



# Change Approval and Notification (Changes In and About a Stream)

Tracking Number: 100424789

## Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization? Company/Organization  
 What is your relationship to the Company/Organization? Consultant

## APPLICANT COMPANY/ORGANIZATION CONTACT INFORMATION

Applicant is an Individual or an Organization to whom this authorization Permit / Tenure / Licence will be issued, if approved.

**Name:** BC Ministry of Transportation and Infrastructure  
**Doing Business As:**  
**Phone:** 236-468-1959  
**Fax:**  
**Email:** Krista.Englund@gov.bc.ca  
**BC Incorporation Number:**  
**Extra Provincial Inc. No:**  
**Society Number:**  
**GST Registration Number:**  
**Contact Name:** Krista Englund  
**Mailing Address:** 310-1500 Woolridge St  
 Coquitlam British Columbia V3K 0B8  
 Canada

## CONSULTANT INFORMATION

Please enter the contact information of the Individual/Organization who is acting on behalf of the applicant.

**Name:** Lucas Mathew Hennecker  
**Phone:** 778-945-5892  
**Daytime Phone:** 604-313-9067  
**Fax:**  
**Email:** lucas.hennecker@tetrattech.com  
**Mailing Address:** 1000-885 Dunsmuir Street  
 Vancouver BC V6C 1N5

**Letter(s) Attached:** Yes (Letter of Agency - Colquitz.pdf)

## ELIGIBILITY

Please answer the following questions related to your Change Approval/Notification.

Question	Answer	Warning
Is this application to support oil and gas activity that is being authorized by the Oil and Gas Commission?	No	
Is your application for a funded high-speed internet Connectivity Project?	No	
Is this application in relation to increasing the supply of housing units within British Columbia?  A Housing related project, for the purpose of this application, must be for a specific development and the development must increase the number of housing units on the land/property.	No	

**GOVERNMENT AND FIRST NATION FEE EXEMPTION REQUEST**

Do you belong to, are you applying on behalf of, or are you:

- A provincial government ministry
- The Government of Canada
- A First Nation for water use on reserve land
- A person applying to use water on Treaty Lands
- A Nisga'a citizen
- An entity applying to use water from the Nisga'a Water Reservation?

Yes

**Are you an existing exempt client?**

**Fee Exemption Category:**

**Letter Uploaded:**

Please enter any supporting information that will assist in determining your eligibility for a fee exemption. Please refer to help for details on fee exemption criteria and requirements.

No

Acting on behalf of a BC provincial ministry with a letter of permission from that ministry

Yes

**APPLICATION BY GOVERNMENT**

Please indicate if you are someone who works in the government OR you are working on behalf of the government.

**Are you, or are you applying on behalf of, a government entity?**

Yes

**What type of government are you applying for?**

Provincial Government

**TYPE OF WORKS**

Please select the type of Notifications/Approvals you want to apply for as part of this application.

**Please select the type of works to be undertaken:**

**Notification**

- Road Crossing Culvert - Construction / Maintenance / Removal
- Clear Span Bridge - Construction / Maintenance / Removal
- Pipeline Crossing – Construction / Maintenance
- Dry Hydrant – Construction / Maintenance
- Pier, Wharf, (including docks) – Construction / Maintenance / Removal
- Cutting of annual vegetation in a stream channel
- Dike or Erosion Protection Works - Repair / Maintenance
- Storm Sewer Outfalls – Construction / Maintenance
- Control of Eurasian Watermilfoil or other invasive aquatic vegetation
- Ice Bridge / Winter Ford or Snowfill - Construction / Maintenance
- Maintenance of minor and routine nature by a public utility
- Removal of a beaver dam (as authorized under the Wildlife Act)
- Construction of a temporary ford
- Construction of a temporary diversion around a worksite

**Notification may only be undertaken by the Crown in right of either Canada or British Columbia:**

- Flow or water level measuring device - Construction / Maintenance / Removal
- Fish fence or screen, fish or game guard - Construction / Removal

Fish habitat - Restoration / Maintenance

**Notification may only be undertaken by the Crown in right of either British Columbia or a Municipality:**

Stream Channel - Restoration / Maintenance

For the following two options, you must report the changes to a habitat officer within 72 hours after making the change. You must comply with any Terms and Conditions specified by the habitat officer that relate to Section 44(2) of the Water Sustainability Regulation.

Clearing of an obstruction from a bridge or culvert during a flood emergency

Construction or placement of erosion protection works or flood protection works during a flood emergency

**Approval:**

Bank Erosion Protection

Bridge (other than clear span) - Construction / Maintenance / Removal

Stream Diversion

Large Debris Removal by machine - Plan required

Gravel removal

Other

**Has a DMA Approval under the *Dike Maintenance Act* been submitted for this work?**

No

Please note that the ultimate decision whether this constitutes a Notification or a Change Approval lies with the Province of British Columbia NOTE: Answer the question below as No. The Dike Maintenance Act (DMA) Approval application is currently transitioning to this form but is not yet been fully implemented. This question will be updated once the transition is complete.

**SITES**

Click on the Add Sites button to add one or more sites.

**SITE**

**Location ID:**

Hwy 1 at Colquitz River

**STREAM**

**Name of the Stream:**

Colquitz River

**Source Flows Into:**

Portage Inlet

**PROPOSED WORKS**

**Detailed Description of Works:**

The rationale for completing the Project is to support the widening of both the north-bound and south-bound bridges to accommodate bus lanes, as well as seismically upgrade both bridges to current industry standard. The scope of work for each respective bridge includes the following components:

North-bound Bridge (01378)

-Remove upper part of ballast wall at east abutment;

-Remove existing steel handrails, concrete curb and barriers;

-Mill existing concrete wearing surface and remove overhangs;

-Add new B1 Bent behind existing one;

-Demolish existing B1 Bent;

-Disconnect shear keys at both abutments;

-Extend bridge deck to top of ballast wall at ends of bridge;

-Widen bridge deck on both sides by 650 mm and add concrete overlay;

-Add new parapets and steel bicycle railing;

-Add bumpers at Piers B2 and B3;

- Add shear studs at B1, B2 and mid span between them;
- Add additional piles at east abutment;
- Relocate sidewalk; and
- Complete improvements to bridge deck drainage system.

#### South-bound Bridge (02655)

- Remove existing steel railings, concrete curb and parapet;
- Mill existing concrete wearing surface and remove overhangs;
- Partially remove existing wingwalls to allow room for deck extension at abutments;
- Install new pile and install new concrete column at south end of P1 Pier. This works will involve excavation around the existing P1 Pier;
- Widen existing pier cap at the south end of P1 Pier;
- Install new topping to existing foundation at P1 Pier;
- Extend footing stem at abutment ends and install new steel girder bearing at abutments and P1 Pier;
- Construct new overhangs;
- Construct new CIP parapets and steel railings;
- Widen bridge deck on both sides (215 mm on north side and 930 mm on south side) and construct new overlay;
- Construct new shear keys and plate diaphragm at P1 Pier; and
- Complete improvements to bridge deck drainage system.

In addition to the items listed above, traffic diversions will be required within the shoulders and medians of Highway 1 to facilitate construction. This will result in some trees requiring removal. There will also be improvements made to the bridge deck drainage system to treat/store stormwater runoff, whereby all south-bound and north-bound bridge deck stormwater will be captured and conveyed through an oil/grit separator before being released into a rain garden with overflow water being conveyed to the Colquitz River via a stormwater outfall during heavy rainfall events. Outfall construction will involve trenching to install a 300 mm PVC drainpipe from the rain garden to the bank of the Colquitz River. The outfall will feature a riprap splash pad large enough to reduce the energy of the water leaving the pipe. The splash pad outfall will be constructed/installed above the high water mark and in the dry. Finally, there is also ongoing discussion related to habitat enhancement opportunities within the riparian area of Colquitz River, which have not been finalized at this time.

#### Construction materials:

- Concrete
- Asphalt
- Bridge superstructure components (e.g., railings, bumpers, shear studs, bearings, drainage pipes, etc.)
- PVC drain pipes
- oil/grit separator

#### Methods:

- Demolition
- Excavation
- Pile driving
- Concrete/asphalt milling

#### Equipment:

- Excavators
- Pile driver
- Concrete/asphalt milling equipment
- Skid steers
- Scissor lifts
- Generators

**Footprint of Project:**

-Light plants  
 -Various hand tools  
 2,997 m2

**PROPOSED TIMING FOR WORKS****Instream Start Date:**

Jan 1, 2024

**Instream End Date:**

Dec 31, 2024

**Is the proposed timing within the approved regional timing window?**

No

If works are proposed outside the listed windows the proponent must engage a qualified professional to assess species and habitats present and determine if a site specific plan can be developed to ensure compliance with the Fisheries Act

**Reason to do work outside of approved timing window:**

No project activities are occurring below the high water mark.

**LOCATION OF WORKS****Provide a legal description of the land(s) where works are proposed:**

Hwy 1 ROW / District of Saanich Natural Park Zone (P-4N)

**Geographic Coords of Works:**

48.4581740, -123.3952940

**Photo of Works Location:****LAND OWNERSHIP AT THE WORKS****Land Ownership:**

- Applicant owns land
- Land is Crown Land but applicant has tenure
- Land is Crown Land but tenured to Ministry of Transportation
- A third Party owns the land but the applicant has lease or tenure
- A third Party owns the land but applicant has written consent
- Land is Crown Land but the applicant does not have a tenure

**CONTACTS**

If you are not carrying out the work, indicate contractor/company's name, professional affiliation, mailing address, postal code and telephone numbers. If a different company is designing and supervising the work, please include this information as well

**Contact Info****Type of Contact****Name:**

Jerry Cole

Design and Supervision

**Phone:**

236-597-1385

**Daytime Phone:****Fax:****Email:**

Jerry.Cole@stantec.com

**Mailing Address:**

400-1620 Dickson Ave  
 Kelowna British Columbia V1Y 9Y2  
 Canada

**Cert:****Name:**

Krista Englund

Other

**Phone:**

236-468-1959

**Daytime Phone:****Fax:****Email:**

Krista.Englund@gov.bc.ca

**Mailing Address:**

310-1500 Woolridge St  
 Coquitlam British Columbia V3K 0B8  
 Canada

## LOCATION INFORMATION

## LAND DETAILS

## DRAWINGS

A Drawing to Scale is required that meets the Application Drawing Standards. Choose one of the options below to submit the required map/drawing.

Additionally, it is recommended that you provide a topographical map showing the general location of the property where the water is proposed to be used and the works constructed in relation to nearby communities, highways, railways and other water sources.

(this additional map will not be necessary if your Drawing to Scale is provided using the Geomark Service or a spatial file such as .KML or .KMZ)

I have map(s) saved to my computer and wish to provide these with my application

## MAP FILES

Do you have a PDF or image file of a drawn map? You can upload it here.

Description	Filename
Project Site Location	VENW03225-24_Fig03_SitePlan...

## ATTACHED DOCUMENTS

Document Type	Description	Filename
Engineering Drawings	Issued for Environmental Permitting Design Drawings	20230901 - ColquitzBridges ...
Other	Environmental Overview Assessment	Colquitz River Bridges EOA_...

## PRIVACY DECLARATION

### PRIVACY NOTE FOR THE COLLECTION, USE AND DISCLOSURE OF PERSONAL INFORMATION

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The collection, use, and disclosure of personal information is subject to the provisions of the Act. The personal information collected by FrontCounter BC will be used to process your inquiry or application(s). It may also be shared when strictly necessary with partner agencies that are also subject to the provisions of the Act. The personal information supplied in the application package may be used for referrals or notifications as required. Personal information may be used by FrontCounter BC for survey purposes.

For more information regarding the collection, use, and/or disclosure of your personal information by FrontCounter BC, please contact FrontCounter BC at 1-877-855-3222 or at:

FrontCounter BC Program Director  
FrontCounter BC, Provincial Operation  
441 Columbia Street  
Kamloops, BC V2C 2T3

Check here to indicate that you have read and agree to the privacy declaration stated above.

## REFERRAL INFORMATION

Some applications may also be passed on to other agencies, ministries or other affected parties for referral or consultation purposes. A referral or notification is necessary when the approval of your application might affect someone else's rights or resources or those of the citizens of BC. An example of someone who could receive your application for referral purposes is a habitat officer who looks after the fish and wildlife in the area of your application. This does not apply to all applications and is done only when required.

Please enter contact information below for the person who would best answer questions about your application that may arise from anyone who received a referral or notification.

**Company /  
Organization:**  
**Contact Name:**  
**Contact Address:**

BC Ministry of Transportation and Infrastructure

**Contact Phone:**  
**Contact Email:**

Krista Englund  
310-1500 Woolridge St  
Coquitlam British Columbia V3K 0B8  
Canada  
236-468-1959  
Krista.Englund@gov.bc.ca

I hereby consent to the disclosure of the information contained in this application to other agencies, government ministries or other affected parties for referral or First Nation consultation purposes.

**IMPORTANT NOTICES**

Please review the "Important Notices" below and then check the declaration at the bottom confirming that everything in this application is complete and accurate.

- I understand that the submission of this application does not provide authority under the Water Sustainability Act to construct works in and about a stream. I also understand that my application must be reviewed before a decision is made as to whether an approval may be granted and that, as part of that review, additional information may be requested of me.
- The application may be subject to further requirements under the federal Fisheries Act. Please refer to Fisheries and Oceans Canada Projects Near Water webpage (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) for information on how to ensure your project complies with the Fisheries Act.

**DECLARATION**

I declare that the information contained on this form is complete and accurate.

**OFFICE**

Office to submit application to: Nanaimo

**PROJECT INFORMATION**

Is this application for an activity or project which requires more than one natural resource authorization from the Province of BC? No

**APPLICANT SIGNATURE**

Applicant Signature

Date

**OFFICE USE ONLY**

Office Nanaimo	File Number	Project Number
	Disposition ID	Client Number