



Environment Canada Environnement Canada

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

June 1, 2001

Gladys Joudrey
Environmental Assessment Officer
Nunavut Impact Review Board
P.O. Box 2379
Cambridge Bay, NU X0E 0C0

Nunavut Water
Board

JUN 05 2001

Public Registry

Our file: 4703-001

Fax: (867) 983-2594

Rita Becker
Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU. X0B 1J0

Fax: (867) 360-6369

Re: Comments on Application Water License NIRB01CN069/NWB2BRO - Kennecott Canada Exploration Inc. - Mineral Exploration Camp on the Brodeur Peninsula, Baffin, NU.

On behalf of Environment Canada (EC), I have reviewed the above noted water license NWB2BRO/NIRB01CN069. The comments provided for the above water license have been made under Section 36 of the *Fisheries Act*, the *Canadian Environmental Protection Act* (CEPA) and the *Migratory Birds Convention Act* (MBCA).

Proposed Undertakings In Relation to the Water License Application NIRB01CN069

Kennecott Canada Exploration Inc. has proposed to conduct exploratory surface mineral exploration for diamonds on the Brodeur Peninsula, Baffin Island. Surveys will be conducted June 1 through to September 1, 2001 and consist of general prospecting, and till/stream sampling. Four to ten people will be involved.

Comments and Recommendations

Environment Canada understands at this time Kennecott Canada Exploration can not provide the exact locations of the camp, sumps and fuel caches. However, Environment Canada recommends that the camp, sumps and fuel caches be located in such a manner that contents or associated materials do not enter a waterbody.

WildlifeConcerns

Environment Canada has reviewed the sensitivities to bird concerns, notably Ivory Gull colonies (a species of concern designated by COSEWIC April, 1996). The proposed campsite locations are south of the known Ivory Gull colonies, but some of the survey area overlap the known sites. Ivory Gull colonies are usually "obvious", as they nest on cliffs or mountain tops, with little or no vegetation. They are conspicuous white dots on the landscape, and usually fly up when disturbed. Environment Canada strongly recommends that the proponent avoid known colony sites, keeping altitudes of at least 1500 feet, and report any locations where they observe these birds.



The proponent neglected to:

- provide a list of all hazardous materials that may be used during the program;
- indicate if spill kits are to be used at fueling and fuel storage areas.

The following conditions should be applied throughout all phases of the project.

- The proponent shall ensure that any drill cuttings, chemicals, fuel or wastes associated with the proposed project do not enter waters frequented by fish.
- EC encourages proponents, when storing barreled fuel at a location, to use a secondary containment rather than relying on "natural depressions". Self supporting insta-berms are available from various suppliers within Canada.
- No disturbance of the bed or banks of any definable watercourse is permitted. Special efforts must be made to avoid bed and bank disturbance during the spring.
- Ensure the treatment of hazardous and solid wastes at an appropriate disposal facility ie. Yellowknife or Rankin Inlet;
- Environment Canada recommends the use of an approved incinerator.

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 lawrence.ignace@ec.gc.ca.

Yours truly,



Lawrence Ignace
Environmental Assessment Specialist

cc: (Paula Pacholek, Northern Environmental Assessment Coordinator, Yellowknife)
(Mark Mallory, CWS, Iqaluit)