



Environment Environnement  
Canada Canada

Environmental Protection Operations  
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Our File: 4782 026

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Attention: Richard Dwyer

**Re: NWB 1BH-RAN - Rankin Inlet Power Plant Project - Hydrostatic Testing - Nunavut Power Corporation and Mosher Engineering Limited.**

EPO's contribution to your request for specialist advice is based on the mandated responsibilities for the enforcement of Section 36(3) of the *Fisheries Act*, the *Canadian Environmental Protection Act* (CEPA), the *Migratory Birds Convention Act* (MBCA) and the *Species at Risk Act* (SARA).

On behalf of Environment Canada, I have reviewed the above noted application submitted by Mosher Engineering Limited on behalf of the Nunavut Power Corporation. They are proposing to construct a residential heat distribution system which will distribute rejected heat from their diesel engines to ten buildings within the community. When the system is installed it will be hydrostatically tested for leaks. Water for the test will be obtained from the fire hydrant system within the community. Approximately forty-thousand litres of water will be used for the hydrostatic test. The test water will be discharged to the municipality drainage system upon completion of the test.

#### Comments and Recommendations

- The proponent shall ensure that any chemicals, fuel or wastes associated with the proposed land use permit application do not enter waters frequented by fish. It is a requirement of Section 36(3) of the *Fisheries Act* that all effluent discharged into water frequented by fish, be non-deleterious
- Environment Canada recommends that the wastewater from the pre-test cleaning process and the hydrostatic testing be tested prior to disposal for hydrocarbons, total suspended solids, and heavy metals, and treated and/or disposed of accordingly.

EPO should be notified of changes in the proposed or permitted activities associated with this application.

Please do not hesitate to contact me at (867) 669-4744 or ron.bujold@ec.gc.ca with any questions or comments.

Yours truly,

Ron Bujold  
Environmental Assessment Technician

cc: Stephen Harbicht (Head, Assessment & Monitoring, EPO)  
Mike Fournier (Northern Environmental Assessment Coordinator, A&M, EPO)

