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Table 1: Licence 1AR-NAN0914 - Information Requests (IRs) provided by Interveners during the Completeness Review Stage			
NWB Reference No.	Intervener Reference No.	Description of IR	Intervener
1	1	AANDC requests that the proponent submit to the NWB the aforementioned approvals when received from both NPC and NIRB. Otherwise the application is incomplete	AANDC
2	2	AANDC requests that the proponent submit to the NWB updated solid and sewage waste management plans including how they intend to treat or dispose of sewage and solid waste generated on site.	AANDC
3	3	AANDC requests submitting an updated spill contingency plan with the renewal/amendment application as the proponent has identified several additional options for the remediation of the contaminated soils on site. The spill contingency plan should include contingency plans for all remediation alternatives outlined, in the event that the proponent's preferred option is not approved.	AANDC
4	4	AANDC requests that the proponent submit more information that clearly demonstrates how this risk-based remedial approach will be effective in limiting and/or eliminating risks to water and in turn to humans, wildlife and the environment.	AANDC
		AANDC also requests that the proponent demonstrate how each of the other options is viable. All options outlined in the application need to be sufficiently developed to assess the potential impacts to water.	AANDC
5	5	AANDC also requests that the proponent provide additional details such as; how they intend to confirm that all contaminated soils have been excavated and how they will confirm that the contaminated soils being remediated have been appropriately treated.	AANDC

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6	6	AANDC requests that the proponent provide details on how they will ensure that there is no contaminate transfer by air or water vectors while remediating soils or while the soils remain stockpiled.	AANDC
7	7	AANDC requests that the proponent provide details as to the source location and amount of soil that will be used as cover for the contaminated soil. AANDC would like to advise the proponent that depending on the source of the quarry/borrow area for the soil that further permits may be required.	
8	8	AANDC requests the proponent provide further details on the backfilling of Area 4. If backfilling is to occur, what material would be used; where will this material come from; when would the backfilling occur? Does the other on-site proponent want this area back-filled if they are going to use this area? How will backfilling be coordinated with other proposed land uses at the site?	AANDC
		AANDC requests that the proponent submit an updated Abandonment and Reclamation plan including all requests made above in 4 through 8 for the effective remediation of the contaminated soil on site.	AANDC
9	9	AANDC notes that there has been no updated security assessment review submitted with the application. AANDC requests that the proponent submit an updated security review as part of their renewal application for the whole former Nanisivik Mine Site, including but not limited to, the continued reclamation of the contaminated soil and all of its associated contingencies, any continued upgrades and maintenance to reclamation activities already undertaken and completed, all post closure activities as well as any new facilities being undertaken (i.e new landfill).	AANDC
10	10	AANDC requests that the proponent provide additional details about its proposed landfill before a water license is issued, including location, size where would the cover material come from, borrow/quarry areas, etc.	AANDC

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11		In general, we would request more detail on the proposed remedial plan (including, but not limited to, the schedule of soil movement, construction of risk management structures, demonstration of contaminant degradation, sample locations and monitoring), as well as a contingency plan, and the 2013 Annual Report.	DFO
12		Specifically we request additional information from Canzinc Ltd. with respect to the following items referenced in Appendix P: Compliance Assessment and Status Report:	DFO
a	B.11	The proposed timetable for plans has been identified as in compliance, however, this was not provided in the application. Please provide more detail on timelines of the risk management plan and specific tasks (e.g. excavation, confirmatory sampling and soil stockpile preparation).	DFO
b	D.8	It was noted that construction of engineered earthworks is supervised and field checked by a qualified engineer, however, this is not specifically mentioned in the application. Please confirm and clarify what engineering controls will be put in place for environmental protection/water management for each activity.	DFO
c	G.3(b)	A description of any monitoring required, including sampling locations, parameters measured, and frequencies of sampling, has not been included. Please include this information and clarify the confirmatory sampling approach and methodology that will be undertaken.	DFO
d	G3d	The proposed location of the structures was not provided. Please provide location (description and figures) for all on-site structures, specifically the proposed location for the impacted soil with an outline of how this location meets the risk assessor's recommendations.	DFO
e	G.3(e)	The schedule for construction has not been included. Please include schedule (refer to B.11 comment).	DFO

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f	G.3(f)	The drawings of engineered structures stamped by a Professional Engineer have not been included. Please provide drawings of structures, including requirements outlined in D.8 and G.3.b.	DFO
g	J.2(a)	Detailed engineering designs, stamped by an Engineer, for the closure have not been included and should be provided for review.	DFO
h	J.2(e)	Discuss potential closure issues and liabilities including anticipated costs of all remediation activities. Please provide more specific information as well as a detailed contingency plan should the proposed option be unsuccessful.	DFO
i	J2f	Identify a plan to delineate, treat, and dispose of hydrocarbon contaminated soils located within, beneath, and adjacent to the Fuel Tank Farm. This has not been included. Please provide this information including clarification on the soil quantity estimation approach and methodology.	DFO
j	J2(g)	Confirmation of Soil Quality Remediation Objectives (SQRO's) for the tank farm area. Confirmation of SQRO's for all contaminants of concern should be included in the revised plan.	DFO
k	J2(i)	Confirmatory soil analysis for Total Petroleum Hydrocarbons (TPH) has not been included and should be provided for review.	DFO
l	J2(j)	Decontamination and removal procedures for the tank and liner. Removal procedures for liners that remain on site should be included in the revised plan.	DFO
m	J2 (l)	Detailed implementation schedule for all tasks and activities has not been included and should be provided for review.	DFO

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13		Also, the application indicates that approximately 30 m3 of non-hazardous waste materials have accumulated on site and Canzinc has requested an amendment to Part F conditions of the licence to allow for disposal of these materials in an on-site landfill. We request that additional information on the proposed location of the landfill be provided.	DFO
14	1	The Licensee has not submitted a revised Abandonment and Reclamation Plan specific to the Fuel Tank Farm (Appendix P, Item J2a-1). The following outlines specific requests for information pertaining to some of the required elements of this revised plan that were not included in the Application.	DND
a	a	Appendix P, Item J2.a - Detailed engineering designs for the revised remedial approach: The preparation/ construction/maintenance/monitoring of a new location to receive impacted soils for risk management, with proper engineering controls to mitigate environmental (air*, water, soil) and human health impacts should be outlined. The monitoring and maintenance plan should include an evaluation of the effectiveness of the engineering controls over time, and address the soil, air and water quality monitoring that will be undertaken (scope, frequency, methodology, and schedule). The contingency plan, should the risk management plan not succeed, should also be included.	DND
b	b	Appendix P. Item J2.e- Potential closure issues and liabilities including anticipated costs of all remediation activities: Costs are recommended to be broken down by tasks/activity (J2.1), and be supported by the cost estimate basis utilized. This information would be valuable for ascertaining an appropriate financial security (Application Section 21).	DND

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c	c	Appendix P Item J2.f- The plan to delineate, treat and dispose of hydrocarbon contaminated soils located within, beneath and adjacent to the Fuel Tank farm: The Application Section 9 (Description of the Undertaking) "proposes an amendment to Part J.2 of the Water Licence requiring the development and submission to the Water Board for approval of a new Abandonment and Reclamation Plan that reflects the preferred remedial approach described in Appendix J" of the Application (Appendix J Section 5.0). Receipt of this 'new Abandonment and Reclamation Plan' is necessary to complete a technical review of the Application, and should include a detailed outline of the contingency remediation plan should the risk management approach being proposed not succeed.	DND
d	d	Appendix P Item J.2 g- Confirmation of Soil Quality Remediation Objectives (SQROs) for the tank farm area: The SQROs should be confirmed for all contaminants of concern. DND would like all soils that exceed the current SQROs approved to date, utilized for all soil excavation and confirmatory sampling activities.	DND
e	e	Appendix P Item J2.i- Confirmatory Soil analysis: DND has concerns with the confirmatory soil and (absence of) water quality analysis conducted to date and would like to see a more comprehensive and representative approach and methodology outlined for review and acceptance.	DND
f	f	Appendix P, Item J2.j- Decontamination and removal procedures for the tank and liner: It is DND's understanding that liners remain on site and therefore should be addressed in the revised plan.	DND
g	g	Appendix P Item J2.1 - A detailed implementation schedule for all tasks and activities: Specifically, DND is looking for information on the tasks and activities; the associated environmental mitigation measures/engineering controls; and the associated timelines for implementation (initiation and completion) for the following:	DND

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i	1	the baseline site assessment of the new location intended to accept stockpiled impacted soils;	DND
ii	2	the identification of the geographic area I preparation I construction of a new location to accept impacted soils with proper engineering controls;	DND
iii	3	the excavation of all impacted soils (exceeding any remedial objective as identified by the Federal Custodian or Nunavut Water Board) associated with the tank farm;	DND
iv	4	the handling of screened soil materials (e.g. screened out rocks)	DND
v	5	the handling of any on-site generated waste;	DND
vi	6	the relocation of all impacted soils to the new engineered location;	DND
vii	7	all confirmatory soil and water sampling to be undertaken, including but not limited to: the excavation base, excavation sidewalls, soil stockpiles, treated soil, areas potentially impacted by stockpiled soil locations, and screened rocks;	DND
viii	8	the development/implementation of the risk assessment approach and the triggers for implementing the contingency remedial approach;	DND
ix	9	the plan for the lower and upper treatment areas; and	DND
x	10	All planned reporting (scope, schedule, and frequency).	DND
h	h	A scientific rationale outlining how the proposed location for the impacted soils meets the risk assessor's recommendations (Appendix J, Section 5.0).	DND

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i	i	An approach and methodology for tracking and reporting on soil location, quantity and quality should be established for review and acceptance.	DND
15	2	From the Application (Section 14), DND understands that Canzinc is seeking an amendment to allow for the disposal of scrap metal and other bulky non-hazardous materials in an on-site landfill. Details for this proposed on-site landfill are requested.	DND
16	3	From the Application (Section 20), DND would like to clarify that concerns for the remedial approach were raised at these meetings. DND would like to see these concerns, along with the mitigative measures CanZinc Ltd. is proposing, outlined in this section of the Application.	DND
17	4	Regarding Appendix J of the application which is a 'Remedial Options Analysis', DND would like to see all contaminants of concern addressed in the remedial approach proposed, or if excluded, better support for any recommendations for their exclusion (including citing of all references and the associated scientific basis).	DND
18	5	Finally the Appendix K concordance table refers to the former Abandonment and Reclamation Plan for the Fuel Tank Farm (2010) and will need to be revisited once the new Abandonment and Reclamation plan is submitted.	DND
19	1	EC asks the proponent to provide information on the geochemistry of the area and justification for their conclusions regarding the neutralization potential of the surrounding environment. In addition, please provide 2013 sampling data from Station ELO and Station NML-23 for comparison.	EC

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20	2	EC requests the trace metal (NAN-4) monitoring data from Station 159-4, and further justification from the proponent for their recommendation to discontinue trace metal sampling.	EC
21	3	EC requests the Proponent provide further rationale for discontinuing monitoring at this station (NAN-1) altogether, and recommends maintaining annual sampling and analysis.	EC
22	4	1) EC requests the proponent consider bi-weekly sampling at the site during planned future earth-moving reclamation activities of the stockpiled soils undergoing bioremediation, or provide justification for not doing so. 2.) EC requests the proponent provide justification for discontinuing NAN-4 sampling at this site	EC
23	5	Please provide further justification for this decision, utilizing any historic data from groundwater monitoring in these two locations.	EC
24	6	Please provide further information on the scoring for the "Repercussions for other land uses and administrative/management entities" and the "Environmental and socio economic impact" criterion.	EC
25	7	Please provide information to support that a cap of 0.5 m of clean soil will eliminate the risks to receptors at this site.	EC

Notes:

AANDC – Aboriginal Affairs and Northern Development Canada

DFO – Department of Fisheries and Ocean Canada

DND – Department of National Defence

EC – Environment Canada