



NWB Tools

Karén Kharatyan &lt;karen.kharatyan@nwb-oen.ca&gt;

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**RE: 3BM-QIK0712 Renewal/amendment**

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

Tue, May 13, 2014 at 12:03 PM

To: Karén Kharatyan &lt;karen.kharatyan@nwb-oen.ca&gt;

Cc: Licensing Department &lt;licensing@nwb-oen.ca&gt;, "Boyle, David" &lt;DBoyle@gov.nu.ca&gt;, "Ruediger, Ralph" &lt;RRuediger@gov.nu.ca&gt;

Yes I am OK. Please remember that life time of the project is until 2027(20yrs). Therefore maximum requirement 37,500 m<sup>3</sup> will be needed in 2027. We do not consume 103 m<sup>3</sup> per day in 2014. Today's population is only 554. Whereas in 2027, the population will be 626.

Hope it is clear.

Thanks Karen.

Bhabesh

**From:** Karén Kharatyan [mailto:[karen.kharatyan@nwb-oen.ca](mailto:karen.kharatyan@nwb-oen.ca)]**Sent:** Tuesday, May 13, 2014 1:41 PM**To:** Roy, Bhabesh**Cc:** Licensing Department; Boyle, David; Ruediger, Ralph**Subject:** Re: 3BM-QIK0712 Renewal/amendment

Sounds good Bhabesh,

Considering the 37,500 m<sup>3</sup> annually remains unchanged for the renewal, so it would be around 102 m<sup>3</sup> per day. I guess you are ok with it.

Thanks,



Karén Kharatyan, Ph. D- ᑕᓄᓐᓂᓐ ᑕᓄᓐᓂᓐ

Technical Advisor- Conseiller Technique

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[www.nwb-oen.ca](http://www.nwb-oen.ca)

P.O. Box 119  
Gjoa Haven, NU, X0B 1J0

C.P. 119  
Gjoa Haven (Nunavut), X0B 1J0

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ᑕᓄᓐᓂᓐ ᑕᓄᓐᓂᓐ X0B 1J0

Titigaqavua 119  
Uqhuqtuuq, NU, X0B 1J0

Tel / Téléphone / ᑕᓄᓐᓂᓐ ᑕᓄᓐᓂᓐ / Hivayauta: (867) 360-6338 | Fax / Télécopieur / ᑕᓄᓐᓂᓐ ᑕᓄᓐᓂᓐ / Fax-kut: (867) 360-6369  
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Merci de penser à l'environnement avant d'imprimer ce courriel / Thank you for thinking of the environment before printing this email

On Tue, May 13, 2014 at 11:31 AM, Roy, Bhabesh <[BRoy@gov.nu.ca](mailto:BRoy@gov.nu.ca)> wrote:

Dr. Karen,

Please consider daily 52.00 m<sup>3</sup> per day. Total 18,938,977 litres annually in 2014. Sorry. It was my mistake. The existing quantity shown in the licence for 37,500 is fine for renewal.

This is being filled by gravity. Considering 300 m<sup>3</sup> per day to fill 31500 m<sup>3</sup> will take roughly =105days if the reservoir is completely empty. Practically, the reservoir is always half full prior to filling it back.

Considering filling time 52days. Less than 300 m<sup>3</sup> flow per day is recommended for the Hamlet to be maintained and licence can stand as Class B.

Thanks for addressing this issue.

Bhabesh

**From:** Karén Kharatyan [mailto:[karen.kharatyan@nwb-oen.ca](mailto:karen.kharatyan@nwb-oen.ca)]

**Sent:** Tuesday, May 13, 2014 12:41 PM

**To:** Roy, Bhabesh

**Cc:** Licensing Department

**Subject:** 3BM-QIK0712 Renewal/amendment

Hi Bhabesh,

A couple of quick questions: Can you please tell how much water is requested for the renewal licence? The numbers in the renewal (184 m3 per day) and amendment (18700 m3 annually) applications and in the licence (37500 m3 annually) are not consistent. Could you please clarify.

The second question is with respect to reservoir that has 31500 m<sup>3</sup> capacity. Could you confirm that the water from the source is pumped with a rate not exceeding 300m<sup>3</sup> per day? If this rate is higher than 300 m<sup>3</sup> per day the licence can become a Type "A" licence.

Regards,



Karén Kharatyan, Ph. D- ԵՂԸՆԻՐԱԳԻՐ

Technical Advisor- Conseiller Technique

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[www.nwb-oen.ca](http://www.nwb-oen.ca)

P.O. Box 119  
Gjoa Haven, NU, X0B 1J0

C.P. 119  
Gjoa Haven (Nunavut), X0B 1J0

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Titigaqavua 119  
Uqhuqtuuq, NU, X0B 1J0

Tel / Téléphone / ᐅᐅᐅᐅ / Hivayauta: (867) 360-6338 | Fax / Télécopieur / ᐅᐅᐅᐅ / Fax-kut: (867) 360-6369  
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