

**Canadian Natural Resources Ltd. 13-Well Abandonment and Reclamation Program
Water Licence Application Engagement Log**

Contact Person(s) and/or Attendees	Date	Purpose for Engagement	Engagement Activity Type (e.g., written notification, face-to-face, workshop, etc.)	Discussion Points	Issue(s) Raised by Affected Party	Recommendation From Affected Party	Proponent Response to Issue	Information Materials Provided to Affected Party (Y/N)	Written Correspondence, Meeting Notes, and/or Minutes (Y/N)
Acho Dene Koe First Nation Jodi Carlow	2020-10-29	Initiate via email and CNRL Surface Land Donna Poitras to meet with Jodi Carlow a rep from ADK First Nation	Written notification - Email	Initial contact regarding Canadian Natural's camp and equipment needs for Winter 2020/21 Abandonment and Reclamation Program					
	2020-11-03	CNRL met with Jodi Carlow (ADK First Nation representative) and Joffre Jorgenson (Resolve Solutions) to review camp and equipment needs for the program.	Phone call	Review Canadian Natural's camp and equipment needs for Winter 2020/21 Abandonment and Reclamation Program	ADK/Beaver River should be contacted.	Jody informed CNRL that ADK / Beaver River Contact was Tom Wezelman	2020-11-04 called Tom Wezelman - general discussion regarding the project and equipment requirements.	Y - 2020-11-04 follow-up email sent to Jody/Tom regarding equipment list as well as trying to maintain all personnel be residents of Fort Liard firstly and NWT second and protection of the community of Fort Liard regarding COVID-19	Y - 2020-11-04 email
	2021-07-27	ADKFN requested updated information on plans for abandonment in NWT.	Email comms.	Ms. Carlow asked about Canadian Natural's reclamation plans for NWT and cost sharing with Parmaout.	ADKFN	2021-08-11 - Ms. Carlow provided information on heli-drills and pricing.	2021-08-11 - Canadian Natural indicated plans to conduct Phase 2 ESAs by helicopter. Requested info from ADK to provide a helicopter or heli-portable drill.	Y - 2021-08-16 - response from Canadian Natural - the heli rig wasn't the right size for the scope of work.	Y - 2021-08-16 email
	2021-09-13	Canadian Natural asked if ADK Holdings/Beaver Enterprises LP could provide water hauling services.	Email comms.	ADK Holdings/Beaver Enterprises LP capacity to provide water hauling services.	Canadian Natural	Ms. Carlow responded that they wouldn't be able to provide these services	Acknowledged	N/A	Y - 2021-09-13 email
Acho Dene Koe First Nation Joffre Jorgenson	2021-10-27	ADKFN requested updated information on plans for abandonment in NWT.	Email comms.	ADK Holdings/Beaver Enterprises LP asked Canadian Natural's plans for winter program.	ADKFN	Please provide updates.	2010-10-27: Canadian Natural responded that they are awaiting a decision and hope to provide an update the following week.	N/A	Y - 2021-10-29 email

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ADK/Beaver River Tom Wezelman	2020-11-04	Jody Carlow informed CNRL that ADK / Beaver River Contact was Tom Wezelman	Phone call	General discussion regarding the project and equipment requirements.				Y - 2020-11-04 follow-up email sent to Jody/Tom regarding equipment list as well as trying to maintain all personnel be residents of Fort Liard firstly and NWT second and protection of the community of Fort Liard regarding COVID-19	Y - 2020-11-04 email
	2020-11-05	Discussed progress on equipment and personnel list. Tom asked for specs for ice bridge across Liard River, discussed current weather and ice conditions. Most 3rd party equipment was sourced in NWT and waiting for rates. Talked with Tom regarding Horizon North having a camp arrangement and possibility of putting camp in Beaver Ent yard so that FL Hamlet could service the water and sewer requirements of the camp as FL Hamlet would not supply potable water to remote campsite or allow sewer to be hauled into their system for disposal.	Phone call	Mention of water permits being hard to maintain and Paramount had to haul 80 km one direction for last year's program. Discussion on housing options available in FL and specifically the Beaver Duplex and also the Hotel with a local cook hired for meals. Tom noted that there was a health authority rep stationed in FL.					
	2020-11-11	Tom confirmed that all services on the requirement list was sourced and available from NWT and majority of workers would be from FL. The Medics / Snowcats / mulchers were the items that were to be outsourced but still within NWT so should be fine with any COVID concerns. General discussion regarding safety requirements and orientation required pre-project. Also discussed that some equipment had been hauled from Alberta to FL for other project and that some "essential workers" had entered into FL with Cooper Barging. Also noted that items / equipment could be delivered to the border on HWY 7 and unloaded there and reloaded by a truck out of FL.	Phone call					Y - 2020-11-11 Follow up email sent regarding safety documents required, orientation link, waiver on some of the safety tickets required for this specific project. Also some links for COVID and info for invoicing procedures. 2020-11-12 - sent Tom an email and form from NWT "social-distancing-protocols-remote-work-camps" as Tom had mentioned he was considering hiring a foreman (Mike Cooper) for Netla project that resides in Fort Nelson.	Y - 2020-11-11 and 2020-11-12 emails.
Acho Dene Koe First Nation Chief Gene Hope p: (867) 770-4571 f: (867) 770-4573 chief@adkfirstnation.ca	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
	2020-12-14	ADKFN (on behalf of Chief Eugene (Gene) Hope) letter with comments, recommendations, and requests based on initial WL application associated with LUP MV2019X0014.	Written notification - Email	How proposed remediation/ reclamation plan addresses ADKFN's concerns, values, and associated activities on ADKFN land. Engagement, Planned activities, Draft application review, ADKFN status, New contact for ADKFN Lands Office		How proposed remediation/ reclamation plan addresses ADKFN's concerns, values, and associated activities on ADKFN land. Engagement - community members and businesses. Planned activities - more detail requested. Draft application - review prior to submission ADKFN is rights holder, not stakeholder or "potentially affected party." New contact for ADKFN Lands Office c/o Shared Value Solutions	Canadian Natural responded to each listed item in the letter.	Y - July 7, 2021 emailed letter.	Y - July 7, 2021 emailed letter.
	2021-07-28	Response to meeting between ADKFN Lands and Canadian Natural	Written notification - emailed letter.	requesting shapefiles, Phase I ESAs, and regulatory timeline provided confidential TLU data to inform/guide Canadian Natural's plans with request to maintain confidentiality.		requesting shapefiles, Phase I ESAs, and regulatory timeline	Canadian Natural is providing requested information.	Y - timeline sent with MVLWB draft submission September 14, 2021, shapefiles and Phase I ESAs sent September 21, 2021. All via FTP site.	Y - timeline sent with MVLWB draft submission September 14, 2021, shapefiles and Phase I ESAs sent September 21, 2021. All via FTP site.

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Acho Dene Koe First Nation Sub Chief Brenda Berreault p: (867) 770-4571 f: (867) 770-4573	2021-10-05	ADKFN (on behalf of Sub Chief Brenda Berreault) letter with comments, recommendations, and requests based on complete DRAFT WL Application response package prepared for submission to the MVLWB. ADKFN Lands Office Staff reviewed the package and provided the comments.	Written notification - emailed letter.	Comments and recommendations on: Engagement Plan, Spill contingency Plan, Waste Management Plan, and Bridges and Culverts		requested items to be addressed in documents prior to submission to MVLWB.	Canadian Natural responded to letter indicating items that have been updated in application documents	Y - October 8, 2021 emailed letter	Y - October 8, 2021 emailed letter
Acho Dene Koe Band Land Services p: (867) 770-4571 c/o Landmark Resource Management Ltd. Attn: Julie Swinscoe / Margo Fleming adkfn@landmarkrm.com	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Acho Dene Koe Band Land Services p: (867) 770-4571 c/o Shared Value Solutions Attn: Scott Mackay, Lands Director/ Meghan Buckham, Lands Manager lands@adkfirstnation.ca	2021-09-24	Initial meeting with new Lands representatives - discuss expectations going forward.	Virtual face-to-face - Webex	Proposed work Concerns to be addressed Expectations Schedule Technical Follow-up meeting	Engagement Information sharing Review before submission to MVLWB	Requested shape files, requested more information on remediation/reclamation, keep ADKFN apprised of plans.	Plan second meeting to review technical aspects of program.	Y - follow-up technical meeting booked for July 14, 2021	Y - follow-up technical meeting booked for July 14, 2021
	2021-07-14	Follow-up technical meeting with ADKFN Lands and Technical Representatives from Canadian Natural	Virtual face-to-face - Webex	Technical Q&A	Surface structures on-leases, Winter access, Passive reclamation, cabins, sumps, groundwater, shapefiles, Phase I ESAs, monitors, fuel handling, consultation,	The meeting provided a forum for ADKFN Lands to ask specific questions and Canadian Natural technical representatives to provide answers and follow-up with requested information.	Canadian Natural responded to each question and will provide Phase I ESAs and shapefiles for the road and wellsites.	Y - September 14, 2021 package provided through FTP site.	Y - 2021-07-17 emailed notes/minutes.
	2021-09-14	Canadian Natural provided a draft package ready for submission to MVLWB for the WL application for ADKFN Lands staff to review and provide comment/feedback prior to submission.	Written notification - emailed letter.	requesting feedback			N/A	Y - September 14, 2021 package provided through FTP site.	Y - September 14, 2021 package provided through FTP site.
Acho Dene Koe Band Land Services p: (867) 770-4571 c/o Shared Value Solutions Attn: Scott Mackay, Lands Director/ Mark MacDougall, Lands Manager lands@adkfirstnation.ca	2021-10-05	ADKFN (on behalf of Sub Chief Brenda Berreault) letter with comments, recommendations, and requests based on complete DRAFT WL Application response package prepared for submission to the MVLWB. ADKFN Lands Office Staff reviewed the package and provided the comments.	Written notification - emailed letter.	Comments and recommendations on: Engagement Plan, Spill contingency Plan, Waste Management Plan, and Bridges and Culverts		requested items to be addressed in documents prior to submission to MVLWB.	Canadian Natural responded to letter indicating items that have been updated in application documents	Y - October 8, 2021 emailed letter	Y - October 8, 2021 emailed letter
Acho Dene Koe First Nation Corporate (ADK Holdings Ltd.) p: (867) 770-4571 Attn: Barney Dohm BarneyDohm@adkcorporat.ca	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program	Barney Dohm no longer with ADK Holdings Ltd. Email has been forwarded to Boyd Clark (Chair, ADK Holdings Ltd.) at boydclark@adkcorporat.ca			Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Dehcho First Nations p: (867) 695-2355 x.233 Dahti Tsetso, Resource Management Coordinator Dahti_tsetso@dehcho.org	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Dene Nation p: (867) 873-4081 x.34 Trevor Teed, Lands and Environment Director lands@denenation.com	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email

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Dene Tha' First Nation p: (780) 321-3774 Baptiste Metchooyeah, A/Director Lands Department baptiste.metchooyeah@denetha.ca	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Hamlet of Fort Liard Mike Rudkin, Senior Administrative Officer (SAO) p:(867)770-4104 sao@fortliard.com	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Hamlet of Fort Liard John McKee Senior Administrative Officer (SAO) p:(867)770-4104 sao@fortliard.com	2021-10-29	To notify rights holders and potentially affected parties of Canadian Natural's submission of additional information to complete the MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Pre-application notification was sent when the WL Application was originally submitted in November 2020. The associated LUP (MV2019X0014) was approved effective August 26, 2019.	Phone Call	Winter 2021/22 Abandonment and Reclamation Program Canadian Natural is open to training opportunities, employment and business opportunities for the community and to receive feedback on the proposed abandonment and reclamation program. Where possible, feedback will be used for project planning.	No issues raised. Indicated any issues would have been posted on council meeting minutes.			N	N
Nahanni Butte First Nation General Delivery Nahanni Butte, NT X0E 0N0 p:(867) 602-2900 Attn: Chief Darrell Betsaka chief.nbdb@gmail.com Roy Erasmus, Jr., Community Officer manager.nbdb@gmail.com Helen Ekotia, Finance finance.nbdb@gmail.com	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program	Bridges on access west of Liard River to P-16 (and beyond to P-66 under a separate LUP).	Nahanni Butte FN has requested bridges be left in place.	Canadian Natural is open to this request.	Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
Nahanni Butte First Nation General Delivery Nahanni Butte, NT X0E 0N0 p:(867) 602-2900 Attn: Chief Steve Vital chiefsteve.nbdb@gmail.com	2021-04-28	To notify traditional land users of Canadian Natural's plans to remove three bridges via helicopter and leave some culverts in place rather than disturb vegetative regrowth (30' trees) along the access.	Written notification - Email	Proposed access reclamation plan.	Bridges on access west of Liard River to P-16 (and beyond to P-66 under a separate LUP).	Nahanni Butte FN has requested bridges be left in place.	Canadian Natural is planning to remove the bridges via helicopter.	Y - email description of the proposed work and attached map showing where the 3 bridges are located.	Y - 2021-04-28 email
Nahanni Butte First Nation General Delivery Nahanni Butte, NT X0E 0N0 p:(867) 602-2900 Chief Steve Vital chiefsteve.nbdb@gmail.com Elliot Holland, Advisor to Nahanni Butte Dene Band (NBDB) Jim Betsaka, Councilor Jayne Konsenta, Councilor Soham Srimani, Community Officer	2021-04-05	Discuss bridge removal program and potential benefits to NBDB from this project	Webex (Virtual) Meeting	Bridge removal program, correspondence with GNWT-Lands inspector, and potential benefits to NBDB.	Bridges on access west of Liard River to P-16 (and beyond to P-66 under a separate LUP).	Requested an email to NBDB summarizing the request, copies of GNWT-Lands correspondence, and potential benefits to NBDB.	Requested a list of services available out of Nahanni Butte along with JV partners.		Y - 2021 05 04 email from NBDB indicating services and business partners. Y - 2021 05 13 email from NBDB indicating support for Canadian Natural's plans to leave culverts and trail in place and air lift bridges out.
Nahanni Butte First Nation General Delivery Nahanni Butte, NT X0E 0N0 p:(867) 602-2900 Chief Steve Vital chiefsteve.nbdb@gmail.com Elliot Holland, Advisor to Nahanni Butte Dene Band (NBDB) elliot.holland@imcprojects.ca	2021-10-29	To notify rights holders and potentially affected parties of Canadian Natural's submission of additional information to complete the MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Pre-application notification was sent when the WL Application was originally submitted in November 2020. The associated LUP (MV2019X0014) was approved effective August 26, 2019.	Phone call	Winter 2021/22 Abandonment and Reclamation Program Canadian Natural is open to training opportunities, employment and business opportunities for the community and to receive feedback on the proposed abandonment and reclamation program. Where possible, feedback will be used for project planning.	Nahanni Butte looks forward to working with CNRL on the bridge removal project by supplying hotel rooms and meals and any other opportunities.		Forwarded November 2020 email to Elliot Holland. Canadian Natural responded that they will work with Nahanni Butte on the bridge removal project.	Y - See the Oct 2021 Engagement Package attached	Y - 2021-10-29 email

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Sambaa K'e First Nation PO Box 10 Trout Lake, NT X0E 1Z0 p: (867) 206-2800 Attn: Chief Dolphus Jumbo chief@sambaakefn.com Jessica Jumbo, Environmental Coordinator environment@sambaakefn.com Ruby Jumbo, Senior Administrative Officer manager@sambaakefn.com	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email
	2021-10-29	To notify rights holders and potentially affected parties of Canadian Natural's submission of additional information to complete the MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Pre-application notification was sent when the WL Application was originally submitted in November 2020. The associated LUP (MV2019X0014) was approved effective August 26, 2019.	Phone call	Winter 2021/22 Abandonment and Reclamation Program Canadian Natural is open to training opportunities, employment and business opportunities for the community and to receive feedback on the proposed abandonment and reclamation program. Where possible, feedback will be used for project planning.	They were very busy during Covid in November and may have overlooked the email. Please email Jessica Jumbo.	Forwarded email from November 2020 to Chief Jumbo and Jessica Jumbo.		Y - Oct 29, 2021 emailed letter and map.	Y - 2021-10-29email
Sambaa K'e First Nation PO Box 10 Trout Lake, NT X0E 1Z0 p: (867) 206-2800 Jessica Jumbo, Environmental Coordinator environment@sambaakefn.com	2021-11-03	Follow-up consultation after updated notification of WL Application for 13-Well Abandonment and Reclamation Program.	Webex (Virtual) Meeting	Winter 2021/22 Abandonment and Reclamation Program Canadian Natural.	Concerned about wells closer to Celibeta Lake. Arrowhead may be a area of concern for caribou.	Review map from research in caribou area west of Saamba K'e.	Canadian Natural wells are over 30 km from Celibeta Lake. Await Jessica Jumbo's Nov 4 review of the caribou map. Potential effects and proposed mitigations for wildlife (including caribou) are in Canadian Natural's Environmental Protection Plan for the project.	Y - emailed map showing proximity of Canadian Natural's program to Celibeta Lake.	N
Sambaa K'e Development Corporation p:(867)206-2025 Ruby Jumbo skdcorp@yahoo.ca	2020-11-12	To notify potentially affected parties of Canadian Natural's proposed MVLWB WL Application for the 13-Well Abandonment and Reclamation Program. Discuss training opportunities, employment and business opportunities for the community. Receive feedback on the proposed abandonment and reclamation program. Where possible, use feedback for project planning.	Written notification - Email	New WL Application. Winter 2020/21 Abandonment and Reclamation Program				Y - See the Nov 12, 2020 Engagement Package attached	Y - 2020-11-12 email