

January 15, 2024

Attention: Paul Savinkoff, P.Geo., Senior Geoscientist
Ministry of Transportation and Infrastructure
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Victoria, BC V8W 9T5

SLR Project No.: 201.089193.00001

Client Reference No.: MOTI Project No. 14138, Othello Rd Site C, Washout Recovery

RE: Step A Screening – Othello Rd Site C, Washout Recovery

SLR Consulting (Canada) Ltd. (SLR) completed a Step A Screening to identify potential current and historical Contaminated Sites Regulation (CSR) Schedule 2 uses at or near the proposed Washout Recovery site (the 'site'), on Othello Rd Site C, east of Hope, BC. The project includes the construction of 2,000 kg riprap groynes in the Coquihalla River and a temporary diversion channel, with the removal of approximately 7,000 m³ of Type D material for off-site disposal. A site plan is shown on Figure 1. The Step A Screening was completed in preparation for construction activities, per the Ministry of Transportation and Infrastructure (MOTI) Technical Circular T-03/20, Identification and Characterization of Potentially Contaminated Soil.

Information sources reviewed for the Step A Screening included historical aerial photographs/imagery, land use, and searches of the provincial and federal registries for contaminated sites. Due to the nature of the project area, city directories and fire insurance maps were not available, and a site reconnaissance was not conducted as it was not considered necessary to determine land use related to the construction area.

1.0 Document Review

1.1 MOTI Documents

SLR was supplied with the following document by MOTI:

- MOTI Project No. 14138 Othello Road Site C – Washout Recovery, 100% Design, October 2023

The limits of construction shown on Figure 1 were referenced from the document.

1.2 Aerial Photographs

Aerial photographs of the site and surrounding area were reviewed for 1947 through 2016. Additional and more recent aerial photographic imagery (2016 to 2023) was reviewed on Google Earth.

Othello Rd, Site C was visible on the 1947 aerial photograph. The areas north and south of the site were heavily forested.

No changes were observed in the site area in 1953.

Residential properties were constructed to the north of the site between 1968 and 1981. In 1981 the road to the south was cleared and under construction. By 1990, construction of the Coquihalla Highway was completed.

By 1991, the course of the river to the south of Othello Rd had changed, diverting away from Othello Rd to the south. No changes occurred between 1996 and 2016.

By 2022, the course of the river changed again to flow along Othello Rd to the south, presumably due to major flooding in November 2021. A new road was being cleared and constructed to the north of Othello Rd. No changes occurred in 2023.

1.3 BC Sites Registry Search

On December 11, 2023, SLR conducted an area search using the BC Ministry of Environment and Climate Change Strategy (ENV) site registry. There were no listings identified within a 500 m radius of the site. A copy of the search result is included in Appendix A.

1.4 Federal Contaminated Site Search

On December 11, 2023, SLR conducted a search of the Federal Contaminated Site Inventory (FCSI) online database (Directory of Federal Real Property | Treasury Board of Canada Secretariat (tbs-sct.gc.ca)) to identify known federal contaminated sites. No federal contaminated sites were identified within 500 m of the project. A copy of the search result is included in Appendix A.

2.0 Conclusions

No Schedule 2 uses were identified within the project area or on nearby properties. Therefore, per MOTI Technical Circular T-03/20, Step B investigation is not required for the project and ENV Protocol 19 site investigation does not apply. However, it is advisable to characterize cut soils per Step B of MOTI's Technical Circular T-03/20, if they are to be relocated to a third party property.

During construction activities, if areas of soil contamination not previously identified (i.e., soil that exhibits odours or staining) or debris are encountered, the soils should be segregated for further assessment in accordance with MOTI's Standard Specification for Highway Construction 165.14.03 and Appendix 165-A.

3.0 Statement of Limitations

This report has been prepared by SLR Consulting (Canada) Ltd. (SLR) for the BC Ministry of Transportation and Infrastructure (Client) in accordance with the scope of work and all other terms and conditions of the agreement between such parties. SLR acknowledges and agrees that the Client may provide this report to government agencies, interest holders, and/or Indigenous communities as part of project planning or regulatory approval processes and that Authorized Users are entitled to use on this report for the Purpose (as such terms are defined in Consulting Services Contract 860CS5297). Copying or distribution of this report, in whole or in part, for any other purpose other than as aforementioned is not permitted without the prior written consent of SLR.

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4.0 Closure

Should you have any questions or comments, please do not hesitate to contact the undersigned.

Regards,

SLR Consulting (Canada) Ltd.



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The Association of Professional Engineers and Geoscientists of the Province of British Columbia
SLR Consulting (Canada) Ltd. Permit to Practice #1001562

Attachments Figure 1
 Appendix A – Supporting Documents



Figure

Step A Screening

Othello Rd Site C, Washout Recovery

Ministry of Transportation and Infrastructure

SLR Project No.: 201.089193.00001

January 15, 2024



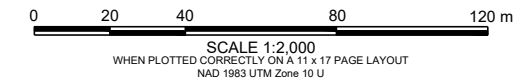
- LEGEND:**
- PROPERTY BOUNDARY
 - LIMITS OF CONSTRUCTION / EARTHWORKS
 - CLEAR AND GRADING LINES
 - PROPOSED CUT/FILL EXTENTS

NOTES:
 NOT A LEGAL SURVEY. DO NOT USE FOR CONSTRUCTION.

REFERENCED FROM: MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE, DRAWING No. R1-1064-101 REV. C.

ParcelPolygon from ArcGIS: LAND TITLE AND SURVEY AUTHORITY OF BRITISH COLUMBIA (PARCELMAP BC)

IMAGERY: ©2023 MICROSOFT CORPORATION ©2022 MAXAR ©CNES (2022) DISTRIBUTION AIRBUS DS



MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
 OTHELLO ROAD, BC

OTHELLO ROAD SITE C STEP A

SITE PLAN



FIGURE NO:
1

DATE: December 19, 2023

PROJECT NO: 201.089193.00001



Appendix A Supporting Documents

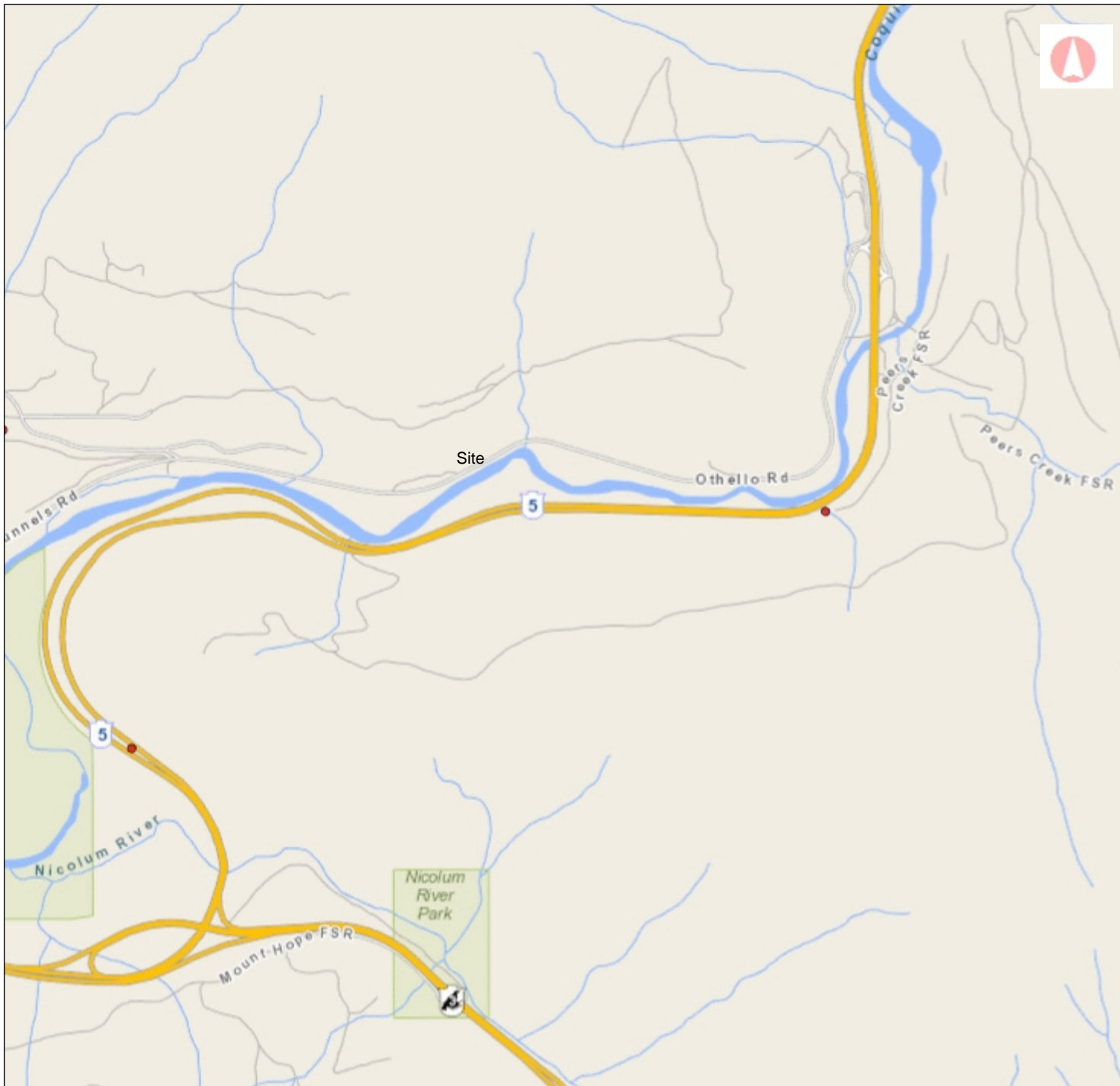
Step A Screening

Othello Rd Site C, Washout Recovery

Ministry of Transportation and Infrastructure

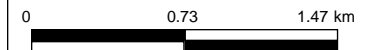
SLR Project No.: 201.089193.00001

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Legend

- Environmental Remediation



1: 36,112

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Datum: NAD83
 Projection: WGS_1984_Web_Mercator_Auxiliary_Sphere

Key Map of British Columbia

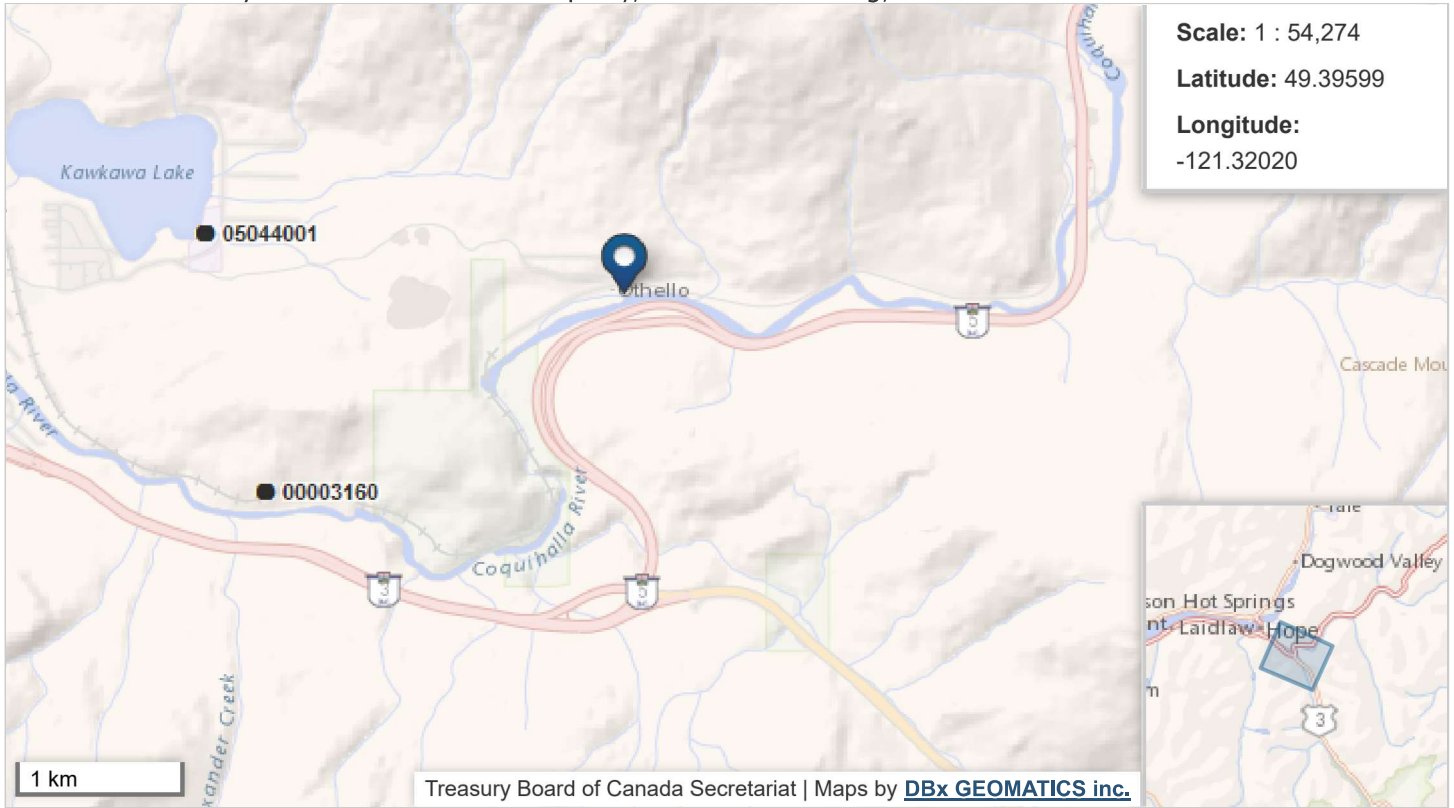


Treasury Board of Canada Secretariat

[Home](#) > [OCG](#) > [Real Property Management](#) > [FCSI](#) > DFRP/FCSI - Map Navigator

DFRP/FCSI - Map Navigator

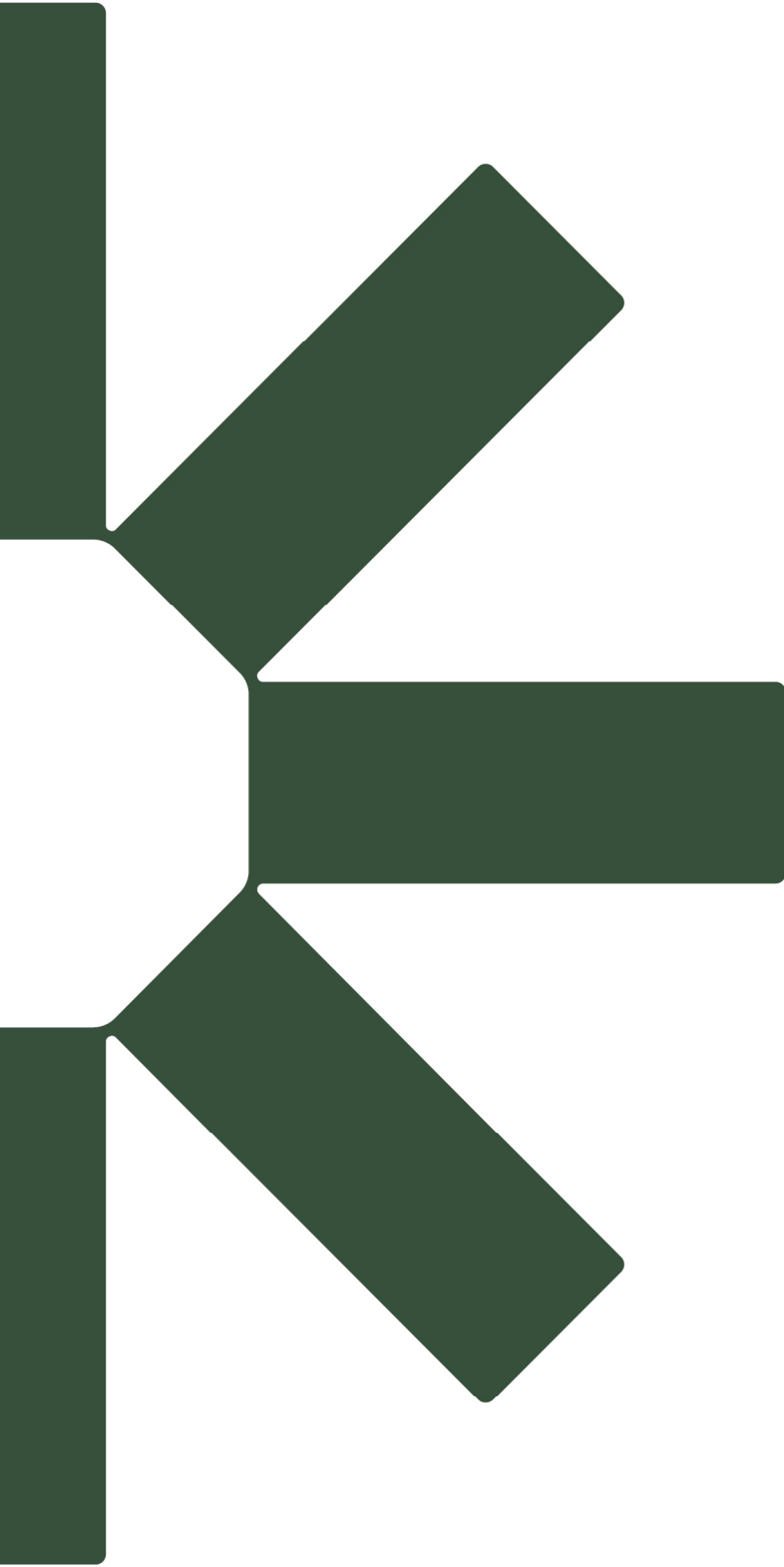
Area: Fraser Valley **Content:** 0 Federal Property, 0 Federal Building, 2 Federal Contaminated Sites



IMPORTANT NOTE: The tables below are currently not synchronized with the map content.
Please click on the following button if you want to update the tables content: [UPDATE TABLES](#)

Federal Properties (0) / Parcels (0) | Federal Buildings (0) | Federal Contaminated Sites (0)

No record found.



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