



Victoria File: 26250-20/4418
Site ID: 4418

March 17, 2023

Troy Kinch
Orica Canada Inc.
Suite 5300- 199 Bay Street
Commerce Court West
Toronto, ON M5L 1B9
troy.kinch@orica.com

Dear Mr. Kinch:

Re: Certificate of Compliance - 1315 Tappen Valley Road, Tappen, BC

Please find enclosed a Certificate of Compliance respecting the site referenced above.

In addition to the conditions set out in Schedule B of the Certificate of Compliance, please be advised of the following:

1. Information about the site will be included in the Site Registry established under the *Environmental Management Act*.
2. The provisions of this Certificate of Compliance are without prejudice to the right of the Director to make orders or impose requirements as the Director may deem necessary in accordance with applicable laws. Nothing in this Certificate of Compliance will in any way restrict or impair the Director's power in this regard.
3. A qualified environmental consultant should be available to identify, characterize and appropriately manage:
 - (a) any environmental media that may be contaminated, or
 - (b) soil which may exceed the standards triggering a Contaminated Soil Relocation Agreement set out in section 40 of the Contaminated Sites Regulationand may be encountered during any future subsurface work at the site.
4. Groundwater wells that are no longer required must be properly decommissioned in accordance with the *Water Sustainability Act's* Groundwater Protection Regulation.

5. Please note that the attached Certificate of Compliance does not address obligations of employers regarding worker health and safety under the *Workers Compensation Act* and Occupational Health and Safety Regulation. Development of site-specific work procedures in accordance with Workers' Compensation Board regulations may be warranted. Please direct related questions to Worksafe BC.

Issuance of this Certificate of Compliance is a decision that may be appealed under Part 8 of the *Environmental Management Act*.

If you require clarification of any aspect of this Certificate of Compliance, please contact the undersigned at site@gov.bc.ca.

Yours truly,



Annette Mortensen, Ph.D., P.Eng
Senior Contaminated Sites Officer

Enclosure

cc: Columbia Shuswap Regional District, Planning Service, plan@csrd.bc.ca
Terry Sulphur, 1000516 B.C. Ltd., Inc. No. BC1000516, terry@mountaininsideearthworks.com
Client Information Officer, ENV, Victoria, csp_cio@Victoria1.gov.bc.ca
CSAP Society, apopova@csapsociety.bc.ca
Gary Hamilton, Approved Professional, Hamilton D'Ambra Consulting Inc.,
Garyhamilton49@gmail.com
Marion Houlbrook, Associated Environmental Consultants Inc., houlbrookm@ae.ca



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.

March 17, 2023
Date Issued


A. Mortensen
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at 1315 Tappen Valley Road, Tappen, British Columbia which is more particularly known and described as:

The southeast 1/4 of Section 30, Township 21, Range 10 West of the 6th Meridian, Kamloops Division, Yale District, Except Plan H14421

PID 014-085-691

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

Latitude: 50° 48' 45.3"
Longitude: 119° 22' 18.7"

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Date Issued

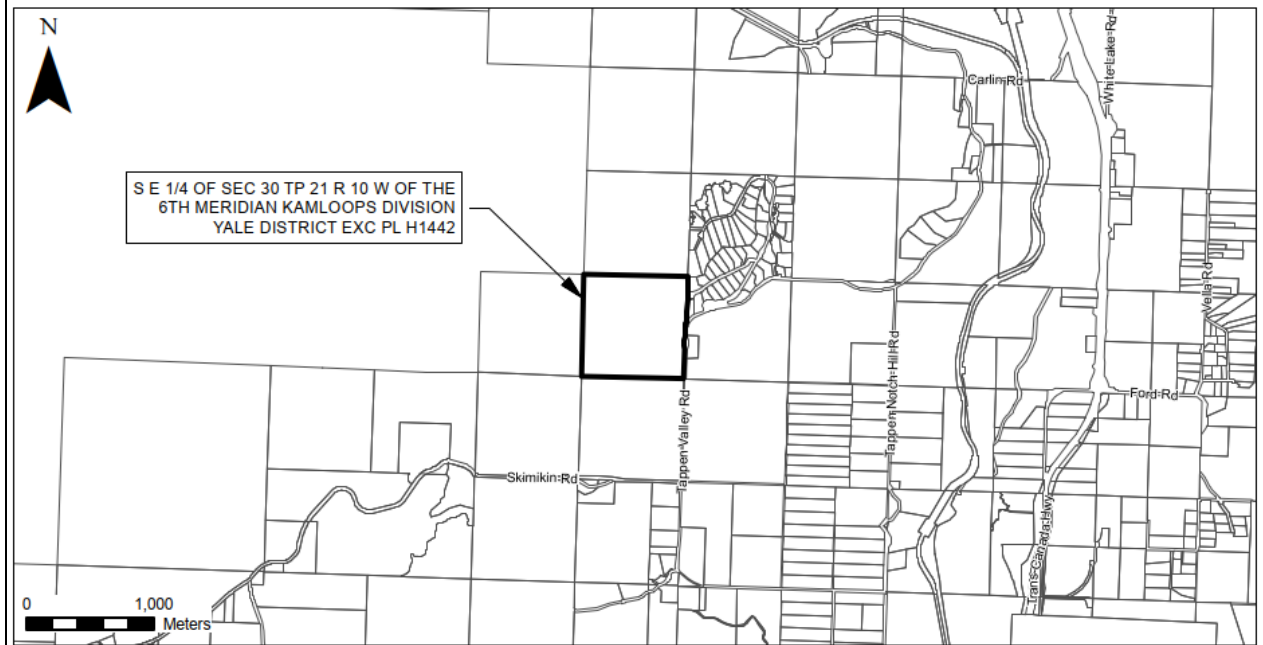


A. Mortensen
For Director, *Environmental Management Act*

Site Plan



Location Map



A. Mortensen

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A. Mortensen
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 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 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) *“Buildings erected on the site will be slab-on-grade only”.*

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.

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Schedule C

Substances and Uses

Substances remediated in soil for agricultural land soil use:

To meet numerical remediation standards:

| | |
|--|---------------------|
| antimony | 7440-36-0 |
| benzene | 71-43-2 |
| benzo(a)anthracene | 56-55-3 |
| benzo(b+j)fluoranthenes | 205-99-2 & 205-82-3 |
| benzo(k)fluoranthene | 207-08-9 |
| copper | 7440-50-8 |
| indeno(1,2,3-cd)pyrene | 193-39-5 |
| iron | 7439-9-1 |
| lead | 7439-9-1 |
| molybdenum | 7439-98-7 |
| polychlorinated dioxins and furans, total [PCDDs and PCDFs) | 1746-01-6 |
| pentaerythritol tetranitrate [PETN] | 78-11-5 |
| phenanthrene | 85-01-8 |
| pyrene | 120-00-0 |
| tin | 7440-31-5 |
| zinc | 7440-66-6 |

Substances evaluated to meet local background concentrations:

| | |
|----------|-----------|
| aluminum | 7429-90-5 |
| arsenic | 7440-38-2 |
| barium | 7440-39-3 |
| chromium | 7440-47-3 |
| cobalt | 7440-48-4 |
| iron | 7439-89-6 |
| lithium | 7439-93-2 |
| nickel | 7440-02-0 |
| vanadium | 7440-62-2 |

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Schedule D

Documents

- *Summary of Site Condition, 1315 Tappen Valley Road, Tappen, BC (#4418)*, prepared by Marion Houlbrook, Associated Environmental Consultants Inc., dated February 14, 2023
- *Final Addendum to Stage 1 and 2 Preliminary and Detailed Site Investigation, Confirmation of Remediation Report, 1315 Tappen Valley Road, Tappen, BC*, prepared by Associated Environmental Consultants Inc., dated December 22, 2022
- *Stage 1 and 2 Preliminary and Detailed Site Investigation, Confirmation of Remediation, 1315 Tappen Valley Road, Tappen, BC*, prepared by Associated Environmental Consultants Inc., dated October 11, 2022
- *Background Soil Assessment, 1315 Tappen Valley Road, Tappen, BC*, prepared by Associated Environmental Consultants Inc., dated May 1, 2022
- *Burning Grounds Closure Report - 1315 Tappen Valley Road, Tappen BC*, prepared by Associated Environmental Consultants Inc., dated June 1, 2022
- *Protocol 4 Approval for Local Background Soil Quality - 1315 Tappen Valley Road, Tappen, BC*, prepared by BC Ministry of Environment and Climate Change Strategy, dated October 4, 2022

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For Director, *Environmental Management Act*