



Environment Environnement
Canada Canada

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Our file: 4703 001 004

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Via Email at licensing@nwb.nunavut.ca

**RE: NWB1ULU0008 – Wolfden Resources Ltd. – Ulu Advanced Exploration Project
Revised Sewage Treatment and Solid Waste Disposal Operation and Maintenance
Plan, Revised**

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*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Wolfden Resources Ltd. has submitted a revised Sewage Treatment and Solid Waste Disposal Facilities Operation and Maintenance Plan (herein referred to as "the Plan"), as required under Part H, Section 1 of the water license NWB1ULU0008. The Plan was modified based on the comments provided by the Nunavut Water Board in their letter dated November 7, 2005.

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

- The proponent shall not deposit, nor permit the deposit of any fuel, drill cuttings, chemicals, wastes or sediment 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.
- Section 4 of the Plan states that sewage sludge will be disposed of on-site in a shallow, above-ground sump, which will be covered by waste rock. Environment Canada recommends that the same area be used for each deposition of sludge in order to consolidate the waste into one area of the camp. This area should be located above the high water mark of any waterbody and in such a manner as to prevent the contents from entering any waterbody frequented by fish.
- Section 6 of the Plan provides specific handling procedures for hazardous wastes anticipated to be generated on site. However, no information is provided regarding secondary containment in the area of the mechanics shop where the wastes are stated to be stored. Environment Canada recommends that secondary containment be used in the area in which hazardous wastes are stored. Wolfden Resources Ltd. should also ensure that all hazardous wastes are stored above the high water mark of any waterbody and in such a manner as to prevent the contents from entering any waterbody frequented by fish.



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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) 975-4639 or by email at colette.spagnuolo@ec.gc.ca.

Yours truly,

Original signed by

Colette Spagnuolo
Environmental Assessment / Contaminated Sites Specialist

cc: (Stephen Harbicht, Head, Assessment and Monitoring, Environment Canada, Yellowknife)