



## 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.

January 4, 2018  
Date Issued

  
Lavinia Zanini, P.Geo.  
For Director, *Environmental Management Act*

## Schedule A

The site covered by this Certificate of Compliance includes off-site management areas within Lorne Street (Part 1) and the 8<sup>th</sup> Avenue right-of-way and a laneway (Part 2) adjacent to the former bulk plant at 135 8<sup>th</sup> Avenue, Kamloops, British Columbia, which is more particularly known and described as:

### Description of City Metes and Bounds #1 (Lorne Street Management Area):

Commencing at the north-west corner of Lot 4 shown red on Plan B2000, Block 78, D L 234, Plan 193;

Thence northwesterly on an azimuth of 304° 05' 11" more or less a distance of 1.351 metres more or less to the intersection of the northerly boundary of Lot 3, Block 78, Plan 193, except Plan B2078 with the line between bore holes BH102 and BH105;

Thence easterly on the line between bore holes BH102 and BH105 on an azimuth of 102° 43' 36" more or less a distance of 22.907 metres more or less to bore hole BH105;

Thence southeasterly on an azimuth of 124° 21' 22" more or less a distance of 8.327 metres more or less to bore hole BH104;

Thence southerly along the line between bore holes BH104 and BH29 on an azimuth of 170° 21' 04" more or less a distance of 11.493 metres more or less to its intersection with the northerly boundary of Lot 1, Plan KAP58706 which is included within Plan KAP58707;

Thence northwesterly along the southerly boundary of Lorne Street on an azimuth of 304° 05' 11" more or less a distance of 36.254 metres more or less to the point of commencement.

### Description of City Metes and Bounds #2 (8th Avenue and Laneway Management Area):

Commencing at the south-west corner of the northerly 75 feet of Lot 1 shown on Plan B1126, Block 78, Plan 193;

Thence southwesterly on an azimuth of 204° 31' 39" more or less a distance of 28.874 metres more or less to the south-west corner of the remainder of Lot 1, Block 78 Plan 193;

Thence southeasterly along the northerly boundary of the lane on an azimuth of 114° 11' 34" more or less a distance of 94.039 metres more or less to the intersection of the northerly boundary of the lane shown on Plan 193 with the line between bore holes BH100 and BH108;

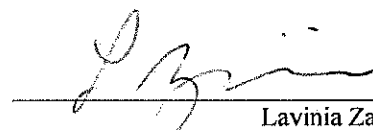
Thence southwesterly along the line between bore holes BH100 and BH108 on an azimuth of 208° 56' 34" more or less a distance of 4.298 metres more or less to bore hole BH108;

Thence southwesterly along the promulgation of the line between bore holes BH100 and BH108 on an azimuth of 208° 56' 34" more or less a distance of 0.596 metres more or less to the intersection of the line with the southerly boundary of the lane shown on Plan 193;

Thence northwesterly on an azimuth of 294° 11' 34" more or less a distance of 93.662 metres more or less to the intersection with 8th Avenue and the lane shown on Plan 193;

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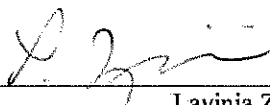
Thence northwesterly on an azimuth of 300° 56' 29" more or less a distance of 4.530 metres more or less to bore hole BH8;  
Thence northwesterly on an azimuth of 304° 55' 14" more or less a distance of 7.817 metres more or less to bore hole BH110;  
Thence northwesterly on an azimuth of 340° 06' 43" more or less a distance of 8.453 metres more or less to a point 6.300 metres from the top of pipe of bore hole BH113;  
Thence northerly on an azimuth of 12° 41' 33" more or less a distance of 6.022 metres more or less to a point 6.900 metres from the top of pipe of bore hole BH107;  
Thence northeasterly on an azimuth of 55° 41' 24" more or less a distance of 14.725 metres more or less to bore hole BH86;  
Thence northeasterly on an azimuth of 72° 03' 37" more or less a distance of 15.110 metres more or less to bore hole BH143;  
Thence easterly on an azimuth of 112° 32' 34" more or less a distance of 0.576 metres more or less to a point on the westerly boundary of the northerly 75 feet of Lot 1 shown on Plan B1126, Block 78, Plan 193;  
Thence southwesterly on an azimuth of 204° 31' 39" more or less a distance of 2.918 metres more or less to the point of commencement.

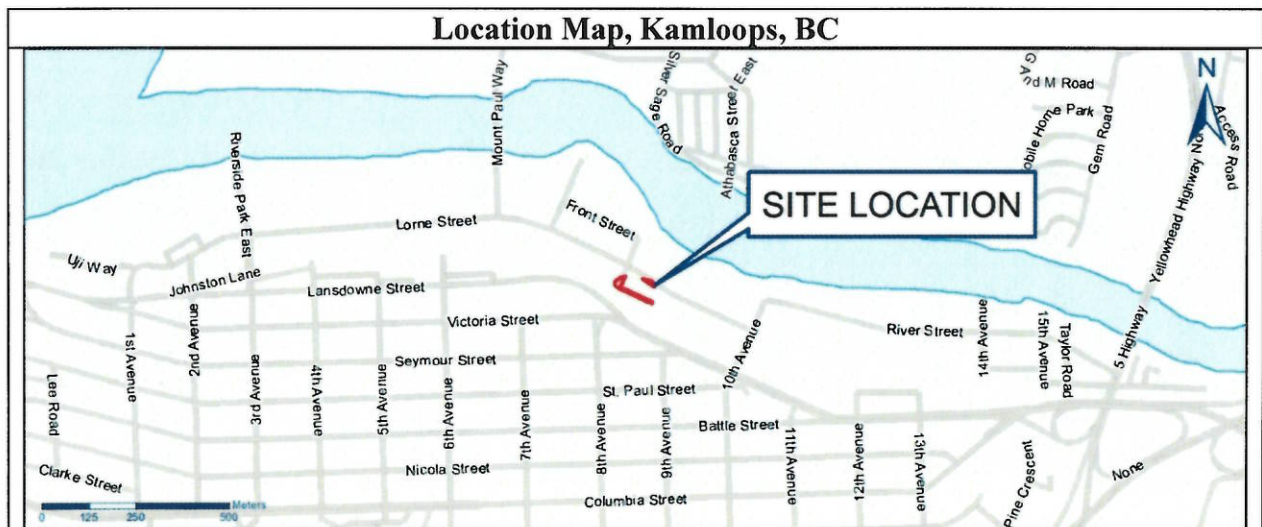
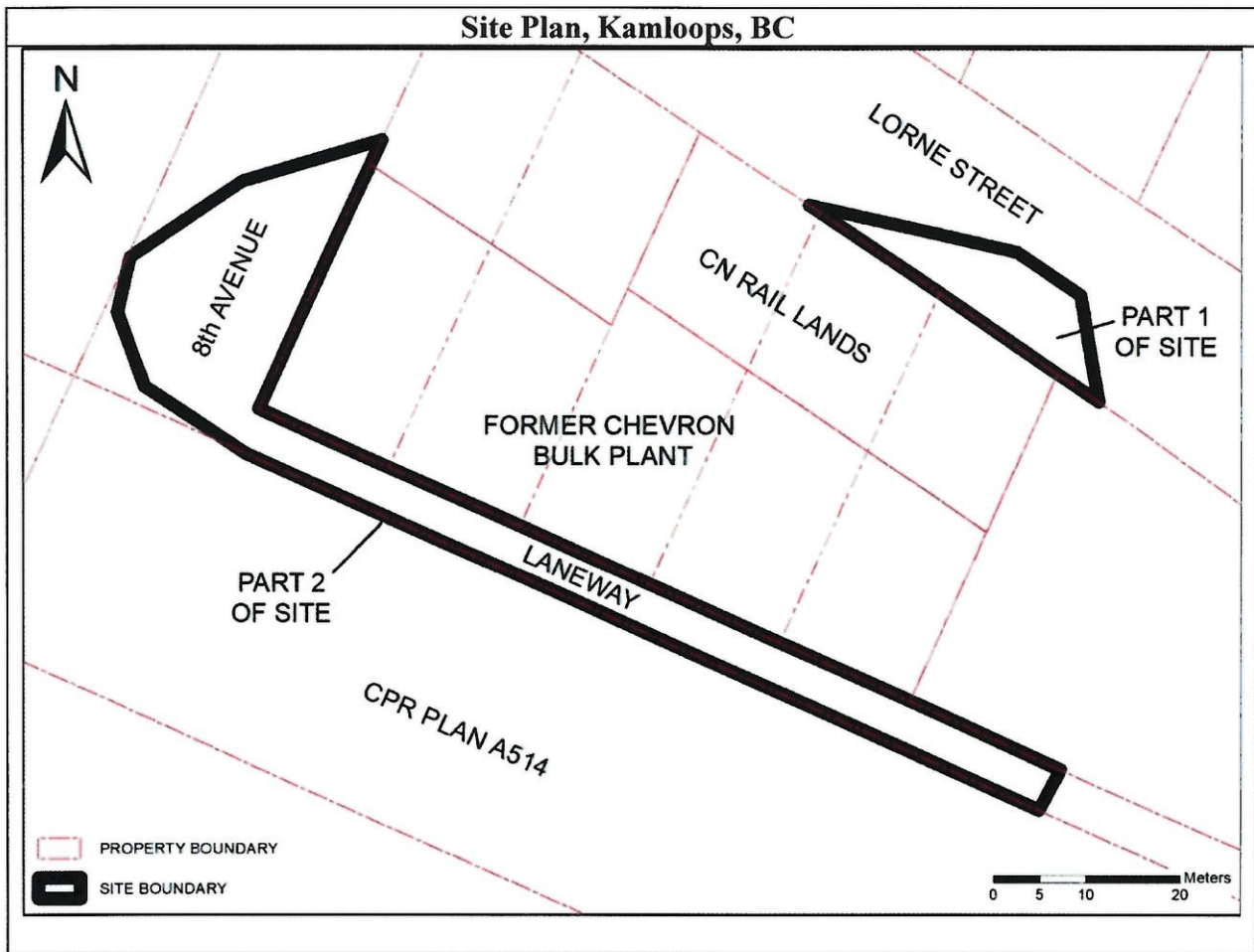
The metes and bounds of the Management Areas are depicted on the Underhill & Underhill Professional Land Surveyors "Sketch Plan Showing City Metes and Bounds Vicinity of 8<sup>th</sup> Avenue and Lane" and "Sketch Plan Showing City Metes and Bounds on Lorne Street", prepared by Christopher de Haan, BC Land Surveyor, for SLR Consulting (Canada) Ltd. on July 21, 2017.

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

Latitude:	50°	40'	35.0"
Longitude:	120°	19'	12.8"

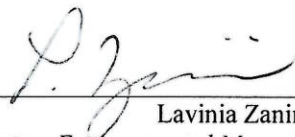
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## Schedule B

### Requirements and Conditions

1. Any changes in land, vapour or water uses must be promptly identified by the responsible person or 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 existing or expected at the site. These assumptions include the following:

- (a) Any building erected at the site will have a foundation no more than 1.8 meters below the current grade and groundwater will not come into contact with the building at any time of year.

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.

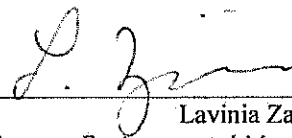
2. The principal risk controls which must be present or implemented and must be maintained at the site include the following:

- (a) Groundwater from the site must not be used as a source of drinking water.

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.

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## Schedule C

### Substances and Uses

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

##### To meet numerical remediation standards:

- Arsenic.

##### To meet risk-based remediation standards:

- Benzene and toluene.

#### *Substances remediated in water for freshwater aquatic life water use:*

##### To meet numerical remediation standards:

- Naphthalene.

##### To meet risk-based remediation standards:

- VPHw, LEPHw and EPHw<sub>10-19</sub>.

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

##### To meet numerical remediation standards:

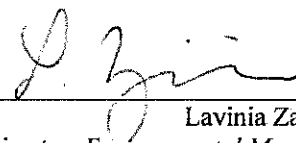
- Benzene and toluene.

##### To meet risk-based remediation standards:

- Arsenic;
- EPHw<sub>10-19</sub>;
- Dichloroethane, 1,2-; and
- Ethylbenzene and xylenes (total).

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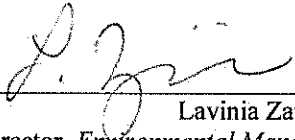
## Schedule D

### Documents

- *Summary of Site Condition*, SLR Consulting (Canada) Ltd., October 2017.
- *Preliminary and Detailed Site Investigations, Former Chevron Bulk Plant VCN0340, 135 8<sup>th</sup> Avenue, Kamloops, BC, BC MOE Site ID: 1638 and 1665*, Erin Robson and Sam Reimer, SLR Consulting (Canada) Ltd., August 2017.
- *Human Health and Ecological Risk Assessment, Former Chevron Bulk Plant VCN0340, 135 8<sup>th</sup> Avenue, Kamloops, BC, MOE Identification No: 1638 and 1665*, Ingrid Sorensen and Sam Reimer, SLR Consulting (Canada) Ltd., August 2017.
- *Letter RE: Application for Determination of Local Background Concentration for Dissolved Selenium Concentration in Groundwater, 135 – 8<sup>th</sup> Avenue, Kamloops, British Columbia*. BC Ministry of Environment, Land Remediation Section, July 2017.
- *Letter RE: Protocol 6 Approval Application for Non-Delineation, 135 – 8<sup>th</sup> Avenue, Kamloops, British Columbia*. BC Ministry of Environment, Land Remediation Section, July 2017.
- *Letter RE: Protocol 9 Determining Background Groundwater Quality – Dissolved Selenium, 135 – 8<sup>th</sup> Avenue, Kamloops, British Columbia*. Erin Robson and Sam Reimer, SLR Consulting (Canada) Ltd., May 2017.
- *Letter RE: Protocol 6 Approval Application for Non-Delineation, 135 – 8<sup>th</sup> Avenue, Kamloops, British Columbia*. Erin Robson and Sam Reimer, SLR Consulting (Canada) Ltd., May 2017.

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