



Environmental Protection Operations Directorate  
Suite 301, 5204 - 50<sup>th</sup> Avenue  
Yellowknife, NT, X1A 1E2

April 26, 2007

Our file: 4517 000 011

Manager of Licensing  
Nunavut Water Board  
PO Box 119  
Gjoa Haven, Nunavut  
X0B 1J0

*Via Email: [licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)*

**RE: Type "B" Water License Renewal, FOX-3, Dewar Lakes, Nunavut, Radar Site Tower Painting Project  
Nassittuq Corporation**

Environment Canada has reviewed your proposal to repaint a radar tower at the FOX-3 (Dewar Lakes) North Warning System Station. The proposal, as outlined in the email and attachments dated March 19, 2007, involves water blasting the tower to remove the majority of the existing lead-based paint. Contingency measures proposed include encapsulating the work area to contain the blast water, which will then be directed to a settling tank where the paint chips will be allowed to settle out. The collected solids will be sent south for disposal at an approved facility, and the remaining water will be filtered and analyzed for lead prior to disposal. Any paint remaining on the radar tower will be considered adhered to the structure and will be encapsulated with the new paint.

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

- Environment Canada recommends that Nasittuq Corp. adopt discharge criteria for the blast water that are protective of the receiving environment, and reflect current best practices for environmental protection.
- The proponent shall ensure that erosion protection measures are applied at the discharge location, so that the release of the wastewater does not result in erosion and/or sedimentation of any water bodies.
- The proponent shall not deposit, nor permit the deposit of any sediment, wastes or chemicals 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.

If there are any changes in 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) 669-4708 or by email at [ivy.stone@ec.gc.ca](mailto:ivy.stone@ec.gc.ca).

Sincerely,

***Original signed by***

Ivy Stone  
Environmental Assessment / Contaminated Sites

CC: Mike Fournier (Northern EA Coordinator, EPOD, Environment Canada, Yellowknife, NT)  
Miles Constable (Risk Assessment Specialist, EPOD, Environment Canada, Edmonton, AB)