

## Kelly.Boutilier

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**From:** Kelly.Boutilier  
**Sent:** Tuesday, November 10, 2009 11:02 AM  
**To:** 'davesarahlau@hotmail.com'  
**Subject:** Erich Rauguth, Water Use Application PM09-652

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PM09-652

Good Morning Dave,

I have completed my review of the water use application that you submitted on behalf of Mr. Rauguth on October 16/09. I have some items that won't take long for you to go through in order to update the water use application. If you have any questions, please don't hesitate to call me (collect) at 867-456-3983. Please note Wed Nov. 11 is a Statutory holiday and the Water Board office will be closed. For any pages that you correct, please send the updated pages to the Water Board office by email/fax/mail. I will provide the details at the end of this email for your convenience.

Please see the following:

1. It is my understanding from reviewing the location of the grant numbers on the map provided that the actual watercourses include only Chief Gulch (trib of Eldorado) and an unnamed pup (trib of Chief Gulch). If this is correct, please update item 4 of the Schedule 4 Application to reflect this.
2. Please refer to item 3 on page 5 of the Placer Mining Information Sheet. Please correct the name of the Watershed, which is "Klondike River".
3. Please refer to item 5 on page 5 of the Information Sheet. The total number of grants should be 7.
4. Please refer to item 7 on page 6 of the Information Sheet. You are required to provide a copy of the current claims status sheet, which must be obtained from the Mining Recorders Office that lists the 7 grants which are included in application and indicates they are active. Please provide this document at your earliest convenience.
5. Please complete a new page 9 of the Information Sheet for the unnamed pup to provide the requested valley information.
6. The existing ford is on grant number 00494, which is on Eldorado Creek. This grant number is not adjacent to the 7 grants included in the licence and won't be considered for licensing at this time unless Mr. Rauguth expands his proposed mining plan to add additional grants that include 00494. Please confirm whether Mr. Rauguth intends to expand the mining plan at this time or not. If not, Mr. Rauguth should contact DFO staff to ensure the crossing is maintained to acceptable standards.
7. Please refer to item 37 on page 14 of the Information Sheet. The proposed total length of the diversion is indicated to be 1,250 metres long. This length is also reflected in Appendix E1 of the DFO Worksheets. The diversion is proposed to be on 6 grant numbers. The typical length of a grant is 500' x 6 grants = 3,000 feet which is equivalent to 914.4 metres. Please confirm the proposed length of the watercourse that will be diverted and update the page 14 as well as Appendix E1.
8. Please refer to item 39 on page 14 of the Information Sheet. The completed DFO worksheets indicate the flood design level for the final restoration channel will be 1:5 and for the temporary diversion channel 1:2. Update item 39 to reflect this information.
9. a) Please refer to item 42 on page 15 of the Information Sheet. It is not clear how water will be obtained from the watercourse and conveyed to the reservoir/pump pond. Please describe.  
b) Please refer to item 44 on page 15 of the Information Sheet. You have indicated "N/A" when asked if there will be an instream reservoir/pump pond. Item 82 of the Information Sheet clearly indicates that there will be no intake ditch. However, Appendix G of the DFO worksheets shows the use of a wing dam and excavation of a dugout. Your drawing of the mining operation does not show the use of a wing dam and it is unclear if the pump pond is intended to be the dugout. If an instream feature will be used, please complete items #44 to 49.  
c) update Appendix G by drawing in the symbol to be used for "dugout" which is a shaded in octagon.
10. Please refer to item 75 on page 21 of the Information Sheet. It appears that the flood frequency referenced contains a typographical error as it states the flood frequency to be 1:50. The DFO Workset, Appendix D states the flood frequency

for the final restoration channel to be 1:5. If item 75 is incorrect, please correct this page.

11. Please refer to items 88 to 90 starting on page 22 of the Information Sheet. This section is asking you about the measures you will take during decommissioning of the mining operation. Please respond to these questions as it relates to decommissioning of the settling ponds/reservoirs, etc.

12. Please refer to item 94 on page 23 of the Information Sheet. Please note that the Traditional Territory where the project located is of the Tr'ondëk Hwëch'in.

13. Please refer to Step 6 on page 3 of the Spill Contingency Plan that was provided as part of the application. Please update this page to reflect the correct Whitehorse phone number which is 456-3882 and return the updated page to this office.

14. Please refer to Appendix F of the DFO Worksheets labelled Part 1. This page is referring to a Temporary Restoration Channel. Can you please describe where the temporary diversion channel will be located and provide the name of the watercourses.

15. Please refer to the schematic drawing of the mining plan that has the title "Claim No 17428 Top". Please note that grant number 17428 is not included on the 7 grant numbers which you have identified on page 6 of the Information Sheet. Please update this drawing to reference the top grant number from those identified on page 6.

16. Please refer to Appendix E1 of the DFO Worksheets. Please check the calculations that were included on this form to ensure they are correct.

A) The Information Sheet noted the width of the diversion channel to be  $0.5 \text{ metres} \times 1.2 = 0.6 \text{ metres}$ .

B) Please check the calculation for the depth. The Information Sheet indicates the depth to be  $0.25 \times 1.5 = 0.375$

17. Please refer to Appendix F (Part 2) of the DFO Worksheets. Please refer to your calculation for the rock islands. Your calculation uses the approximate width of the original channel, not the diversion channel. My calculation is  $10 \times 0.6 = 6.0 \text{ metres}$ . Please confirm.

18. As discussed with you previously, you will need to complete and submit the Water Board's Project Confirmation form after you have reviewed the Decision Document that is issued by government at the conclusion of the YESAA process.

Please note that your drawings were completed in pencil and changes made to the plans may not be legible if you send updated drawing by fax. If drawings are received by fax, I will confirm whether the requested features are legible or whether I will require you to send them via mail.

Thank you for your attention to the items I have noted above and I will look forward to receiving the updated information.

Sincerely,

Kelly Boutilier  
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