



April 6, 2016

vFCBC tracking # 100161089

Ministry of Transportation and Infrastructure.
Attn: Catherine Deol
213-1011 Fourth Ave.
Prince George BC V2I 3H9

Dear Catherine:

Thank you for your notification of works for changes in and about a stream regarding the Road Crossing Culvert - Construction/Maintenance/Removal, for the culvert works on McDowell Creek @ 54.6759000,-127.0143000. This letter acknowledges that the proposed activities meet the requirements as identified for Notifications under the *Water Sustainability Act*.

Should the work plan change, and any works not conform to the Water Sustainability 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. Ensure unimpeded access for amphibians and fish.
2. Ensure steps are taken to minimize the introduction of sediment to any water course.
3. No deleterious substances to enter any water course.
4. Fueling of all machinery and equipment to take place outside of the Riparian Area.

5. Any rock used shall be from a non- acid generating source.
6. Minimize disturbance to any stream side vegetation.
7. Emergency Spill kit must be on site and ready to deploy.
8. Ensure that all works involving the use of concrete, cement, mortars, and other Portland cement or lime-containing construction materials will not deposit, directly or indirectly, sediments, debris, concrete, concrete fines, wash or contact water into or about any watercourse.
9. A CO₂ tank with regulator, hose and gas diffuser must be readily available during concrete work to neutralize pH levels should a spill occur. Train staff in its use.
10. Any vegetative seed mix must be a native blend with no clover.
11. Environmental Monitor must be on site for works.
12. 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 , Bernard Mattie, Compliance and Enforcement Supervisor: Bernard.Mattie@gov.bc.ca).

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/ and 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 a large initial "C" and "B".

Chris Broster,
Ecosystem Officer
Resource Management Division

pc: CO Service – Smithers
Ministry of Forests Lands and Natural Resource Operations – C&E Smithers.
Amec Foster Wheeler – Environment & Infrastructure, Natalie Newman, RP Bio.