



REGISTERED MAIL

Victoria File: 26250-20/16143
Site ID: 16143

May 17, 2021

Nadine Blash
Imperial Oil Limited
PO Box 2480, Station M
Calgary, AB, T2P 3M9

Dear Nadine Blash:

Re: Certificate of Compliance – Affected portions of No. 3 Road and Francis Road adjacent to 9000 No. 3 Road, Richmond, British Columbia (the “Management Area”)

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: City of Richmond: Warren Mills – Environmental Manager
6911 Number 3 Rd, Richmond, BC V6Y 2C1 (BY EMAIL) WMills@richmond.ca

TELUS: Bryan Brassington
25 York Street, Floor 29, Toronto, ON M5J 2V5 (BY EMAIL)
Bryan.Brassington@telus.com

Blair King, Approved Professional, Parsons Inc. (BY EMAIL) Blair.King@parsons.com

CSAP Society: Anna Popova
613-744 West Hastings Street, Vancouver, BC V6C 1A5 (BY EMAIL)
apopova@csapsociety.bc.ca

Site Information Advisor, ENV, Victoria (BY EMAIL)
Advisor.SiteInformation@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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A. Mortensen
For Director, *Environmental Management Act*

Schedule A

The site covered by this Certificate of Compliance consists of a portion of City of Richmond lands beneath Francis Road and No. 3 Road, north and west of 9000 No. 3 Road in Richmond, British Columbia (the Management Area), which is more particularly known and described as:

All and singular that certain parcel of land situated in the City of Richmond, British Columbia, adjacent to Lot 537, Section 28, Block 4 North Range 6 West, New Westminster District Plan 54754, more particularly described as follows:


COMMENCING at the southwesterly corner of Lot 537, Section 28, Block 4, North Range 6 West, New Westminster District Plan 54754;
THENCE 10°43'14", 42.75 metres following the west property line of Lot 537;
THENCE 34°16'54", 4.23 metres following the northwest property line of Lot 537;
THENCE 79°31'26", 38.95 metres following the northern property line of Lot 537;
THENCE 317°08'55", 9.89 metres;
THENCE 259°52'02", 60.52 metres;
THENCE 141°48'55", 17.76 metres;
THENCE 136°37'58", 11.29 metres;
THENCE 169°17'39", 17.31 metres;
THENCE 143°06'56", 11.0 metres;
THENCE 103°29'59", 5.16 metres, more or less, to the point of commencement and containing by admeasurement 1005.65 square meters, more or less.

The site contains part of a legal parcel depicted in a legal sketch plan prepared by Parsons on November 21, 2018,

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

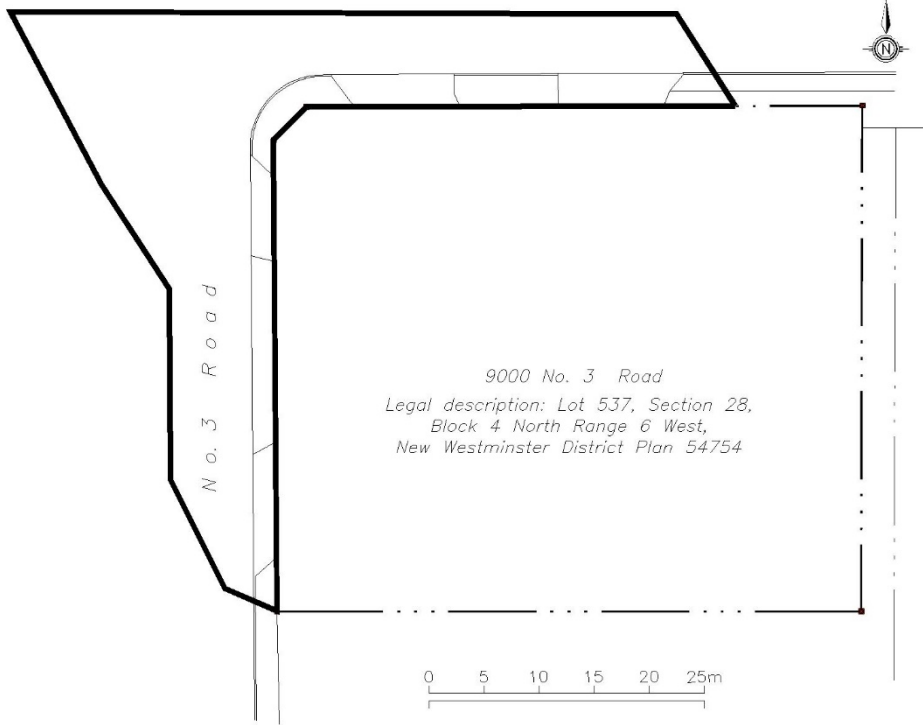
Latitude: 49° 08' 53.6"
Longitude: 123° 08' 11.7"

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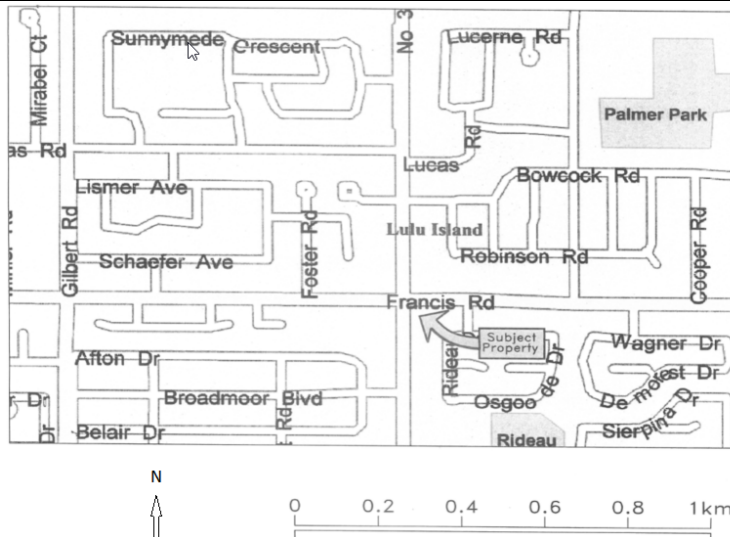

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Site Plan, Richmond, BC

Francis Road



Location Map, Richmond, BC



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

- (a) Consistent with the future land use assumptions of the vapour assessment in the Detailed Site Investigation, the site (i.e. the Management Area) will continue to be used as a sidewalk/roadway/boulevards and therefore no buildings are expected to be constructed in the future.*

Any inconsistencies that arise between the structures, locations and depths of proposed or constructed buildings within the Management Area 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) All soil beneath the site (i.e. the Management Area) currently at depths of at least 1 m below grade (with grade defined as 1.6 masl) must remain covered by a minimum of 1 meter of uncontaminated soil or a permanent barrier (e.g. pavement or concrete).*
 - (b) Groundwater at the site must not be used for drinking water.*
3. If requested by the Director, the responsible persons 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 risk-based remediation standards:

benzene	71-43-2
ethylbenzene	100-41-4
naphthalene	91-20-3
toluene	108-88-3
xylenes	1330-20-7
LEPHs	N/A
VPHs	N/A

Substances remediated in water for drinking water use:

To meet risk-based remediation standards:

benzene	71-43-2
ethylbenzene	100-41-4
toluene	108-88-3
VHw6-10	N/A
xylenes, total	1330-20-7

Substances remediated in water for marine aquatic life water use:

To meet numerical remediation standards:

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

benzene	71-43-2
LEPHw	N/A
naphthalene	91-20-3
toluene	108-88-3
VPHw	N/A
VHw6-10	N/A
xylenes, total	1330-20-7

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Schedule D

Documents

- *Summary of Site Conditions, 9000 No.3 Road, Richmond, British Columbia* by Parsons Inc., February 11, 2020;
- *Addendum to Preliminary Site Investigation, Detailed Site Investigation Confirmation of Remediation, 9000 No.3 Road, Richmond, British Columbia* by Parsons Inc., February 11, 2020;
- *Detailed Human Health and Ecological Risk Assessment, 9000 No.3 Road, Richmond, British Columbia* by Parsons Inc., July 26, 2019; and
- *Preliminary Site Investigation, Detailed Site Investigation Confirmation of Remediation, 9000 No.3 Road, Richmond, British Columbia* by Parsons Inc., July 25, 2019;

May 17, 202

Date Issued



A. Mortensen

For Director, *Environmental Management Act*