



VIA EMAIL: randy.wenger@metrovancover.org

Victoria File: 26250-20/6513
Site ID: 6513

November 19, 2019

Randy Wenger
Greater Vancouver Water District
4730 Kingsway, 26th Floor
Burnaby, BC V5H 0C6

Dear Mr. Wenger:

Re: Certificate of Compliance – Portion of Coquitlam Watershed, 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. 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 604-582-5206 (toll free via Enquiry BC at 1-800-663-7867).

Yours truly,



Liliana Jerade
Senior Contaminated Sites Officer

Enclosure

cc:

Amy Moizumi, Senior Environmental Specialist, Public Services and Procurement Canada, Pacific Region, Government of Canada. amy.moizumi@pwgsc-tpsgc.gc.ca

Jordan Stones, Senior Environmental Specialist, Property and Project Management Section, Corporate Management & Comptrollership Branch, RCMP "E" Division, Mailstop #909, 14200 Green Timbers Way, Surrey, BC

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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.

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Liliana Jerade
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance is located at a site with no fixed address within the Coquitlam Watershed in Coquitlam, British Columbia, which is more particularly known and described as:

A portion of all that area of land forming a portion of the natural watershed of Coquitlam River and Coquitlam Lake, lying and being in the New Westminster District, comprising all vacant Crown Lands and land which may hereafter revert to the Crown. The Site is defined by a metes and bounds containing a former explosives disposal unit operational area (portion A of the Site), as well as a portion of an adjacent runoff channel (portion B of the Site), which together form one contiguous area.

Portion A of the site is described as follows:

Commencing at a point of Northing 5466249.3 and Easting 516136.3 and thence at a bearing 56 degrees 28 minutes 15 seconds a distance of 27.3 m.

Thence, at a bearing of 33 degrees 16 minutes 49 seconds a distance of 19.9 m.

Thence, at a bearing of 347 degrees 43 minutes 34 seconds a distance of 21.9 m.

Thence, at a bearing of 14 degrees 30 minutes 7 seconds a distance of 41.5 m.

Thence, at a bearing of 45 degrees 42 minutes 0 seconds a distance of 45.6 m.

Thence, at a bearing of 105 degrees 5 minutes 59 seconds a distance of 24.8 m.

Thence, at a bearing of 125 degrees 6 minutes 38 seconds a distance of 40.9 m.

Thence, at a bearing of 166 degrees 59 minutes 6 seconds a distance of 43.5 m.

Thence, at a bearing of 200 degrees 10 minutes 31 seconds a distance of 17.6 m.

Thence, at a bearing of 239 degrees 57 minutes 40 seconds a distance of 49.2 m.

Thence, at a bearing of 274 degrees 3 minutes 38 seconds a distance of 21.9 m.

Thence, at a bearing of 313 degrees 37 minutes 57 seconds a distance of 14.4 m.

Thence, at a bearing of 237 degrees 51 minutes 19 seconds a distance of 45.2 m.

Thence, at a bearing of 186 degrees 38 minutes 13 seconds a distance of 6.5 m.

Thence, at a bearing of 251 degrees 48 minutes 11 seconds a distance of 6.0 m.

Thence, at a bearing of 338 degrees 13 minutes 15 seconds a distance of 17.5 m to the point of commencement, and comprising an area of 9,250 m².

Portion B of the Site is described as follows:

Commencing at a point of Northing 5466336.2919 and Easting 516255.5258 within the runoff channel and terminating at a point of Northing 5466406.7794 and Easting 516356.6158 within the same runoff channel, following the centreline of the channel with a 1 metre buffer on either side.

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The site contains part of a legal parcel depicted in engineering drawings prepared by SNC-Lavalin on August 30, 2019.

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

Latitude: 49° 20' 57.70"
Longitude: 122° 46' 36.20"

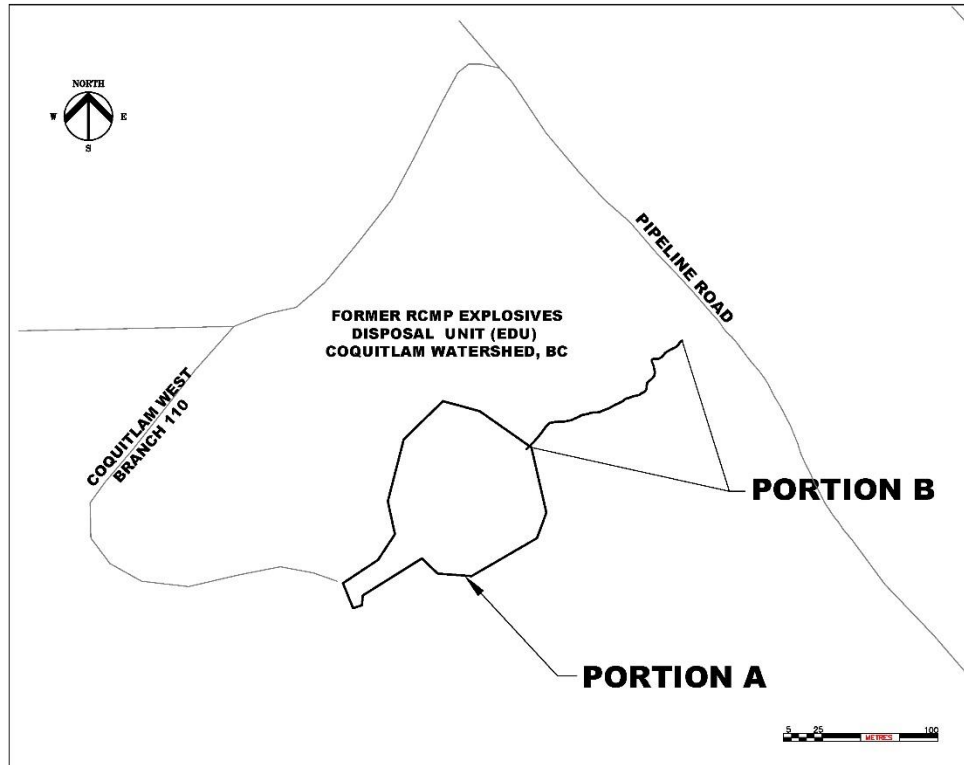
November 19, 2019

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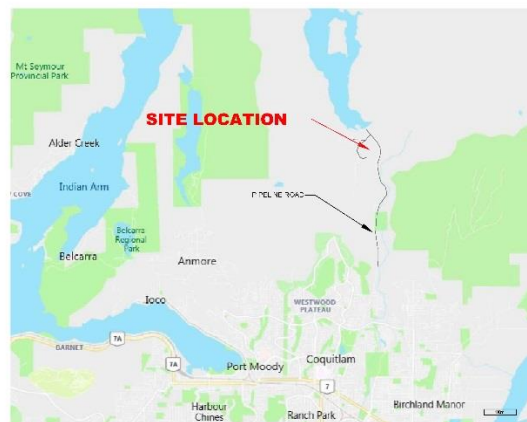


Liliana Jerade
For Director, *Environmental Management Act*

Site Plan



Location Map, Coquitlam, BC



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Schedule B

Requirements and Conditions

1. Any changes in land, vapour, water or sediment 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.

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For Director, *Environmental Management Act*

Schedule C

Substances and Uses

Substances remediated in soil for wildlands – reverted land soil use:

To meet numerical remediation standards:

Aluminum (7429-90-5)	Chromium (7440-47-3)	Nitroglycerin (55-63-0)
Antimony (7440-36-0)	Copper (7440-50-8)	Selenium (7782-49-2)
Arsenic (7440-38-2)	Lead (7439-9-1)	Strontium (7440-24-6)
Barium (7440-39-3)	Molybdenum (7439-98-7)	Vanadium (7440-62-2)

Substances remediated in groundwater for drinking water use:

To meet numerical remediation standards:

Antimony (dissolved) (7440-36-0)
Hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX] (121-82-4)
Trinitrotoluene, 2,4,6- (118-96-7)

Substances remediated in groundwater for freshwater aquatic life use:

To meet numerical remediation standards:

Zinc (dissolved) (7440-66-6)

Substances remediated in surface water for freshwater aquatic life use:


To meet numerical remediation standards:

Chromium (total) (7440-47-3)
Cobalt (total) (7440-48-4)
Copper (total) (7440-50-8)

To meet risk-based remediation standards:

Aluminum (dissolved) (7429-90-5)
Zinc (total) (7440-66-6)

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Schedule D

Documents

Summary of Site Condition, SNC-Lavalin, dated October 8, 2019;

Human Health and Ecological Risk Assessment Report, RCMP Explosives Disposal Unit, Coquitlam Watershed, BC, SNC-Lavalin, dated September 30, 2019;

Stage 1 Preliminary Site Investigation Addendum, Detailed Site Investigation, Excavation and Confirmation of Remediation Report, RCMP Explosives Disposal Unit, Coquitlam Watershed, BC, SNC-Lavalin, dated September 27, 2019; and

Report of Findings, Preliminary Site Investigation, Stage 1, RCMP Explosives Disposal Site, Pipeline Road, Coquitlam Watershed, Coquitlam, BC, Keystone, dated April 2005.

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