



September 10, 2008

Northern Research Institute
Yukon College
Box 2799
Whitehorse, YT Y1A 5K4

Attention: Clint Sawicki

RE: Water Use Application MS08-273, Salmon Incubation & Rearing

I have reviewed the above referenced water use application that you submitted on July 24, 2008. The Schedule 4 Application form indicates that this application is a renewal of water use licence MS02-209. The Board can only consider renewing an active licence. Since water use licence MS02-209 expired on July 31, 2008 your water use application cannot be considered as a renewal of the licence; however, I will continue to process it as a new application.

In order to continue processing your application, the following information is required:

Schedule 4 Application

1. The Schedule 4 Application was corrected from indicating that the project is ongoing to now proposing an expiry date of July 31, 2018. Please note that the Board can authorize a licence for a term up to 25 years. Please advise if you wish to propose a longer term for the Board to consider. If so, please update the attached copy of the Schedule 4 Application and return it to this office.
2. The submission of a water use application includes the requirement to pay the applicable fees. The fees include a \$30.00 application fee and the deposit of the first year water use fees in the amount of \$30.00. Your total amount owing is \$60.00. To pay these fees, please contact the Water Board office at 456-3980. You can make your payment by Visa (by phone or in person), cheque, money order or pay by cash or debit in person. If you are paying by cheque or money order, please ensure that it is made payable to the Territorial Treasurer.
3. Your previous licence authorized you to deposit waste in the form of fish food, fish feces, disinfectants and neutralized iodine into the unnamed tributary of McIntyre Creek. Please confirm if you will be continuing to deposit waste by completing section 8 of the Schedule 4 Application, "To deposit waste". Also ensure that your response to item 30 of the Information Sheet clearly includes all forms of waste deposit that you propose the Board consider for licensing.

Information Sheet

4. As required by item 4(b), please provide a topographical map, or part thereof that indicates:
 - a) the project location,
 - b) the map sheet number,
 - c) the scale of the map, and
 - d) the location of North.

5. Please refer to item 13 of the Information Sheet. You have indicated that you are not the registered owner of the property where the project is located. Please provide the required information that is listed on page 5. I have attached a copy of page 5 of the Information Sheet for your convenience.

6. In your supplemental information that you provided in response to item 30, you have indicated that Iodophor will be used as a disinfectant, which you have indicated contains 10% iodine. You also indicate that iodine will be stored on site. You have provided material safety data sheet for a product called Ovadine which the MSDS indicates is a Povidone Iodine Solution; however, there is no reference that I can locate in your application for the use of this product.
 - a) Please provide details of use for the product Ovadine.
 - b) If you only intend to use the product Ovadine, please update your application by correcting all references to Iodophor/Iodine and refer only to the product that you intend to use to avoid confusion in your application and potential errors if the Board approves your application.
 - c) If you intend to use several products, clearly identify the products and provide material safety data sheets for each product and a description of the use, including the frequency of use and confirmation whether the product will be neutralized prior to release into McIntyre Creek as previously required by licence MS02-209.

7. In response to item 30(h) you have indicated that samples will be taken to measure for phosphorus levels entering McIntyre Creek. Water Use Licence MS02-209 included conditions for monitoring and surveillance (Part C). If you intend to continue with the sampling program included in the expired licence, it is your responsibility to provide the details of monitoring and surveillance as part of the current application. If not intending to follow the monitoring requirement previously required by the Board, please explain why and provide details as to where you plan to conduct monitoring and surveillance, frequency and parameters.

8. In response to item 30(i) you have proposed an effluent quality discharge standard of 0.065 mg/L for Total Phosphorus. In reviewing applications that include proposed discharge standards the Board typically requires, as part of a licence, that the effluent quality discharge standards are met at the final point of control from the facility prior to discharging. Please identify where the final point of control is located from the facility, prior to discharge.
9. In response to item 31 you have indicated that the project includes the handling or storage of petroleum or hazardous materials. There is a notation that indicates that Ovadine will be stored away from the water.
 - a) Please confirm whether Ovadine will be the only hazardous material handled and stored onsite or will there be petroleum products handled or stored on the site?
 - b) If you intend to handle or store petroleum products onsite you are required to provide plans for the handling, storage, as well as, a contingency plan in the event of a spill.
 - c) Please confirm the minimum distance that the Ovadine will be stored from the watercourse.
10. The Officers of the Company/Corporation form was not completed. In review of the material supplied as part of your previous water use application, MS02-209 you indicated that the Institute is a not for profit organization and provided the number 12193 7502 RR0001. Please confirm if this information is still accurate. If it is not, please provide proof that the Institute is a registered society or organization in the Yukon.
11. Please provide a written response for items 38 through to 45, items 48 and 51. I have attached pages 13, 14 and 15 of the Information Sheet for your convenience.

Environmental Assessment

12. I noted that you provided a completed Project Confirmation Form to the Water Board office, with an indication of the Yukon Environmental and Socio-economic Assessment Board file number. I checked the YESAB Online Registry and as of today a Decision Document has not been issued by the Government Decision Body(ies). The YESAB file is in the "Recommendations Sent" phase.

When the Decision Bodies have issued a Decision Document they will provide you with a copy of the Decision Document. Please review the Decision Document. If your project has not changed as a result of the YESAA process, and there is no new information that should be included in your application as a result of that process, please complete the attached Project Confirmation Form and return it to this office. If your project has changed as a result of the YESAA process, it is your responsibility to ensure that the Water Board has accurate information pertaining to your project at the time you submit your completed Project Confirmation Form.

As soon as the Water Board office receives your completed Project Confirmation Form and any additional information that you may provide, I will obtain a copy of the Decision Document. The Decision Document will be included in the register with your application for review by the Water Board, and I will continue to process your application.

In the meantime, if you have any questions, please do not hesitate to contact me at 456-3980.

Sincerely,



Kelly Boutilier
Licensing Officer

C: Register MS08-273, Exhibit 4.1

Encl: Copy of Schedule 4 Application, date stamped 08.08.06
Copy of Information Sheet pages 5, 13, 14 and 15, date stamped 08.07.29
Project Confirmation Form