



Nunavut Water Board (NWB)

Community Session Presentation

**Regarding an Application
for Amendment to**

**Type “A” Water Licence
2AM – BRP1831
Back River Project**

Nunavut Imaligiyyit Katimayit (NWB)

Nunalikni Katimaniq Hatqiqtitat

**Pitjutauyuq Turhiktutauyumik
Ihuarhautikhanik haffuma**

**Qanugittunia “A” Imaqmun Laisa
2AM – BRP1831
Hanningayuq Havanguyuq**



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Tuhagakhat
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NWB Background Information

NWB-kut Unniqtutit Tuhagakhat

The NWB

- is an Institution of Public Government (IPG) established under Article 13 of the *Nunavut Agreement*
- has responsibilities and powers over the regulation, use, and management of freshwater in the Nunavut Settlement Area

Tapkuat NWB-kut

- Inungnut Kavamagiyauqatauyut (IPG) pinguqtauyut malikhugit Nakataani 13 tapkunani *Nunavutagutitut Angigutit*
- Havalgit hakugiknilgitlu maligainut, atuqni, aulatauninutlu imigaulat imait Nunavutagauyup Iluani



NWB Background Information Cont.

NWB-kut Unniqtutit Tuhagakhat Huli

- Objects of the NWB are to provide for the conservation and utilization of freshwater in Nunavut, except in a national park, in a manner that will provide the optimum benefit from those waters for Nunavut's residents in particular and Canadians in general.
- Pinahuaqtai tapkuat NWB-kut piqaqtitninik atuqtitnilu imait Nunavutmi, kihimiungittuq nunaqyuaqmi minnguiqhiqvikni, piplugit piqagutauninut nakuuniqhamik ihuaqutauni tahapkunanga imait Nunavutmi nunaliuyunut piluaqtumik Kanatamiutlu tamaitnut.



Authorizations NWB may Issue

Pilagutit NWB-kut Tunilaqtai

- Based on its mandate and Nunavut Waters Regulations (*Regulations*), the NWB may issue any of the following authorizations for the use of water and/or deposit of waste for undertakings in Nunavut:
 - Authorization without a Licence (less than 50 m³ per day water required)
 - Angugutit Laisaittumik (avvatquhimangitpata 50 m³ atauhikmi ubluani piyagiakakningitnik)
- Piplugit havagiyaqaqtai tatvalu Nunavumi Immautaitnik Maligait (Maligait), tapkuat NWB-kut tunilaqtai tahapkuat pilagutit atuqninut imait tamnalu/tamnallunit iqaqni iqakut havagiyaayunut Nunavutmi:



Authorizations NWB May Issue Cont.

Pilagutit NWB-kut Tunilaqtai Huli

- Type “B” Water Licence
(between 50 m³ and 299 m³
per day water required)
- Type “A” Water Licence
(300 m³ or more per day
water required)
- This week’s Public Hearing is
for a Type “A” Water Licence
application
- Qanugittunia “B” Imaqmun Laisa
(akungani 50 m³ tatvalo 299 m³
atauhikmi ubluani
piyagiaqaqninganik)
- Qanugittunia “A” Imaqmun Laisa
(300 m³ uvalunin avatqulugu
atauhikmi ubluani immap
piyagiaqaqninganik)
- Uumani havaguhigmi Pitquhiliqutit
Katimaniq
Naalaktitiniahaqtitlugitlu katimani
taphumunga Qanugittunia “A”
imaqmun laisa tukhigaut



NWB Type “A” Licensing Process

NWB-kut Qanugittunia “A” Laisaliginiq Pityuhiq

NWB receives application and confirms classification of undertaking and type of licence as a Type “A” licence
NWB-kut pitaqtat tukhigaut naunaiqtatlu qanugittunia havanguyuq qanugittunialu laisa tamnaunia Qanugittunia “A” laisa

Applicant provides additional information if required
Tukhigaut piqaqtitai ilagiagutit tuhagakhat piyaqaqata

NWB conducts concordance review
NWB-kut havagiyai malikhaqninut naunaiyaqni

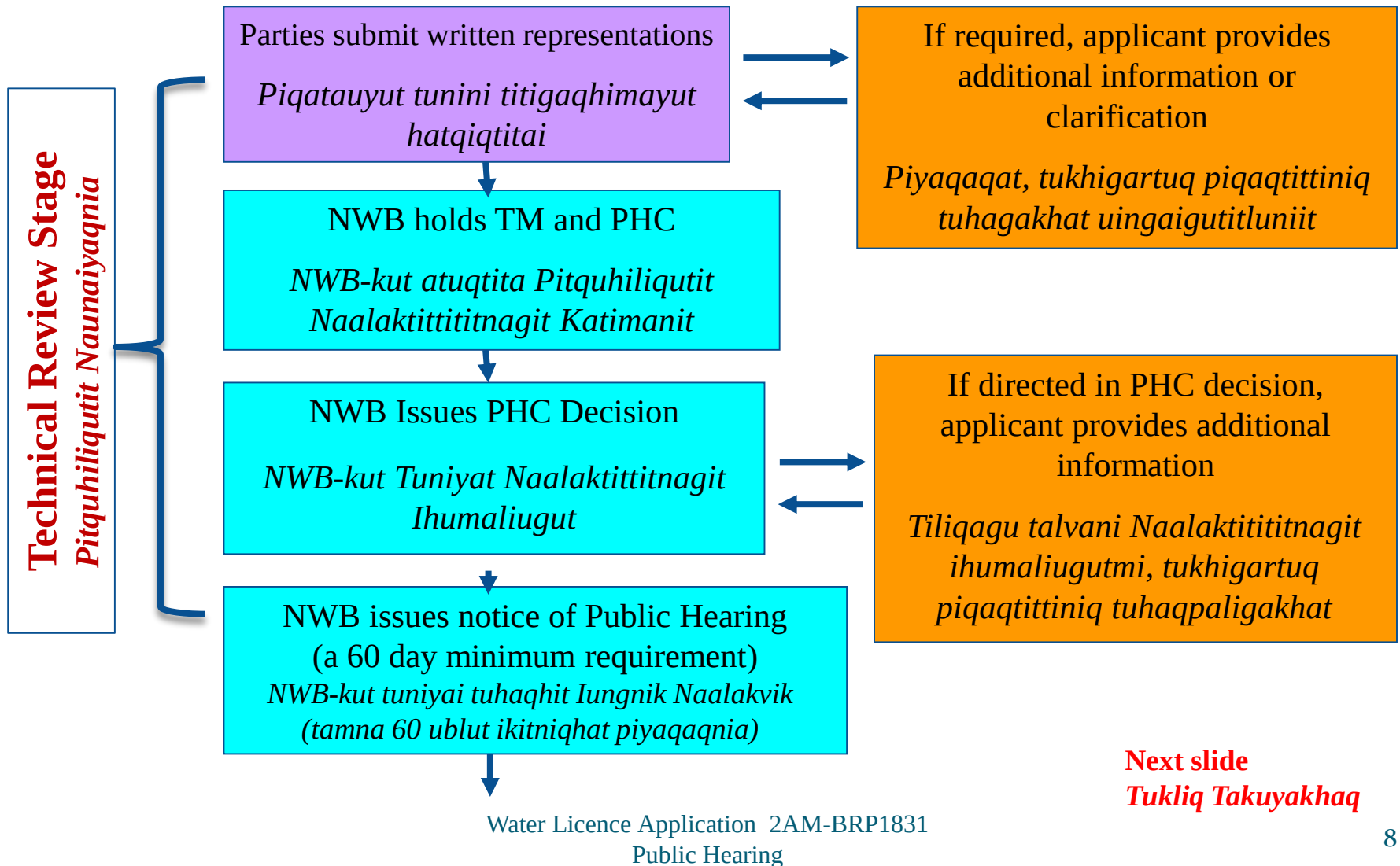
NWB issues notice of application and requests technical review and submission of comments (30 days minimum)
NWB-kut tuniyai tuhaqhitit tukhigautmun tukhiqtailu pitquhiliqutit naunaiyaqni tuniyaunilu uqauhit (30 ublut ikitniqhamik)

Next slide
Tukliq takuyakhaq



NWB Type “A” Licensing Process

NWB-kut Qanugittunia “A” Laisaliginiq Pityuhiaq





NWB Type “A” Licensing Process *NWB-kut Qanugittunia “A” Laisaliginiq Pityuhiq*

Parties exchange written interventions
Piqatauyut himmiqtautai titigaqhimayut pityutit

Parties prepare for public hearing
Piqatauyut hannaiyaqni inungnik naalakvik

NWB holds Public Hearing
NWB-kut atuqtita Inungnik Naalakvik

Current Stage
Tatya Atuqta

NWB issues decision to approve of application and provides a draft licence to Minister of Northern Affairs
NWB-kut tuniyat ihumaliugut angiqnianik tukhigaut piqaqtitnilu uuktugut laisa talvunga Minihitauyuq

Minister approves the issuance of the licence

Minihitauyuq angiqta tuniyaunia tamna laisa

Minister does not approve the issuance of the licence

Minihitauyuq angigita tuniyaunia tamna laisa

NWB issues decision to not approve of application with reasons to Minister of Northern Affairs
NWB-kut tuniyat ihumaliugut angingitnianik tukhigaut pityutiqaqtitlugit Minihitauyumun

Minister approves of NWB decision

Minihitauyuq angigita tuniyaunia tamna laisa

Minister does not approve of NWB decision

Minihitauyuq angingita NWB-kut ihumaliuguta



Scope of Application

- Sabina is seeking approval for the following proposed changes:
- Extending Umwelt underground workings from 650m depth to 900m;
- Increasing the size of the Goose airstrip from 1,500 m by 47 m to 1,800 by 61 m;
- Increasing the size of the Marine Laydown Area (MLA) airstrip from 915m by 47m to 1,500m by 61m;
- Adding 500,000 litres of fuel storage on a new pad at the Marine Laydown Area;

Havakhait Tukhigautip

- Sabina-kut angiktauyumayut hapkuninga tukhiktutimingnik alangutirhaitnik:
- Tarhivaligumavlugu Umwelt-mi nunnap qitqagut havagiyaitnik 650m-nit natkani tatvunga 900m-nut;
- Tarhivaligumavlugu Goose-mi mittakviani 1,500m takininganik tatvunga 47m –nit ikkiktinganin 1,800m-nit 61m-nik;
- Angilivaliklugu angitinga uma Tariuqmi Ummitjat Tulaktakvirha (MLA) mittakvia 915m-nit ikkiktinga 47m 1,500m 61m-nik;
- Illavaliklugu 500,00 litres-nik urhuqjuaqaqvirhaq nutamik tungaviliuqlugu tatvani Tariukmi Tulaktakvighami;



Scope of Application Con't.

- Placing aggregate over approximately 15 km of rough terrain along the Winter Ice Road between the MLA and Goose site;
- Increasing water use at the Goose site from 468,000 m³ to 822,450 m³ annually;
- Increasing water use for ice road construction and maintenance from 675 m³ per km to 2,025 m³ per km;
- Increasing the volume of waste rock in the Waste Rock Storage Facility (WRSF) from 59 to 86.6 Mt with no change to the WRSF footprint;
- Adding the use of mined-out open pits for tailings storage;

Havakhai Tukhigautip Huli

- Illiurailutik Uappalianik 15 km takitigiyumik manniitpiaktumi Ukkiumi Apquhiukvikmik akungani MLA-mi Goose-milu;
- Attuqtarhaitnik immap Goose-mi 468,000 m³-min 822,450 m³-mun aipagiraiqpat;
- Atturhimaaklugit immakmik ukkiumi apquhiukvirhamik 675 m³ atauhikmik km tatvunga 2,025 m³ atauhik km;
- Angiklivaliklugu angitinganik attugaungitut uyaqqanik Attugaungitut Tutqumaviata Igluutaat (WRSF) 59-mit 86.6 Mt-mut alangurhimaituq una WRSF havarhaq;
- Illaliutiyumavlugit uyaraqhiuqviuhimayut kangani nunami aturumavlugit tutqumavirhat;



Scope of Application Con't.

- Replacing 3 temporary emergency shelters along the Winter Ice Road with permanent emergency camps;
- Adding 2 years to the Operations Phase of Project;
- Reducing process plant throughput from 7,000 tonnes per day to between 3,000 - 4,000 tonnes per day;
- Using small diameter flexible pipe for MLA desalination plant intake and discharge instead of approved permanent pipes; and
- Extending the MLA shoreline pad approximately to 41 m long, 9.5 m wide and 2 m in depth.

Havakhai Tukhigautip Huli

- Himauhiklugit pingahut uqqumavirhaitnik tahamani Ukkiumi Apquhiuqviata ingilgayangani iglutirhaitnik havaktut;
- Ilavaliklugit malguknik ukkiunik Havarhait;
- Mirhilaqlugu hannaviatni amigaitilangitnik 7,000 tonnes atauhiqmi ubluani aqungani 3,000-4000 tonnes atauhiqmi ublauni;
- Attutirhanik mikkiyumik kaimalugiqtuniq turhuanganik MLA-mi immariiktikviatni immiktakvikmin kuviviatni attungitlugit atturhaakturhanik turhuaknik;
- Tarhikanniklugu una MLA-mi hinnani tungavirhaq 41 m takkitigiyumik 9.5 m ikkikilugu 2 m naatqanut.



Application Procedural History

Tukhigautip Pityuhit Atuqhimani

➤ **October 13-15, 2020**

NWB received an Amendment Application from Sabina and distributed it for initial completeness check.

➤ **November 12-13, 2020**

NWB received preliminary technical comments from the KIA, CIRNA and the ECCC.

➤ **November 30, 2020**

Applicant provided responses to the comments submitted by the interveners

➤ **Aktupa 13-min 15-mun, 2020-mi**

NWB-kut tuniyauhimayut Ihuarhautikhanik Turhiktutikhanik tatvanga Sabina-kunin tuniurhakhimayait takuktauyurhat inirhimayakhaita.

➤ **Nuvaipa 12-13, 2020**

NWB-kut tuniyauhimayut hivulikpamik aullatjutirhaitnik ukkautauhimayunik tahapkunanga KIA-kunin, CIRNA-kunin ECCC-kunilu.

➤ **Nuvaipa 30, 2020**

Turhiktuiyut kiutjutiquagtut ukkauyauhimayunik kiutjutaitnik hapkua happuniaktiuyut.



Application Procedural History

Tukhigautip Pityuhit Atuqhimani

➤ **December 17, 2020**

NWB distributed the Application for a full public review with the deadline of January 29, 2021.

➤ **January 28-29, 2021**

NWB received technical review comments from the KIA, ECCC and CIRNA.

➤ **February 12, 2021**

NWB received and distributed Sabina's Responses to the Interveners' comments.

➤ **Disaipa 17, 2020**

NWB-kut tunihimayut Tukhigautimik kittunut kimilguraqhaitnik kiklikaklugu Januali 29, 2021-mi.

➤ **Januali 28-29, 2021**

NWB-kut tuniyauhimayut aullatjutirhanikkimilguqhimayunik ukkautaitnik KIA-kut, ECCC-kut CIRNA-kutlu.

➤ **Fapyuali 12, 2021**

NWB-kut tuniyauhimayut hatkitihimavlutiklu Sabina-kut Kiutjutaitnik hapkununga Happuniaktiuyut ukkautaitnik.



Application Procedural History

Tukhigautip Pityuhit Atuqhimani

- **March 12, 2021**
NWB distributed Sabina's Responses to the Interveners' comments on the Hydrodynamic and Water Quality Model.
- **March 26, 2021**
The NWB conducted a Technical Meeting and a Pre-Hearing Conference via video and audio conference.
- **April 19, 2021**
Pre-Hearing Conference report was issued and distributed to the distribution list.
- **Masi 12, 2021**
NWB-kut tunirhihimayut Sabinap Kiutjutaitnik Happuniatit ukkautaitnik Happutirhaniq Immaplu Immariqtunik Aturaqhanik.
- **Masi 26, 2021**
NWB-kut Aulatjutirhanik Katimapkaihimayut Katimakjuakutirhaniklu qungialiurutiquit nipiliurhimayuniklu katimangmata.
- **Appu 19, 2021**
Katimakjuakutirhanik_unipkanik tunirhihimayut attiliurhimayunut.



Application Procedural History

Turhiktutaita Aullatjutaitnik Iliitquhiit

- **April 19, 2021**
NWB published a Notice of Public Hearing
- **June 15-25, 2021**
NWB received and distributed the final written submissions of the interveners and the applicant.
- **July 5-6, 2021**
NWB received the PH presentations from all participants.
- **July 7, 2021**
NWB distributed a final agenda for the Public Hearing.
- **Appu 19, 2021**
NWB-kut tuhaktitihimayut Tuhagarhanik Innuknun Qaitquyahimayunutlu Katimapkaitjutirhanik
- **June 15-min-25-mun, 2021-mi**
NWB-kut tuniyauhimayut tuniurhaivlutiklu innirhimanunik kiutjutaitnik hapkua happuniaktit turhiuqtuiyunitlu.
- **July 5-min-6-mun, 2021-mi**
NWB-kut tuniyauhimayut hapkuninga PH unipkagiyauyunik piqatauyuniit.
- **July 7, 2021**
NWB-kut tunnihihimayut kinguliuniaktumik katimatjutirhanik Nalaktautitlugit Katimapkaitjutirhanik.



Sabina and Intervener Participation

Sabina-kut tatvalu Happuniaktut Ilautjutirhait

- Sabina, KIA, CIRNA and ECCC have all contributed to the review process for the Application:
 - Participated in formal and informal discussions aimed at resolving relevant issues
 - Provided the Board and the Proponent with valuable technical information (questions and concerns) on relevant issues
- Sabina-kut, KIA-kut, CIRNA-kut, ECCC-kutlu ikkayuqatauhimayut ihivgiurutikhaitnik Turhiutauyup:
 - Piqatauhimayut katimatjutiqaqtitlugit ihuarhautikhaitnik hapkua ihumalutauhimayut
 - Hatkitihimayut ukkua Katimayiit ukkualu Turhiutiqaqtut avatilikinikut tuhaktitjutirhaitnik (appikutinik ihumalutauyuniklu) ihumagiyaunyk uqqautiqarhutik



Public Participation

- Everyone is encouraged to participate in the PH and this community session
- Interested persons can also contact Richard Dwyer if needing to provide written comments or to review the documents filed for application
- All documents received have been posted on the NWB's FTP site at <ftp.nwb-oen.ca>

Inungnut Piqatauni

- Tamaqmik pinahuaquyauyut piqataunit tapkunani Pitquhiliqutit Katimaniq/Naalaktitititnagit Katimaniq unalu nunaliknut katimapkainiq
- Tuhaumaqatauyumayut inuit tugaqvigilaqtat una Richard Dwyer piqaqtitiyumagumik titigaqhimayunik uqauhit naunaiyaqniluniit tapkuat titiqat tuniyauyut tukhigautinut
- Tamaita titiqat hatqiqtitauhimayut talvani NWB-kut FTP qagitauyakkuviani <ftp.nwb-oen.ca>



Next Steps for the Type “A” Application

Tukliit Atuqtakhat taphuma Qanugittunia “A” Tukhigaut

- The Public Hearing this week is chaired by the Board Panel and led by the Board's Chair
- The NWB Panel is here to consider the evidence provided during the hearing before issuing a decision in about 30-45 days
- The NWB will inform the public of the Board's decision once rendered
- Hamna Naalaktautitlugit Katimania tatvani pingiaknikmi irhivautaniaktut Katimayiita Irhivautagiyat
- Ukkua NWB-kut Katimayiit naalaklutik ihumarhutiginiaktait hapkua uqqautauhimayut tatvani naalaktautitlugit katimanianit ihumaliutinnatik akkungani 30-nik-45-nut ublunnik
- Ukkua NWB-kut tuhaktittiniaktut tatqani inuknik ukkua Katimayiuyut ihumaliuqutaitnik innirhimaliqqata



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Questions and Comments

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Apiqutit tamnalu/tamnaluniit Uqauhit

Thank You!
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Quanaqutin!