Environment and Climate Change Canada | Environnement et Changement climatique Canada

Whale Tail Pit Expansion Project
Presentation to the Nunavut Water Board
by Environment and Climate Change Canada
ᐊᒪᑭᖅ ᓄᓇᒥᑦ ᐃᓚᑦᑐᖅᓯᒪᔨᖏᑦᑎᑦ ᐊᖏᑭᒃᑕᑭᐊᖅᓯᓂᖅᓴᑦ ᐱᑕᕆᐊᖅ ᑕᑯᖃᓕᖅᑎᑦᑎᓂᖅ ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᓕᓂ ᑲᑎᒪᔨᒃᑯᑦ ᐊᓯᐊᑎᑕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᐊᓯᐊᖓᔪᖅᑕᐅᓯᒪᓂᖅ (ECCC)

2AM-WTP1826 / 2AM-MEA1526 / 2BB-MEA1828 - Public Hearing/
ᐃᓄᓚᒃᑖᓂᒃ ᑐᐃᑎᑦᑎᓂᖅ

February 12 to 13, 2020 - ᕿᕐᕕᐊᒃ 12-ᒥᑦ 13-ᔪᑦ, 2020

Baker Lake, NU / ᖃᒪᓂᑦᑐᐊᖅ, ᓄᓇᕐᑦ

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ᓱᓕᓕᐅᖅᑎ – ᐃᒪᐅᑦ
ᖃᒃᓄᐃᓐᓂᖏᓄᑦ
ᖃᐅᓗᒪᓂᖃᖅᓯᔪᑦ ᐃᑲᔪᖅᑎ

Canada

OVERVIEW ᖁᓄᐃᓕᓐᐅᖅᑎᐅᓂᖅᑎᑦ

- Mandate
- Relevant Acts and Regulations
- Status of Environment and Climate Change Canada’s Concerns
- Technical Comments and Recommendations

- ᐱᓕᕆᐊᒃᓴᖅᑎᑦ
- ᐊᑐᖅᑕᐅᔪᒃᓴᑦ ᐱᖁᔭᐃᓪᑦ ᐊᒪᓗ ᒪᓕᕐᓂᓪᑦ
- ᐊᓂᑎᓕᕆᔨᑦ ᐊᒻᒪ ᓯᓚ ᐊᓯᔾᔨᖁᓂᖓ ᑲᓇᑕ ᐃᓯᒪᓗᑎᒋᔭᖅᑎᑦ
- ᐱᓕᐊᕆᐊᒧᑦ ᓂᕐᓕᐅᑕᐅᔪᑦ ᐊᒻᒪ ᖁᓄᐃᓕᓐᐅᕐᔪᐊᓂᖅ

ENVIRONMENT AND CLIMATE CHANGE CANADA'S MANDATE

ᑲᓇᑕᒥᑦ ᐊᓯᑎᓕᓵᕆᔨᒋᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᖏᓐᓂᑦᑕᐃᓕᓵᕆᔨᒋᑦ ᐱᖅᓴᐅᑎᖓ

- The preservation and enhancement of the quality of the natural environment, including water, air and soil quality, and the coordination of the relevant policies and programs of the Government of Canada
- Renewable resources, including migratory birds and other non-domestic flora and fauna
- Meteorology
- The enforcement of rules and regulations

- ᐊᓯᐅᔨᑦᑕᐃᓕᓂᖅ ᐊᒻᒪᓗ ᐱᐅᓯᑎᐊᖅᓯᓂᖅ ᖃᓄᐃᖓᓂᖓᑕ ᓄᓇᐅᔭᐠ, ᐃᓕᐅᑉᓗᑎᒃ ᐃᒪᖅ, ᐊᓂᖅᓴᖅᑐᖅᑕᐠᑕ ᐊᒻᒪᓗ ᐃᐠᔭᐠ ᖃᓄᐃᓐᓂᖓ, ᐊᒻᒪᓗ ᑎᓯᓗᐊᕐᓂᖏᑦ ᑲᓇᑕᒥᑦ ᓴᖅᓭᒃᓯᑦ ᑕᒪᒃᓯᓄᖓ ᐊᑐᐊᖃᖏᑦ ᐊᒻᒪᓗ ᑐᕐᖃᓴᕐᖏᑦ
- ᐊᑐᖅᑕᐅᒃᖢᓂᔪᓇᖅᑐᑦ ᐱᐢᕃᐅᖃᖅᑕᑦ, ᐃᓕᐅᑉᓗᑎᒃ ᑎᑭᑦᑕᖅᑐᑦ ᑎᓪᓗᐊᑦ ᐊᔪᖏᓪᓗ ᑕᒧᓂᕐᔪᐊᕐᓇᖅᑐᑦ ᐊᒻᒪᓗ ᓄᓇᒥᑦ
- ᔪᓚᓪᕆᓂᖅ
- ᐊᑐᖅᑕᐅᑎᑦᑎᓂᖅ ᒪᓪᖃᓂᒃ ᐊᒻᒪᓗ ᒪᓪᖃᕐᓕᓂᒃ

RELEVANT ACTS AND REGULATIONS

ᑕᒪᑲᑯᓇᖏᓐᓄᑦ ᐱᖁᔭᐃᓕᑦ ᐊᒻᒪᓗ ᒪᓕᓚᕆᓯᒪᔪᑦ

- *Department of the Environment Act*
- *Canadian Environmental Protection Act*
- *Fisheries Act* – Pollution Prevention Provisions
- *Migratory Birds Convention Act*
- *Species at Risk Act*

- ᐊᐢᕐᑎᓕᓴᐅᔭᕐᒪᑦ ᐱᖁᔭᖅ
- ᑲᓇᑕᒥᑦ ᐊᐢᕐᑎᑎᒃ ᒥᐊᓂᖅᓯᓂᕐᒪᑦ ᐱᖁᔭᖅ
- ᐃᖅᓗᓕᓴᐅᔭᕐᒪᑦ ᐱᖁᔭᖅ - ᐱᐅᖏᑦᑐᖅᑕᖅᑕᐃᓕᓴᕐᓂᕐᒪᑦ ᒪᓕᒐᐃᑦ ᐃᓗᐊᓂᑦᑐᑦ
- ᑎᑭᑦᑕᖅᑐᑦ ᑎᖏᒥᐊᓕᓴᐅᔭᕐᒪᑦ ᐱᖁᔭᖅ
- ᐅᒪᔨᑦ ᐅᓗᓴᐊᓇᖅᑐᐃᑦᑐᑦ ᒥᒃᓴᓂᑦ ᐱᖁᔭᖅ

TECHNICAL COMMENTS ᐱᓕᓀᐊᕐᒧᑦ ᐅᖃᐅᓯᐅᔾᔪᑦ

Current status of ECCC Technical Comments ᐃᓐᓇᐅᔾᔪᖅ ᖃᓄᐃᖏᓕᖏᓐᓄᑦ ᑲᓇᑕᒥᑦ ᐊᐢᑎᑎᓕᓀᓴᐅᑯᑦ ᐊᓘᒪᓗ ᓯᓚᐅᐳᑦ ᐊᓯᐊᖏᔪᖅᐸᑦᓕᐊᔾᔨᓕᓀᓴᐅᑯᑦ (ECCC) ᐱᓕᓀᐊᕐᒧᑦ ᐅᖃᐅᓯᖏᑭᓂᓕᑦ (TC)

Comment ᐅᖃᐅᓯᖅ	Topic ᐅᖃᐅᓯᐅᔾᔪᖅ	Status ᖃᓄᐃᖏᓕᖅ
ECCC- TC1	Flooded Pit Reconnection ᐃᒪᒥᖅᑐᖅᑕᐅᔾᔪᖅ ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᔾᔪᖅ ᑲᑎᑎᓂᓕᐊᕐᓗᒍ	Partly resolved (ECCC FC 1) ᐃᓕᖏᒐᒍᑦ ᐊᐸᖅᑭᑕᐅᔾᔪᖅ
ECCC-TC2	Closure of Groundwater Storage Ponds ᐅᓴᐸᐊᖅᐸᑦᓕᐊᓂᖅ ᓄᓇᒥᑦ ᐃᒪᒋᑎᓴ ᑐᖅᐸᖅᓯᓯᒪᓂᕐᒧᑦ ᑕᓯᕐᕿᐃᑦ	Resolved with commitment ᐊᐸᖅᑭᑕᐅᔾᔪᖅ ᐱᓂᐊᕐᓂᖃᖅᓱᑎᓴ
ECCC-TC3	Removal of Seepage from Model Inputs ᐋᖅᑕᐅᓂᖏᓐ ᐞᐃᓂᖃᖅᑐᖅ ᐊᐸᖅᑭᐅᒪᔾᔪᑦ ᐱᓴᐅᔾᔨᓂᓴ	Resolved ᐊᐸᖅᑭᓴᖅ
ECCC-TC4	Wet Climate Years – Water Management Plan ᖃᐅᓯᕐᓂᖃᖅᑐᑦ ᓯᓚᒥᑦ ᐅᑭᐅᖏᔪᑦ – ᐃᒪᒋᑎᓴ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ	Partly Resolved (ECCC FC 12)

TECHNICAL COMMENTS ᐱᓕᓀᐊᕐᒧᑦ ᐅᖃᐅᓯᐅᔾᔨᑦ

Current status of ECCC Technical Comments ᐃᓐᓇᐅᔾᔨᖅ ᖃᓄᐃᖏᓕᖏᓐᓕᑦ ᑲᓇᑕᒥᑦ ᐊᕙᑎᓕᓀᓴᐅᑉᑯᑦ ᐊᓪᒪᓗ ᓯᓚᐅᐸᑦ ᐊᓯᐊᖅᓯᒪᖅᓴᓕᓀᓴᐅᑉᑯᑦ (ECCC) ᐱᓕᓀᐊᕐᒧᑦ ᐅᖃᐅᓯᖏᑐᓂᓕᑦ (TC)

Comment ᐅᖃᐅᓯᖅ	Topic ᐅᖃᐅᓯᐅᔾᔨᖅ	Status ᖃᓄᐃᖏᓕᖅ
ECCC-TC5	Landfarm Management Plan ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᔾᔪᓂᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᖏᓇᐅᑎ	Resolved ᐊᑦᑭᒃᑐᖅ
ECCC-TC6	Landfarm Acceptance Criteria ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᓂᒃ ᓇᓚᒃᓴᖏᓂᕐᒧᑦ ᐊᑦᑭᑭᐅᒪᔾᔨᖅ	Resolved ᐊᑦᑭᒃᑐᖅ
ECCC -TC7	Active Layer Depths ᐊᐅᓚᓂᓂᖅᖄᑦ ᐃᓚᖏᑦ ᖃᓕᓴᒃᑐᑦ ᐃᑎᓂᖏᑦ	Resolved ᐊᑦᑭᒃᑐᖅ
ECCC-TC8	Water Quality Monitoring and Management Plan for Dike Construction and Dewatering (Errata) ᐃᒪᐅᔨ ᖃᓄᐃᓂᓂᖓᓄᑦ ᖃᐅᔨᓕᐊᖃᑦᑕᖏᓂᕐᒧᑦ ᐊᓚᒪᓗ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᖏᓇᐅᑎ ᐃᒪᖏᑦ ᐊᓂᓗᓕᕆᓂᕐᒧᑦ ᐊᓚᒪᓗ ᐃᒪᐃᓴᐃᓂᕐᒧᑦ (Errata)	Resolved ᐊᑦᑭᒃᑐᖅ

FINAL COMMENTS (FC)
ᑭᓇᔪᓕᕐᓂᖅᓴᓪᓕ ᐅᖃᐅᓯᐅᔾᔨᓪᓕ (FC)

- On December 20, 2019, ECCC received additional information and documents from the proponent related to the technical meeting commitment list.
- Given the short time to review and discuss this updated information with the proponent, ECCC has provided final review comments which incorporate our review of the new information.

- ᑎᓯᐱᓗ 20, 2019-ᒥᓪ, ᑲᓇᑕᒥᓪ ᐊᕐᕈᑎᓕᓚᐅᓂᖅ ᐊᓱᒪᓗ ᓯᓚᐅᔾ ᐊᓯᐊᓇᐯᖅᓴᕐᓕᓂᖓᓪᓕᒧᓪ ᑐᑭᓯᐅᒪᔭᕐᓂᖏᓪᓂᐅᓪ ᐱᓕᕐᓂᐊᓕᖓᓪᒥᓪ ᐱᓕᐅᖅᑐᓪ ᐊᓱᒪᓗ ᑎᑎᖅᑲᐅᑎᓂᐅᓪ ᐱᔭᕐᑎᖅᑲᖅᑐᓂᐅᓪ ᐱᓕᓂᐊᔾ ᑕᐃᓴᖅᑭᑎᓪᓕᒥᓪ ᐱᔭᓪ ᐱᓂᐊᓪᓂᓚᐅᔭᓂᓪ ᑎᑎᕋᖅᓯᒪᔭᓂᓪ.

- ᓇᐃᔅᑐᑎᓪᓗᒍ ᖃᒥᓂᔪᐅᓂᐊᓪᓂᖏᓪ ᐊᓱᒪᓗ ᐅᖃᐅᓯᓂᓚᑦ ᑕᐠᑯᐊᓂᒪᑦ ᐅᐠᓗᒍ ᐅᔾᓗᒥᒧᓪᓕᒧᓪ ᑐᑭᓯᐅᒪᔭᕐᓂᖏᓪᓂᐅᓪ, ᑲᓇᑕᒥᓪ ᐊᕐᕈᑎᓕᓚᐅᓂᖅᓴᓪᓕ ᐊᓱᒪᓗ ᓯᓚᐅᔾ ᐊᓯᐊᓇᐯᖅᓴᕐᓕᓂᖓᓪᓕᒧᓪ ᑐᓂᓯᓚᐅᖅᑐᓪ ᐅᖃᐅᓯᓪᓕᒧᓪ ᐃᓕᓴᕐᓂᐅᑎᓯᓕᓂ ᖃᒥᓪᔨᐅᓪᓕᒧᓪ ᐅᖃᐅᓯᓪᓂᖓᓪ ᐃᓕᓴᕐᓂᐅᓪᓕᒧᓪ ᑐᑭᓯᐅᒪᔭᕐᓂᖏᓪᓂᐅᓪ ᐱᔭᕐᑎᖅᑲᖅᑐᓂᐅᓪ ᐱᓕᓂᐊᔾ ᑕᐃᓴᖅᑭᑎᓪᓕᒥᓪ ᐱᔭᓪ ᐱᓂᐊᓪᓂᓚᐅᔭᓂᓪ ᑎᑎᕋᖅᓯᒪᔭᓂᓪ.

FINAL COMMENTS (FC)
ᑭᖅᔪᓪᓗᖅᓴᓪᓕ ᐅᖃᐅᓯᐅᔾᔨᓪᓕ (FC)

- FC-1 to FC-11 relate to the Interim Closure & Reclamation Plan;
- FC-12 pertains to the Technical Memorandum Effects of Wet Year Scenarios on Water Management
- FC-13 relates to the Technical Memorandum Mixing zone boundaries in Mammoth Lake and Whale Tail Lake (South Basin);
- FC-14 & FC-15 refer to the Draft Water Licence

- ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 1-ᒥᓪ ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 11-ᔪᓪ ᐱᓴᕐᓂᖃᖅᑐᓪ ᐅᑲᔨᐊᖅᓴᓪᓚᐊᓂᕐᔪᓪ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑌᓂᕐᔪᓪ ᓴᖅᓇᐅᑎᒥᓪ
- ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 12 ᐱᓴᕐᓂᖃᖅᑐᖅ ᐱᓪᓚᐊᕐᔪᓪ ᐃᖃᐅᒪᓴᕐᓂᒃ ᖃᓄᐃᖅᓯᓪᓚᖅᑎᓪᓂᕐᓂᓄᓪᓕᓪ ᖃᐅᓯᕐᓂᖃᖅᑐᓪ ᐅᑭᐅᓂᓪ ᖃᓄᐃᓪᐅᑕᐅᔾᔨᓇᖅᑐᓂᓄᑦ ᐃᒪᕐᒥᒃ ᐊᐅᓪᓚᖅᑎᓂᕐᔪᓪ
- ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 13 ᐱᓴᕐᓂᖃᖅᑐᖅ ᐱᓪᓚᐊᕐᔪᓪ ᐃᖃᐅᒪᓴᕐᓂᒃ ᐊᑯᓴᓪᓚᖅᑐᐃᓂᕐᔪᓪ ᐃᓂᐅᔾᔨᓄᓪᓕ ᑭᓚᓪᐅᔾᔨᓂᓄᑦ
ᐄᒪᓪ ᑕᓯᕐᒥᓪ ᐊᒻᒪᓗ ᐊᒪᑭᕐᒥᓪ ᑕᓯᕐᒥᓪ (ᓂᒋᐊᓂᓪ ᐃᒪᖅ)
- ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 14 ᐊᒻᒪᓗ ᑭᖅᔪᓪᓗᖅᓴᖅ ᐅᖃᐅᓯᖅ 15 ᐱᓴᕐᓂᖃᖅᑐᓪ ᐅᖅᑐᑕᐅᔾᔨᖅ ᐃᒪᕐᔪᓪ ᓪᐃᓴᖅᓯᒋᖅ

Thank you ᖁᐻᖅᓀᒋᑦᑐᖅ