

Phyllis Beaulieu

From: David Hohnstein [dts@nunavutwaterboard.org]
Sent: Thursday, August 23, 2007 11:16 AM
To: Stevenson, Dave
Cc: Phyllis Beaulieu
Subject: Fw: Izok Dock
Attachments: DFO Freshwater Intake end-of-pipe guideline_e.pdf

Good morning Dave,

in followup to your inquiry regarding the freshwater intake for Izok, I inquired with Amy Liu, senior fisheries biologist with DFO on the fisheries requirements wrt your proposal to extend the intake into deeper water utilizing a system similar to that used at ULu. Please see her response below. There does not appear to be any issues that have not already been taken into consideration with the previous installation. The installation should not involve disturbing the subsurface, shoreline and below the high water mark (ie, placement of fill, or removal of any materials).

With respect to the current Licence, if the proposed system was not presented during the application/review process, then a submission under Part G, Item 1 should be provided to cover the issue as it would be a change or modification to what was originally proposed. This way it would still require a 30 day review, and would go out to all parties so that Transport Canada could review with respect to the Navigable Waters Act. They did not have any issues that I recall with the Doris North Project floating dock, so I wouldn't suspect the Izok proposal would be a concern. There may have to be an authorization issued for the installation. Given that the condition in the licence allows for 60 days, you could have it installed by October (60 days). As the system may be pretty 'simplistic' and not an engineered structure or design, you may want to clarify that with your notification and that as-builts would not be provided as per Part G, Item 3. If you have a proper drawing done up that would be more than adequate.

Hope this helps you out, if you do proceed with the notification, I'm sure a letter describing the installation, complete with a drawing of how/where the intake will be installed along with assurance that it will meet the DFO requirements (calculations provided would be beneficial), things should go through the system 'uninterrupted'.

Regards,

Dave

----- Original Message -----

From: [Liu, Amy](#)
To: [David Hohnstein](#)
Cc: [Savoie, Paul](#)
Sent: Thursday, August 23, 2007 7:04 AM
Subject: RE: Izok Dock

Hi David.

In regards to David Stevenson's email below, there are two different works that are proposed for the operation of the dock which are the construction of the dock and the placement of the intake pipe. It appears that the dock consists of styrofoam and 2x6 planking. If the dock is placed entirely above the ordinary high water mark and does not involve placing fill on the bed of the water body, DFO does not have concerns with the structure. For the intake pipe, DFO recommends that the proponent use DFO's *Freshwater Intake End-of-Pipe Fish Screen Guideline* to prevent the loss of fish due to entrainment or impingement. This guideline is attached for your information.

If the following scenarios are proposed,

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- dock is a floating structure,
- the intake pipe does not require any placement of fill below the ordinary high water mark, and
- DFO's guideline mentioned above is followed,

DFO review will not be required.

Unfortunately, I do not recall the TC comments from the Doris floating intake.

Cheers.

Amy Liu

Habitat Management Biologist
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From: David Hohnstein [mailto:ds@nunavutwaterboard.org]

Sent: Tuesday, August 21, 2007 3:22 PM

To: Liu, Amy

Subject: Fw: Izok Dock

Hi Amy,

I was wondering if you could take a look at Dave Stevenson's request below and provide me with some feedback and expectations, if any of DFO.

As far as the NWB is concerned, they have not requested any change to the water quantity or location, other than they would like to suspend the intake in deeper water to allow for some winter operations. He is correct that there is nothing in the current licence that would require them to submit an amendment, at the most they would need to submit a notification of a modification to their existing water intake.

I remember there being a comment on the Doris floating intake from TC with respect to the navigable waters, but this is considerably smaller in scale.

Any thoughts are appreciated.

Thanks,

Dave

----- Original Message -----

From: [Stevenson, David](#)

To: [David Hohnstein](#)

Sent: Monday, August 13, 2007 4:24 PM

Subject: Izok Dock

Hi Dave:

I have had the pleasure of entertaining a Mr. Andrew Keim today as he conducted a surprise inspection of Izok. No worries, it looks like we passed the test.

8/28/2007

We were discussing how we were planning to suspend our submersible water pump when we get our fresh water line hooked up. We were indicating to Andrew we were going to build a small dock that would extend out into Ham Lake until we got into a deeper part of the lake so that we can draw water from the lake even during the peak of the winter, if required. He questioned whether our water license allows for the as he thought we would have to submit an amendment to our water, and then DFO would get involved, etc. I indicated at Ulu we have a dock, constructed out of styrofoam and 2x6 planking, from which we suspend our electric, submersible water pump with insulated and heat traced piping, and no previous inspector questioned this, nor did we have to submit an amendment to our Ulu water license to construct the dock.

Do we need to submit an amendment to our Izok water license to build the dock before we can suspend our submersible pump for camp water consumption use? Does DFO have to get involved? I see nothing in our existing Izok water license that references or covers this issue.

Regards,

David B. Stevenson, M.Sc., P.Geo.

Exploration Manager

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