



Victoria File: 26250-20/27091  
Site ID: 27091

May 18, 2023

Paul Savinkoff  
Ministry of Transportation and Infrastructure  
4C – 940 Blanshard Street,  
Victoria, BC V8W 3E6  
[Paul.Savinkoff@gov.bc.ca](mailto:Paul.Savinkoff@gov.bc.ca)

Dear Paul Savinkoff:

**Re: Certificate of Compliance - Part of 980 Industrial Rd No. 1 and Part of  
Panorama Drive, Invermere, 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 future site development may create preferential pathways for vapour. In this event, further assessment and remediation of vapour may be warranted.
6. 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 [james.plett@gov.bc.ca](mailto:james.plett@gov.bc.ca).

Yours truly,



James Plett  
Senior Contaminated Sites Officer

Enclosure

cc: Rory Hromadnik, District of Invermere  
(BY EMAIL) [planning@invermere.net](mailto:planning@invermere.net)

Chuck Jochems, Approved Professional, Active Earth Engineering  
(BY EMAIL) [chuck.jochems@activeearth.ca](mailto:chuck.jochems@activeearth.ca)

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Anna Popova, CSAP Society  
(BY EMAIL) [apopova@csapsociety.bc.ca](mailto:apopova@csapsociety.bc.ca)

Client Information Officer, ENV, Victoria  
(BY EMAIL) [csp\\_cio@Victoria1.gov.bc.ca](mailto:csp_cio@Victoria1.gov.bc.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.

The substances to which this Certificate of Compliance applies migrated to the site from a neighbouring source. It should not be assumed that this Certificate of Compliance certifies the remediation of all contaminants at the site.

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James Plett  
For Director, *Environmental Management Act*

## Schedule A

The site covered by this Certificate of Compliance is located at Part of 980 Industrial Rd No. 1 and Part of Panorama Drive, Invermere, British Columbia which is more particularly known and described as:

Commencing from the northwest corner of Lot 9, District Lot 375, Kootenay District, Plan 10059 (PID: 013-004-026), the point of beginning;

Thence (1) northerly along the bearing  $353^{\circ}17'49''$  a distance of 7.73 metres;

Thence (2) easterly along the bearing  $87^{\circ}23'08''$  a distance of 65.23 metres;

Thence (3) easterly along the bearing  $97^{\circ}58'28''$  a distance of 51.43 metres;

Thence (4) northerly along the bearing  $8^{\circ}07'56''$  a distance of 6.34 metres;

Thence (5) easterly along the bearing  $95^{\circ}34'38''$  a distance of 51.80 metres;

Thence (6) easterly along the bearing  $85^{\circ}08'26''$  a distance of 59.47 metres;

Thence (7) easterly along the bearing  $100^{\circ}34'09''$  a distance of 17.05 metres;

Thence (8) easterly along the bearing  $85^{\circ}09'42''$  a distance of 45.52 metres;

Thence (9) southeasterly along the bearing  $134^{\circ}19'07''$  a distance of 32.65 metres;

Thence (10) southeasterly along the bearing  $158^{\circ}27'38''$  a distance of 8.00 metres;

Thence (11) northeasterly along the bearing  $68^{\circ}27'38''$  a distance of 45.72 metres;

Thence (12) southeasterly along the bearing  $158^{\circ}27'38''$  a distance of 20.12 metres;

Thence (13) southwesterly along the bearing  $248^{\circ}27'38''$  a distance of 45.72 metres;

Thence (14) southeasterly along the bearing  $158^{\circ}27'38''$  a distance of 19.62 metres;

Thence (15) southerly along the bearing  $201^{\circ}31'11''$  a distance of 29.46 metres;

Thence (16) southwesterly along the bearing  $228^{\circ}27'38''$  a distance of 54.86 metres;

Thence (17) northwesterly along the bearing  $338^{\circ}27'38''$  a distance of 7.62 metres;

Thence (18) easterly along the bearing  $68^{\circ}27'38''$  a distance of 54.86 metres;

Thence (19) northwesterly along the bearing  $338^{\circ}27'38''$  a distance of 53.64 metres;

Thence (20) westerly along the bearing  $248^{\circ}27'38''$  a distance of 69.47 metres;

Thence (21) southerly along the bearing  $179^{\circ}37'01''$  a distance of 14.00 metres;

Thence (22) northwesterly along the bearing  $321^{\circ}48'08''$  a distance of 73.15 metres;

Thence (23) westerly along the bearing  $292^{\circ}08'26''$  a distance of 39.63 metres;

Thence (24) westerly along the bearing  $278^{\circ}02'28''$  a distance of 125.56 metres;

Thence (25) westerly along the bearing  $262^{\circ}50'03''$  a distance of 33.47 metres to the point of beginning.

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Excluding:

Commencing from the northeast corner of Lot 1, Block 35, District Lot 267, Kootenay District, Plan 1143 (PID: 012-171-255), thence northwesterly along the bearing  $338^{\circ}28'38''$  a distance of 20.12 metres to the point of beginning;

Thence (2) westerly along the bearing  $282^{\circ}59'43''$  a distance of 59.14 metres;

Thence (3) southerly along the bearing  $179^{\circ}37'01''$  a distance of 36.42 metres;

Thence (4) northeasterly along the bearing  $68^{\circ}27'38''$  a distance of 61.69 metres to the point of beginning.

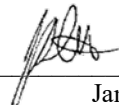
The site contains part of a legal parcel depicted in an engineering drawing prepared by Active Earth Engineering Ltd. on November 25, 2022.

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

Latitude:      $50^{\circ} 31' 1.3''$   
Longitude:     $116^{\circ} 01' 55.6''$

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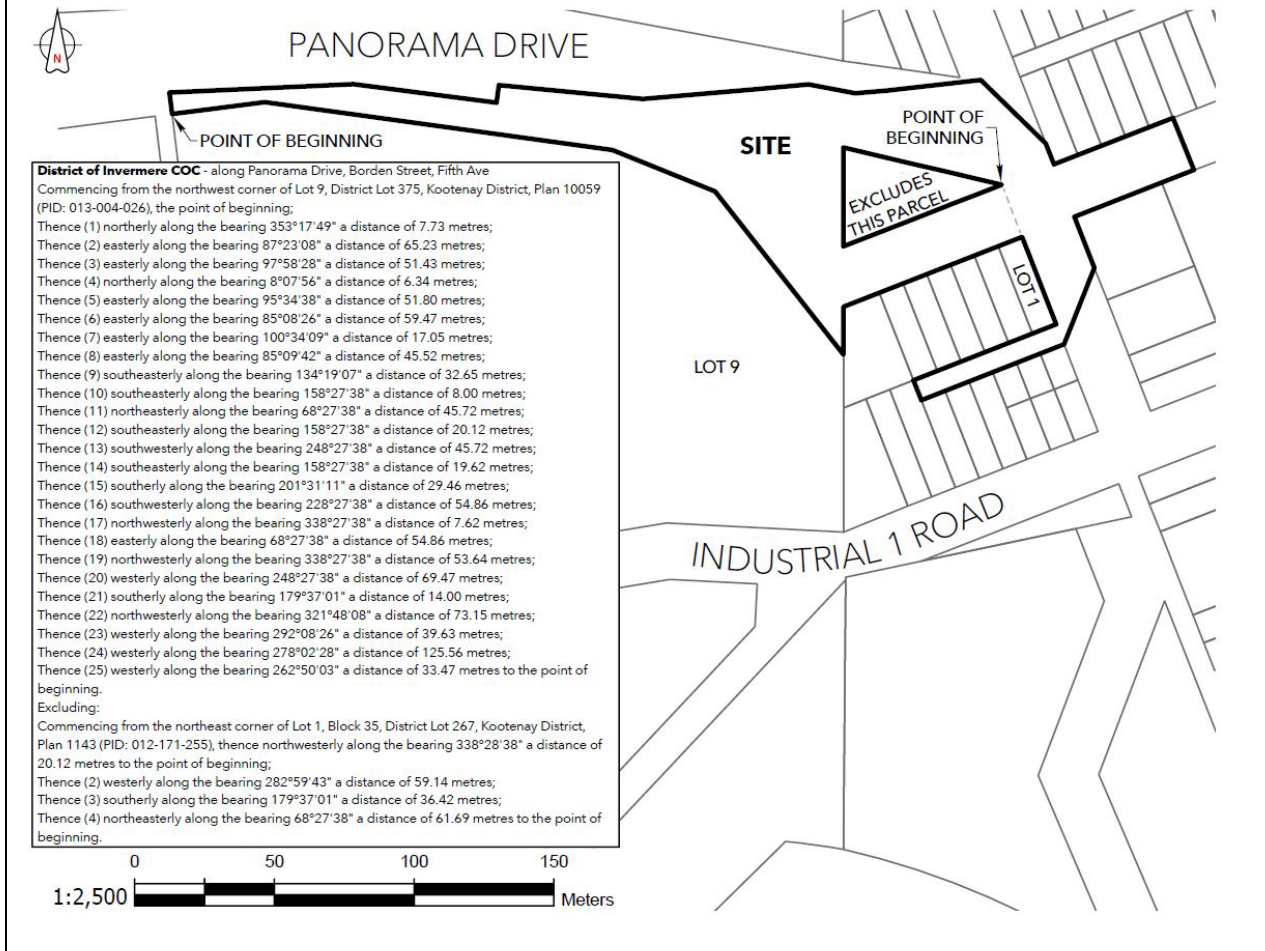
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For Director, *Environmental Management Act*

## Site Plan



## Location Map



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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 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 risk-based standard at the site. These vapour attenuation factors were selected based on assumptions about the structures, locations and depths of buildings, existing or expected at the site. These assumptions include the following:

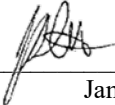
*(a) Future buildings at the site must be slab-on-grade construction.*

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 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) Site groundwater must not be used as a potable water source.*
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.

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## Schedule C

### Substances and Uses

#### *Substances remediated in soil for commercial land soil use:*

##### To meet numerical remediation standards:

ethylbenzene	100-41-4
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##### To meet risk-based remediation standards:

benzene	71-43-2
chloride ion	16887-00-6
HEPHs	N/A
lead	7439-92-1
LEPHs	N/A
sodium ion	17341-25-2
toluene	108-88-3
VPHs	N/A
xylenes	1330-20-7

##### To meet local background concentrations:

arsenic	7440-38-2
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##### To meet site-specific numerical standards:

barium	7440-39-3
chloride ion	16887-00-6

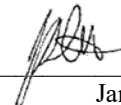
#### *Substances remediated in water for drinking water use:*

##### To meet numerical remediation standards:

benzene	71-43-2
EPHw10-19	N/A

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To meet risk-based remediation standards:

chloride ion	16887-00-6
ethylbenzene	100-41-4
lithium	7439-93-2
methylnaphthalene, 1-	90-12-0
methylnaphthalene, 2-	91-57-6
naphthalene	91-20-3
sodium ion	17341-25-2
toluene	108-88-3
trimethylbenzene ,1,3,5-	108-67-8
xylenes, total	1330-20-7

To meet local background concentrations:

lithium	7439-93-2
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***Substances remediated in water for freshwater aquatic life water use:***

To meet numerical remediation standards:

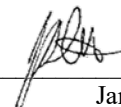
benzene	71-43-2
EPHw10-19	N/A

To meet risk-based remediation standards:

chloride ion	16887-00-6
LEPHw	N/A
naphthalene	91-20-3
toluene	108-88-3
VPHw	N/A
xylenes, total	1330-20-7

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## Schedule D

### Documents

*Summary of Site Condition, DOI Roadways and Right of Ways, Invermere, BC*, prepared by Active Earth Engineering Ltd., dated January 10, 2023.

*Communication Records, District of Invermere, BC*, prepared by Active Earth Engineering Ltd., dated January 6, 2023.

*Human Health and Ecological Risk Assessment, Invermere Highways Yard, 980 Industrial Road No. 1, Invermere, BC*, prepared by Steer Environmental Associates Ltd., dated December 2022.

*Summary of Results Summer 2022 Groundwater Sampling, Invermere Highways Yard, BC*, prepared by Active Earth Engineering Ltd., dated November 30, 2022.

*Stage 1 Preliminary Site Investigation Update, 980 Industrial Road 1, Invermere, BC*, prepared by Active Earth Engineering Ltd., dated November 7, 2022.

*Supplemental Detailed Site Investigation, Invermere Highways Yard, 980 Industrial Road No. 1, Invermere, BC*, prepared by SLR Consulting (Canada) Ltd., dated March 2020.

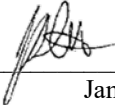
*Human Health and Ecological Risk Assessment, Invermere Highways Yard, 980 Industrial Road No. 1, Invermere, BC*, prepared by SLR Consulting (Canada) Ltd., dated March 2020.

*Protocol 9 Application for Determination of a Local Background Concentration for Dissolved Lithium in Groundwater, 980 Industrial Road 1, MOTI Highways Yard, Invermere, BC*, prepared by BC ENV, dated December 24, 2019.

*Establishing background concentration for arsenic in soil under Protocol 4 - 980 Industrial Road, Invermere, BC*, prepared by BC ENV, dated July 23, 2019.

*Preliminary Site Investigation, Detailed Site Investigation, and Confirmation of Remediation, Invermere Highways Yard, 980 Industrial Road No. 1, Invermere, BC*, prepared by TRI Environmental Consulting Inc., dated May 2, 2016.

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