

**Phyllis Beaulieu**

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**From:** Liu, Amy [LiuA@DFO-MPO.GC.CA]  
**Sent:** Friday, October 05, 2007 1:10 PM  
**To:** Derek Chubb  
**Cc:** Cheryl Wray; Al Gorman; Lim, Julian Y; Pelley, Keith; Phyllis Beaulieu  
**Subject:** RE: Camp Lake Water Intake

Hi Derek.

Thank you for the email and photo. DFO has no objections to the temporary placement of the pipe along the bottom of Camp and Sheardown Lakes, without rip-rap and weighted at its termination point, until the permanent submersible pump design is reviewed and approved for installation.

It is my understanding that Baffinland proposes to withdraw water from a lake (volume of 52,700,000 cubic metres) located 32km away from Milne Camp at a rate of 23 cubic metres a day for the winter season. It is recommended that the water is removed from deep areas of that lake (>2m below the ice surface) wherever feasible, to avoid the removal of oxygenated surface waters that are critical to over-wintering fish. The littoral zone should also be avoided as a water withdrawal location. With the implementation of the above recommendation, DFO has no objections to the winter water withdrawal from the lake located 32km away at the rate of 23 cubic metres a day.

Please feel free to contact me if you have any questions.

Regards.

**Amy Liu**

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**From:** Derek Chubb [mailto:derek.chubb@baffinland.com]  
**Sent:** Friday, October 05, 2007 12:31 PM  
**To:** Liu, Amy  
**Cc:** 'Cheryl Wray'; 'Al Gorman'  
**Subject:** Camp Lake Water Intake

Amy,

As discussed, we are preparing for winter water supply to the Mary River Camp.

To date, we have discussed the installation of the pump/pipes associated with the all-season camp.

The interim installation will be a heat-trace and insulated suction pipe along the bottom of the lake to below the expected thickness of the ice or withdrawal of water from a hole through surface. A pipe along the bottom would

10/12/2007

be installed without rip-rap and weighted only at its termination point. An intake screen meeting DFO guidelines will be used.

Please acknowledge our intent and that further approval is not required from DFO.

Also on the subject of water, we are transitioning from our summer water source at Milne Inlet from Phillips Creek to a suitable lake adjacent to the tote road. The source identified in our water license is not practical as it is very close to the Mary River Camp (a 99km one way trip) – we are working with the NWB to address. The source that we have identified as being more feasible is shown on the attached figure. Water withdrawal may be up to 2 trucks (23 m<sup>3</sup>/d) from the lake in any given day; which is insignificant compared to the size of the lake. We will be withdrawing using a suction hose through the ice surface (including an appropriate screen). Can you confirm that DFO would have no concerns with the use of this source?

I have attached a photograph of the first box culvert installation as requested.

Derek Chubb  
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