



**Prairie Creek Mine All Season Road
Phase 1 Winter Road
Revised Engagement Plan**

Conformity Table –Directives

Item	Requirements	Review Comment Ref. May 15, 2019	Section of Plan
a.	Update to include engagement records and an engagement plan with Acho Dene Koe First Nation.	ADKFN-3; PC-111	Section 3.3 & Attachment 1
b.	Details of the framework for the Dene monitoring program, in response to Measure 15-4.	LKFN-1	Sections 2.2 & 2.3
c.	Include details for Dene monitor involvement in the process of monitoring for Seepage along the road (as per the Geochemical Verification Program).	LKDFN-6	Sections 2.2 & 2.3.2
d.	Include details for Dene monitoring involvement in borrow investigation.	LKDFN-7	Section 2.3.2
e.	Include details for the identification training and tools for the Dene Monitors to enable them to participate in ongoing monitoring for rare, culturally valued, protected and invasive plant species.	LKFN-8; LKFN-9	Section 2.3.2
f.	Include details for how LKFN and NDDDB will have the opportunity to review an updated AIA prior to any new land disturbance.	LKFN-11	Section 2.7
g.	Update Traditional Knowledge considerations for the Phase 1 winter road in accordance with Measure 10-1 (iii). Provide details of engagement for Plans that incorporated TK, and the mechanism.	PC-9	Sections 2.5 & 2.6
h.	Update Engagement Records and Engagement Plan to include timeline for negotiation of agreements with Łíídlıı Kúę First Nation and Nahanni Butte Dene Band	PC-109	Section 2.1
i.	Explain how Measure 10-2 and Measure 10-1 parts I and ii will be met prior to construction of Phase 1.	PC-112	Sections 2.6 & 2.7

1.0 INTRODUCTION

CZN has had a regional presence in Fort Simpson since 2008. CZN expects to maintain and expand its presence in the region to support development of the Prairie Creek project and for regional community participation.

CZN concluded an Impact Benefits Agreement (IBA) in January 2011 with the Naha Dehe Dene Band (NDDDB), and an IBA with the Liidlii Kue First Nation (LKFN) in June 2011 for the project which, at that time, was envisioned as a Mine serviced by a winter road. These IBA's include provisions for community liaison positions and multiple committee meetings each year to review

the implementation of agreement provisions and mechanisms to address any community concerns. IBA implementation meetings were initiated recently. The IBA's also apply to the Phase 1 winter road (WR).

During EA0809-002 for the Mine and winter road, CZN presented the concept of a Technical Advisory Committee (TAC) to provide a formal mechanism for engagement with indigenous groups and to address concerns. A draft terms of reference for the TAC was provided. A copy is attached. The scope of the TAC will be extended to broadly include the access road.

Subsequent to the issue of the Report of EA (REA) for EA1415-01 on the all season road (ASR), CZN agreed to negotiate an Environmental Management Agreement (EMA) with the NDDDB and LKFN to provide for the participation of the First Nations in all aspects of the access road, including independent Dene monitoring. As further explained below, the EMA and TAC, together with the IBA implementation committees, will provide the cornerstones of CZN's formal engagement for the WR, while informal engagement via CZN's presence in the region will continue.

2.0 EMA

2.1 AGREEMENT NEGOTIATION

An EMA has been negotiated with the NDDDB and LKFN to provide for the participation of the First Nations in the WR and ASR developments.

Subsequent to the issue of the Report of EA (REA) for EA1415-01, CZN agreed to negotiate an EMA with the NDDDB and LKFN to provide for the participation of the First Nations in all aspects of the access road. The EMA was negotiated over many months with face-to-face negotiation meetings occurring on the following dates:

- June 5, 2018
- July 4, 2018
- October 26, 2018
- November 28, 2018
- March 11, 2019
- April 9, 2019

Many other teleconference meetings were held in between the above-noted dates. A multi-year EMA implementation budget was agreed in April 2019, and an EMA text was finalized for signature by the parties in the same month. However, LKFN's legal counsel indicated that LKFN would not be ready to sign the EMA text until other accommodations (a road-related benefit agreement, or RBA) had been agreed between LKFN and CZN. Negotiations on those accommodations had not reached a mutually agreeable conclusion at the time of LKFN's letter to the Board dated November 5, 2019 and CZN's reply dated November 6, 2019. NDDDB's letter to the Board dated November 14, 2019 confirmed that the NDDDB has "substantively agreed to an Environmental Management Agreement with CZN and LKFN that provides mechanisms to

address any concerns they may have regarding the effects of the proposed road on the lands and the environment, including Dene-led independent monitoring”.

CZN held further discussions with the LKFN regarding the signing of the EMA and additional benefit accommodations on November 17, 2019. An agreement on the latter, subject to approval by CZN’s Board and LKFN’s full council and members, was reached on November 22. Therefore, we anticipate signature of the EMA in the near future.

2.2 AGREEMENT SCOPE

The EMA will cover pre-construction planning, the review of management and monitoring plans, the implementation of various measures recommended by the Review Board in the REA, the sharing and incorporation of Dene Knowledge (DK) and values into Project design, and independent Dene monitoring of the environment and wildlife.

Implementation of the EMA will be overseen and managed by a Road Oversight Committee (ROC), composed of CZN, NDDDB and LKFN representatives. The EMA has provisions such that the ROC can determine its’ own terms of reference, by mutual consent, and make adjustments to review and monitoring requirements as necessary. The ROC will appoint a Monitor Coordinator to direct and manage independent Dene Monitors. The ROC will meet approximately 3 times per year, or more or less frequently, as the situation dictates, again by mutual consent. Provisions are also made for feedback to the respective communities on an annual basis, via reporting and ‘town hall’ meetings. The schedule of ROC meetings will be aligned with that of the Technical Advisory Committee (TAC) for efficiency. The intention is that the ROC will summarize implementation of the EMA and road operation results at the broader TAC meetings (covering the Mine and access road), at which other indigenous groups will have the opportunity for review and consideration.

2.3 MONITOR COORDINATOR AND DENE MONITORS

2.3.1 Roles and Responsibilities

The Monitor Coordinator (Coordinator) will coordinate the Dene Monitors (DM’s), but also undertake administration and monitoring. During ASR construction, the Coordinator will be one of the Dene Monitors on the road. During ASR operations, the Coordinator will be based at the Mine site. That assignment is unlikely to be full-time, so the individual will have time for some administration and monitoring in addition to duties at the Mine site, depending on season.

During WR and ASR construction, it is assumed that when there is only one monitor working, a designated Coordinator is not required. When there is more than one DM working, one will be designated as the Coordinator.

2.3.2 Type of Work

For the WR, the DM’s will observe construction, check adherence to management and monitoring plans, monitor road access, and log wildlife sightings and the presence of bear dens

and/or raptor nests. The DM's will also monitor the geotechnical investigation work program, including efforts to minimize disturbance, and replacing soils in test pits.

For the ASR, DM's' workload is expected to be greatest related to water quality in quarters Q2 and Q3. In Q1 and Q4, streams are either dry or frozen over and there is no runoff due to no rainfall and snow cover. There will be monitoring of fish, aquatic life and vegetation (rare plants and invasive species). Monitoring of wildlife during construction is expected to be a significant aspect, and related to observations and checking of species presence and required construction set-back distances. Evidence of seepage, and the quality thereof, will also be checked in relation to borrow locations and material placed for road construction.

Monitoring requirements are expected to be less during ASR operations, and will consist of observations and specific short-duration surveys (e.g. swallows, pikas). Other limited monitoring activities during operations will include checks for invasive plants (weeds), road bed sampling for metals (to confirm no concentrate tracking/loss), and engineering inspections of crossing structures.

In collaboration with the ROC, CZN will ensure that the DM's are suitably trained and equipped for all activities. This will include water sampling protocols, and the identification and monitoring of rare, culturally valued, protected and invasive plant species.

2.4 EXPANSION OF THE TAC

In the REA, Suggestion 15-4 states:

“The Review Board suggests that the mandate and activities of the TAC be expanded, such that the TAC can design and approve its own Terms of Reference, including consideration of:

- i. the frequency, objectives and scope of site visits; and
- ii. input into adaptive management frameworks including setting appropriate and protective action levels;
- iii. ways the TAC can support or compliment the Aboriginal monitoring initiatives referred to in Measure 15-4, such as:
 - o ensuring that Traditional Knowledge is collected and used appropriately,
 - o sharing resources, and
 - o providing a venue for addressing community concerns and reporting to communities.”

The EMA includes provisions addressing all of these requirements, and in so doing, the EMA effectively means that the mandate and activities of the TAC have been expanded and Suggestion 15-4 has been fulfilled.

2.5 EMA INITIATED

While an EMA agreement has not yet been signed, the parties have proceeded with implementation of the requirements of the EMA as though an agreement is in place. The first ROC meeting took place on August 15, 2019 in Fort Simpson to review and consider Phase 1

winter road (WR) management and monitoring plans. Prior to the meeting, CZN had circulated drafts of the plans to a traditional knowledge (TK) consultant acting on behalf of the NDDDB and LKFN, Thorpe Consulting, for review and comment, and to Kathy Racher, a technical consultant also acting on behalf of NDDDB and LKFN. Both consultants were selected by NDDDB and LKFN, and are being funded by CZN. Review comments were discussed with community members from both NDDDB and LKFN at the August 15 ROC meeting. Many of the comments were not considered to be important to the Bands. However, guidance was provided as to which comments should be included in updated plans. CZN has subsequently incorporated these into revised versions of the Phase 1 plans and provided copies to Ms. Racher. Ms. Racher also provided specific adaptive management advice re TK integration via the Dene monitors, which has been included in the plans. Evidence of this process can be found in Comment No. 6 by Ms. Racher on the draft ASR permits. Discussions were also held regarding the appointment of Dene Monitors to oversee road construction and operations. CZN is ready to move forward with this activity, as was described in the Technical Session in Yellowknife last June.

2.6 TRADITIONAL KNOWLEDGE

Regarding the integration of TK and DK, the EMA parties agreed that CZN would fund the appointment of TK consultants to acquire and assist with the application of relevant TK to the project. NDDDB completed an extensive TK study in 2009. LKFN considered that their TK database for the ASR was lacking. NDDDB and LKFN agreed that a TK consultant would assist with applying existing TK to the Phase 1 WR, specifically management and monitoring plans (see Section 2.5 above). Thorpe Consulting was hired for this task. Simultaneously, SVS Consultants was hired by LKFN, funded by CZN, to document relevant TK on behalf of LKFN. These steps have been completed. The next step is for Thorpe to integrate the two TK sources and assist with its application to the Phase 2 ASR.

At the ROC meeting in August 2019, a significant outcome of the discussions was that the ROC does not consider DK to be static, and that Dene Monitors will provide DK advice on an on-going basis during WR activities. This guidance has been incorporated into the adaptive management approaches defined in the management and monitoring plans. Further input by the ROC, and consultants to it, is expected prior to WR construction, including appointment and orientation of Dene Monitors. Referring to the August meeting, the NDDDB noted in their letter of November 14 that “community members from NDDDB and LKFN provided CZN with advice based on traditional and ecological knowledge”. NDDDB also said that “We are satisfied that CZN has undertaken the necessary engagements, sufficiently incorporated traditional knowledge and made suitable commitments to allow the winter road to be built”.

2.7 ARCHAEOLOGICAL IMPACT ASSESSMENT

Available traditional knowledge and community interviews were incorporated in the survey design of AIA’s conducted for the winter access road in 2009 and 2012. The 2009 survey was based on the results of a Traditional Knowledge Assessment of the Prairie Creek Mine Operation (Nahá Dehé Dene Band, 2009) and supplemented by interviews with community members prior to undertaking the field work (Prager, 2009). The 2012 AIA also included interviews with community members to identify high potential areas (Murphy, 2012) and both surveys included the participation of community members in the field assessments. Traditional knowledge used in

the design of the AIA's included the importance of Grainger Gap, Wolverine Pass, the Tetcela River, the north bank of the Liard River and Bluefish Lake as important use areas for Nahanni Butte people. NDDDB members also discussed the specific location of trails and camps that are currently used for traditional activities along the Liard River and Nahanni Front Range.

CZN discussed the proposed activities of a preliminary or Phase 1 WR AIA with the NDDDB and LKFN on July 4, 2018 at a joint meeting in Fort Simpson¹. The WR AIA was to investigate locations of disturbance related to geotechnical investigations of the ASR (boreholes and test pits), and the construction of non-typical WR sections involving some soil disturbance. Each First Nation was invited to nominate participants for the AIA fieldwork. In 2018, the AIA included the participation of elder Leon Konisenta from the NDDDB and Suz'A Tsetso from the LKFN. For the 2019 continuation of the preliminary AIA, NDDDB and LKFN nominated Leon Konisenta and Judy Sabourin, respectively. A preliminary AIA report has been prepared which will be circulated to the PWNHC, Parks Canada, the NDDDB and LKFN imminently and prior to WR activities.

Prince of Wales and Northern Heritage Centre (PWNHC) permit applications for the AIA were sent out to the Dehcho First Nations, Nahanni Butte Dene Band, Acho Dene Koe First Nation, Liidlii Kue First Nation, and the Fort Simpson Métis Local by the Cultural Places Program for review and comment for a period of 30 days.

For the Phase 2 ASR, an additional and more extensive AIA will build on all of the previous archaeological work, including the results of the preliminary AIA for the WR. The Phase 2 AIA will:

- draw from the 2009, 2012, 2018 and 2019 AIA's
- include the results of the Archaeological Overview Assessment
- incorporate results from the current Dene Knowledge Study and other TK provided during community meetings (see Section 3.3.1 above)
- occur following engagement with the NDDDB and LKFN regarding avoiding impacts on heritage resources
- be based on a scope developed following engagement with the NDDDB, LKFN, Parks Canada and the GNWT

3.0 SPECIFIC ENGAGEMENT PLANS AND LOGS

3.1 NDDDB

CZN signed an Impact Benefit Agreement (IBA) with the NDDDB in January 2011 acknowledging NDDDB's aboriginal rights and interests in the area of the proposed Prairie Creek

¹ During a negotiation meeting between CZN, NDDDB and LKFN regarding an Environmental Management Agreement, on-going study requirements were also discussed, including the need to conduct a preliminary AIA for geotechnical investigation locations and non-typical sections of the proposed initial winter road. NDDN and LKFN agreed to each nominate a community assistant for the AIA, and voiced no other concerns regarding the work

Mine, recognizing that the NDDDB must be engaged with on project development plans, and providing a mechanism for effective communication and co-operation between NDDDB and CZN.

CZN has agreed to use its commercial best efforts to fill employment opportunities by giving priority to NDDDB members and also acknowledge the NDDDB will benefit from business opportunities associated with the development and operation of the Prairie Creek Project.

CZN has agreed to undertake certain social measures relating to the Project, including assistance in the future development of business opportunities and in capacity building. CZN has also agreed to make contributions to an Educational Fund to assist NDDDB members seeking vocational or technical skills training or education and will also make apprenticeship positions available to NDDDB members.

The IBA provides for the formation of an implementation committee, with formal meetings proposed three times per year.

CZN negotiated a Traditional Land Use Agreement (TLUA) with the NDDDB, signed in January 2019. The TLUA provides benefits to the NDDDB in addition to those included in the IBA, in recognition of the additional impacts associated with the access road. The TLUA delivers a framework such that preference for training, employment, business contracts, and community capacity programs are available to NDDDB. The TLUA includes the establishment of a committee to oversee implementation of the Agreement, the Nahanni Implementation Committee (NIC), in conjunction with the IBA, and to support NDDDB liaison roles to gain employment and business capacity for the benefit of NDDDB members and businesses. The NIC has met three times already. The committee will also meet formally three times per year, on the same schedule as the EMA and TAC. Also similarly, at least annual community meetings to discuss the status of implementation of agreements are expected.

A post-REA Engagement Log is provided in Attachment 1.

3.2 LKFN

CZN signed an IBA with the LKFN in June 2011. CZN agreed to maximize LKFN Members' employment in the Project, directly or through its contractors, to give opportunities to LKFN businesses in the provision of goods and services and to support the use of LKFN businesses.

CZN and LKFN agreed to establish a Liaison Committee to oversee implementation of the Agreement, to ensure that LKFN Members are fully informed about the Project, ensure that proper consultation and communication are undertaken, and to facilitate and co-ordinate the delivery of business and employment opportunities and benefits from the Prairie Creek Mine to LKFN Members and businesses.

CZN agreed to undertake certain social measures relating to the Project, including assistance in the future development of business opportunities and in capacity building. CZN agreed to make contributions to the Liidlii Kue Dene Trust Fund to be used to assist in solving social concerns, such as problems of elders and youth, language, health and welfare, and maintenance of LKFN traditional pursuits.

CZN also agreed to make contributions to an Educational Fund to assist LKFN members seeking vocational or technical skills training or education, and to a Community Fund to support ongoing community youth and health programs and activities.

CZN is in the final stages of negotiating a Road Benefit Agreement (RBA) with LKFN to similarly provide benefits additional to the IBA in relation to the ASR. While the RBA has been advanced to LKFN member ratification, it has not yet been concluded. The RBA will have similar provisions as the TLUA with respect to advantages for training, employment, business contracts, community capacity programs, and implementation committee alignment. CZN agreed to fund two staff positions as part of the RBA, a Career Officer and a Business Officer. The RBA includes the establishment of a committee to oversee implementation of the Agreement, the Liidlii Kue Implementation Committee (LKC), in conjunction with the IBA, and to support LKFN liaison roles to gain employment and business capacity for the benefit of LKFN members and businesses. The LKIC is to meet three times per year. Although the RBA has not yet been signed, the LKIC has met once already.

A post-REA Engagement Log is provided in Attachment 1.

3.3 ADKFN

An Engagement Log is provided as Attachment 1 which documents the more notable recent engagements with the ADKFN (many more communications occurred). CZN has an ongoing engagement with ADKFN in the development of training programs, business opportunities, and sponsorship of its community events. ADKFN businesses are actively seeking contract opportunities with the Prairie Creek Mine.

ADKFN has provided input on the development of CZN's site employment and safety policies, as well as provided a HR Strategic Plan presentation at the July 17, 2019 NorZinc Regional Committee in collaboration with CZN.

On November 12, 2019, ADKFN and CZN agreed to start discussions to advance a benefits agreement, intended to provide commitments and opportunities for training, employment, business, and direct community support. As a result of ADKFN's upcoming benefits agreement, existing capacity for business, active participation in training and employment programs, collaboration in government funding applications, and implementation committees, we anticipate a very active ongoing engagement with ADKFN.

3.4 TRAINING AND EMPLOYMENT

Regarding skills and training, in support of the Company's commitment to build skill set capacity for Dehcho residents to be considered for employment positions at the Mine, CZN partnered with neighbouring First Nation communities, the GNWT, the Federal Government of Canada, the Mine Training Society (MTS) and Aurora College to deliver a 3-year, \$4 million "Silver Lining" training program which was administered locally in Fort Simpson. The training courses offered under the Silver Lining program included Mine Administration, Heavy Equipment Operator, Environmental Monitor, Camp Cook, Road Construction, Diamond Driller, Mineral

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Exploration Field Assistant, Class 5 Driver Licence, Advanced Medical First Responder, Small Engine Repair, Building Trades Helper, and many others. The program's target outcome was to create employment opportunities for 70 Dehcho residents.

The program operated from March 2011 to March 2014, and had a total of 264 individuals participating in 23 training courses, including 8 courses delivered at the Mine. Based on MTS' Silver Lining completion report, 109 participants have been employed and another 20 have returned to school. All parties were delighted with exceeding the Silver Lining program's proposed targets.

In 2019 CZN and MTS have submitted another multi-year training funding application under the federal Gov't program to deliver targeted training for regional residence to align with the employment onboarding requirements for the Prairie Creek Mine. Recently, regional training collaborations have delivered Intro Into Mining, Safety Boot Camps, Heavy Equipment Operator training, Class 7 and Class 5 training to prepare local residents for employment opportunities related to the Project's construction phase.

On February 28, 2019 local indigenous communities, local businesses, CZN, GNWT departments, and northern training institutions joined together to establish the NorZinc Regional Committee (NRC). The NRC has held 5 bi-monthly face-to-face meetings, with members also calling in for these NRC meetings. The purpose of the NRC is to plan, collaborate, and deliver business and employment objectives associated with the Prairie Creek Mine and other major projects in the Dehcho Region such as the upcoming Mackenzie Highway project. The NRC also promotes a culture of high standards towards worker well-being, safety and environmental awareness. The local communities served by this committee include Fort Simpson, Fort Liard, Trout Lake, Nahanni Butte, Wrigley, and Jean Marie. The NRC members include:

- Acho Dene Koe First Nation
- Aurora College
- Dehcho Business Development Centre
- Dehcho Divisional Education Council
- Dehcho First Nations
- Dehcho Health & Social Services
- GNWT Department of Infrastructure
- GNWT Education, Culture and Employment
- GNWT Industry, Tourism and Investment
- Liidlii Kue First Nation
- Mine Training Society
- Naha Dehé Dene Band
- NorZinc Ltd.
- Sambaa K'e First Nation
- Tthets'éhk'edéli First Nation

3.5 WINTER ROAD BUSINESS JOINT VENTURE

CZN agreed to the beneficial participation of the NDDDB and LKFN in the construction and operation of the WR. The indigenous groups have formed a joint venture (JV) in order to select a preferred contractor following a collaborative tendering process, and receive financial, employment and business capacity benefits from the contract. CZN has had many discussions with the JV, and expects to continue with these discussions before, during and after the contract.

3.6 SOCIO-ECONOMIC AGREEMENT

A Socio-economic Agreement (SEA) between the GNWT and CZN was signed in August 2011. The SEA is intended to ensure benefits flow to the ‘north’ from an operating Prairie Creek Mine, and commitments made during EA’s and permitting are kept. Most of the provisions of the SEA are specific to the construction and operating period.

The SEA contains a listing of hiring priorities, employment commitments, and hiring requirements for contractors. CZN has adopted the noted hiring priorities for some time regarding the staff compliment currently on site. Regarding contractors, CZN has encouraged drilling and mining contractors to use as many local employees as possible. Regarding future contracts, as noted above, CZN has requested commercial tendering for a number of items, and these bids proposal must include reference to the employment commitments of the SEA, and make it clear that successful contractors must comply with these, and that northern content receives additional evaluation criteria within the bid proposal evaluation process.

The SEA calls for the establishment of a SEA Committee which will oversee compliance with the SEA. The committee has not yet been formed, but initial meetings have occurred in preparation. The SEA committee was anticipated to start prior to the Project’s commencement of construction. On October 16, 2019 the Socio-Economic Advisory Committee held its kick-off meeting in Yellowknife. The committee will meet twice a year and will include local indigenous communities.

3.7 INDUSTRY SHARED LEARNINGS

With some existing NWT mines moving towards completion of operations CZN has begun communication with Diavik Diamond Mines and the Northern Mining Health & Safety Forum to gain valuable learnings to support advancement of the Prairie Creek Mine’s socio and operational objectives. In November 2019, Diavik was agreeable to sharing best practices on community participation, and effective road operations planning. With the Prairie Creek Mine entering its start-up and construction phase, NZC has been invited to join the Northern Mining Health & Safety Forum to gain considerable knowledge from other NWT and Nunavut operating mines.

These industry collaborations could lead to important benefits for existing mines meeting their SEA commitments in the transitioning of their workforce, and providing crucial experience for residents in the Dehcho and NWT during the start-up phase for the Prairie Creek Mine.

Attachment 1

POST-REA ENGAGEMENT RECORD AND LOG - NDDB

Date	NDDB Representative	Engagement Type	Details
2018			
Feb. 19	Chief	Letter to Band	Informing Band of INAC IR's and requesting an engagement meeting.
Mar. 5	Chief	Letter to Band	Again requesting an engagement meeting and providing a draft IR response for review.
Mar.13	Chief	Letter to Band	Noting a planned Mar. 21 meeting and our hope to discuss the IR's.
Mar. 21	Chief, councillors	Meeting	Discussed main points of IR's. Advised that engagement with LKFN occurring.
Apr.2	Chief	Letter to Band	Record of the main points of the Mar. 21 meeting and provide a revised draft IR response.
Apr. 20	Legal counsel	Call	Introduction to present permit issues including INAC IR's.
Apr. 26	Legal counsel	Call	Discuss suggestion of Environmental Management Agreement (EMA) between CZN, NDDB and LKFN to address Indigenous participation in All Season Road, and proposal to agree memorandum of understanding (MOU) between same parties to provide framework and funding for negotiation of the EMA. Also discuss a MOU for further negotiation of a supplemental benefits agreement (Traditional Land Use Agreement (TLUA)). CZN drafted an MOU for further negotiation of a TLUA after the call.
May 2	Legal counsel	Call	Further discuss EMA, NDDB's report on talks between NDD and LKFN re EMA. Agreed that an MOU be developed. CZN produced a draft the next day. Discuss plans for meeting to continue TLUA negotiations.
May 10	Legal counsel	Call	Discuss NDDB and LKFN comments on draft MOU for EMA. Discuss NDDB comments on draft MOU for TLUA, and details for future negotiation meeting.
May 18	Legal counsel	Email	Received signed MOU (renamed Process Agreement) for EMA negotiation from NDDB.
May 23	Chief; Councillor Konisenta and Advisors	Meeting	Joint meeting with LKFN. The parties agreed to commence negotiation of an EMA, and pencilled-in meeting dates for June, July and August, with the target of concluding an agreement by August 31. NDDB-LKFN agreed to discuss EMA approach with DFN.
June 5	Chief; Councillors*, legal counsel and advisor	Meeting	Joint meeting with LKFN. 1 st EMA meeting. Discussed funding for EMA negotiations, support for changes to existing permits, letter to Minister re Process Agreement for EMA negotiation, letter to DFN re support for EMA, suitable model for EMA. Agreed EMA will cover Indigenous group involvement on all aspects of the ASR as per the REA.
July 4	Councillors*, legal counsel and advisor	Meeting	Joint meeting with LKFN. Discussed funding and finance for EMA negotiations, support for changes to existing permits, proposed summer fieldwork (invasives, soil sampling, preliminary AIA for main geotech. investigation locations). Re EMA, discussed committee to oversee/manage implementation, composition, Dene monitoring, training.
Aug. 14	Chief, SAO, Councillor Konisenta, legal counsel, advisor	Conference call	Joint call with LKFN. Discussed latest draft EMA agreement, EMA committee composition, composition of Dene monitors, frequency and costs of monitoring. Update on summer fieldwork.
Aug. 22	Councillor	Conference	Joint call with LKFN. Discussed latest draft EMA agreement, frequency and costs of

Date	NDDB Representative	Engagement Type	Details
	Konisenta, legal counsel, advisor	call	monitoring. Update on summer fieldwork.
Oct. 18	Councillor Konisenta, legal counsel, advisor	Conference call	Joint call with LKFN. Discussed preparations for meeting next week, latest changes to draft EMA agreement, cost estimate for EMA implementation including monitoring.
Oct. 26	Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. Discussed key provisions in the draft EMA agreement, basis for cost estimate for EMA implementation, including objectives, frequency and workload for monitoring.
Nov. 28	Chief, Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. Discussed key provisions in the revised draft EMA agreement, EMA cost estimate provisions for coordination and administration
Dec. 12	Jim Betsaka, Prescila Betsaka	Calls	NDDB requested support for funding Elder Flora Cli's funeral services. NZC agreed to fund part of the funeral services
Dec. 12	Roxanne Konisenta	Emails	Completion of Mine Training Society program of the Safety Boot Camp in Nahanni Butte.
Dec. 13	Legal counsel, advisor	Conference call	Joint call with LKFN to discuss roles and provisions for coordinator and administration in EMA.
2019			
Jan. 14	Prescila Betsaka	Call	NDDB requested funding support for Elder Tommy Bestaka's funeral services; NZC provided funding for the services.
Jan. 15	Nahanni Community	Winterfest	2019 Winterfest Event held for Nahanni Community
Jan 15	Chief, Councillors*, legal counsel, advisor	Ceremony	TLUA signed in Nahanni Butte
Jan. 16	Chief, Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. Further discussion on key provisions in the revised draft EMA agreement, and roles and cost estimate provisions for coordination and administration. Also, the entity that will contract EMA services to the Mine.
Jan.17	Legal counsel	Meeting	Meeting with ITI (Pam Strand) Yellowknife to facilitate funding for TLUA signing event at RoundUp event in Vancouver.
Jan. 29	Jayne Konisenta, Jim Betsaka, Brian Ekotla	Meeting	Held first IBA implementation committee meeting at NZC office in Vancouver.

Date	NDDB Representative	Engagement Type	Details
Jan. 30	NDDB Leadership, legal Counsel	Ceremony	TLUA signing ceremony at Vancouver RoundUp Event
Feb. 26	Jayne Konisenta, Lena Marcellais, Jim Betsaka	Meeting	Meeting on Heavy Equipment Operator training program on Nahanni Access Road. Meeting was with Aurora College Reps.
Mar. 11	Chief, Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. Further discussion on key provisions in the revised draft EMA agreement, cost estimate and roles for coordination and monitoring.
Mar. 20	Chief, Stacey Marcellais, Lila Erasmus	Letter	NDDB providing NZC letter of support for National Trades Corridor Funding.
Apr. 9	Chief, Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. Further discussion on key provisions in the revised draft EMA agreement, and roles for coordination. Final budget.
Apr. 15	Jim Betsaka	Call	Discussed support for CanNor funding programs to support role of business consultant.
May 16	Jim Bestaka, Jayne Konisenta, Helen Ekotla	Meeting	IBA implementation meeting
May 29	Chief, legal counsel, advisors	Conference Call	Joint call with LKFN. Discussing the process for the winter road business opportunity for LKFN and NDDB.
June 9	Kyra Tanche	Letter	Submitted application for NZC scholarship; Awarded scholarship
June 26	Kayla Betsaka	Letter	Submitted application for NZC scholarship. Awarded scholarship.
July 17	Chief	Letter	NZC received signed confidentiality letter for winter road tendering process
Aug. 13	Samantha Berens	Letter	Submitted application for NZC scholarship. Awarded scholarship.
Aug. 15	Chief, Councillors*, legal counsel, advisor	Meeting	Joint meeting with LKFN. First meeting of the EMA Road Oversight Committee (ROC). Discuss TK integration and review comments on the draft Phase 1 management and monitoring plans. Discuss progress of road summer fieldwork and composition of team for Phase 1 AIA investigation.
Aug. 16	Chief, Jayne Konisenta, Lena Marcellais	Meeting	IBA implementation meeting

Date	NDDB Representative	Engagement Type	Details
Aug. 19	NDDB Chief and Council, and Community	Community Event	Annual BBQ event held in Nahanni Butte
Aug. 27	Jayne Konisenta, Roxanne Konisenta	Calls	NDDB coordinated with NZC to provide participants in NZC's Road Field Studies.
Sept. 7	Roxanne Konisenta	Calls, Emails	Generating NDDB members list for long-term and short-term employment.
Sept. 9	Roxanne Konisenta	Emails	Follow up on candidates for Heavy Equipment Operator training program in Fort Simpson;
Oct. 9	Roxanne Konisenta	Calls and Emails	Arrangements made for NDDB assistance with NZC, Allnorth and Interfor representatives visiting winter road location.
Oct. 16	Chief, Jim Betsaka, Peter Marcellais, Jayne Konisenta, Accountant	Conference Call	Discussing business opportunities for the harvesting of timber along the all-season access road for NDDB's use.
Oct. 18	Chief, Greg Holinzki, and Jean-Marie Konisenta	Meetings	NDDB assistance with NZC, Allnorth and Infracon representatives site survey of winter road location.
Nov. 11	Jayne Konisenta	Email, Photos	NDDB provided NZC update work on NDDB's Access Road done by GNWT to improve safety for increased activity.
Dec. 2	Band Manager	Call	Discuss planning of 2020 Winterfest, and meeting Dec. 5 in Fort Simpson.

* J. Konisenta and J. Betsaka

POST-REA ENGAGEMENT RECORD AND LOG - LKFN

Date	LKFN Representative	Engagement Type	Details
2018			
Feb. 19	Chief	Letter to Band	Informing Band of INAC IR's and requesting an engagement meeting.
Mar. 1	Chief	LKFN letter to CanNor	Letter cc to CZN, received Mar. 13. Notes that CZN's plans to respond to the IR's have not been disclosed, that LKFN will need to seek advice, and that adequate resources are required for meaningful engagement.

Date	LKFN Representative	Engagement Type	Details
Mar. 5	Chief	Letter to Band	Again requesting an engagement meeting and providing a draft IR response for review.
Mar. 6	Chief	LKFN letter	To CZN, received Mar. 13. Repeats and expands on expectations for engagement, including request for workplan and agenda, and provides some comments on the draft IR replies.
Mar.13	Chief	Letter to Band	Noted receipt of Mar. 1 and 6 letters. Questioned the need for provisions for technical advice prior to permitting, noting CZN is not in a position to consider such provisions. Stated that CZN will draft a workplan and agenda.
Mar. 22	Chief, staff	Meeting	LKFN re-iterated engagement requirements, including adequate resources. LKFN advised an expected budget of \$80,000-120,000. CZN discussed project and independent monitoring. CZN referred to the Environmental Management Agreement (EMA) that LKFN had recently signed with Enbridge, and that CZN would be willing to consider a similar approach for the all season road.
Apr.2	Chief	Letter to Band	Record of the main points of the Mar. 22 meeting and a revised draft IR response.
Apr 13	Chief	Email to Chief	Requesting meeting.
Apr 18	Chief & Legal Counsel	Meeting	Discussed IR's and concept of Environmental Management Agreement, importance of co-operation between Indigenous groups and position of NDDB.
Apr 24	Legal counsel	Email	Proposed interim MOU to provide structure and a road map to ongoing negotiations.
Apr 28	Chief	Call	NDDB and LKFN Chiefs have agreed to work together.
May 2	Legal Counsel	Call	NDDB and LKFN agreed to work together on the Environment Management Agreement concept. Discussed outline contents of EMA and possible parties thereto.
May 3	Legal counsel	Email	CZN provided a draft MOU for an EMA, sent to NDDB who subsequently shared a copy of it and discussed it with LKFN.
May 15-16	Legal counsel	Email reply	Comments provided on draft MOU for EMA.
May 18	Legal counsel	Email	Received signed MOU (renamed Process Agreement) for EMA negotiation from LKFN.
May 23	Chief & Legal Counsel	Meeting	Joint meeting with NDDB. The parties agreed to commence negotiation of an EMA, and pencilled-in meeting dates for June, July and August, with the target of concluding an agreement by August 31. NDDB-LKFN agreed to discuss EMA approach with DFN.
June 5	Chief; legal counsel, staff, advisor	Meeting	Joint meeting with NDDB. 1 st EMA meeting. Discussed funding for EMA negotiations, support for changes to existing permits, letter to Minister re Process Agreement for EMA negotiation, letter to DFN re support for EMA, suitable model for EMA.
July 4	Chief, Councillors*, legal counsel and advisor	Meeting	Joint meeting with NDDB. Discussed funding and finance for EMA negotiations, support for changes to existing permits, proposed summer fieldwork (invasives, soil sampling, preliminary AIA for main geotech. investigation locations). Re EMA, discussed committee to oversee/manage implementation, composition, Dene monitoring, training.
Aug. 14	Legal counsel, staff, advisor	Conference call	Joint call with NDDB. Discussed latest draft EMA agreement, EMA committee composition, composition of Dene monitors, frequency and costs of monitoring. Update on summer fieldwork.

Date	LKFN Representative	Engagement Type	Details
Aug. 22	Legal counsel, staff, advisor	Conference call	Joint call with NDDDB. Discussed latest draft EMA agreement, frequency and costs of monitoring. Update on summer fieldwork.
Oct. 18	Legal counsel, staff, advisor	Conference call	Joint call with NDDDB. Discussed preparations for meeting next week, latest changes to draft EMA agreement, cost estimate for EMA implementation including monitoring.
Oct. 26	Chief, Councillor Nahanni, legal counsel, staff, advisor	Meeting	Joint meeting with NDDDB. Discussed key provisions in the draft EMA agreement, basis for cost estimate for EMA implementation, including objectives, frequency and workload for monitoring.
Nov. 28	Chief, staff, Councillors Nahanni and Menicoche, legal counsel, advisor	Meeting	Joint meeting with NDDDB. Discussed key provisions in the revised draft EMA agreement, EMA cost estimate provisions for coordination and administration
Dec. 13	Legal counsel, advisor	Conference call	Joint call with NDDDB to discuss roles and provisions for coordinator and administration in EMA.
2019			
Jan. 16	Chief, staff, Councillors Menicoche and Martineau, legal counsel, advisor	Meeting	Joint meeting with NDDDB. Further discussion on key provisions in the revised draft EMA agreement, and roles and cost estimate provisions for coordination and administration. Also, the entity that will contract EMA services to the Mine.
Mar. 11	Chief, Councillors, legal counsel, advisor	Meeting	Joint meeting with NDDDB. Further discussion on key provisions in the revised draft EMA agreement, cost estimate and roles for coordination and monitoring.
Apr. 9	Chief, Councillors, legal counsel, advisor	Meeting	Joint meeting with NDDDB. Further discussion on key provisions in the revised draft EMA agreement, and roles for coordination. Final budget.
May 29	Chief, legal counsel, advisors	Conference Call	Joint call with NDDDB. Discussing the process for the winter road business opportunity for LKFN and NDDDB.
July 5	Chief, councillor, staff, legal counsel	Meeting	Road Benefits negotiations in Toronto OKT law offices.
July 17	Legal counsel	Conference Call	Call with NDDDB Rep to discuss Collaborative Set-Aside process for awarding the winter road.
Aug. 13	Chief, Dieter	Letter	LKFN provided letter of support for rare plant study.

Date	LKFN Representative	Engagement Type	Details
	Cazon		
Aug. 15	Chief, Councillors, legal counsel, advisor	Meeting	Joint meeting with NDDB. First meeting of the EMA Road Oversight Committee (ROC). Discuss TK integration and review comments on the draft Phase 1 management and monitoring plans. Discuss progress of road summer fieldwork and composition of team for Phase 1 AIA investigation.
Aug. 16	Staff	Meeting	IBA implementation committee meeting at LKFN Boardroom.
Aug. 29	Chief, councillor, staff, advisor	Meeting	Road benefits negotiations in Vancouver Fasken law offices.
Oct. 23	Chief, councillor, staff, advisor, legal counsel	Conference Call	Road benefits negotiations
Nov. 18	Chief, councillor, staff, advisor, legal counsel	Meeting	Road benefits negotiations in Calgary Delta Hotel.

* K. Nahanni, H. Tsetso

2018 POST-REA ENGAGEMENT RECORD AND LOG - DFN

Date	DFN Representative	Engagement Type	Details
Jan 22	Grand Chief	Meeting	Discussed INAC Information Requests re REA - DFN willing to engage with Canadian Zinc in ongoing consultation process
Feb. 19	Grand Chief	Letter to DFN	Informing DFN of INAC IR's and requesting an engagement meeting.
Mar. 5	Grand Chief	Letter to DFN	Again requesting an engagement meeting and providing draft IR response for review.
Mar.13	Grand Chief	Letter to DFN	Again requesting an engagement meeting. Noted that CZN would be visiting Fort Simpson the week of March 19.
Mar. 14	Mr Nyuli, exec asst	Call	Mr Nyuli explained DFN relies on the Bands to take positions and then supports them. CZN understood it's not necessary to engage with DFN prior to resolving matters with the Bands. CZN asked for confirmation of the call by email. No email was received.
Oct. 23	Grand Chief, exec director, exec asst	Meeting	CZN provided a corporate overview, a summary of project development plans, and a description of activities occurring at site last summer. CZN also explained the fieldwork undertaken on the ASR last summer. CZN talked about the approval of the ASR REA, and initiation of EMA negotiations with NDDB and LKFN. The Grand Chief said she was supportive of the negotiations, and was happy for the First Nations (FN) to take the lead. She also said she planned to speak to the FN about DFN support, for example with respect

Date	DFN Representative	Engagement Type	Details
			to the training of environmental monitors for which DFN already has a successful program.
Dec 3	Rosemary Gill	Letter	DFN provided document on Dehcho Economic Report
2019			
Feb. 26	Rosemary Gill, Josanne Kenny	Meeting	Discussing training collaboration
Mar. 14	Rosemary Gill	Meeting	Formation of NorZinc Regional Committee (NRC). DFN is Co-Chair
April 9	Grand Chief, Rosemary Gill	Meeting	Company update. Discussed NZC scholarship with DFN
April 23	Rosemary Gill	Letter	DFN forwarded to NZC Mineral Development Strategy document
May 15	Rosemary Gill	Meeting	NRC Meeting to discuss training collaboration
July 7	Josanne Kenny	Letter	NZC starts annual NorZinc Scholarship in cooperation with DFN
July 17	Rosemary Gill, Josanne Kenny	Meeting	NRC Meeting to discuss training collaboration
Sept. 26	Rosemary Gill	Meeting	Toured Aurora College's Fort Smith campus and held an NRC meeting
Nov. 19	Rosemary Gill	Meeting	Update on project activities
Nov. 20	Rosemary Gill	Meeting	Meeting with NWT Bureau of Statistics
Nov. 20	Rosemary Gill	Meeting	Meeting with GNWT ITI about literacy programs and obtaining updated workforce inventory

Name of Proponent:

Canadian Zinc (“CZN”)

Name of Affected Party:

**Acho Dene Koe First
Nation (“ADK”)**

Name(s) of representative(s) from affected party who participated in engagement	Name(s) of representative(s) from proponent who participated in engagement	Date	Reason(s) for Engagement	Overview of Issue(s) Resolved	Overview of Issue(s) Unresolved
Barney Dohm	Chris Reeves	Feb. 5, 2019	Training Collaborations		
ADK Chief and Council, Barney Dohm	Chris Reeves	Feb. 26 & 27, 2019	Community Meetings		
Chief Gene Hope, Barney Dohm	Chris Reeves, Don MacDonald	March 1, 2019	Sponsorship		
Barney Dohm	Chris Reeves	March 19, 2019	National Trades Corridor Funding		
ADK Council and Barney Dohm	Don MacDonald, Chris Reeves	April 17 & 18, 2019	Community Meetings		
Barney Dohm	Chris Reeves	June 13, 2019	Camp Services		
Barney Dohm	Chris Reeves	June 27, 2019	HR Strategy		
Barney Dohm	Chris Reeves	July 2, 2019	LUP		
Chief Gene Hope	Chris Reeves	July 3, 2019	LUP		
Barney Dohm	Chris Reeves	July 9, 2019	LUP		
Barney Dohm	Chris Reeves	Aug. 14, 2019	Business Opportunity		
Barney Dohm, Julie Swinscoe	Chris Reeves, David Harpley	Aug. 22, 2019	Archeology Permits		
Barney Dohm	David Harpley, Chris Reeves	Aug 29, 2019	Water Board Comments		

Name(s) of representative(s) from affected party who participated in engagement	Name(s) of representative(s) from proponent who participated in engagement	Date	Reason(s) for Engagement	Overview of Issue(s) Resolved	Overview of Issue(s) Unresolved
Barney Dohm	Chris Reeves	Sept. 4, 2019	Winter Road		
Chief Gene Hope, Barney Dohm, Hana Boye	Don MacDonald, Dave Harpley, Chris Reeves	Sept. 17, 2019	Benefits		
Barney Dohm	Chris Reeves	Sept.23, 2019	Benefits		
Barney Dohm	Chris Reeves	Oct. 1, 2019	Winter Road Contract Status		
Barney Dohm	Chris Reeves, Altaf Lakhani	Oct.4, 2019	LNG		
Barney Dohm, Jack Rowe	NZC Contract team	Oct. 26, 2019	Winter Road Contract		
Barney Dohm, Chief Gene Hope	Don MacDonald	Oct. 27, 2019	Negotiations		
Barney Dohm	Don MacDonald Chris Reeves	Nov. 12, 2019	Negotiations		

Name & Signature of Proponent (representative):

Chris Reeves

Name & Signature of Affected Party (representative):

POST-REA ENGAGEMENT RECORD AND LOG - ADKFN

Date	Attendees	Engagement Activity Type	Issue(s) Raised by Affected Party	Recommendation from Affected Party	Proponent Response to Issue	Information Materials Provided?	Written Correspondence, meeting notes or minutes?
Feb. 5, 2019	Barney Dohm	Calls and Emails	Discussions about training workshops with ADK and NZC	Parties address possible training needs	CZN followed up with Mine Training Society	N	Y
Feb. 26 and 27, 2019	ADK Chief and Council, Barney Dohm	Meetings – Fort Liard	Better coordination of relationship, support for Gov't funding applications and sponsorship of community event	NZC increase communication, and sponsorship of Annual hand games	NZC increased communication and agree to sponsor an event; CZN included ADK with Gov't funding applications	N	N
March 1, 2019	Chief Gene Hope, Barney Dohm	Email	ADK request for sponsorship of hand game	Sponsorship of hand game	CZN agreed to sponsor annual hand games	N	Y
Mar. 19, 2019	Barney Dohm	Email and Calls	Providing CZN National Trade Corridor Funding (NTCF) Support Letter	Support letter for NTCF	CZN received support letter for access road application funding	Y	Y
April 17 & 18, 2019	ADK Council, Barney Dohm	Meeting – Fort Liard	ADK discussing relationship with CZN	ADK asked questions about project status and ADK opportunities to participate with project	Discussing project status business and employment opportunities	N	N
June 13, 2019	Barney Dohm	Email and Call	Discussing Horizon/Acho Camp opportunities	Clarifying ADK business camp business to participate in winter road contract	Advanced discussion to have Horizon/Acho camp provide services for winter road contract	N	Y

Date	Attendees	Engagement Activity Type	Issue(s) Raised by Affected Party	Recommendation from Affected Party	Proponent Response to Issue	Information Materials Provided?	Written Correspondence, meeting notes or minutes?
June 27, 2019	Barney Dohm	Calls and Emails	ADK creating presentation on HR Strategic Plan for NRC meeting	Requested CZN review of HR presentation	CZN collaborated on HR presentation	Y	Y
July 2, 2019	Barney Dohm	Call	Discussed the need for a LUP for the staging area to help with winter road construction.	ADK needs details to discuss with Chief and Council	CZN will provide LUP information	N	Y
July 3, 2019	Chief Gene Hope	Letter to Chief	Sent Letter with LUP details and requested support from ADK regarding Canadian Zinc's LUP applications for staging area across the Liard River	None	None	Y	Y
July 9, 2019	Barney Dohm	Call	ADK will be providing a letter supporting the LUP application	None	None	N	Y
Aug. 14, 2019	Barney Dohm	Meeting – Fort Nelson	Business opportunities for ADK and Fort Nelson First Nation	Follow up meeting with Fort Nelson First Nation	CZN discussed business opportunities First Nations in Fort Nelson	N	N
Aug. 22, 2019	Barney Dohm, Julie Swinscoe	Calls and Emails	Archeology Permits	CZN Required support from ADK	CZN received Letter of Support from ADK	Y	Y
Aug. 29, 2019	Barney Dohm	Calls and Emails	ADK comments to Water Board	ADK requesting follow up on TK concerns and potential benefits	CZN clarified answers to address concerns and agreed to meet with ADK to discuss future benefits	Y	Y

Date	Attendees	Engagement Activity Type	Issue(s) Raised by Affected Party	Recommendation from Affected Party	Proponent Response to Issue	Information Materials Provided?	Written Correspondence, meeting notes or minutes?
Sept. 4, 2019	Barney Dohm	Meeting - Vancouver	ADK discuss winter road opportunity	Clarify winter road tendering process	CZN provided overview of tendering process	N	N
Sept. 17, 2019	Chief Gene Hope, Barney Dohm, Hanna Boye	Meeting - Vancouver	Reviewed benefit opportunity and Water Board submission	ADK asking for formal benefits agreement	CZN was interested to formalise benefits agreement	Y	Y
Sept. 23, 2019	Barney Dohm	Letter	ADK request for benefits	ADK provided CZN letter to outline requested benefits	CZN agreed to provide formal response to letter	Y	Y
Oct. 1, 2019	Barney Dohm	Email and Call	Questions on winter road status	ADK wanted update of permitting schedule and road start date	CZN provided update	Y	Y
Oct. 4, 2019	Barney Dohm	Conference Call	Discussing Gov't opportunities for LNG with ADK	Understanding if there are LNG opportunities for ADK under INAC and CanNor funding programs	CZN facilitated the meeting with INAC participation	N	N
Oct. 26, 2019	Barney Dohm, Jack Rowe	Meeting - Vancouver	Discussing 2020 winter road contract	Clarifying business opportunity for Rowes/ADK business partnership	CZN advance discussions	Y	Y
Oct. 27, 2019	Chief Gene Hope, Barney Dohm	Letter	Request formal acknowledgement of benefits	ADK Requested formal letter from CZN	CZN provided ADK letter to start benefits discussions	Y	Y
Nov. 12, 2019	Barney Dohm	Meeting - Vancouver	Benefits negotiations	Request for term sheet to address benefits	CZN would start term sheet	Y	Y