



Updated Engagement Plan

Liard River Basin Groundwater Monitoring Project

March 30, 2023

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Revision History Table

Date	Section	Revisions
March 2023	2. Engagement Plan	14 to 30 days prior to drilling notify reserve land and lease holders with regards to underground utility locates.
March 2023	2. Engagement Plan	48 hours prior to drilling notify land and lease holders where drilling will occur.
March 2023	3. Updated Engagement Log	Newsletter with project update sent on September 20, 2021, to Acho Dene Koe First Nation, Dehcho First Nation, Hamlet of Fort Liard, Liard First Nation, Ross River Delta Council and the MVLWB.
March 2023	3. Updated Engagement Log	Notification of and Community Meeting held in Fort Liard July 22, 2022. Communication with Acho Dene Koe First Nation and Hamlet of Fort Liard.
March 2023	3. Updated Engagement Log	Notification of Proposed Amendment of MVLWB LUP sent to Acho Dene Koe First Nation, Dehcho First Nation, Hamlet of Fort Liard, Liard First Nation, and Ross River Delta Council.

2. Engagement Plan

When will you be engaging?	What is the purpose for engaging	Who will be engaged at each of these stages?	How will you engage?
Prior to applying for a Type A Land Use Permit for drilling activities	To present the project (rationale, drilling locations, etc.), its potential impact on the environment and the implications for the communities	Selected Indigenous governments, communities and government agencies	Written notification, with a copy of the project summary and an offer to meet face to face
During the public engagement period for the Land Use Permit application	To resolve any concerns that arise and to incorporate relevant suggestions to the project	Selected Indigenous governments, communities and government agencies	Face-to-face meeting upon request
		Public at large	Phone calls/meetings as necessary
After the issuance of the Land Use Permit, before proceeding to drilling operation	To present the final details of the project (exact location for drilling the wells, calendar of activities, equipment that will be used, etc.)	Selected Indigenous governments, communities and government agencies	Written notification and meetings; and public presentation in Fort Liard, depending on interest
14 to 30 days prior to drilling	To verify the location of all underground utilities at the drilling sites, and to validate the mapping of underground utilities conducted by a private company	Reserve land and lease holders where drilling operation will occur (Northwestel; GNWT, Department of Infrastructure; GNWT, MACA; GNWT, ENR)	Written notification and phone calls
48 hours prior to drilling	To notified the Reserve land/lease holder that drilling operation will take place on site	Reserve land and lease holders where drilling operation will occur (Northwestel; GNWT, Department of Infrastructure; GNWT, MACA; GNWT, ENR)	Written notification and phone calls
At completion of drilling activities	To ensure affected parties remain updated on the progress of the project, to answer any questions that may	Selected Indigenous governments, communities and government agencies	Written notification and meetings; and public presentation in Fort Liard, depending on interest

	arise and to present the monitoring plan		
Upon issuance of sampling results	To present the sampling results on a yearly basis to the affected parties	Public at large	Results provided on ENR website. Public meeting, depending on the level of interest
		Selected Indigenous governments, communities and government agencies	Written notification and meetings, depending on level of interest

3. Updated Engagement Log

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
Acho Dene Koe First Nation	Jacqueline Spies, Operations Manager	May 31, 2018	Email	Information letter		
	Jacqueline Spies, Operations Manager	May 31, 2018	Mail	Information letter		
	Margo Fleming, Lands and Resources Department	June 27, 2018	Email	Email from ADK First Nation	The ADK First Nation sent us a letter of support for the project.	Keep them informed of the project and respect the engagements made in the letter
	Boyd Clark, administration	July 27, 2018	Email	Project update	The goal of the email is to notify the community that the LUP is ready for submission, and that we did a slight modification in the scope of work of the project	
	Margo Fleming, Lands and Resources Department					
	Boyd Clark, administration	September 27, 2018	Email	Project update and meeting request	The research team will be in Fort Liard the week of October 22, and the goal of this email was to propose a face-to-face meeting with ADKFN	
	Margo Fleming, Lands and Resources Department					
	Margo Fleming, Lands and Resources Department	October 12, 2018	Phone	Follow-up	Call to follow up our meeting request (no answer)	
	Boyd Clark, administration	October 16, 2018	Email	Follow-up	Email to follow up our meeting request	
	Boyd Clark, administration	October 17, 2018	Email	Project update	The goal of the email is to give an update on the project, and to let them know that the final LUP application will be submitted to the board very soon	
Margo Fleming, Lands and Resources Department						
Boyd Clark, administration	June 19, 2019	Email	Project update	The goal of this email is to give an update on the project and let ADK know that a field campaign is in preparation for the Summer 2019		

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
	Barney Dohm Sylvia Bertrand	April 30 to August 15, 2019	Emails, phone calls	Preparation of summer 2019 fieldwork	To hire community members, use their services for water delivery, etc. and organise accommodation for field staff.	
	Brook Barber, Lands and Resources Department Michelle Browning, Community Coordinator Kathy Hardisty, Culture and Language Coordinator	July 5 to August 15, 2019	Emails and phone calls	Preparation of a community meeting (logistic, advertisement, hiring local people for catering, translation, etc.)	The purpose of these communications is to prepare, with the support of ADK First Nation, a community meeting to present the project, meet the community members share stories and experience about groundwater and answer questions	
	Whole community	August 15 2019	Meeting	Community meeting	The goals of this meeting are to present the project, meet the community members, share stories and experience about groundwater and answer questions	
	Barney Dohm Tom Wezelman,	August 5 – August 21, 2019	Emails and phone calls	Organise and manage support from the ADK First Nation for Summer 2019 Field work	The purpose of these daily communications was to manage support needs for water delivery, wildlife monitoring, and general support for the drilling activities at the Municipal Waste Facility.	
	Brooke barber , Lands and Resources Department Jacqueline Spies, Operations Manager	December 11, 2019	Phone, Email	Project update and notification of a Land Use Permit amendment request	The goal of the email is to give an update on the project, to notice them about an upcoming field campaign in March 2020, and to let them know that an amendment to the Land Use Permit will be submitted to the board	To follow-up by phone if the communities doesn't give us a feedback
	Julie Swinscoe, Land and Resources Department	December 11, 2019	Email	Acknowledgment of receipt from ADKFN	Landmark acknowledges receipt of the email on behalf of ADKFN	
	Brooke barber , Lands and Resources Department	December 13, 2019	Email	Reply from ADKFN	Acho Dene Koe First Nation would like to continue to be	

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					involved in this project, and we will respond in full to this effect when the request for comments comes through on the Online Review System	
	Brooke barber , Lands and Resources Department Jacqueline Spies, Operations Manager	December 20, 2019	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project, that could be shared with the community	
	Barney Dohm	January 30, 2020	Email	Preparation of March 2020 fieldwork	Email to give a head-up of the upcoming drilling campaign, and to hire community members and use their services for wildlife monitors and water delivery.	
	Mark MacDougall, Lands and Resource Development	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Boyd Clark, Band Manager	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Whole Community	July 22, 2022	Meeting	Community Meeting	The goals of this meeting are to present updates on the project, meet the community members, share stories and experience about groundwater and answer questions. Meeting led by Drs. Colby Steelman and Janok Battacharya and facilitated by Catherine Graydon and Frank McKay of the GNWT.	
	Boyd Clark, Band Manager	March 21, 2023	Email	Notification of Land Use Permit Amendment Request	The purpose of this communication was to notify of a pending submission of a letter of amendment to the MVLWB.	

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
Dehcho First Nation	Alison de Pelham, Executive Director	May 31, 2018	Email	Information letter		
	Alison de Pelham, Executive Director	May 31, 2018	Mail	Information letter		
	Alison de Pelham, Executive Director	July 6, 2018	Phone	Call to do a follow-up and see if they have any concerns/questions	They don't have any concerns with the project	
	Alison de Pelham, Executive Director	July 27, 2018	Email	Project update	The goal of the email is to notify the community that the LUP is ready for submission, and that we did a slight modification in the scope of work of the project	
	Alison de Pelham, Executive Director	October 17, 2018	Email	Project update	The goal of the email is to give an update on the project, and to let them know that the final LUP application will be submitted to the board very soon	
	Richard Lafferty, Interim Executive Director Receptionist	December 11, 2019	Email	Project update and notification of a Land Use Permit amendment request	The goal of the email is to give an update on the project, to notice them about an upcoming field campaign in March 2020, and to let them know that an amendment to the Land Use Permit will be submitted to the board	To follow-up by phone if the communities doesn't give us a feedback
	Richard Lafferty, Interim Executive Director Receptionist	December 20, 2019	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project, that could be shared with the community	
	Receptionist	January 8, 2020	Phone	Follow-up	Call to follow-up the request for amendment email. Lance (the receptionist) confirmed the reception of the email. They will submit their comments (if any) through on the Online Review System. For further communication and updates, we	

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
					should contact Dahti Tsetso (Resource Management Coordinator) instead than Richard Lafferty	
	Josanne Kenny, Acting Executive Director	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Alison de Pelham, Executive Director	March 21, 2023	Email	Notification of Land Use Permit Amendment Request	The purpose of this communication was to notify of a pending submission of a letter of amendment to the MVLWB.	
Hamlet of Fort Liard	Mike Rudkin, Senior Administrative Officer	May 31, 2018	Email	Information letter		
	Mike Rudkin, Senior Administrative Officer	May 31, 2018	Mail	Information letter		
	Mike Rudkin, Senior Administrative Officer	July 6, 2018	Phone	Call to do a follow-up and see if they have any concerns/questions	No response. Left a message.	
	Mike Rudkin, Senior Administrative Officer	July 10, 2018	Phone	M. Rudkin called back	Left a message saying to contact him	
	Mike Rudkin, Senior Administrative Officer	July 13, 2018	Email	Email send to Mike Rudkin to follow up the call		
	Mike Rudkin, Senior Administrative Officer	July 13, 2018	Email	Response from Mike Rudkin	At last night's council meeting, this project was discussed. Council had no issues with and is in support of it.	Keep them inform of the project development
	Mike Rudkin, Senior Administrative Officer	July 27, 2018	Email	Project update	The goal of the email is to notify the community that the LUP is ready for submission, and that we did a slight modification in the scope of work of the project	
	Mike Rudkin, Senior Administrative Officer	October 12, 2018	Email	Project update and meeting request	The research team will be in Fort Liard the week of October 22, and the goal of this email was to	

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
					propose a face-to-face meeting with the Hamlet of Fort Liard	
	Mike Rudkin, Senior Administrative Officer	October 17, 2018	Email	Project update	The goal of the email is to give an update on the project, and to let them know that the final LUP application will be submitted to the board very soon	
	Al Harris, Manager Municipal Operations	August 6 to August 13, 2019	Emails, phone calls	Preparation and implementation of summer 2019 fieldwork	To give them notice of fieldwork dates, make arrangement for drilling work at the landfill, and disposal of drilling fluids.	
	Mike Rudkin, Senior Administrative Officer	December 11, 2019	Email	Project update and notification of a Land Use Permit amendment request	The goal of the email is to give an update on the project, to notice them about an upcoming field campaign in March 2020, and to let them know that an amendment to the Land Use Permit will be submitted to the board	To follow-up by phone if the communities doesn't give us a feedback
	John McKee, Senior Administrative Officer	December 12, 2019	Email	Reply from the Hamlet of Fort Liard	They acknowledge receipt of the email and the Hamlet supports the Land Use Permit amendment.	
	John McKee, Senior Administrative Officer	December 20, 2019	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project, that could be shared with the community	
	John McKee, Senior Administrative Officer	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Whole Community	July 22, 2022	Meeting	Community Meeting	The goals of this meeting are to present updates on the project, meet the community members, share stories and experience about groundwater and answer questions. Meeting led by Drs. Colby Steelman and Janok	

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
					Battacharya and facilitated by Catherine Graydon and Frank McKay of the GNWT.	
	John McKee, Senior Administrative Officer	March 21, 2023	Email	Notification of Land Use Permit Amendment Request	The purpose of this communication was to notify of a pending submission of a letter of amendment to the MVLWB.	
Liard First Nation	Reception	May 17, 2017	Phone	Request from GNWT for a contact person for the letter and email	They advised us than the contact person should be Irene Van Nieuwkerk	
	Irene Van Nieuwkerk	May 31, 2018	Email	Information letter		
	Irene Van Nieuwkerk	May 31, 2018	Mail	Information letter		
	Reception	June 14, 2018	Phone	Response from Liard First Nation	Acknowledgement of receipt of the letter	
	Reception	July 6, 2018	Phone	Call to do a follow-up and see if they have any concerns/questions	Talked to the executive administrator. The letter was read by the council. She will follow-up with them, to see if they have any questions	
	Irene Van Nieuwkerk	July 27, 2018	Email	Project update	The goal of the email is to notify the community that the LUP is ready for submission, and that we did a slight modification in the scope of work of the project	
	Irene Van Nieuwkerk	October 17, 2018	Email	Project update	The goal of the email is to give an update on the project, and to let them know that the final LUP application will be submitted to the board very soon	
	Irene Van Nieuwkerk Maria Wolftail, Receptionist	December 11, 2019	Email	Project update and notification of a Land Use Permit amendment request	The goal of the email is to give an update on the project, to notice them about an upcoming field campaign in March 2020, and to let them know that an amendment to the Land Use	To follow-up by phone if the communities doesn't give us a feedback

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
	Irene Van Nieuwkerk Maria Wolftail, Receptionist	December 20, 2019	Email	Newsletter	Permit will be submitted to the board The goal of this email is to send a newsletter containing updates from the project, that could be shared with the community	
	Irene Van Nieuwkerk	January 8, 2020	Phone	Follow-up	Call to follow-up the request for amendment email (No answer)	
	Maria Wolftail, Receptionist	January 8, 2020	Phone	Follow-up	Call to follow-up the request for amendment email (No answer)	
	Lynn Hutton, Executive Director	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Travis Stewart, Executive Director	March 21, 2023	Email	Notification of Land Use Permit Amendment Request	The purpose of this communication was to notify of a pending submission of a letter of amendment to the MVLWB.	
	Ross River Dena Council	Reception	May 17, 2017	Phone	Request from GNWT for a contact person for the letter and email	They advised us than the contact person should be Jenny Caesar
Jenny Caesar, Deputy Chief		May 31, 2018	Email	Information letter		
Jenny Caesar, Deputy Chief		May 31, 2018	Mail	Information letter		
Reception		July 6, 2018	Phone	Call to do a follow-up and see if they have any concerns/questions	The executive staffs were out of office. The receptionist ask us to call back	Call back
Jenny Caesar, Deputy Chief		July 27, 2018	Email	Project update	The goal of the email is to notify the community that the LUP is ready for submission, and that we did a slight modification in the scope of work of the project	
Jenny Caesar, Deputy Chief		October 17, 2018	Email	Project update	The goal of the email is to give an update on the project, and to let them know that the final LUP	

Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
	Jenny Caesar, Deputy Chief	December 11, 2019	Email	Project update and notification of a Land Use Permit amendment request	application will be submitted to the board very soon The goal of the email is to give an update on the project, to notice them about an upcoming field campaign in March 2020, and to let them know that an amendment to the Land Use Permit will be submitted to the board	To follow-up by phone if the communities doesn't give us a feedback
	Jenny Caesar, Deputy Chief	December 20, 2019	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project, that could be shared with the community	
	Jenny Caesar, Deputy Chief	January 8, 2020	Phone	Follow-up	Call to follow-up the request for amendment email (No answer)	
	Jenny Caesar, Senior Official	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	
	Verna Nukon, Deputy Chief	March 21, 2023	Email	Notification of Land Use Permit Amendment Request	The purpose of this communication was to notify of a pending submission of a letter of amendment to the MVLWB.	
NorthwesTel	Ronald Karp, Building maintenance, support and logistics	February 5, 2020	Email	Project update	The goal of the email was to notice him that we will do a drilling campaign at the NorthwesTel site in March 2020, that we will proceed to an underground locates 14 to 30 days prior to drilling activities, and that we will call the phone numbers provided at least 48 hours prior to drilling activities to notify NorthwesTel of our drilling schedule and plans	



Party	Contact name	Date contacted	Contact method	Nature of contact	Description	Follow-up
Mackenzie Valley Land and Water Board	Kimberley Murray	September 20, 2021	Email	Newsletter	The goal of this email is to send a newsletter containing updates from the project that could be shared with the community.	