



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

Tracking Number: 100318081

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: Vedder River Management Area Committee

Doing Business As:

Phone: 604-793-2720

Fax:

Email: vanny@chilliwack.com

BC Incorporation Number:

Extra Provincial Inc. No:

Society Number:

GST Registration Number:

Contact Name: Frank Van Nynatten

Mailing Address: 8550 Young Road
Chilliwack BC V2P 8A4

CONSULTANT INFORMATION

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

Name: NOVA PACIFIC ENVIRONMENTAL LTD.

Doing Business As:

Phone: 250-421-0614

Fax:

Email: sschoenberger@novapacific.net

BC Incorporation Number:

Extra Provincial Inc. No:

Society Number:

GST Registration Number:

Contact Name: Stefanie Schoenberger

Mailing Address: 97 Renfrew Street N
Vancouver BC V5K3N6

Letter(s) Attached: Yes (Letter of Appointment.pdf)

CORRESPONDENCE E-MAIL ADDRESS

If you would like to receive correspondence at a different email address than shown above, please provide the correspondence email address here. If left blank, all correspondence will be sent to the above given email address.

Email: tkozlova@novapacific.net

Contact Name: Tatiana Kozlova

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	

TECHNICAL INFORMATION

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?

No

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? Local / Regional 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 and may only be undertaken by the Crown in right of either British Columbia or a Municipality, or their agents:

- Stream Channel - Restoration / Maintenance

You must report these 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 of 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

Please note that the ultimate decision whether this constitutes a Notification or a Change Approval lies with the Province of British Columbia

SITES

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

SITE

Location ID: Bergman Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS

Detailed Description of Works: Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics. Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project: 6,400 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: LOT 3 SECTION 3 AND 4 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN 68730
Geographic Coords of Works: 49.0959760, -122.0316450
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

SITE

Location ID: Boundary Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS

Detailed Description of Works: Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics. Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project: 10,400 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: No description available. Boundary bar is located on the left bank of the Vedder River approximately 800m downstream of the Keith Wilson Bridge.

Geographic Coords of Works: 49.1088210, -122.0830950
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

For all private lands, you must obtain and provide the landowner's written consent. The consent form must describe the proposed project and contain the landowners address, telephone number and postal code. Upload a copy of the landowner's written consent using the upload documents section of this form.

SITE

Location ID: Chadsey D/S Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS**Detailed Description of Works:**

Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics.

Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project:

10,900 m2

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

Jul 15, 2020

Instream End Date:

Sep 30, 2020

Is the proposed timing within the approved regional timing window?

Yes

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

No description available.
Chadsey D/S Bar is located on the left bank of the Vedder River approximately 1.7 km downstream of the Keith Wilson Bridge.

Geographic Coords of Works:

49.1164600, -122.0901870

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

For all private lands, you must obtain and provide the landowner's written consent. The consent form must describe the proposed project and contain the landowners address, telephone number and postal code. Upload a copy of the landowner's written consent using the upload documents section of this form.

SITE**Location ID:**

Greendale Bar

STREAM**Name of the Stream:**

Vedder River

Source Flows Into:

Fraser River

PROPOSED WORKS

Detailed Description of Works:

Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics.

Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project:

2,700 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: PARCEL "A" (REFERENCE PLAN 4832) DISTRICT LOT 449 GROUP 2 NEW WESTMINSTER DISTRICT

PARCEL "A" (REFERENCE PLAN 4833) DISTRICT LOT 83 GROUP 2 NEW WESTMINSTER DISTRICT

Geographic Coords of Works: 49.0889640, -122.0621110

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

SITE

Location ID: Powerline Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS**Detailed Description of Works:**

Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics.

Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project:

2,800 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: PARCEL "B" (EXPLANATORY PLAN 42092) NORTH EAST QUARTER AND OF THE SOUTH EAST QUARTER SECTION 6 TOWNSHIP 23 EXCEPT: PART ON STATUTORY RIGHT- OF- WAY PLAN 83828 NEW WESTMINSTER DISTRICT
Geographic Coords of Works: 49.1011190, -122.0760040
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

SITE

Location ID: Railway Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS

Detailed Description of Works: Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics.

Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project: 980 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: LOT 3 SECTION 3 AND 4 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN 68730
Geographic Coords of Works: 49.0926990, -122.0351520
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

SITE

Location ID: Salad Bar A

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS

Detailed Description of Works: Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics. Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project: 3,000 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020

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

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: PARCEL "A" (REFERENCE PLAN 4832) DISTRICT LOT 449 GROUP 2 NEW WESTMINSTER DISTRICT

Geographic Coords of Works: PARCEL "A" (REFERENCE PLAN 4833) DISTRICT LOT 83 GROUP 2 NEW WESTMINSTER DISTRICT
Photo of Works Location: 49.0925400, -122.0670310

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

SITE

Location ID: Yarrow Bar

STREAM

Name of the Stream: Vedder River
Source Flows Into: Fraser River

PROPOSED WORKS

Detailed Description of Works: Based on the results of the hydraulic assessment a maximum of eight excavation sites are proposed for the fisheries window of 2020, with a total potential volume of 95,000 cubic meters. This volume is higher than the long-term biennial average accumulation of sediments in the Vedder River. Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing 90% of the long term average biennial sediment accumulation volume in low flow years. Accordingly, the total volume will be limited to 66,600 m3. Final decisions to reduce or drop specific sites will be based on results of agency reviews, freshet changes, site specific effectiveness, habitat protection and enhancement considerations and logistics. Excavation details and additional information are provided in the attached environmental report from Nova Pacific Environmental.

Footprint of Project: 3,500 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s)
where works are proposed:

PARCEL "A" (REFERENCE PLAN 4832) DISTRICT LOT 449 GROUP 2 NEW
WESTMINSTER DISTRICT

Geographic Coords of Works:
Photo of Works Location:

PARCEL "A" (REFERENCE PLAN 4833) DISTRICT LOT 83 GROUP 2 NEW
WESTMINSTER DISTRICT
49.0900720, -122.0474430

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

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
Bergman Bar	Bergman Bar w Pit Details.jpg
Boundary Bar	Boundary Bar w Pit Details.jpg
Chadsey Bar	Chadsey Bar w Pit Details.jpg
Greendale Bar	Greendale Bar w Pit Details...
Overview of All Sites	2020 river overview layout.jpg
Powerline Bar	Powerline Bar w Pit Details...
Railway Bar	Railway Bar w Pit Details.jpg
Salad Bar A	Salad Bar A w Pit Details.jpg
Yarrow Bar	Yarrow Bar w Pit Details.jpg

ATTACHED DOCUMENTS

Document Type	Description	Filename
Other	2020 Environmental Report	Vedder 2020 Environmental R...
Other	Appendix - 2016 Assessment Report	Vedder 2016 Assessment Repo...
Other	Appendix - 2016 Monitor's Report	2016 Vedder River Sediment ...

PRIVACY DECLARATION

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

Personal information is collected by FrontCounter BC under the legal authority of section 26 (c) and 27 (1)(a)(i) of the Freedom of Information and Protection of Privacy Act (the Act).

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: Nova Pacific Environmental
Contact Name: Tatiana Kozlova
Contact Address: 97 North Renfrew Street
Vancouver, BC V5K 3N6
Contact Phone: 604-251-5216
Contact Email: tkozlova@novapacific.net

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 first be investigated and a decision made on the application as to whether an approval may be granted and, 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

By submitting this application form, I, declare that the information contained on this form is complete and accurate.

OTHER INFORMATION

Is there any other information you would like us to know?

This application is part of a three cycle (six year) approval under the Provincial Water Act. The files originally were submitted through Sandra Jensen, who has moved on from the Surrey office. Please direct this application as required.

An additional Appendix from KWL will be provided as soon as it has been finalized.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
Changes in and about a Stream Application Fee	\$250.00		\$250.00	\$0.00

OFFICE

Office to submit application to: Surrey

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 Surrey	File Number	Project Number
	Disposition ID	Client Number