



December 19, 2023

DISTRIBUTION LIST

Engagement Plan v.2.0 for Renewal of Land Use Permit W2016J0008 - Tundra Ecosystem Research Station, Daring Lake

Please accept this letter and attachment as the Engagement Plan submission for section 19 of the Land Use Permit Application Package, associated with the renewal of the above referenced Land Use Permit for the Tundra Ecosystem Research Station (TERS) located at Daring Lake.

The permit is currently expired as of November 3, 2023. A renewal would render it valid until November 2028. Currently a Storage Authorization is in place until a new Land Use Permit can be granted to support continuing land use activities at TERS.

Please direct any comments or concerns with respect to the permit renewal to Colin Modeste-Burgin, TERS Camp Manager, at Colin_Modeste-Burgin@gov.nt.ca

Sincerely,

Heather Sayine-Crawford
Director
Wildlife Management Division

Attachments:

- ✓ Land Use Permit Application Form
- ✓ Spill Contingency Plan - v.4.0
- ✓ Waste Management Plan - v.3.0
- ✓ Project Details Plan
- ✓ **Engagement Plan - v.2.0**
- ✓ Engagement Summary & Record



Engagement Plan

Tundra Ecosystem Research Station

Daring Lake, NWT

Version 2.0

GNWT-ECC-Wildlife Division

TERS- Daring Lake, NWT

W2016J0008

Nov 2023

Summary

This engagement plan associated with the renewal of the land use permit W2016J0008 for the Tundra Ecosystem Research Station (TERS) attempts to ensure that relevant organizations are informed and provided opportunity for comment and input into the application and ongoing operations at TERS. The plan attempts to be consistent with and meet the intent of the MVLWB Engagement Guidelines.

The Department of Environment and Climate Change (ECC), Government of Northwest Territories (GNWT) recognizes that TERS is situated within the Wek'èezhìi management area defined in the Tłı̄chǫ Agreement and within areas of overlapping interests from adjacent Indigenous governments and Indigenous organizations. As such, we recognize the importance and necessity of engaging with these organizations on the long-term operation of TERS as well as the overall research and monitoring priorities for the station.

Due to the location of operations at TERS, the Wek'èezhìi Land and Water Board (WLWB) requires that the following parties are to be engaged and consulted with:

- Tlı̄cho Government
- NWT Treaty 8 Tribal Corporation – Akaitcho Interim Measures Agreement Implementation Office
- Kitikmeot Inuit Association
- North Slave Metis Alliance
- Yellowknives Dene First Nation
- Deninu Kue First Nation
- Lutsel K'e Dene First Nation
- Wek'èezhìi Renewable Resource Board
- GNWT – Prince of Wales Northern Heritage Centre
- GNWT – ECC, Regional Superintendent of the North Slave Region
- GNWT – ECC, Wildlife Biologist

Revision History

Version #	Date	Section	Revision
1.0	2016	All	<ul style="list-style-type: none"> Submitted and approved with renewal application associated to LUP W2016J0008
2.0	Nov 2023	General	<ul style="list-style-type: none"> Updated plan format Added Summary Added revision history, conformity table, and Acronyms tables
		1.0 – 1.6	<ul style="list-style-type: none"> Added Intro, project and contact information. Added effective date and revisions section. Added distribution list. Added project and site description.

Conformity Table – WLWB and Associated Parties

Date	Organization	Topic
Oct 24, 2023	Wek'èezhìi Land and Water Board	General
Source	GNWT-ECC - TERS - LUP Application - Deemed Incomplete - Oct 24 23.pdf (mvlwb.ca)	
Recommendation		
<ul style="list-style-type: none"> Engagement plan, log, and summary should be separated and submitted in PDF format. Add cover letter, cover page, revision history table, and conformity table 		
Proponent Response		
Added/revised sections of plan		

Acronyms

Term	Definition
AIMA	Akaitcho Interim Measures Agreement Implementation Office
DKFN	Deninu Kue First Nation
ECC	Department of Environment and Climate Change
GNWT	Government of Northwest Territories
KIA	Kitikmeot Inuit Association
LKDFN	Lutsel K'e Dene First Nation
LUP	Land Use Permit
MVLWB	Mackenzie Valley Land and Water Board
NSMA	North Slave Metis Alliance
TERS	Tundra Ecosystem Research Station
TG	Tlicho Government
WLWB	Wek'èezhìi Land and Water Board
WRRB	Wek'èezhìi Renewable Resource Board
YKDFN	Yellowknives Dene First Nation

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1.0 Introduction

This Engagement Plan has been developed for the Tundra Ecosystem Research Station (TERS), located at Daring Lake, at 64° 52'N, and 111° 35'W. TERS is operated by the Department of Environment and Climate Change (ECC), Government of the Northwest Territories (GNWT).

The overall purpose of this engagement plan is to describe how TERS proposes to engage affected parties relevant to any land use permit applications whether that is renewals, extensions, updates, and/or storage authorizations.

The renewal application to the Wek'èezhì Land and Water Board (WLWB) for a Type A Land Use Permit associated with W2016J0008 will be in support of continuing land use operations of the Tundra Ecosystem Research Station (TERS) to educate, promote and support scientific research in the sub-arctic.

1.1 Project and Contact Information

Contact Information

Name:	Heather Sayine-Crawford		
Position:	Director, Wildlife Management Division		
Company Name:	Environment and Climate Change, Government of the Northwest Territories		
Mailing Address:	PO Box 1320		
Community:	Yellowknife	Telephone:	867-767-9237 ext. 53230
Prov/Terr:	NWT	Email:	Heather_Sayine-Crawford@gov.nt.ca
Postal Code:	X1A 2L9	Other:	

Project Information

Project Name:	Tundra Ecosystem Research Station (TERS)		
Department	GNWT – Environment and Climate Change – Wildlife Management Division		
Location:	Daring Lake, NWT	Region:	North Slave
Coordinates:	64°52'N, and 111° 35'W.	Operation Date:	May – September
TERS On-site Manager:	Colin Modeste-Burgin		
Email:	Colin_modeste-Burgin@gov.nt.ca	Phone:	867-446-5995
On-site Sat Phone:	011-8816-315-64342	Land Use Permit:	W2016J0008 Expires: 03-Nov-2023

1.2 Effective Date of Engagement Plan

The current version of the engagement plan, associated with the Land Use Permit W2016J0008 will remain active. This version of the Plan – **Engagement Plan v.2.0** will be effective once a new land use permit is granted and replace the previous version.

1.3 Revisions to Engagement Plan

The most recent revision occurred in November 2023, please see revision history and the conformity tables on page pg. ii. Revisions are made by the GNWT- Wildlife Management Division. Updates will occur in response to any comments made from the Wek'èezhì Land and Water Board and involved parties of the Tundra Ecosystem Research Station, see conformity table on pg. ii, of this engagement plan for any related updates. This plan is reviewed annually, and approved permits are displayed on-site.

1.4 Distribution List

Due to the location of operations at TERS, the Wek'èezhì Land and Water Board (WLWB) identifies that the following parties are to be engaged and consulted with regarding the Land Use Permit Renewal Application associated to LUP – W2016J0008

Representative(s)	Association
Ryan Fequet Anneli Jokela Roberta Judas	Wek'èezhì Land and Water Board (WLWB)
Violet Camsell-Blondin	Tlichò Government
Stephanie Poole	NWT Treaty 8 Tribal Corporation – Akaitcho Interim Measures Agreement Implementation Office
Tannis Bolt	Kitikmeot Inuit Association
Noah Johnson	North Slave Metis Alliance
Johanne Black	Yellowknives Dene First Nation
Minnie Whimp	Deninu Kue First Nation
Tas-Tsi Catholique	Lutsel K'e Dene First Nation
Laura Meinert	Wek'èezhì Renewable Resource Board
Naomi Smethurst Glen Mackay	GNWT- Prince of Wales Northern Heritage Centre
Scott Stewart	GNWT – ECC, Regional Superintendent of the North Slave Region
James Hodson	GNWT – ECC, Wildlife Biologist
Clint Ambrose Karine Gignac	GNWT – ECC, North Slave Region

1.5 Project Description

TERS functions as a base for both short (1 year) to long (15+ years) ecosystem research and monitoring. The station was originally set up to serve as a control site for studies examining effects of the Ekati diamond mine on the environment. Since its inception, it has grown to provide support for university along with intra- and inter-governmental research in addition to continuing monitoring programs associated with the Ekati and Diavik diamond mines.

TERS also provides educational programs, including the annual Tundra Science and Culture Camp (TSCC). The TSCC is a ten-day cross-cultural science camp for 14- to 17-year-old students from communities throughout the NWT. TSCC has a joint focus of scientific instruction and traditional knowledge studies with participation from the surrounding Tłı̄ch̄ communities. Research at TERS involves measuring ecological and climate related changes on a pristine sub-arctic ecosystem. As such, TERS endeavors to have minimal environmental impact.

1.6 Site Description

The TERS camp is located approximately 300 km north of Yellowknife. It encompasses an area of approximately 0.5 hectares on the shores of Daring Lake, NT (64° 52'N, 111°35'W). The camp is located on a flat area on the south side of an esker. There are 10 Weather haven tents (2 bunk tents, 1 kitchen tent, 2 labs, 1 wash house, 3 storages, 1 office). Other structures include a fuel/tool storage shed, 2 latrines, an incinerating toilet building, a dock, fuel cache berms, and boardwalks throughout. The entire living area (including all structures except the dock and fuel cache area) is enclosed by a solar-powered electric bear fence. See Appendix A for site drawing.

2.0 Purpose of Engagement

The purpose of engaging with the associated parties involves the implementation of this engagement plan prior to submission of any application from the GNWT- ECC – Wildlife Division: TERS Project to the WLWB. Affiliated parties of the TERS project operations listed in the distribution list will be notified and informed of the following site activities:

- LUP Renewal, Extensions, Storage Authorizations
- Amendments, assignments, or modifications
- Major project changes
- Project shutdown

2.1 Pre-Submission Engagement

Consistent with the MVLWB Engagement Guidelines TERS is considered a small-scale operation and therefore the approach for engagement is primarily through written form via email. If there were any major change in operations (e.g., increase in footprint) or the station entered a shutdown phase, community engagement would be initiated. In these cases, we would provide information in written form initially and conduct phone discussions or face to face meetings as requested. This approach is outlined in Table 1 – Engagement triggers and approach.

2.2 Engagement Triggers and Approach

Input received during community engagement would be considered and evaluated as to its feasibility and implementation. Ongoing communication with the organization would occur such that a reasonable course of action is agreed upon to achieve the desired outcome.

Table 1 – Engagement triggers and approach

When will engagement occur?	What is the purpose?	Who will be engaged at each stage?	How will engagement occur?
LUP Renewal LUP Extensions Storage Authorizations	Inform organizations on the operations and programs at TERS	All those on pre-submission engagement list	Written form primarily with options for phone discussions or in-person presentations if desired
Amendments Modifications	Inform organizations on required amendments or modifications.	All those in engagement distribution list	Written form primarily with options for phone discussions or in-person presentations if desired.
Major project changes (e.g., increased footprint)	Inform organizations on the proposed changes to operations at TERS	All those on pre-submission engagement list	Written form primarily with options for phone discussions or in-person presentations as requested
Project shutdown	Inform organizations on the proposed shutdown of operations and appropriate reclamation of the site	All those on pre-submission engagement list	Written form primarily with options for phone discussions or in-person presentations as requested