

**Nunavut Water Board
(NWB)
Water Licensing Process**



**Type "A" Water Licence 3AM-GRA1015
Amendment Application
for
Hamlet of Rankin Inlet
Government of Nunavut, Community and Government
Services (GN-CGS)**

Rankin Inlet - September 25, 2014

**Introduction to the
Nunavut Water Board (NWB)**



- Established pursuant to Article 13 of the *Nunavut Land Claims Agreement* (NLCA) as an Institution of Public Government (IPG).
- NWB has the responsibilities and powers over the regulation, use and management of water in Nunavut.
- Objective is to provide a means for the conservation and utilization of waters in Nunavut, except in a national park, in a manner that will provide the optimum benefit from those waters for the residents of Nunavut in particular and Canadians in general.

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GN-CGS Hamlet of Rankin Inlet Type "A" 3AM-GRA1015 Water Licence



- Date Licence Issuance: June 9, 2010
- Date Licence Expiry: May 31, 2015
- Water use not to be Exceeded: 850,000 m³ annually
- Water use for Municipal undertaking: Nipissar Lake
 - Operation of Water Supply Facilities, Utilidor and Sewage Treatment Facility

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GN-CGS Hamlet of Rankin Inlet Type "A" 3AM-GRA1015 Water Licence



Includes:

- Water Supply Facilities:
 - Areas and associated infrastructure at Nipissar Lake, including the Lake, intake lines, pump-house, underground pipeline and Williamson Lake water tank
- Sewage Treatment Facility:
 - Sewage Collection System – mostly piped sewage service and trucked pump-out service
 - Waste Water Treatment Plant to provide primary treatment via a rotating drum screen, and discharge Sewage to the marine environment in Prairie Bay

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Amendment Application before the Board Type "A" 3AM-GRA1015 Water Licence



- NWB received a Type "A" Water Licence Amendment application and supporting documents (Application) from Stantec Architecture Ltd. (Stantec) on behalf of GN-CGS for Water Licence 3AM-GRA1015 on August 14, 2012, October 6, 2012 and August 12, 2013, regarding

Seasonal replenishment of Nipissar Lake:

- Water to be withdrawn from Char River, exiting Lower Landing Lake, and pumped to Nipissar Lake each summer for approximately 125 days annually as requested originally. According to Stantec May 2014 submission the number of pumping days would be increasing from 14 in 2014 to 79 in 2030, reassessed in September to approximately 43 days.
- Resupply pump system is designed for 700 USGPM (one USG – 3.6 L) to pump up to roughly 145 m³/hr. or 292,730 m³/year (if 84 pumping days) additional water to Nipissar Lake.

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Amendment Application before the Board Type "A" 3AM-GRA1015 Water Licence



Reasons for replenishment of Nipissar Lake:

- According to FSC Architects & Engineers 2009 Survey the volume of Nipissar Lake decreased from
3,469,780 m³ in 1995 to
2,809,260 m³ in 2009 or
by 660,520 m³ or 44,000 m³/year
- Nipissar Lake natural replenishment is estimated to be 311,789 m³/year
- Water usage in 2013 (being reported): 603,234 m³
- Difference calculated for 2013: 291,445 m³/year

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Procedural History of 3AM-GRA1015 Water Licence Amendment Application



- **August 23, 2013**
NWB acknowledged receipt of the Application asking parties to review the scope and completeness of information provided and submit their comments to the NWB by September 13, 2013 extended to September 20, 2013.
- **September 20, 2013**
NWB received comments and additional information requests from Aboriginal Affairs and Northern Development Canada (AANDC) and Fisheries and Oceans Canada (DFO).
- **October 11, 2013**
Additional Information was provided by Stantec (Proponent's Representative).
- **November 19, 2013**
NWB determined that the Application could proceed to the next steps in the NWB's regulatory process and invited parties to complete a full technical assessment of the Application.

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Procedural History of Water Licence Amendment Application



- **November 19, 2013**
NWB asked parties to make written representations to the NWB by December 19, 2013

Week of January 13th 2014 was Previously set for a Technical Meeting and Pre-Hearing Conference (TM/PHC) in Rankin Inlet
- **December 18, 2013**
NWB received comments from AANDC
- **December 20, 2013**
NWB confirmed the dates for TM/PHC as January 14 & 15, 2014 in Rankin Inlet
Parties were asked to confirm their attendance at the TM/PHC by January 9, 2014
- **January 9, 2014**
AANDC confirmed its attendance

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Procedural History of 3AM-GRA1015 Water Licence Amendment Application



- **January 14, 2014**
NWB staff held the Technical Meeting and Community Meeting.
- **January 15, 2014**
NWB held Pre-Hearing Conference.
- **January 28, 2014**
NWB issued a Pre-Hearing Conference decision, in which it set a deadline for the receipt GN-CGS responses to commitments made during the TM/PHC.
- **February 7 and May 9, 2014**
GN-CGS and Stantec provided additional documents in response to the Commitments accepted during the TM/PHC.

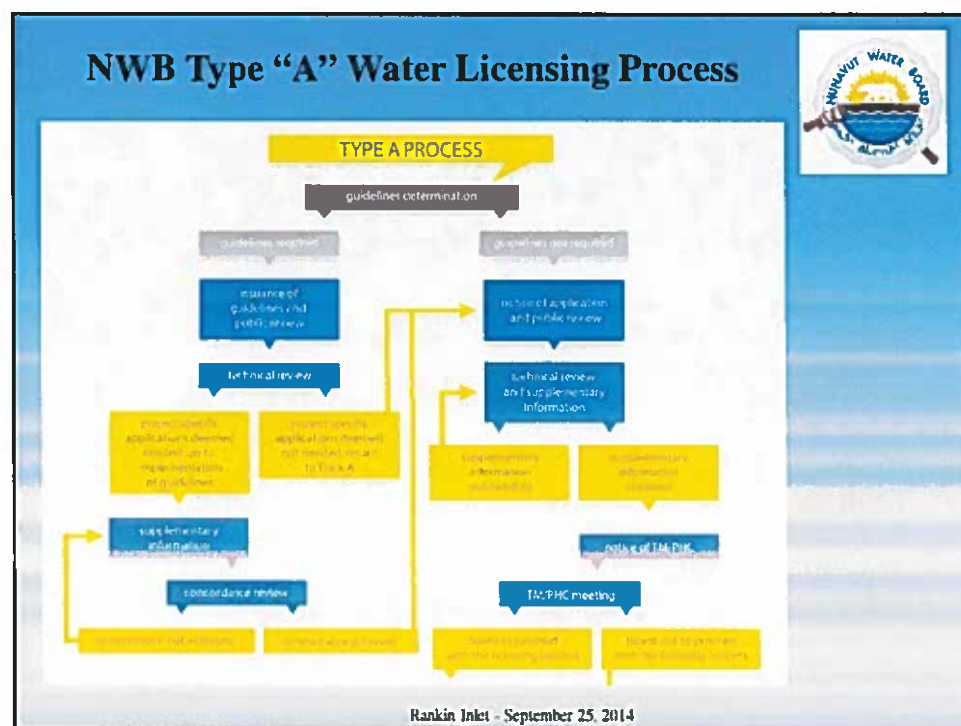
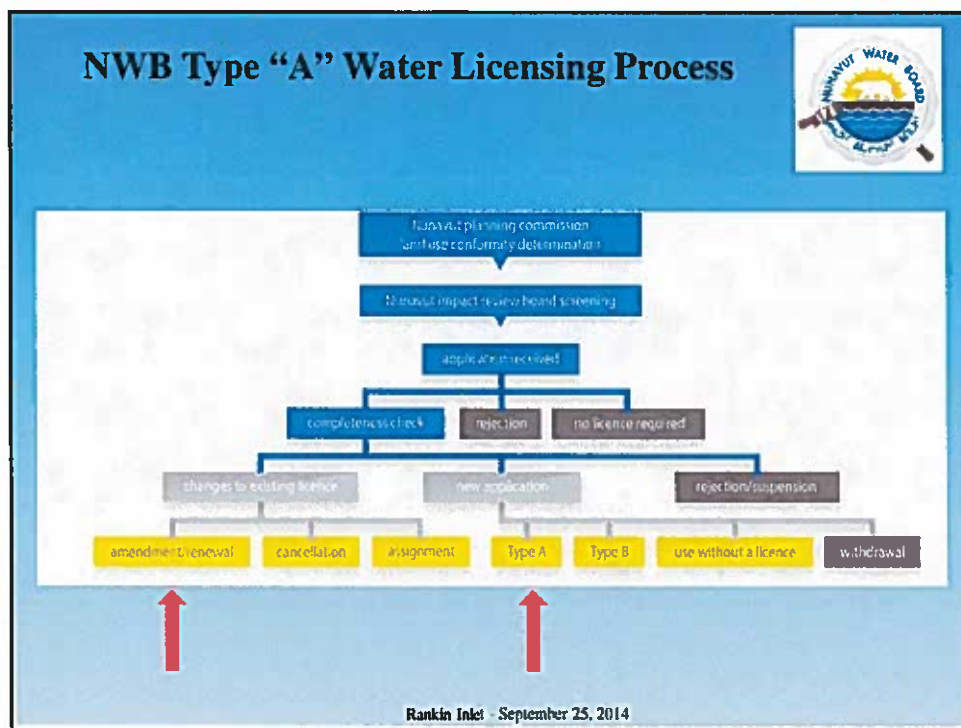
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Procedural History of 3AM-GRA1015 Water Licence Amendment Application

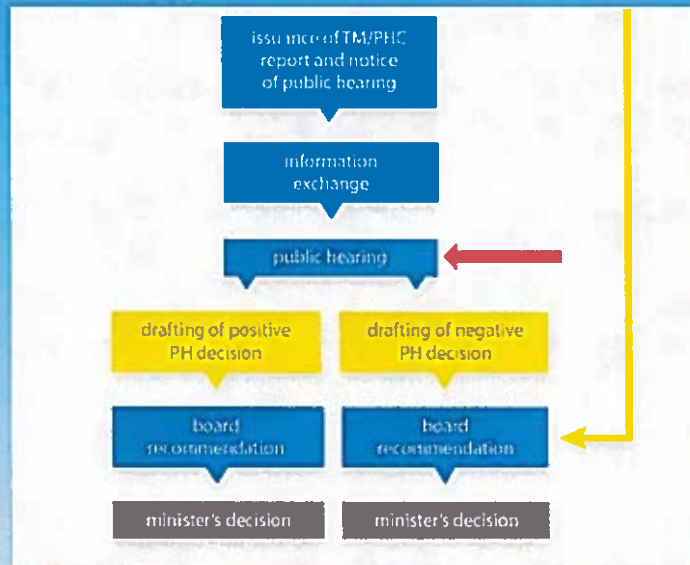


- **June 26, 2014**
Nunavut Impact Review Board (NIRB) issued its Screening Decision Report with Project-specific terms and conditions.
- **July 4, 2014**
NWB issued the Notice of Public Hearing (PH) in which set deadlines for final submissions from Parties and Applicant and dates for the PH.
- **August 28, 2014**
NWB received written submissions for the PH from AANDC.
- **September 11, 2014**
NWB received written submissions for the PH from Applicant.

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NWB Type "A" Water Licensing Process



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Next Steps in the NWB Process



- **September 25-26, 2014**
 - Public Hearing for the Hamlet of Rankin Inlet Water Licence Amendment.
- **Following the Public Hearing**
 - the NWB will make its decision that will be issued to the Minister of AANDC for approval/or not, and should an amendment be issued, a draft amendment for the Licence will accompany the decision.

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Objectives of Tonight's Community Meeting



- Provide the opportunity for community members to meet face-to-face with the Applicant and other stakeholders as well as provide feedback on the application that is before the Board;
- Listen and note the concerns and views that community members may have with respect to the Application and to answer relevant questions from the community; and
- To provide a consultation opportunity and general information on the Nunavut Water Board and process.

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Additional Information



- NWB Water Licence Application Process Guides (1 to 7)
- NWB Rules of Practice and Procedures for Public Hearing
- NWB Website: www.nwb-oen.ca

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Contact Information



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Questions?
Comments?

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