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**From:** Broster, Chris A FLNR:EX [mailto:Chris.Broster@gov.bc.ca]  
**Sent:** 2018, May 04 9:45 AM  
**To:** Gray, Alex  
**Cc:** Coles, John FLNR:EX  
**Subject:** RE: Amendment to WSA Notification 9000138 vFCBC# 100175374 amendment #1

Hi Alex, this email can be used to clarify that dams may be removed above the confluence of Wilder Creek and Peace River main stem if they are impacting BC Hydro activities. All other conditions still apply.

Regards,

**Chris Broster**

Ecosystem Officer, Ecosystems Section  
Ministry of Forests, Lands & Natural Resource Operations Skeena Region  
Phone: 250 615-7854  
Fax: 250 798-2476  
e-mail: [chris.broster@gov.bc.ca](mailto:chris.broster@gov.bc.ca)  
Mailing address: Suite 200 5220 Keith Ave Terrace BC V8G 1L1

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**From:** Gray, Alex [REDACTED]  
**Sent:** Friday, May 4, 2018 9:32 AM  
**To:** Broster, Chris A FLNR:EX  
**Subject:** RE: Amendment to WSA Notification 9000138 vFCBC# 100175374 amendment #1

Okay. Can I ask that you add a condition or sentence to the new Notification that clarifies beaver dams may be removed upstream of the confluence of the Wilder Creek and Peace River mainstem? This was the subject of the amendment and if the original conditions still apply then this should be clarified.



April 3, 2018

vFCBC tracking # **100175374 amendment 1**

BC Hydro and Power Authority  
Attn: Alex Grey  
1055 Dunsmuir St.  
Vancouver BC V7X 1V5

Dear Alex:

Thank you for your Authorized Change Application for an amendment to your original changes in and about a stream regarding the Removal of a beaver dam for the removal of beaver dams as shown in drawing 1016-C14-10160. This letter acknowledges that the proposed activities meet the requirements as identified for Authorized Changes under the *Water Sustainability Act*.

Should the work plan change, and any works not conform to the Water Act Regulation for Notifications, proponents are then directed to obtain an Approval for instream work through the Water Stewardship Division of FLRNO. The link can be found on the Ministry websites listed below.

Terms and Conditions:

In addition to requirements of Part 3 of the *Water Sustainability Regulation*, the Best Management Practices referred to below, and the detailed description of works included with your Application, as a Habitat Officer I am requiring the following specified terms and conditions be applied to this work in and about a stream:

1. This Authorized Change terms and conditions letter **does not** constitute a *Wildlife Act Authorization*. A Wildlife Act Authorization is also required.
2. You are required to inform myself, and our Compliance and Enforcement Branch, via e-mail, 24 hours prior to the commencement of work. (Habitat Officer: [Chris.broster@gov.bc.ca](mailto:Chris.broster@gov.bc.ca) , John Coles, Compliance and Enforcement Supervisor: [John.Coles@gov.bc.ca](mailto:John.Coles@gov.bc.ca) ). **Location** of work site(s) must be included in the e-mail.

3. Where multiple beaver dams are removed from a given system the lowest dam is always removed first with dams further upstream being removed subsequently;
4. Where dams retain a large head of water, dam material is removed slowly and in stages to prevent stranding of fish above and below the dam, excessive turbidity below the dam, and/or streambed scour; and
5. Where potential for fish stranding exists due to de-watering of areas upstream and downstream of the dam, crews will monitor these areas and either salvage fish, or restore connectivity between residual pools and the mainstem using hand tools.
6. Activities must adhere to the “Description and Activities and Works” Document supplied with the amendment request.

Best Management Practices:

The Province of British Columbia has developed standards and best management practices for water notifications under the *Water Sustainability Act*. It is the responsibility of proponents to ensure that all works conducted under the Water Act Regulation must comply with the specific construction standards listed in Section 44 (2). *A Users Guide to Working In and Around Water, the Standards and Best Practices for Instream Works and the Terms and Conditions of an Habitat Officer* can be viewed on the Ministry of Forests, Lands, and Natural Resource Operations (FLNRO) web site at:

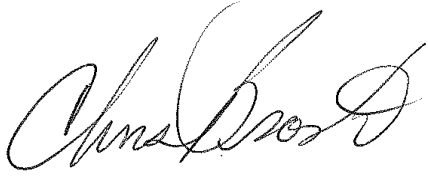
[www.env.gov.bc.ca/wsd/water\\_rights/licence\\_application/section9/](http://www.env.gov.bc.ca/wsd/water_rights/licence_application/section9/) and [www.env.gov.bc.ca/wsd/regions/ske/wateract/](http://www.env.gov.bc.ca/wsd/regions/ske/wateract/). A signed statement of intent within the Notification Application indicates you have read, understood and will meet requirements identified in the ministry documents.

If you are unable to electronically access the above noted documents, please contact this office.

Site Inspection:

As noted above, it is a Term and Condition of this Notification that you inform the Ministry 24 hours prior to start of works. The Ministry of FLNRO keeps track of all Notifications submitted for the purpose of site inspection and monitoring. Notifications are also forwarded to the Compliance and Enforcement Branch (C&E) of FLNRO. Projects deemed medium and high risk may be inspected by C&E technicians and/or the Habitat Officer at time of work or shortly thereafter.

Yours truly,

A handwritten signature in black ink, appearing to read "Chris Broster". The signature is fluid and cursive, with the first name "Chris" and last name "Broster" clearly distinguishable.

Chris Broster,  
Ecosystem Officer  
Resource Management Division

pc: Ministry of Forests Lands and Natural Resource Operations – C&E Charlie Lake Field  
Office.  
Conservation Officer Service, Dawson Creek.



File: 9000138

July 20, 2016

Alexandra Gray  
BC Hydro and Power Authority  
1055 Dunsmuir Street  
Suite 600  
Vancouver, V7X 1V5

Dear Alexandra Gray:

**Re: Beaver Dam Removal – Water Sustainability Act – 9000138**

Thank you for submitting your *Water Sustainability Act* Changes In and About a Stream Application to FrontCounter British Columbia on July 11, 2016.

The Water Sustainability Regulation, Part 3, Section 39 (1)(u) Authorized Change was reviewed for the proposed removal of beaver dams and/or houses to support instream works and construction activities in accordance with the *Wildlife Act* Wildlife Permit (FJ14-154005 ) up to the confluence of Wilder Creek and the Peace River mainstem.

The Authorized Change is only authorized when the Wildlife Permit (FJ14-154005) is valid and in good standing. Moreover, as identified in the Wildlife Permit, only Management Units 7-31 through 7-35 are authorized.

This Authorized Change review **does not** extend to BC Hydro and Power Authority the ability to conduct instream works to manage water levels impounded by beaver dams, remove or destroy beaver dams or houses:

- Upstream of the aforementioned confluence of the Wilder Creek and Peace River mainstem;
- Authority to enter onto privately held land without landowner consent and permission; and,
- Where beaver dam activity poses no imminent damage to BC Hydro and Power Authority property or Site C Clean Energy Project.

It is the Ministry's understanding that BC Hydro and Power Authority will:

- Adhere to the conditions of Wildlife Permit: FJ14-154005 issued under the *Wildlife Act* authorizing BC Hydro and Power Authority to conduct beaver management activities as prescribed within the Wildlife Permit;



Ministry of  
Forests, Lands and  
Natural Resource Operations

- Confirm and verify fish presence on streams and follow prescribed timing windows of least risk “[Peace Terms and Conditions](#)” prior to undertaking any instream works regarding proposed beaver management activities;
- Manage all streams as fish bearing in the absence of known fish presence evidence and/or stream/fish survey confirmation report, declaring the watercourse non fish bearing. Assessment of fish presence or absence will be completed to Ministry; Resources Information Standards Committee (RISC) survey standards;
- For works that cannot be feasibly delayed or conducted to comply with the timing windows of least and in-stream works affecting fish and fish habitat will be guided through the *Fisheries Act* Authorization issued by the Department of Fisheries and Oceans;
- Follow the Ministry of Environment, “General BMPs and Standard Project Considerations: Beaver Dam Removal – Standards and Best Practices for Instream Works V.01” during operations;
- Provide the ministry upon request a copy of sediment control plan detailing measures to protect the environment in the form of a “Environmental Protection Plan” document.

In addition, all works in and about a stream must be compliant with applicable provincial, federal and/or municipal legislation/regulations including; but not limited to, the [Water Sustainability Act](#), [Water Sustainability Regulation](#), and Site C – Clean Energy Project – Construction Environmental Management Plan requirements.

BC Hydro and Power Authority will ensure an Independent Environmental Monitor is engaged to provide oversight and audit reporting services to the Ministry as required and an Environmental Monitor is engaged to oversee the implementation of the project.

It is also expected that all work will be consistent with the [Standards and Best Practices for Instream Works](#).

The effective date of this Authorized Change is July 20, 2016. If you have any questions and/or concerns regarding this communication, you can contact me at (250) 784-1220.

Melvin “Jameson” Mailloux, PAg  
WSA Officer and Habitat Officer  
Regional Water Stewardship Officer  
Northeast Region