



Environment Environnement  
Canada Canada

Environmental Protection Branch  
Qimugjuk Building 969 P.O. Box 1870  
Iqaluit, NU X0A 0H0  
Tel: (867) 975-4639  
Fax: (867) 975-4645

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Our file: 4517 000 005

Phyllis Beaulieu  
Acting Licencing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, NU X0B 1J0  
Tel: (867) 360-6338  
Fax: (867) 983-6369

*Via Email*

Gladys Joudrey  
Environmental Assessment Officer  
Nunavut Impact Review Board  
P.O. Box 2379  
Cambridge Bay, NU X0B 0C0  
Tel: (867) 983-2593  
Fax: (867) 983-2594

*Via Facsimile*

**RE: NWB5PEL0104 / NIRB 03DA022 – Amendment to DEW Line Clean-up CAM-4, Pelly Bay, NU**

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act (CEPA)*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

UMA Engineering Ltd, on behalf of Defence Construction Canada and the Department of National Defence, is proposing to make amendments on the October 2000 NIRB application for the clean-up of the CAM-4, Pelly Bay Dew Line Site. The first amendment involves the elimination of the construction of a landfill for the disposal of PCB amended painted materials. The materials will be stored on site in a temporary PCB storage area (as per CEPA) and sent to the licensed southern disposal facility for destruction. The second amendment involves the relocation of the landfarm approximately 400 m southwest of the Hangar Area.

Environment Canada recommends that the following conditions be applied throughout all phases of the project:

*Amendment 1: PCB Amended Materials*

- Environment Canada has no concerns at this time with the on-site storage and eventual shipment of PCB amended paint material to a licensed disposal facility for destruction.

*Amendment 2: Landfarm Location*

- The proponent shall not deposit, nor permit the deposit of sediment, chemicals, fuels or wastes associated with this project into any water body. According to the Fisheries Act,

Section 36(3), the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.

- The amendment indicates that there is a perennial creek located 120 m northwest of the new landfarm location, which is the direction of natural surface water drainage. Environment Canada recommends that, if necessary, preventative measures implemented during construction and operation to prevent sedimentation or contamination of the receiving environment.
- Environment Canada recommends that construction activities be restricted to existing roadways and disturbed areas.
- Environment Canada recommends that the storage location of the overburden removed during the construction of the landfarm and/or the runoff collection ditches be above the high water mark of any waterbody and in such a manner as to prevent sedimentation of any waterbodies.
- Upon closure, the proponent shall ensure that, in addition to covering and grading the landfarm itself, any runoff collection ditches are backfilled and graded to match the surrounding landscape.

Any conditions recommended during the original review of the October 2000 application should still be applied to the rest of this project. If there are any additional changes to the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at [colette.meloche@ec.gc.ca](mailto:colette.meloche@ec.gc.ca).

Yours truly,

Colette Meloche  
Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)