

K'at'odeeche First Nation – Phase II Site Assessment

Engagement Plan 1.0

August 2022

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Abbreviations

APEC	Area of Potential Environmental Concern
ESA	Environmental Site Assessment
GNWT	Government of the Northwest Territories
KFN	K'átł'odeeche First Nation
LUP	Land Use Permit
MVLWB	Mackenzie Valley Land and Water Board
MSDS	Material Safety Data Sheets
NT	Northwest Territories
SCP	Spill Contingency Plan

1 Introduction

This Engagement Plan (the Plan) has been developed to support K'át'odeeche First Nation (KFN) in their proposed Phase II Environmental Site Assessment (ESA) program (the Project). The project work is focused on lands located within the Hay River Dene Reserve #1 (the Site). The Project is being undertaken to determine the site conditions (environmental liabilities) associated with KFN's land. Determination of the environmental condition is required to support the transfer of land administration and management from the Government of Canada to KFN, in accordance with the Framework Agreement on First Nations Land Management.

KFN has secured Stantec Consulting Ltd (the Contractor) to assist with the Phase II ESA work. The Project will require mechanical drilling at 34 locations (boreholes), with 10 being completed with monitoring well installations. The drill locations will be conducted to perform soil sampling and/or water monitoring. The Project will use a track-mount drill rig. If equipment availability is limited, an alternative truck-mount drill could be used. Project activities are anticipated for mid October 2022 following approval of the Project land use permit (LUP).

The Plan describes the proposed planning for engagement, in accordance with the Mackenzie Valley Land and Water Board's (MVLWB's) [Engagement and Consulting Policy](#). The primary goal of this Plan is to outline how engagement will be performed and documented. The Plan also seeks to make efforts to understand the concerns (if any) of those who may be affected by the Project, and how those concerns can be mitigated.

The Plan, and future revisions (if required), will be submitted to the MVLWB in accordance with the Project's LUP.

1.1 Purpose and Approach

This Plan provides strategies designed to support appropriate engagement throughout all phases of the Project. The goal of engagement is to allow the public or those affected by the proposed Project have an opportunity to discuss the work and raise concerns if needed. Concerns will be considered to help mitigate for negative impacts. The purpose of the Plan is to identify affected parties, initiate dialogue, describe engagement activities, and outline documentation.

1.2 Revisions

This Plan was developed based on the MVLWB Engagement and Consultation Policy. The Plan will be reviewed in conjunction with any major changes to the Project. A summary of Plan revisions is found on page i. The Plan will become effective once the associated LUP is approved by the MVLWB, thus commencing the Project. The Project is anticipated to commence in mid October 2022.

1.3 Project Contacts

In the event of an inquiries about engagement, this Plan or the Project, the following key contacts include:

Primary KFN contact:

Victoria St. Jean
Lands Manager,
K'at'odeeche First Nation
100 Reserve Highway
PO Box 3060
Hay River Dene Reserve, X0E 1G3

Phone: 867-874-6701

Fax: 867-874-3229

Email: kfnlands@katlodeeche.com

Primary Contractor contact:

Marshall Pachal
Project Manager
Stantec Consulting Ltd.
100-75 24th Street East
Saskatoon, SK S7K 0K3

Phone: 306-667-2433

Email: Marshall.pachal@stantec.com

2 Project Description & Activities

The reserve lands of KFN encompasses 52 square miles located on the south shore of the Great Slave Lake in the Northwest Territories (NT). The closest neighbouring community is Hay River, NT. The natural environment is characterized by the Hay River, within the Slave River and Hay River lowland ecoregions, and edges on the Boreal Plains and Taiga Plains ecozones.

KFN has undertaken a Phase I ESA of its reserve land; the Phase I ESA recommended a Phase II ESA. The work is being undertaken to support the transfer of land administration and management from the Government of Canada to KFN. In general accordance with the Framework Agreement on First Nations Land Management, determination of the environmental condition (environmental liability) associated with the subject lands located within the Hay River Dene Reserve #1 (the Site) is required. As a result, KFN and its appointed Contractor will undertake a Phase II ESA consisting of borehole drilling and monitoring well installations at areas of potential environmental concern (APECs).

The Project will require an estimated 34 drill locations (boreholes), 10 of which will be completed with monitoring well installations (Table 2). The boreholes and monitoring wells will be used to conduct soil sampling and water monitoring. Open boreholes will be backfilled with bentonite following soil sampling. The monitoring well completion depths will be dependent on subsurface conditions and will be determined at the time of assessment. Monitoring wells will be used for monitoring and sampling for 1 year, unless monitoring results suggest that ongoing monitoring is required. Following the sampling program, the monitoring wells will be decommissioned (sub-surface materials removed) and backfilled with bentonite.

The Project will utilize a track-mount drill rig. There is no water use required for the drill. If equipment availability is limited, an alternative truck-mount drill rig could be used. The drill will be required to operate for 1-2 hours per location and will occur over approximately 7 days during October 2022. The Project will not produce significant waste volumes. Drill cuttings and purge water will be retained in soil bags and drums, respectively, which will be disposed at an approved facility pending analytical results. Any other waste (i.e., plastics, cardboard) can be accommodated for at the local landfill and will not occur in a significant volume. Lastly, fuel storage is not a project requirement. The only fuel on site will include that which is required by the equipment to operate.

Table 1 provides a description of each drilling location where environmental monitoring activities will be taking place.

Table 1 – KFN Environmental Program Drilling Locations

Location	Approximate Coordinates	Boreholes	BH Depth (m)	Monitoring Wells	MW Depth (m)
Area 1	60° 45' 14.27" N, 115° 48' 45.58" W	3	3	0	-
Area 2	60° 45' 17.06" N, 115° 42' 30.53" W	5	3	0	-
Area 5	60° 50' 07.96" N, 115° 45' 24.93" W	7	6	4	6

Table 1 – KFN Environmental Program Drilling Locations

Location	Approximate Coordinates	Boreholes	BH Depth (m)	Monitoring Wells	MW Depth (m)
Area 6	60° 50' 05.43" N, 115° 45' 34.26" W	6	4.5	3	4.5
Area 8	60° 50' 06.87" N, 115° 45' 38.35" W	3	6	1	6
Area 19	60° 50' 00.19" N, 115° 46' 04.71" W	3	6	1	6
Area 21	60° 50' 55.25" N, 115° 43' 20.87" W	5	6	1	6
Area 26	60° 50' 55.25" N, 115° 43' 20.87" W	2	4.5	0	-
Totals:		34	-	10	-

3 Engagement Strategy

The Project work that will be undertaken is to conduct an environmental drilling program that will support soil and water sampling, an aspect of a Phase II ESA, at APECs that may have environmental contamination due to historical use of KFN's lands. The Project is small in both scale and scope, in addition to being relatively low in complexity. The Project is Indigenous led and is largely focused on environmental improvement, which is intended to benefit the community and those in the surrounding area. The work is also part of a land transfer agreement process that will allow KFN to pursue greater decision making over its land management and administration. The engagement activities and methods put forward are designed to meet the level of effort associated with a Project of this type.

Engagement may be conducted as a written notification, a meeting (online or in person) or a community public meeting. The sessions scheduled for engagement will be considerate of timing and schedules of both the Proponent and the affected parties (see Section 3.2 for affected party list). Engagement will also take into consideration language and translation services for those who identify and require this to KFN. KFN will maintain an engagement summary log and may fill in an engagement form as needed to document feedback and outcomes. A copy of these documentation templates is found in the Appendix.

KFN has performed engagement regarding its ESA work. At this time, KFN is not aware of primary interested parties beyond its own community and the Town of Hay River, but recognizes that other communities, organizations, or individuals may have indirect or general interest in the Project.

3.1 Engagement Milestones

Based on the Project, there are key milestones tasks where engagement will be necessitated to support Project direction and decision making (Table 2). The format of communication described in Table 2 is set as a primary mode of engagement; however, if an affected party identifies an alternative preferred communication method, KFN will try to accommodate (i.e., phone calls instead of emails).

Table 2 – Engagement Milestone Tasks and an Engagement Description

Milestone Tasks	Purpose	Organization to be Engaged	Format of Engagement	Information Logging
Pre-application engagement	To support project knowledge, understanding of affected parties	MVLWB; Town of Hay River; KFN.	Email, letter, meeting	Meeting Minutes, email, engagement log entry
Submission of LUP	Application to the MVLWB – public review of Project, public input.	MVLWB; affected parties; government agencies (via Board process)	MVLWB - Online Review System	Application package and MVLWB public records (staff report, distribution list, comments, responses, Reasons for Decision)

Table 2 – Engagement Milestone Tasks and an Engagement Description

Milestone Tasks	Purpose	Organization to be Engaged	Format of Engagement	Information Logging
Work Commencement Notification	Notify affected Parties 10 days prior to commencement of work. A chief and council meeting, and community meeting will also occur prior to work commencement.	MVLWB; Town of Hay River; KFN; waste service providers; and those who wish to be informed following the public review process	Email	Email, Engagement log entry
Spill Notifications (if any occur)	Notify affected Parties of the incident and how it was remedied	MVLWB; GNWT-ENR; Town of Hay River; KFN; and those who wish to be informed following the public review process	Email, meeting	Email, Engagement log, Spill Report
Follow Up Engagement	A chief and council meeting, and a community meeting will take place to disseminate results of the Phase II ESA	Chief and council, community of KFN.	Meeting	
Closure Commencement Notification	Notify affected of decommissioning of monitoring wells to gather feedback (if any) and inform	MVLWB; Town of Hay River; KFN; and those who wish to be informed following the public review process	Email	Email, Engagement log entry
Note: Any changes or amendments to the management plans or the LUP will include pre-engagement prior to new application submissions to the Land and Water Board.				

3.2 Affected parties

For this Project, KFN has identified itself as the primary community of interest, with consideration of its neighboring community of Hay River. These communities are likely to have the most interest or impact by the Project. Additional communities have been identified with potential, indirect or general interest in the Project due to overlapping land use or traditional area. These parties and organizations could include:

-
- Acho Dene Koe First Nation
 - Akaitcho IMA Implementation Office
 - Canadian Northern Economic Development Agency
 - CIRNAC-CARD
 - Deh Gah Got'ie Dene Council
 - Dehcho First Nations
 - Dehcho Land Use Planning Committee
 - Dene Nation
 - Dene Tha' First Nation
 - Deninu K'ue First Nation
 - Environment and Climate Change Canada
 - Fisheries and Oceans Canada
 - Fort Providence Metis Council #57
 - Fort Providence Resource Management Board
 - Fort Resolution Metis Government
 - Fort Simpson Metis Local 52
 - Government of the Northwest Territories (INF, ENR, ECE, EIA, Lands)
 - Ka'a'gee Tu First Nation
 - KBL Environmental
 - Liard First Nation
 - Liidlii Kue First Nation
 - Lutsel K'e Dene First Nation
 - MVLWB
 - North Slave Metis Alliance
 - Northwest Territory Metis Nation
 - Pehdzeh Ki First Nation
 - Ross River Dena Council
 - Salt River First Nation
 - Sambaa Ke First Nation
 - Smith's Landing First Nation
 - Tlicho Government
 - Town of Hay River
 - Tthets'ek'ehdeli First Nation
 - West Point First Nation
 - Yellowknives Dene First Nation

3.3 Engagement Log & Follow Up Reporting

During engagement, KFN will track comments, concerns and input related to the Project. When appropriate, KFN may use an engagement form to track input and outcomes regarding engagement meetings or conversations. All input will be gathered and entered into a summary log, with supporting information (documents). The log will be used to help inform Project decisions and will also be submitted when requested or required by government agencies, affected Parties or the Board. The

log will demonstrate how concerns were raised and understood by KFN, by way of closing the record with action taken to address/resolve the input provided. For a sample of the log and record form, please see the Appendix.

3.4 Communication & Implementation

KFN will communicate about its Project regularly and as needed, in particular before major milestone tasks begin, and prior to any changes to the Project or any future amendments (if needed). KFN will be open and flexible to varying needs of affected Parties with respect to timing, communication mode, language or other needs. The Plan will be implemented by following the principals of the MVLWB's Engagement Policy – shared responsibility, appropriate disclosure, inclusiveness and reasonableness.

3.5 Plan Review

This Plan will be reviewed following the public process associated with the LUP application, and if/when any critical feedback is provided to KFN following the public process. Plan revisions will also be conducted in advance of future amendments to the LUP (if required) at a later date. Plan revisions will be included as an aspect of pre-engagement prior to amendment application submission.

Appendix – Engagement Log, Engagement Record Form and Affected Parties List

Engagement Log KFN Phase II ESA:

Date	Organization	Engagement Type	Issue Raised	Recommendation from Affected Party	Proponent Response	Information Materials and Other Notes
Aug 26, 2022	Town of Hay River	Email correspondence	No concerns	None	Not applicable	None

From: [Glenn Smith](#)
To: [Victoria St. Jean](#)
Cc: [Pachal, Marshall](#); [Kandis Jameson](#)
Subject: RE: Phase II ESA on KFN Reserve
Date: Monday, August 29, 2022 11:21:04 AM

Thank you for the additional information.

The Town of Hay River has no further questions or concerns at this time surrounding the planned ESA work.

Thank you for the awareness.

Glenn Smith, MBA

Senior Administrative Officer

Town of Hay River
100 – 62 Woodland Dr.
Hay River, N.T. X0E 1G1
Ph: (867) 874-6522
sao@hayriver.com
www.hayriver.com



From: Victoria St. Jean <kfnlands@katlodeeche.com>
Sent: August 29, 2022 9:53 AM
To: Glenn Smith <SAO@hayriver.com>
Subject: RE: Phase II ESA on KFN Reserve

[External Email] This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Glen.

Here is the map of the ESA's that is happening on KFN. If you have any further questions don't hesitate to ask

Thank you,

Victoria

From: Glenn Smith <SAO@hayriver.com>

Sent: August 29, 2022 9:08 AM

To: Victoria St. Jean <kfnlands@katlodeeche.com>

Cc: Pachal, Marshall <Marshall.Pachal@stantec.com>; Kandis Jameson <mayor@hayriver.com>

Subject: RE: Phase II ESA on KFN Reserve

Hi Victoria

Would you be able to provide a map or indication of where the ESA work is being completed?

Thanks

glenn

From: Victoria St. Jean <kfnlands@katlodeeche.com>

Sent: August 26, 2022 1:31 PM

To: Glenn Smith <SAO@hayriver.com>

Cc: Pachal, Marshall <Marshall.Pachal@stantec.com>

Subject: Phase II ESA on KFN Reserve

[External Email] This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Mayor Jamison:

K'atl'odeeche First Nation is working with Stantec Consulting Ltd. to complete a Phase II Environmental Site Assessment (ESA) at the Hay River Dene Reserve No.1 lands (referred to as the Site). The work is being completed to assess the environmental conditions at various properties throughout the Site.

The Phase II ESA activities will include borehole advancement activities using an environmental drill rig; installing monitoring wells at select assessment locations and collecting soil and groundwater samples for laboratory testing. The results of the Phase II ESA will be used to develop an environmental strategy for the Site. Field activities are expected to commence in 2022.

Stantec, on behalf of KFN, will be applying to the Mackenzie Valley Land and Water Board (MVLWB) for approval to complete the work in accordance with the land use permitting process. In accordance with the permitting process, KFN would like to inform the Town of Hay River of the planned activities. Please confirm that you have received this email and feel free to contact us with any questions or concerns regarding the above noted activities.

Sincerely,

Victoria St Jean
Lands Manager

Kałtł'odeeche First Nation

Phone: (867) 874-6701

Cell: (867) 875-8017

Engagement Record Template (Printable):

Name of Proponent: _____

Name of Affected Party: _____

Name of Representative who Participated in Engagement	Dates of Engagement	Reasons for Engagement	Overview of Issues Resolved	Overview of Issues Unresolved

Signature of Proponent: _____

Date: _____

Signature of Affected Party: _____

Date: _____

Potential Affected Parties Contact List:

Organization	User	Email
Acho Dene Koe First Nation (ADKF N)	Boyd Clark	administration@adkfirstnation.ca
	Chief Gene Hope	chief@adkfirstnation.ca
Akaitcho IMA Implementation Office CIRNAC-CARD (Yellowknife)	Stephanie Poole Intergovernmental INAC	screeningofficer@eastarm.com aadnc.ntcard.aandc@canada.ca
Deh Gah Got'ie Dene Council	Xavier Canadien	chief@dehgahgotie.ca
Dehcho First Nations (DFN)	Richard Lafferty	executivedirector@dehcho.org
Dehcho Land Use Planning Committee	Joachim Bonnetrouge	joachimb@northwestel.net
Dene Nation	Trevor Teed	lands@denenation.com
Dene Tha' First Nation	James Ahnassay	James.Ahnassay@denetha.ca
Deninu K'ue First Nation (DKFN)	Carol Ann Chaplin	sao@dkfn.ca
	Minnie Whimp	lands@dkfn.ca
Environment and Climate Change Canada (ECCC)	ECCC-EA ECCC-EA	EANorthNWT@ec.gc.ca
Fisheries and Oceans Canada (DFO)	Triage Group Fisheries Protection Program	fisheriesprotection@dfo-mpo.gc.ca
Fort Providence Metis Council #57	James Christie	fpmcpres@northwestel.net
Fort Providence Resource Management Board	Priscilla Canadien	rm@dehgahgotie.ca
Fort Resolution Metis Government (FRMG)	Trudy King	trudy.king@nwtmetis.ca
Fort Simpson Metis Local 52	Myles Sibbeston	metisresources52@gmail.com
Ghotelnene K'odtineh Dene (Manitoba Denesuline)	Wayne Wysocki	ww.symbion@shawbiz.ca
GNWT - INF (Infrastructure)	Jon Posynick	Jon_Posynick@gov.nt.ca
GNWT-ECE - PWNHC (Prince of Wales Northern Heritage Centre)	Glen Mackay	Glen_Mackay@gov.nt.ca
GNWT-ENR - EAM (Environmental Assessment and Monitoring)	Erin Goose	gnwt_ea@gov.nt.ca
GNWT-Executive and Indigenous Affairs	Peter Fast	Peter_Fast@gov.nt.ca
GNWT-Lands	Jaida Ohokannoak	Jaida_Ohokannoak@gov.nt.ca
GNWT-Lands - Hay River Region	Jayda Robillard	Jayda_Robillard@gov.nt.ca

Organization	User	Email
	Norman McCowan	Norman_McCowan@gov.nt.ca
Hamlet of Fort Liard	Alan Harris	mws@fortliard.com
Hamlet of Fort Providence	Susan Christie	sao@fortprovidence.ca
Hamlet of Fort Resolution	Carol Collins	Carolc.lands@gmail.com
Ka'a'gee Tu First Nation (KTFN; Kak isa)	Earle Dumas	earled@northwestel.net
	Chief Lloyd Chicot	kaageetu_chief@northwestel.net
KBL Environmental Ltd. Town of Hay River	Renee White	rwhite@kblenv.com
Liard First Nation (Yukon)	Shirley Luts	lfncshirley@gmail.com
	Travis Stewart	travisstewart@liardfirstnation.ca
Liidlii Kue First Nation (Ft Simpson) (LKFN)	Chief Gerald Antoine	chief@liidliikue.com
	Dieter Cazon	resources@liidliikue.com
Lutsel K'e Dene First Nation	Beth Keats	lkdfnregulatory@gmail.com
	Chief Daryl Marlowe	chief.lkdfn@gmail.com
	Glen Guthrie	lkdfnlands@gmail.com
MVLWB	Jen Potten	jpotten@mvlwb.com
North Slave Metis Alliance	NSMA Lands	lands@nsma.net
Northwest Territory Metis Nation	Ria Coleman	lands.clerk@nwtmetis.ca
	Tim Heron	tim.heron@nwtmetis.ca
Pehdzeh Ki First Nation (Wrigley)	Daniel Steiner	pkfnlands@gmail.com
	Ria Letcher	pklands@northwestel.net
Ross River Dena Council	Jack Caesar	jackcaesar21@gmail.com
Salt River First Nation	Chief David Poitras	chief.srfn@northwestel.net
	David Holan	ceo.srfn@northwestel.net
Sambaa Ke First Nation (Trout Lake)	Chief Dolphus Jumbo	chief@sambaakefn.com
	Jessica Jumbo	environment@sambaakefn.com
SLFN	Becky Kostka	lands@slfn196.com
Smith's Landing First Nation	Cochise Paulette	lands_assistant@slfn196.com
Tlicho Government	Tlicho Lands Regulatory	ginger.gibson@thefirelightgroup.co.m
Town of Hay River	Glenn Smith	sao@hayriver.com
	Ryan MacNeil	civil@hayriver.com
Tthets'ek'ehdeli First Nation (JMR)	Chief Stanley Sanguez	chief@jmrfn.com

Organization	User	Email
West Point First Nation	Misty Ireland	land@wpfn.ca
	Wendy Ross	finance@wpfn.ca
Yellowknives Dene First Nation (YK DFN)	Eddie Sangris	esangris@ykdene.com
	Ernest Betsina	ebetsina@ykdene.com
	Johanne Black	jblack@ykdene.com