



NWB Tools

Richard Dwyer <richard.dwyer@nwb-oen.ca>

3BM-RUT1520 Amemdent to Water Licence Application

Roy, Bhabesh <BRoy@gov.nu.ca>

Thu, Dec 14, 2017 at 10:16 AM

To: Richard Dwyer <richard.dwyer@nwb-oen.ca>, "FPP.CA / PPP.CA (DFO/MPO)" <fisheriesprotection@dfo-mpo.gc.ca>

Cc: Licensing Department <licensing@nwb-oen.ca>, "Roy, Bhabesh" <BRoy@gov.nu.ca>, "Lusty, Megan"

<MLusty@gov.nu.ca>, "Ruediger, Ralph" <RRuediger@gov.nu.ca>, "Olson, Wayne" <WOlson@gov.nu.ca>, "Brown, Tim"

<Tim.Brown@gov.nu.ca>

Richard

Please see below my responses in green.

- Please provide the approximate volume of water in the lake, allowing us to determine what percentage of water is being taken from the body of water;

Our record shows:

The Resolute Bay Char lake drainage area= 440ha**The Char Lake surface area= 52.6ha****Maximum depth=27.50m****Mean depth=10.20m**

Due to the climate change , snow fall intensity , rainfall intensity and evaporation rate vary each year. However, in 2017, extraction volume from January to October =106,208 cubic meters, average monthly = 10,621 Cubic meters. Out water licence permit extraction volume =126,020 cubic meters annually.

- Will there be any construction below the High Water Mark? This includes any in-water work associated with the installation of the new pumping station;

Yes, the well of the new pump station . The invert level of the well should be below from the high water mark. The construction detailed drawings are not available yet.

- Will DFO's End-of-Pipe Fish Screen Guidelines be taken into account when screening the pump?

Yes, this guidelines will be followed in the construction drawings. The as built drawings will show all the details.

Thanks.

Bhabesh

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Nunavut Water Board Mail - 3BM-RUT1520 Amemdent to Water Licence Application

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From: Richard Dwyer [mailto:richard.dwyer@nwb-oen.ca]

Sent: December 13, 2017 6:54 PM

To: [FPP.CA](#) / [PPP.CA](#) (DFO/MPO)

Cc: Licensing Department; Roy, Bhabesh

Subject: Re: 3BM-RUT1520 Amemdent to Water Licence Application

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