



NIRB File No.: 13UN039

AANDC File Nos.: N2013U0021, N2013F0024

NWB File No.: 1BR-ELR---

December 19, 2013

Natalie Plato
Director, Contaminated Sites Program (NRO)
Aboriginal Affairs and Northern Development Canada
P.O. Box 2200
Iqaluit NU X0A 0C0

and

François Bourassa
Kudlik Construction Ltd.
P.O. Box 727
1519 Federal Road
Iqaluit NU X0A 0C0

Sent via email: natalie.plato@aandc.gc.ca and fbourassa@kudlik.biz

Re: Notice of Part 4 Screening for Aboriginal Affairs and Northern Development Canada and Kudlik Construction Ltd.'s "Ennadai Lake Remediation" Project Proposal

Dear Natalie Plato and François Bourassa:

On October 24, 2013 the Nunavut Impact Review Board (NIRB or Board) received Aboriginal Affairs and Northern Development Canada – Contaminated Sites Division's (AANDC-Contaminated Sites) "Ennadai Lake Remediation Project" proposal from Aboriginal Affairs and Northern Development – Lands Administration. Further, on November 14, 2013 the NIRB received an application for a Type B water licence from the Nunavut Water Board. On December 12, 2013 the NIRB received a positive conformity determination (Keewatin Regional Land Use Plan) from the Nunavut Planning Commission (NPC) for the application submitted by AANDC-Contaminated sites for federal Land Use Permit No. N2013U0021, which encompasses components of the Ennadai Lake Remediation project proposal, exclusive of the overland mobilization and demobilization of the proposed project. On December 16, 2013 the NIRB received confirmation from the NPC that its December 12, 2013 conformity determination (Keewatin Regional Land Use Plan) as issued would also apply to activities covered under the application submitted by Kudlik Construction Ltd. for federal Land Use Permit No.

N2013F0024, which includes the overland mobilization and demobilization of equipment associated with the proposed Ennadai Lake Remediation project proposal. The NIRB considers both Land Use Permit applications as comprising a single project proposal, and has assigned this proposal file number **13UN039**.

The project is located within the Kivalliq region, approximately 380 kilometres (km) west of Arviat, 450 km southwest of Whale Cove and 500 km southwest of Rankin Inlet. The objective of the project is to remediate the former weather station at Ennadai Lake which was abandoned in the early 1990s. The remediation project is proposed to take place from January 2014 to March 31, 2016.

The project components include:

- Winter trail development between Arviat, Henik Lake and Ennadai Lake for the transportation of equipment and supplies via CAT Train in 2014;
- Camp setup and opening of Henik and Ennadai Lake camps;
- Transportation, storage and use of fuel for overland mobilization, demobilization and remediation activities;
- Use of 250,000 liters of diesel, 1,000 liters of gasoline and 2,000 liters of aviation fuel for the overland mobilization and demobilization activities;
- Establishment of a temporary 25-person camp to support remediation activities;
- Water consumption at the camp is estimated to be 3,000 liters/day. 750 litres/day of sewage and 4,250 liters/day of greywater are expected to be produced and would be treated onsite;
- On-site storage of 200,000 liters of arctic diesel, 4,420 liters of gasoline and 6,560 liters of propane, to be located at least 100 metres away from camp facilities;
- Use of a “Bionest Kodiak” wastewater treatment system for the treatment of site sewage and greywater wastes;
- Construction, use and decommissioning of two temporary lagoons for further treatment and disposal of site sewage and greywater wastes;
- Construction and use of a landfill for disposal of non-hazardous wastes;
- Use of incinerator for non-hazardous, combustible waste. Ash would be disposed of at site or at an approved off-site facility;
- Consolidation barreled waste materials to be either incinerated on-site or shipped off-site for disposal, and crushing and landfilling of empty barrels;
- Demolition of site infrastructure and segregation of hazardous and non-hazardous waste for proper disposal;
- Removal of hazardous waste to a licensed disposal facility off-site;
- Remediation of existing landfills;
- Construction of a landfarm for the treatment of hydrocarbon contaminated soil;
- Collection and disposal into landfill of scattered surface debris and partially buried non-hazardous debris;
- Re-construction and repair of roads and airstrip as required;
- Development of borrow sources for the remediation work; and
- Final site demobilization via CAT train where all project supplies and contaminated material would be shipped off-site to Arviat via a winter trail in 2015/2016 followed by transportation of all material and equipment out of Arviat via sealift.

All documents received and pertaining to this project proposal can be obtained from the NIRB's online public registry at:

<http://ftp.nirb.ca/01-SCREENINGS/ACTIVE%20SCREENINGS/13UN039-AANDC-Ennadai%20Lake%20Remediation/01-APPLICATION/> including:

- *NIRB Part 1 Summary Application Form in English and Inuktitut*
- *Executive Summary of Project Proposal in English and Inuktitut*
- *NIRB Part 2 Form – Project Specific Information Requirements*
- *Maps*
- *Nunavut Planning Commission Conformity Determination*
- *Aboriginal Affairs Northern Development Canada Land Use Permit Application*
- *Health and Safety Plan*
- *Mobilization Plan*
- *Spill Contingency Plan*
- *Project Schedule*
- *Ennadai Lake Weather Station Final Remedial Action Plan*
- *Archaeological Impact Assessment Report*
- *Environmental Screening Report*
- *Ennadai Lake Integrated Phase I and II Environmental Site Assessment*
- *Ennadai Lake Weather Station Final Phase III Environmental Site Assessment*
- *Abandoned Military Sites Remediation Protocol*
- *Bionest Operators Manual (Wastewater Treatment)*

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

The NIRB is copying parties and municipalities potentially affected by AANDC's project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **January 16, 2014**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please send your comments to the NIRB at info@nirb.ca or via fax at **(867) 983-2594**.

If you have any questions or concerns, please contact the undersigned at 867-983-4609 or jdhillon@nirb.ca.

Sincerely,

Jaswir Dhillon, M.Eng, P.Eng
Technical Advisor
Nunavut Impact Review Board

cc: Distribution List
 Erika Solski, Aboriginal Affairs Northern Development Canada–Contaminated Sites
 Phyllis Beaulieu, Nunavut Water Board
 Luis Manzo, Kivalliq Inuit Association
 Jeff Mercer, Aboriginal Affairs Northern Development Canada
 Tracey McCaie, Aboriginal Affairs Northern Development Canada

Enclosures (2): Comment Forms (English and Inuktitut)