



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

Tracking Number: 100388711

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: City of Chilliwack
Doing Business As: Municipality
Phone: 604-793-2596
Fax:
Email: mcdiarmid@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: 604-251-5216
Fax:
Email: rakester@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 (Ltr 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: jeriksson@novapacific.net
Contact Name: Josef Eriksson

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

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

SITES

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

SITE

Location ID: Bar Downstream of Railway

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 8.150 m3 will be removed from within the dry perimeter of the Bar Downstream of Railway (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 3,700 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) PARCEL "J" (REFERENCE PLAN 6059) OF THE SOUTH EAST QUARTER SECTION 4

where works are proposed:

TOWNSHIP 23 EXCEPT: PART INCLUDED IN REFERENCE PLAN 8163 NEW WESTMINSTER DISTRICT

PARCEL "B" (REFERENCE PLAN 5031) OF THE SOUTH WEST QUARTER SECTION 4 TOWNSHIP 23 EXCEPT: PART INCLUDED IN REFERENCE PLAN 8163 NEW WESTMINSTER DISTRICT

Geographic Coords of Works:

49.0914120, -122.0398290

Photo of Works Location:

Bar Downstream of Railway - Google earth imagery of the proposed excavations relative to parcel boundaries.

Bar Downstream of Railway - Site diagram for the proposed excavation at the Bar Downstream of Railway.

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 14,000 m3 will be removed from within the dry perimeter of Boundary Bar (left bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project:

6,250 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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: Plan
NWP42474
DPP Number
Zoning
A2
Land Use Contract
Urban Development Area
No
Floodplain Area
Yes
Irrigation Area
N/A
Irrigation Type
N/A
ALR
Yes
Heritage Alteration Permit Area
No
Area m2 (not legal)
332471.2721
RSN
22589
Folio Number
3070094600
House Number
N/A
Street
NO.1 RD
Land Value
389000
Improvement Value
0
Total Value
389000
PID
013-571-494
Use Code
601
Use Description
CIVIC INSTITUTE & REC.-VACANT
Secondary Suite
N
Coach House
N
Geographic Coords of Works: 49.1088210, -122.0830950
Photo of Works Location: Boundary Bar - Google earth imagery of the proposed excavations relative to parcel boundaries.
Boundary Bar - Site diagram of Boundary Bar Excavation

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: Campground

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 23,400 m3 will be removed from within the dry perimeter of Campground Bar (left bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 7,750 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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 8 SECTION 3 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN 68730
Geographic Coords of Works: 49.1164600, -122.0901870
Photo of Works Location: Campground - Google earth imagery of the proposed excavations relative to parcel boundaries.
Campground - Site Diagram of the proposed excavation at Campground Bar

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: Giesbrecht 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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m³.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m³. Thus, although this application includes 11 sites totaling 151,000 m³, approval to remove a total of 110,000 m³ is requested.

Using an excavator and gravel trucks, 18,600 m³ will be removed from within the dry perimeter of Giesbrecht Bar (left bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 5,950 m²

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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 is available.
Geographic Coords of Works: 49.0971140, -121.9846480
Photo of Works Location: Giesbrecht Bar - Google earth imagery of the proposed excavations relative to parcel boundaries.
Giesbrecht Bar - Site diagram for proposed excavation at Giesbrecht Bar,

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: 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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 9,600 m3 (including scalp) will be removed from within the dry perimeter of Greendale Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be

opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 7,467 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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: 49.0884180, -122.0588390
Photo of Works Location: Greendale Bar - Google earth imagery of the proposed excavations relative to parcel boundaries.
Greendale Bar - Site diagram for proposed excavation at Greendale Bar.

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: Lickman 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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 21,500 m3 will be removed from within the dry perimeter of Lickman Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 10,000 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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 8 SECTION 3 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN 68730
Geographic Coords of Works: 49.1164600, -122.0901870
Photo of Works Location: Lickman Bar - Google earth imagery of the proposed excavations relative to parcel boundaries.
Lickman Bar - Site diagram of proposed excavation at Lickman Bar.

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: Peach Road Downstream

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume

of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m³.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m³. Thus, although this application includes 11 sites totaling 151,000 m³, approval to remove a total of 110,000 m³ is requested.

Using an excavator and gravel trucks, 16,150 m³ will be removed from within the dry perimeter of Peach Road Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 7,950 m²

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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 B SECTION 2 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN BCP21840
Geographic Coords of Works: LOT 12 SECTION 4 TOWNSHIP 23 NEW WESTMINSTER DISTRICT PLAN 68730 49.0965680, -121.9934230
Photo of Works Location: Peach Road Downstream - Google earth imagery of the proposed excavations relative to parcel boundaries.
Peach Road Downstream - Site diagram for the proposed excavation at Peach Road.

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: Powerline

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 7, 500 m3 will be removed from within the dry perimeter of Powerline Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 3,223 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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: Powerline - Google earth imagery of the proposed excavations relative to parcel boundaries.
Powerline - Site diagram for the proposed excavation at Powerline Bar.

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 7,500 m3 will be removed from within the dry perimeter of Railway Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 3,000 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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: Railway Bar - Google earth imagery of the proposed excavations relative to

parcel boundaries.
Railway Bar - Site diagram of proposed excavation at Railway Bar.

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

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 eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m3.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m3. Thus, although this application includes 11 sites totaling 151,000 m3, approval to remove a total of 110,000 m3 is requested.

Using an excavator and gravel trucks, 8,400 m3 will be removed from within the dry perimeter of Salad Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project: 3,950 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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:
Geographic Coords of Works:
Photo of Works Location:**

PARCEL "A" (STATUTORY RIGHT-OF-WAY PLAN 12100) LOT 4 DISTRICT LOTS 83
AND 263 GROUP 2 NEW WESTMINSTER DISTRICT PLAN 3465
49.0926620, -122.0670250
Salad Bar - Google earth imagery of the proposed excavations relative to parcel
boundaries.
Salad Bar - Site diagram of proposed excavation at Salad Bar.

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

STREAM

**Name of the Stream:
Source Flows Into:**

Vedder River
Fraser River

PROPOSED WORKS

Detailed Description of Works:

Based on the results of the hydraulic assessment eleven excavation sites were identified for the fisheries work window of 2022, with a total potential volume of 151,000 cubic meters.

Terms of reference provided by the updated Vedder River Management Area Plan (EBA Tetrattech, 2015) recommends removing the long-term average biennial sediment accumulation volume. The average biennial sediment accumulation in the Vedder River has been calculated to be 110,000m³.

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. This could lead to significant variation of the volume for any specific site; however, the total removal will not exceed 110,000 m³. Thus, although this application includes 11 sites totaling 151,000 m³, approval to remove a total of 110,000 m³ is requested.

Using an excavator and gravel trucks, 16,223 m³ will be removed from within the dry perimeter of Yarrow Bar (right bank of channel), at low flow. Upon completion of the excavation the pit will be opened to the main channel of the river.

Additional details can be found in the site diagram which is attached below. The attached report provides details of excavation design, mitigation, and habitat considerations.

Footprint of Project:

6,490 m²

PROPOSED TIMING FOR WORKS

Instream Start Date: Jul 15, 2022
Instream End Date: Sep 15, 2022
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: 49.0901160, -122.0480960
Photo of Works Location: Yarrow - Google earth imagery of the proposed excavations relative to parcel boundaries.
Yarrow - Site diagram of proposed excavation at Yarrow Bar.

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

PERMIT OVER CROWN LAND

For any works that cross or otherwise affect Crown Land, you will require an authorization. A person applying for a Change Approval is entitled to request a Permit Over Crown Land (PCL). A PCL authorizes the flooding of Crown land or the construction, maintenance or operation of works on Crown land. If a PCL is required, the application fee will be automatically calculated and added to your application.

You should indicate 'Yes' to the following question if any of the following circumstances apply to your application:

- any of your works are located on or crossing Crown land

Do any of the above apply to your application? Yes

Do have an existing Crown Land Tenure, Permit over Crown Land or Mines Lease that covers the affected Crown Land? No

TOTAL PCL AREA

Enter the Total Crown Land Area for all sites.

Provide Total PCL Area? Yes

Total PCL Area: 15.31 ha

OPTION TO CHANGE A PERMIT OVER CROWN LAND TO A CROWN LAND TENURE

Do you want to change from a Permit Over Crown Land to a Land Act tenure application? No

PCL FEE REQUIRED

A Permit Over Crown Land application fee has been added to your application. You will also be required to pay a Permit Over Crown Land rental fee after your application has been reviewed and the rental fee determined.

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 already built my map(s) using the GeoMark service

GEOMARKS

Do you already have the URL of a GeoMark? If you do please add it here. You can add one or more GeoMark URLs.

Geomark URL	Description
https://apps.gov.bc.ca/pub/geomark/geomarks/gm-79DE8E0A59EF44239CE00956DA143036	Geomark reference for the Vedder River Sediment Excavations

ATTACHED DOCUMENTS

Document Type	Description	Filename
Other	Abbotsford letter of consent	Abbotsford Letter of Conse...
Other	Assessment Report for 2016 Excavation	Vedder 2016 Assessment Repo...
Other	Draft 2022 Vedder Gravel Tender	Draft 2022 Vedder Gravel Te...
Other	Environmental Assessment Report for Vedder River Sediment Removal Project	Proposed 2022 Vedder River ...
Other	Excavation Monitor's Report 2016	2016 Vedder River Sediment ...
Other	Google earth imagery of the proposed excavations relative to parcel boundaries.	Vedder Sediment Excavations...

Other	Hydraulic Profile Update Prepared by Kerr Wood Leidal	20220519_2022VedderHydrauli...
Other	Private Land Owner Consent	Mark Gore consent.pdf
Other	VRMAC Process Overview	VRMAC Bid Process.pdf

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:	City of Chilliwack
Contact Name:	Frank Van Nynatten
Contact Address:	8550 Young Road Chilliwack BC V2P 8A4
Contact Phone:	604-793-2720
Contact Email:	vanny@chilliwack.com

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

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

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
Changes in and about a Stream Application Fee	\$250.00		\$250.00	\$0.00
Permit over Crown Land Application	\$500.00		\$500.00	\$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
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OFFICE USE ONLY

Office Surrey	File Number	Project Number
	Disposition ID	Client Number