



VIA EMAIL: cbogren@suncor.com

File: 26250-20/23367
Site ID: 23367

June 6, 2022

Curt Bogren
Suncor Energy Products Partnership
1155 Glenayre Drive
Port Moody, BC V3H 3E1

Dear Curt Bogren:

**Re: Certificate of Compliance – Management Area on 3035 Airport Road,
Kamloops, British Columbia**

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 Regulation and may be encountered during any future subsurface work at the site.
4. Contamination remains on lands adjacent to the site. Migration of contaminants from adjacent lands onto the site is currently minimized by an engineered protection system as documented in:

Performance Verification Plan Suncor Management Area, 3035 Airport Road, Kamloops, BC, E. Robson and M. Anderson, SLR Consulting (Canada) Ltd., April 12, 2022.

Waste Discharge Permit #10712, Ministry of Environment, July 24, 2014.

5. Groundwater wells that are no longer required must be properly decommissioned in accordance with the *Water Sustainability Act's* Groundwater Protection Regulation.
6. Please note that future site development may create preferential pathways for vapour. In this event, further assessment and remediation of vapour may be warranted.
7. 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 (toll free via Enquiry BC at 1-800-663-7867).

Yours truly,



Janet Barrett, M.Sc., P.Eng.
Senior Contaminated Sites Officer

Enclosure

cc: Ed Ratuski, Kamloops Airport Ltd.
ed_ratuski@kamloopsairport.com

Kamloops Airport Authority Society, 7 Victoria Street West, Kamloops, BC, V2C 1A2
info@kamloops.ca

Mortgage holder, City of Kamloops, Chief Administrative Officer's Office, 7 Victoria Street West, Kamloops, BC, V2C 1A2
cao@kamloops.ca

Client Information Officer, ENV Victoria
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CSAP Society

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Takako Matsueda, P.Eng., CSAP (numerical)

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Sam Reimer, M.Sc., P.Ag., CSAP (risk)

sreimer@slrconsulting.com



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.

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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Date Issued


Janet Barrett
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at a Management Area on 3035 Airport Road, Kamloops, British Columbia which is more particularly known and described as:

Commencing at a point easterly $88^{\circ} 33' 20''$, 70.824 metres from the northwest corner of Lot 1 District Lot A Group 2 Kamloops (formerly Lytton) Division Yale District and of District Lots 250, 251 and 348 Kamloops Division Yale District Plan KAP48109 expect Plan KAP54480; thence easterly along the north property boundary of said lot $88^{\circ} 33' 20''$, 478.310 m; thence south $180^{\circ} 00' 00''$, 22.494 metres; thence southwesterly $232^{\circ} 34' 50''$, 36.419 metres; thence southwesterly $215^{\circ} 48' 00''$, 30.904 metres; thence southeasterly $159^{\circ} 07' 49''$, 29.800 metres; thence southerly $200^{\circ} 50' 47''$, 27.304 metres; thence westerly $249^{\circ} 57' 16''$, 26.015 metres; thence southerly $204^{\circ} 43' 44''$, 112.628 metres; thence southerly $209^{\circ} 11' 06''$, 115.726 metres; thence southwesterly $212^{\circ} 28' 07''$, 21.668 metres; thence southwesterly $223^{\circ} 59' 26''$, 6.691 metres; thence southwesterly $235^{\circ} 03' 43''$, 6.505 metres; thence southwesterly $239^{\circ} 57' 32''$, 2.956 metres; thence westerly $244^{\circ} 40' 27''$, 4.026 metres; thence westerly $245^{\circ} 36' 56''$, 4.692 metres; thence westerly $256^{\circ} 10' 17''$, 4.352 metres; thence westerly $268^{\circ} 15' 57''$, 6.066 metres; thence westerly $281^{\circ} 04' 29''$, 6.106 metres; thence southwesterly $294^{\circ} 49' 46''$, 45.437 metres; thence on a circular curve to the left, in a north westerly direction, with a radius of 4.000 metres, following an arc distance of 3.317 metres; thence northerly $342^{\circ} 20' 38''$, 10.390 metres; thence on a circular curve to the left in a northeasterly direction, with a radius of 4.000 metres, following an arc distance of 2.964 metres; thence northerly $24^{\circ} 48' 05''$, 14.210 metres; thence northerly $35^{\circ} 11' 57''$, 2.331 metres; thence northerly $28^{\circ} 18' 36''$, 6.308 metres; thence northeasterly $33^{\circ} 09' 49''$, 5.522 metres; thence northeasterly $32^{\circ} 03' 56''$, 10.564 metres; thence northeasterly $30^{\circ} 09' 22''$, 17.430 metres; thence southwesterly $32^{\circ} 03' 16''$, 14.638 metres; thence northwesterly $317^{\circ} 03' 51''$, 102.658 metres; thence westerly $270^{\circ} 00' 00''$, 31.982 metres; thence westerly $248^{\circ} 28' 23''$, 54.015 metres; thence westerly $270^{\circ} 00' 00''$, 24.717 metres; thence northerly $00^{\circ} 00' 00''$, 39.412 metres; thence northeasterly $50^{\circ} 47' 51''$, 22.603 metres; thence northerly $349^{\circ} 54' 57''$, 41.175 metres; thence westerly $286^{\circ} 33' 36''$, 50.696 metres; thence westerly $270^{\circ} 00' 00''$, 22.066 metres; thence westerly $261^{\circ} 19' 46''$, 88.168 metres; thence northerly $00^{\circ} 00' 00''$, 35.070 metres; thence easterly $90^{\circ} 00' 00''$, 40.730 metres; thence northeasterly $64^{\circ} 51' 04''$, 38.993 metres; thence northerly $15^{\circ} 18' 26''$, 13.420 metres; thence northerly $00^{\circ} 00' 00''$, 44.234 metres more or less to the point of commencement. Containing 9.82 hectares (24.27 acres) more or less. Excepting thereout all mines and minerals.

PID: portion of 017-921-406

The site contains part of a legal parcel depicted in a legal sketch plan prepared by SLR Consulting (Canada) Ltd. on November 29, 2021.

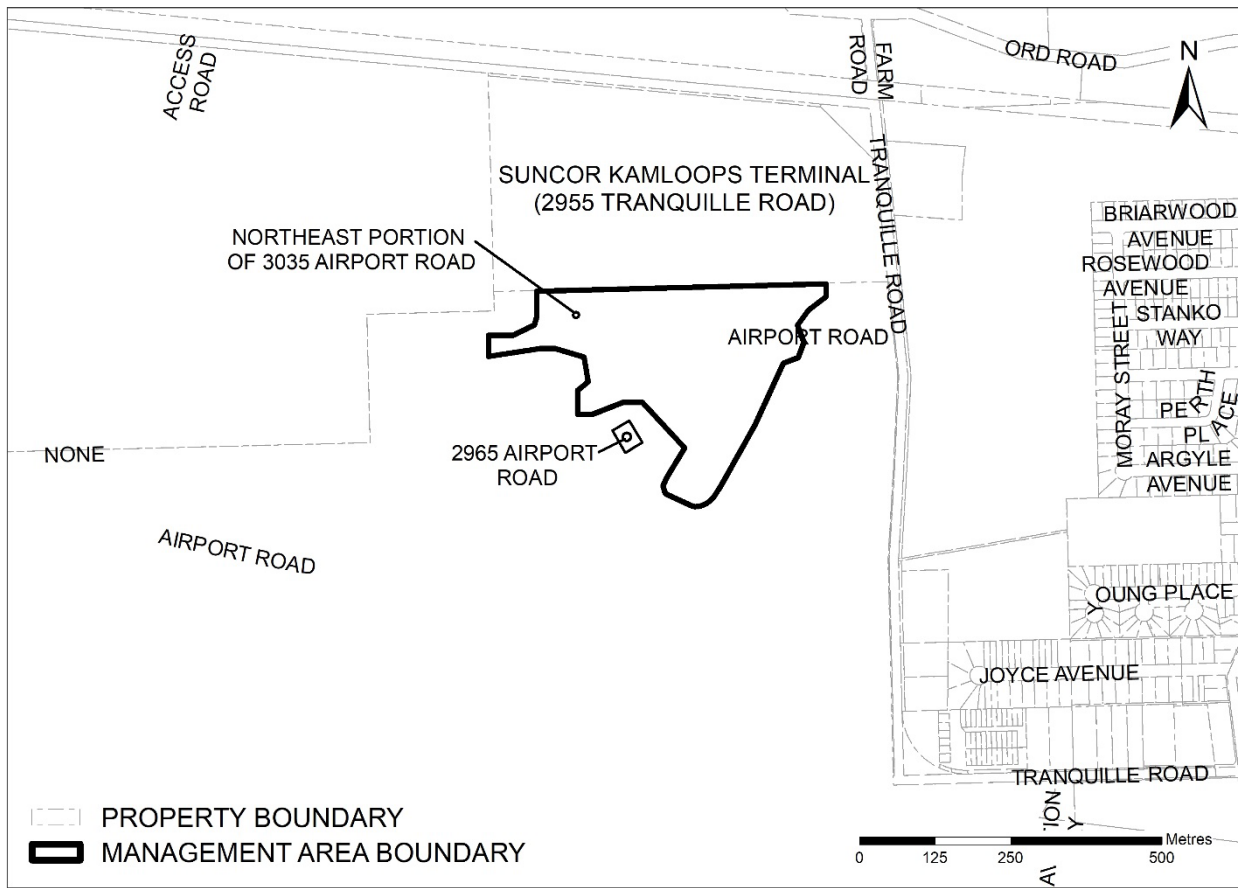
The approximate centre of the site using the NAD (North American Datum) 1983 convention is:

Latitude: $50^{\circ} 42' 32.00''$
Longitude: $120^{\circ} 26' 7.00''$

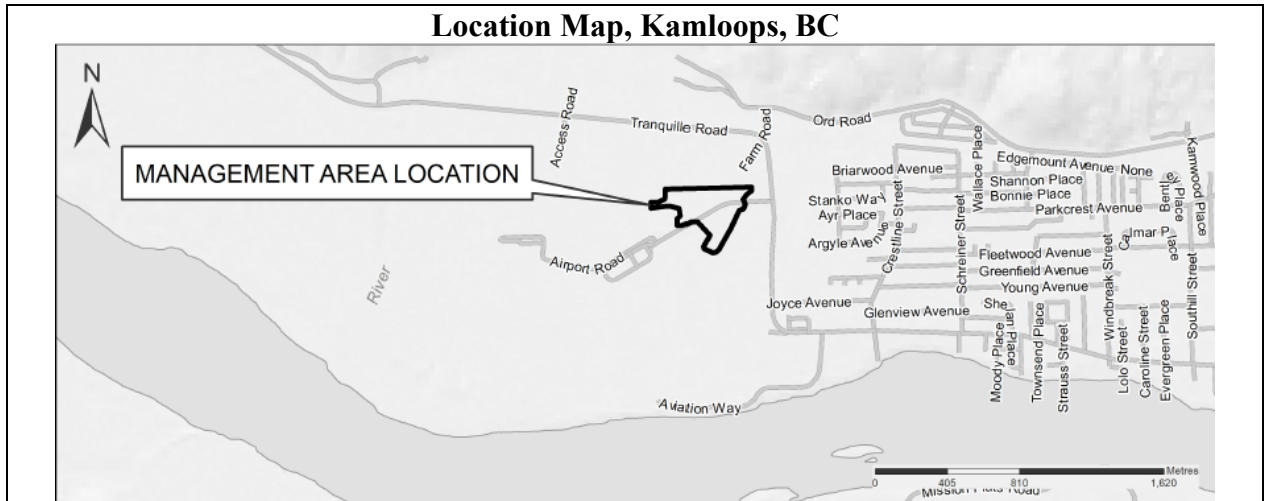
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Site Plan, Kamloops, BC



Location Map, Kamloops, BC



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 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.

The documents listed in Schedule D indicate that vapour attenuation factors were applied to meet Contaminated Sites Regulation numerical and risk-based 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) Buildings at the site will be slab on grade.

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) Management Area groundwater must not be used as a drinking water source.

(b) Groundwater monitoring must continue according to the terms and conditions of the Waste Discharge Permit #10712. Post-remedial plume stability at the Management Area must be verified following remediation system shut down.

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 persons 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 excursions;
 - (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 plans 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 71-43-2
- ethylbenzene 100-41-4
- LEPHs
- tetraethyl lead 78-00-2
- toluene 108-88-3
- VPHs
- xylenes 1330-20-7

Substances evaluated in water for drinking water use:

To meet local background concentrations:

- cobalt 7440-48-4

Substances remediated in water for drinking water use:

To meet numerical remediation standards:

- chrysene 218-01-9
- fluorene 86-73-7
- pyrene 129-00-0
- VHW6-10

To meet risk-based remediation standards:

- benz(a)anthracene 56-55-3
- benzene 71-43-2
- benzo(a)pyrene 50-32-8
- benzo(b+j)fluoranthenes 205-99-2 & 205-82-3
- dibenz(a,h)anthracene 57-70-3
- dimethylphenol, 2,4- 105-67-9
- dimethylphenol, 2,6- 576-26-1

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- dimethylphenol, 3,4- 95-65-8
- EPHw10-19
- ethylbenzene 100-41-4
- methylnaphthalene, 1- 90-12-0
- methylnaphthalene, 2- 91-57-6
- naphthalene 91-20-3
- tetrachloroethane, 1,1,2,2- 79-34-5
- tetraethyl lead 78-00-2
- toluene 108-88-3
- trimethylbenzene, 1,3,5- 108-67-8
- vinyl chloride 75-01-4
- xylenes, total 1330-20-7

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Schedule D

Documents

- *Summary of Site Condition*, SLR Consulting (Canada) Ltd., April 12, 2022.
- *Stage 1 Preliminary Site Investigation and Detailed Site Investigation*, 3035 Airport Road, Kamloops, BC, F. Lavina and A. Collett, SLR Consulting (Canada) Ltd., April 12, 2022.
- *Human Health and Ecological Risk Assessment*, Suncor Management Area, 3035 Airport Road, Kamloops, BC, C. Ott and M. Anderson, SLR Consulting (Canada) Ltd., April 12, 2022.
- *Performance Verification Plan Suncor Management Area*, 3035 Airport Road, Kamloops, BC, E. Robson and M. Anderson, SLR Consulting (Canada) Ltd., April 12, 2022.
- *Record of Correspondence for Suncor Management Area on a Portion of Kamloops Airport Lands at 3035 Airport Road, Kamloops, BC Adjacent to the Suncor Distributions Terminal at 2955 Tranquille Road, Kamloops, BC*, F. Lavina and A. Collett, SLR Consulting (Canada) Ltd., April 11, 2022.
- *Preapproval under Protocol 6 Application for relief from the requirement to obtain a Certificate of Compliance for the source property while seeking Certificates of Compliance for affected properties*, Suncor Distribution Terminal, 2955 Tranquille Road, Kamloops, BC, Suncor Management Area on Airport Property, portion of 3035 Airport Road, Kamloops, BC (017-921-406), Golf Course Management Area, portion of 3125 Tranquille Road, Kamloops, BC (023-035-650), Ministry of Environment and Climate Change Strategy, February 28, 2022.

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