



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.

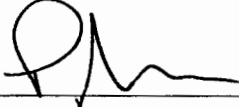
The substances for which remediation has been satisfactorily completed and for which this Certificate of Compliance is valid are listed in Schedule C.

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


Peter Kickham
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at a portion of lane near Highway 16 and 2nd Street, Burns Lake, British Columbia which is more particularly known and described as:

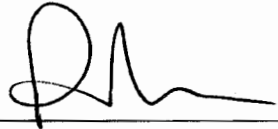
Commencing at the south corner of Lot 1, 2, & 3 District Lot 6308, Plan 1295, Range 5, Coast District, except Plan 11909. Thence, at a bearing of 36 degrees 41 minutes 52 seconds a distance of 6.33 m. Thence, at a bearing of 142 degrees 16 minutes 0 seconds a distance of 29.70 m. Thence, at a bearing of 232 degrees 19 minutes 37 seconds a distance of 1.58 m. Thence, at a bearing of 142 degrees 16 minutes 0 seconds a distance of 8.66 m. Thence, at a bearing of 232 degrees 16 minutes 0 seconds a distance of 4.51 m. Thence, at a bearing of 322 degrees 16 minutes 0 seconds a distance of 36.67 m to the point of commencement, and comprising an area of 215.08 m².

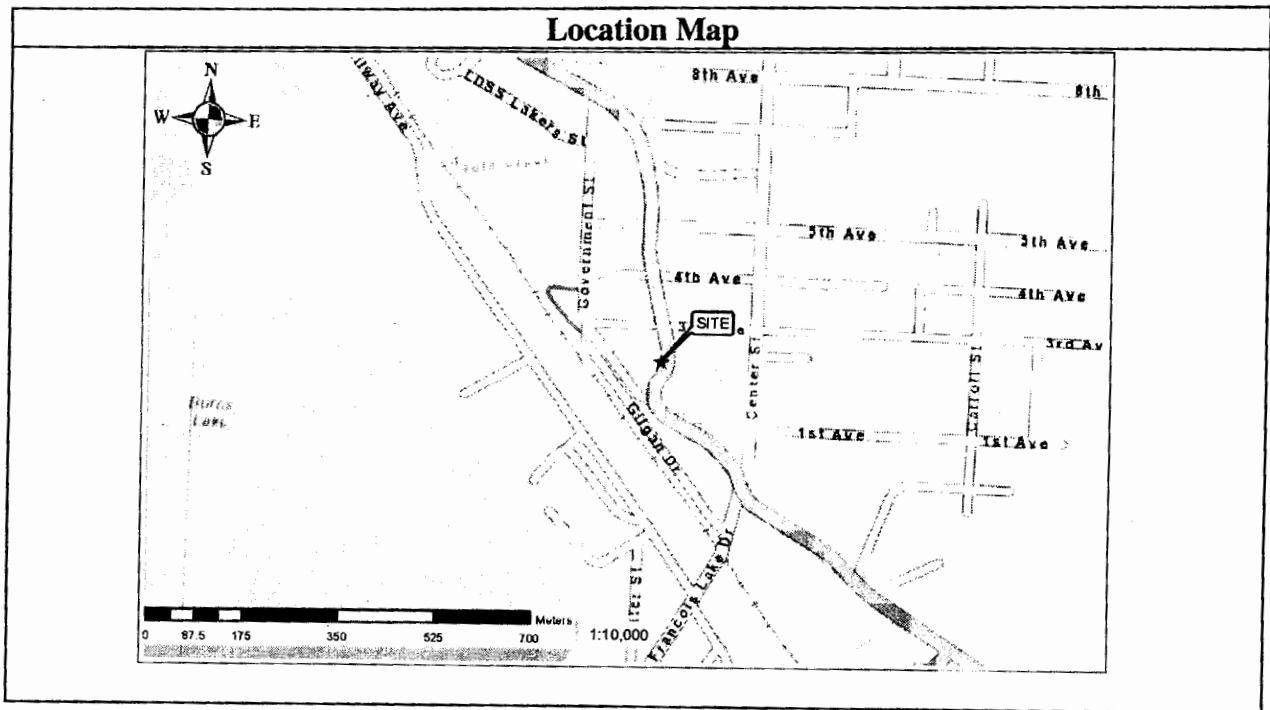
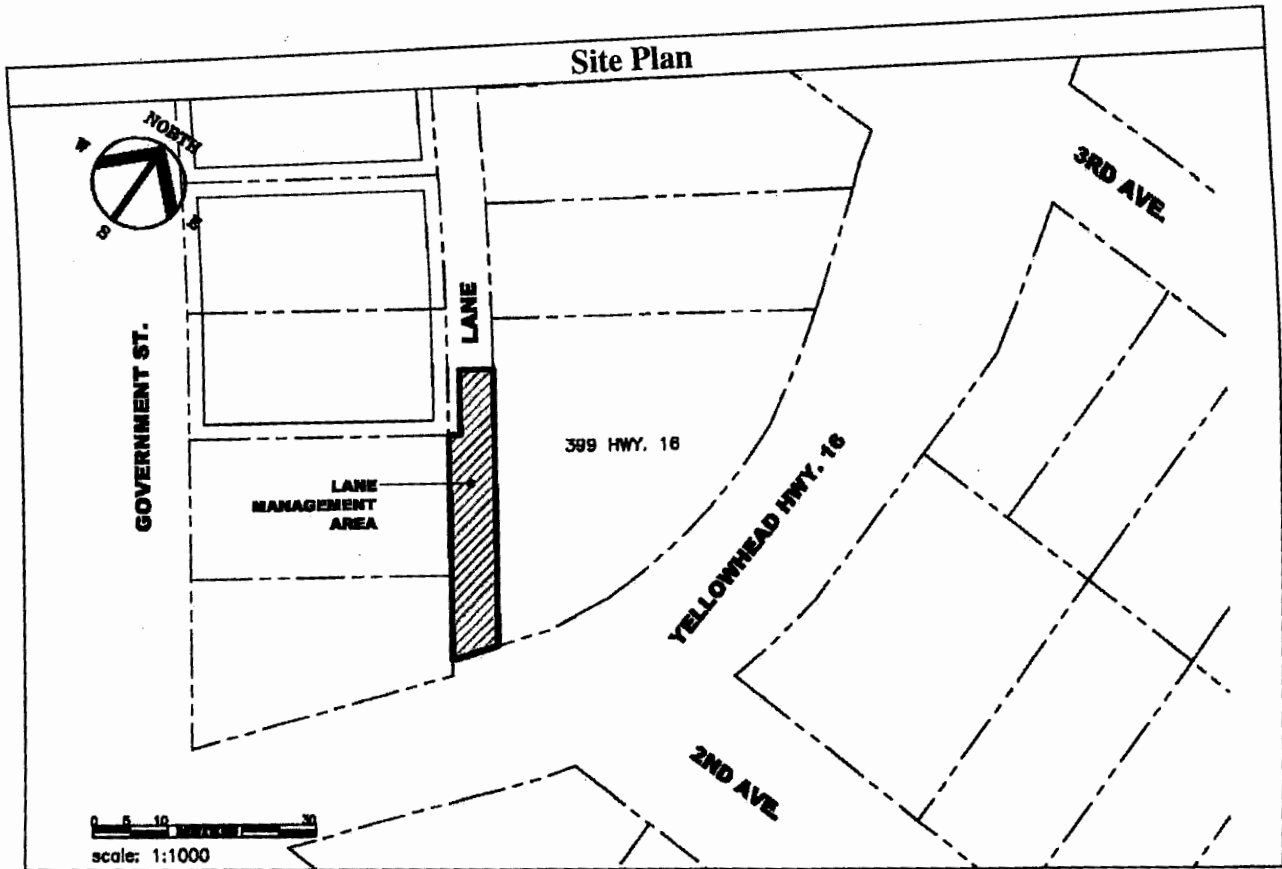
The site contains part of a legal parcel depicted in an engineering drawing 132028-002 prepared by SNC-Lavalin Inc. on December 13, 2013.

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

Latitude: 54° 13' 45.60"
Longitude: 125° 45' 48.00"

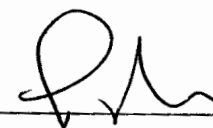
October 30, 2014
Date Issued


Peter Kickham
For Director, *Environmental Management Act*



October 30, 2014

Date Issued


 Peter Kickham
 For Director, Environmental Management Act

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.
2. 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 existing or expected at the site. These assumptions include the following:
 - (a) Land use in the Lane MA will remain industrial with no buildings present (e.g. laneway or roadway); and,
 - (b) 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 Lane MA.

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 Lane MA.
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.

October 30, 2014

Date Issued



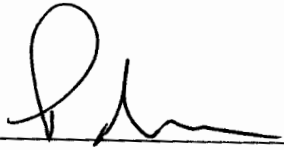
Peter Kickham

For Director, *Environmental Management Act*

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.

October 30, 2014
Date Issued



Peter Kickham
For Director, *Environmental Management Act*

Schedule C

Substances and Uses

Substances remediated in soil for IL soil use:

To meet risk-based remediation standards:

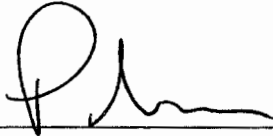
- Benzene, ethylbenzene, toluene, xylene
- VPHs, HEPHs

Substances remediated in water for freshwater aquatic life water use:

To meet risk-based remediation standards:

- Benzene, toluene
- VH_{w6-10} , VPHw, LEPHw
- Naphthalene

October 30, 2014
Date Issued


Peter Kickham
For Director, *Environmental Management Act*

Schedule D

Documents

Summary of Site Condition (for Lane MA), 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, Lane Management Area Adjacent 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

October 30, 2014
Date Issued


Peter Kickham
For Director, *Environmental Management Act*

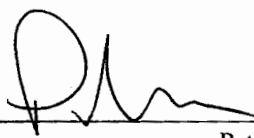
Remedial Site Works Burns Lake, BC, prepared by M. E. Harries, EIT, J. W. Linke, P.Geo., SEACOR Environmental Inc, dated November 2, 1994

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

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

October 30, 2014
Date Issued


Peter Kickham
For Director, *Environmental Management Act*

CSAP Application Log

CoC Detailed Risk, Type 2

| | | | |
|---------------------------------|--|----------------------------------|---|
| Site Information | | <i>CoC Detailed Risk, Type 2</i> | |
| Approved Professional | John DeCesare, T. Kennedy | | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> R...:11/10 AUG 28 2014 </div> |
| Company (APs firm) | SNC Lavalin Environment Inc | | |
| CSAP Reference No. | 14-0190 | Site ID Number | <div style="text-align: center;"> <i>17135</i> Application Number </div> |
| | | | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> 4432 </div> |
| Site City Address / Common Name | portion of line near Highway 16 and 2nd Street, Burns Lake | | |

SUMMARY OF SUBMISSION PROCESSING TIME CSAP AND MOE

| Date Stamped (Received at CSAP) | Aug 15 2014 | CSAP (Date sent to MOE) | Aug 27 2014 | Travel days | Date Stamped (Received at MOE) | | |
|---------------------------------|--------------|------------------------------------|-------------|---------------|--------------------------------|---------------------|--|
| CSAP Processing days | | AP Response days | | Date Assigned | | MOE Processing days | |
| AP Fax No. | 780-430-0549 | Date Final Package Forwarded to AP | | | | | |

Correspondence by Date

| Date | Comments |
|-------------|---|
| Aug 25 2014 | Submission screened, lat and long verified with Google Earth, comments emailed to AP. |
| Aug 27 2014 | Comments received from AP: 1) Q: I do not see Site Risk Classification Report. Please confirm. AP: We have already sent in a Site Risk Classification Report to the MoC on June 5, 2014 as part of the Protocol 6 Preapproval application. There have been no changes since then. |
| Aug 27 2014 | 2) Q: I do not see NoDN in the package. Was it filed? AP: In Appendix IV, the detailed site registry search for Site 3020 lists "Notification Received About Likely or Actual Substance Migration to Neighbouring Site" received November 20, 2007. Since that is listed in the site registry (i.e. confirm it was done and the Reg. has a copy), I don't believe based on past experience an actual copy is needed in the report if such. |
| Aug 27 2014 | 3) Q: According to BC Site Registry, the site coordinates are 54d 13m 45.3s and 125d 45m 45.7s, while in application it is 54d 13m 46s and 125d 45m 46.7s. Please confirm. Please note, that there will be three separate sites, and the coordinates should show the centre of each site. AP: We've checked and the site coordinates listed on the Site Registry are slightly off. The coordinates listed in the application are correct. |
| Aug 27 2014 | 4) Q: According to MoE template of CoC classes 6 to 9 should be included in Sch. B for risk instrument type 2. Please include and specify the relevant Rs. AP: We believe class 6 to 9 only apply for Type 2 if we have Operations and Management Plan - since we don't have this plan, we don't believe the classes are applicable. |
| | 5) Q: Drawing 132020-002 does not have meter and bounds description. Please confirm you referenced the correct drawing in CoC Sch. A. AP: I don't believe based on past experience that the drawing needs to have the meter and |

