Mandeep Purewal, M.E.T., R.P.Bio., P.Ag., SNC-Lavalin Inc., Environment & Water, dated March 17, 2014;

Performance Verification Plan, Former Shell Service Station, 399 Highway 16, Burns Lake, BC Location Code: C09674 prepared by Corey Miller, B.Sc., B.I.T., Mandeep Purewal, M.E.T., R.P.Bio., P.Ag., SNC-Lavalin Inc., Environment & Water, dated March 17, 2014;

Biocell Sampling and Decommissioning SVE System Monitoring Burns Lake Shell No. C09674, 399 Hwy 16 West, Burns Lake, prepared by K. Froats, P.J. Lowery, P.Eng., SEACOR Environmental Inc, dated February 9, 1998;

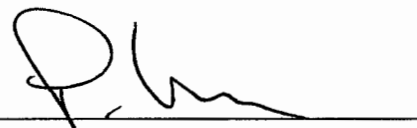
Biocell Operation/Sampling and SVE System Monitoring Burns Lake Shell No. C09674, 399 Hwy 16 West, Burns Lake, prepared by Timothy J. Jaques, P.Geo. (Alta.), Philip Lowery, P.Eng., SEACOR Environmental Inc, dated July 8, 1997;

Biocell Operation/Sampling and SVE System Monitoring Burns Lake Shell No. C09674, 399 Hwy 16 West, Burns Lake, prepared by Philip Lowery, P.Eng., SEACOR Environmental Inc, dated January 10, 1997;

Biocell Sampling and SVE System Monitoring Burns Lake Shell No. C09674, 399 Hwy 16 West, Burns Lake, prepared by Philip Lowery, P.Eng., SEACOR Environmental Inc, dated August 16, 1995;

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Remedial Site Works Burns Lake, BC, prepared by M. E. Harries, EIT, J. W. Linke, P.Geo., SEACOR Environmental Inc, dated November 2, 1994;

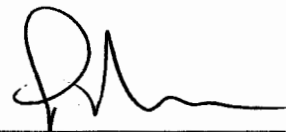
Site Monitoring Update Shell Canada Ltd. No. C09674, prepared by Tracey Forbister, A.Sc.T, A. J. Sheppard, P.Geo., SEACOR Environmental Inc, November 19, 1993;

Phase II Environmental Assessment Burns Lake Shell No. C09674, prepared by James Redford, Eng. Tech., Alan Sheppard, P.Geo., SEACOR Environmental Inc, dated February 8, 1993; and

Environmental Site Assessment Burns Lake Shell No C09674, prepared by Cornelis Van Dijk, B.S., W. N. Diddens, P.Eng., SEACOR Environmental Inc, dated November 3. 1992.

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