



February 11, 2022

File Number: 9000477
vFCBC Tracking Number: 100351071

BC Hydro & Power Authority
12th Floor-333 Dunsmuir ST
Vancouver, BC V6B 5R3

Dear BC Hydro & Power Authority,

Re: Change Approval Amendment - File 9000477

This Change Approval amendment is issued in substitution of the Change Approval issued on June 3, 2021. It incorporates Habitat Officer conditions and eliminates the need for a variance.

We wish to inform you that the Peace River and its unnamed tributaries serve as a critical spawning and rearing area for fish. As the Approval holder you are required to adhere to all other applicable Provincial and Federal regulations.

An environmental monitor shall be present during instream work.

Section 105 of the *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. You may file an appeal within 30 days of the date indicated on this letter. Information on filing an appeal can be found on the Environmental Appeal Board WEB site at <http://www.eab.gov.bc.ca/>.

Sincerely,

Dave Francis
Water Manager

Cc: EDI Environmental Dynamics Inc., Jason Yarmish, Prince George BC



Section 11 (1) Change Approval

British Columbia Hydro and Power Authority, 12th Floor-333 Dunsmuir Street, Vancouver, BC V6B 5R3 and their agents are hereby authorized to make changes in and about a stream as follows:

- 1) The streams are the Peace River, unnamed stream (watershed code: 230-788700), unnamed stream (watershed code: 230-789000), unnamed stream (watershed code: 230-790000) and an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816). The unnamed streams and unmapped stream are all tributaries to the Peace River.
- 2) The changes to be made in and about the stream are:
 - Construction of four access causeways.
 - Construction of a 1.4km long embankment adjacent of the north bank of the Peace River.
 - Gravel mining from the in-channel islands.
 - Side-casting and stock piling of overburden materials between the north bank embankment and the mid-channel island.
 - Installation of two culverts on unnamed stream (watershed code: 230-789000).
 - Installation of three culverts and concrete headwalls on unnamed stream (watershed code: 230-788700).
 - Installation of one culvert and concrete headwalls on unnamed stream (watershed code: 230-790000).
 - Installation of one culvert and concrete headwalls on an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816).
 - Removal of instream trash and debris from an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816).
 - Riprap placement associated with culvert construction on both the unnamed streams and unmapped stream.
 - Location described by applicant as Lat: 56.11222 Long: -121.800833
- 3) All work will be as described in the Section 11 applications and the following additional document:
 - Environmental Management Plan – Site C Clean Energy Project – Highway 29 Realignment” (dated February 21, 2019)
 - Environmental Protection Plan – Site C Clean Energy Project – Highway 29 Realignment – Lynx Creek – Culvert In-stream Work (dated May 16, 2021)
 - Site C Clean Energy Project — Description of Activities and Works – Water Sustainability Act Section 11 – Highway 29 – Lynx Creek East Instream Works – Construction
 - Site C Clean Energy Project - Description of Activities and Works - Water Sustainability Act Section 11 Approval Amendment - Highway 29 – Lynx Creek East Segment - Instream Works – Construction (dated June 1, 2021)

- Site C Clean Energy Project - Description of Activities and Works - Water Sustainability Act Section 11 Approval Amendment - Highway 29 – Lynx Creek West Segment - Instream Works – Construction (dated June 8, 2021)
- 4) The works authorized shall be completed by December 31, 2022.
 - 5) Any significant departures from the approved plans and specifications as outlined in clause (3) will be submitted to the Water Manager for approval at least ten (10) working days prior to any changes being made in the field.
 - 6) Mitigation measures shall be followed as outlined in the documents within clause (3) and (5).
 - 7) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (WLAP 2004) and as stated in the documents within clause (3).
 - 8) All instream works or work occurring in environmentally sensitive areas will be constructed under on-site supervision of an appropriately qualified Environmental Monitor (EM).
 - 9) All instream work outside the reduce risk window, shall be done in accordance with the attached terms and conditions provided by a Habitat Officer.
 - 10) The natural rate of water flow must be maintained downstream of the worksite during all phases of instream activity.
 - 11) Care shall be exercised during all phases of construction to minimize siltation of the Peace River and any other watercourse. Any instream activities carried out within the wetted width of the Peace River must be conducted in isolation to ensure that sediment and silt from those activities does not enter the stream. The holder of this approval must not cause significant adverse impact on the ambient water quality of the stream and adhere to the guidelines set out in the Environmental Management Plan and the EPP.
 - 12) Equipment operating near the stream shall be free of external grease, oil or fluid leaks and an emergency spill response kit shall be kept on-site. Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.
 - 13) All excavated material shall be placed in a stable area above the high water mark of the stream, in a location which ensures that sediment or debris does not enter the watercourse, and protected from erosion by planting grass and/or vegetation.
 - 14) This document does not supersede the requirements of the *Water Sustainability Act* and regulations, *Federal Fisheries Act* or any other related legislation. The proponent is obligated to comply with all federal, provincial and municipal legislation.
 - 15) This Approval does not authorize entry onto private land. It is the responsibility of the holder of this Approval to obtain appropriate landowner permissions/agreements prior to the works occurring.

- 16) The holder of this Approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this Approval.
- 17) The holder of this approval shall notify the Water Manager under the *Water Sustainability Act* when the changes have been completed.
- 18) The changes shall be completed to the satisfaction of the Water Manager under the *Water Sustainability Act*.
- 19) This Approval, or a copy of it, shall be kept or posted on the work site so that it may be shown to a Ministry official upon request.



Dave Francis
Water Manager



June 9, 2021

File Number: 9000477
vFCBC Tracking Number: 100351071

BC Hydro & Power Authority
12th Floor-333 Dunsmuir ST
Vancouver, BC V6B 5R3

Dear BC Hydro & Power Authority,

Section 26 (2) - Change Approval Amendment - File 9000477

This Change Approval amendment is issued in substitution of the Change Approval issued on June 3, 2021.

We wish to inform you that the Peace River and its unnamed tributaries serve as a critical spawning and rearing area for fish. As the Approval holder you are required to adhere to all other applicable Provincial and Federal regulations.

An environmental monitor shall be present during instream work.

Section 105 of the *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. You may file an appeal within 30 days of the date indicated on this letter. Information on filing an appeal can be found on the Environmental Appeal Board WEB site at <http://www.eab.gov.bc.ca/>.

Sincerely,

Dave Francis
Water Manager

Cc: EDI Environmental Dynamics Inc., Jason Yarmish, Prince George BC



Section 11 (1) Change Approval

British Columbia Hydro and Power Authority, 12th Floor-333 Dunsmuir Street, Vancouver, BC V6B 5R3 and their agents are hereby authorized to make changes in and about a stream as follows:

- 1) The streams are the Peace River, unnamed stream (watershed code: 230-788700), unnamed stream (watershed code: 230-789000), unnamed stream (watershed code: 230-790000) and an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816). The unnamed streams and unmapped stream are all tributaries to the Peace River.
- 2) The changes to be made in and about the stream are:
 - Construction of four access causeways.
 - Construction of a 1.4km long embankment adjacent of the north bank of the Peace River.
 - Gravel mining from the in-channel islands.
 - Side-casting and stock piling of overburden materials between the north bank embankment and the mid-channel island.
 - Installation of two culverts on unnamed stream (watershed code: 230-789000).
 - Installation of three culverts and concrete headwalls on unnamed stream (watershed code: 230-788700).
 - Installation of one culvert and concrete headwalls on unnamed stream (watershed code: 230-790000).
 - Installation of one culvert and concrete headwalls on an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816).
 - Removal of instream trash and debris from an unmapped stream (location as described by applicant: Lat: 56.103 Long: -121.816).
 - Riprap placement associated with culvert construction on both the unnamed streams and unmapped stream.
 - Location described by applicant as Lat: 56.11222 Long: -121.800833
- 3) All work will be as described in the Section 11 applications and the following additional document:
 - Environmental Management Plan – Site C Clean Energy Project – Highway 29 Realignment” (dated February 21, 2019)
 - Environmental Protection Plan – Site C Clean Energy Project – Highway 29 Realignment – Lynx Creek – Culvert In-stream Work (dated May 16, 2021)
 - Site C Clean Energy Project — Description of Activities and Works – Water Sustainability Act Section 11 – Highway 29 – Lynx Creek East Instream Works – Construction
 - Site C Clean Energy Project - Description of Activities and Works - Water Sustainability Act Section 11 Approval Amendment - Highway 29 – Lynx Creek East Segment - Instream Works – Construction (dated June 1, 2021)

- Site C Clean Energy Project - Description of Activities and Works - Water Sustainability Act Section 11 Approval Amendment - Highway 29 – Lynx Creek West Segment - Instream Works – Construction (dated June 8, 2021)
- 4) The works authorized shall be completed by December 31, 2022.
 - 5) Any significant departures from the approved plans and specifications as outlined in clause (3) will be submitted to the Water Manager for approval at least ten (10) working days prior to any changes being made in the field.
 - 6) Mitigation measures shall be followed as outlined in the documents within clause (3) and (5).
 - 7) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (WLAP 2004) and as stated in the documents within clause (3).
 - 8) All instream works or work occurring in environmentally sensitive areas will be constructed under on-site supervision of an appropriately qualified Environmental Monitor (EM).
 - 9) All instream work shall be undertaken during the appropriate instream work window unless otherwise authorized by appropriate Provincial or Federal agencies.
 - 10) The natural rate of water flow must be maintained downstream of the worksite during all phases of instream activity.
 - 11) Care shall be exercised during all phases of construction to minimize siltation of the Peace River and any other watercourse. Any instream activities carried out within the wetted width of the Peace River must be conducted in isolation to ensure that sediment and silt from those activities does not enter the stream. The holder of this approval must not cause significant adverse impact on the ambient water quality of the stream and adhere to the guidelines set out in the Environmental Management Plan and the EPP.
 - 12) Equipment operating near the stream shall be free of external grease, oil or fluid leaks and an emergency spill response kit shall be kept on-site. Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.
 - 13) All excavated material shall be placed in a stable area above the high water mark of the stream, in a location which ensures that sediment or debris does not enter the watercourse, and protected from erosion by planting grass and/or vegetation.
 - 14) This document does not supersede the requirements of the *Water Sustainability Act* and regulations, *Federal Fisheries Act* or any other related legislation. The proponent is obligated to comply with all federal, provincial and municipal legislation.
 - 15) This Approval does not authorize entry onto private land. It is the responsibility of the holder of this Approval to obtain appropriate landowner permissions/agreements prior to the works occurring.

- 16) The holder of this Approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this Approval.
- 17) The holder of this approval shall notify the Water Manager under the *Water Sustainability Act* when the changes have been completed.
- 18) The changes shall be completed to the satisfaction of the Water Manager under the *Water Sustainability Act*.
- 19) This Approval, or a copy of it, shall be kept or posted on the work site so that it may be shown to a Ministry official upon request.



Dave Francis
Water Manager



File: 9000477

November 20, 2019

British Columbia Hydro and Power Authority

12th Floor - 333 Dunsmuir Street
Vancouver, BC
V6B 5R3

Dear Sir or Madam:

**Re: Change Approval Application – 9000477 (Peace River – Lynx Creek Highway
Realignment)**

Approval for the above has been granted and a Section 11 Change Approval document verifying this is attached.

We wish to inform you that the Peace River serves as a critical spawning and rearing area for fish. As the Approval holder you are required to adhere to all other applicable Provincial and Federal regulations.

An environmental monitor shall be present during instream work.

Section 105 of the *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. You may file an appeal within 30 days of the date indicated on this letter. Information on filing an appeal can be found on the Environmental Appeal Board WEB site at <http://www.eab.gov.bc.ca/>.

Yours truly,

Dave Francis
Water Manager

Enc.

Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Resource Stewardship Division, Water Management Branch, Gypsy Fisher, P.Geo.
T.E. Little Consulting Inc., Tim Little 13541 – 15A Avenue, Surrey, BC Canada, V4A 9A1
EDI Environmental Dynamics Inc., Jason Yarmish, Prince George BC

Section 11 (1)
Change Approval

British Columbia Hydro and Power Authority, 12th Floor-333 Dunsmuir Street, Vancouver, BC V6B 5R3 and their agents are hereby authorized to make changes in and about a stream as follows:

- 1) The name of the stream is the Peace River.
- 2) The changes to be made in and about the stream are:
 - Construction of four access causeways.
 - Construction of a 1.4km long embankment adjacent of the north bank of the Peace River.
 - Gravel mining from the in-channel islands.
 - Sidecasting and stock piling of overburden materials between the north bank embankment and the mid-channel island.
 - Location described by applicant as Lat: 56.11222 Long: -121.800833
- 3) All work will be as described in the Section 11 Application, the document titled “Environmental Management Plan – Site C Clean Energy Project – Highway 29 Realignment” dated February 21, 2019 and the document titled, “Site C Clean Energy Project — Description of Activities and Works – Water Sustainability Act Section 11 – Highway 29 – Lynx Creek East Instream Works – Construction”.
- 4) The works authorized shall be completed by December 31, 2022.
- 5) The Contractors Environmental Protection Plan (EPP) prepared and signed by an appropriately Qualified Professional shall be submitted for review and approval by the Water Manager at least 15 work days in advance of commencement of the work.
- 6) Any significant departures from the approved plans and specifications as outlined in clause (3) or (5) will be submitted to the Water Manager for approval at least ten (10) working days prior to any changes being made in the field.
- 7) Mitigation measures shall be followed as outlined in the documents within clause (3) and (5).
- 8) All work shall be done in accordance with the “Standards and Best Practices for Instream Works” (WLAP 2004) and as stated in the documents within clause (3) and (5).
- 9) All instream works or work occurring in environmentally sensitive areas will be constructed under on-site supervision of an appropriately qualified Environmental Monitor (EM).
- 10) All instream work shall be undertaken during the appropriate instream work window unless otherwise authorized by appropriate Provincial or Federal agencies.
- 11) The natural rate of water flow must be maintained downstream of the worksite during all phases of instream activity.
- 12) Care shall be exercised during all phases of construction to minimize siltation of the Peace River and any other watercourse. Any instream activities carried out within the wetted width of the Peace River must be conducted in isolation to ensure that sediment and silt from those activities does not enter the stream. The holder of this approval must not cause significant adverse impact on the ambient water quality of the stream and adhere to the guidelines set out in the Environmental Management Plan and the EPP.
- 13) Equipment operating near the stream shall be free of external grease, oil or fluid leaks and an emergency spill response kit shall be kept on-site. Refueling of machinery shall be conducted to ensure that deleterious substances shall not enter the watercourse.

- 14) All excavated material shall be placed in a stable area above the high water mark of the stream, in a location which ensures that sediment or debris does not enter the watercourse, and protected from erosion by planting grass and/or vegetation.
- 15) This document does not supersede the requirements of the *Water Sustainability Act* and regulations, *Federal Fisheries Act* or any other related legislation. The proponent is obligated to comply with all federal, provincial and municipal legislation.
- 16) This Approval does not authorize entry onto private land. It is the responsibility of the holder of this Approval to obtain appropriate landowner permissions/agreements prior to the works occurring.
- 17) The holder of this Approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this Approval.
- 18) The holder of this approval shall notify the Water Manager under the *Water Sustainability Act* when the changes have been completed.
- 19) The changes shall be completed to the satisfaction of the Water Manager under the *Water Sustainability Act*.
- 20) This Approval, or a copy of it, shall be kept or posted on the work site so that it may be shown to a Ministry official upon request.



Dave Francis
Water Manager

Date Issued: November 20, 2019

Approval/File No. 9000477