

May 22, 2003

To: Phyllis Beaulieu  
A/Licensing Administrator  
Nunavut Water Board  
Gjoa Haven, NU

**Re: Crater Lake Project (Committee Bay Resources Ltd.)**  
**NIRB: 03EN056      NWB: NWB2CRA**

Enclosed is the completed NIRB Screening Decision Report on the above-mentioned project.

NIRB has screened this application for eco-systemic and socio-economic impacts of the proposal.

NIRB's indication to the Minister is: 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

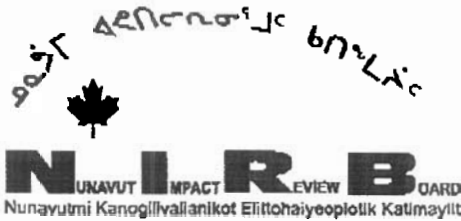
Please contact me at (867) 983-2593 if you have any questions about the Screening Decision Report.

Yours truly,

Gladys Joudrey  
Environmental Assessment Officer  
Nunavut Impact Review Board



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**SCREENING DECISION****Date: May 22, 2003**

Mr. Thomas Kudloo  
 Chairperson, Nunavut Water Board  
 Gjoa Haven, NT

Dear Mr. Kudloo:

**RE: Screening Decision of the Nunavut Impact Review Board (NIRB) on Application:  
 NIRB 03EN056 NWB NWB2CRA  
 Crater Lake Project (Committee Bay Resources Ltd.).**

**Authority:**

Section 12.4.4 of the Nunavut Land Claim Agreement states:

Upon receipt of a project proposal, NIRB shall screen the proposal and indicate to the Minister in writing that:

- a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;
- b) the proposal requires review under Part 5 or 6; NIRB shall identify particular issues or concerns which should be considered in such a review;
- c) the proposal is insufficiently developed to permit proper screening, and should be returned to the proponent for clarification; or
- d) the potential adverse impacts of the proposal are so unacceptable that it should be modified or abandoned.

**Primary Objectives:**

The primary objectives of the Nunavut Land Claims Agreement are set out in section 12.2.5 of the Land Claims Agreement. This section reads:

In carrying out its functions, the primary objectives of NIRB shall be at all times to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area. NIRB shall take into account the well-being of the residents of Canada outside the Nunavut Settlement Area.

The decision of the Board in this case is 12.4.4 (a) the proposal may be processed without a review under Part 5 or 6; NIRB may recommend specific terms and conditions to be attached to any approval, reflecting the primary objectives set out in Section 12.2.5;

**Reasons for Decision:**

NIRB's decision is based on specific considerations that reflect the primary objectives of the Land Claims Agreement. Our considerations in making this decision included:

- the impact of drilling activities on the ecosystem;
- disposal of drill cuttings and waste water;
- impact to water quality, aquatic habitat and wildlife and fish populations from chemicals, drill waste, drill fluids and potential fuel spills;
- storage and disposal of chemicals, fuel, garbage, sewage, and gray water, and impact of these on the ecosystem;
- the impact of noise from drilling activities and their disturbance to wildlife and traditional users of area;
- the impact of campsite and equipment on terrain;
- the impact of exploration activities on archaeological sites or cultural landmarks in the area; and
- clean up/restoration of the camp site and drilling locations upon abandonment.

**Terms and Conditions:**

That the terms and conditions attached to this screening report will apply.

**Drill Sites**

1. The Licensee shall not conduct any land based drilling within thirty (30) metres of the normal high water mark of a water body.
2. The Licensee shall not use drilling muds or additives in connection with drill holes unless they are recirculated or contained such that they do not enter the water, or are certified to be non-toxic.
3. The Licensee shall ensure that any drill cuttings and waste water that cannot be re-circulated be disposed of in a properly constructed sump or an appropriate natural depression that does not drain into a waterbody. The Licensee shall ensure that drilling wastes do not enter any water body. The use of biodegradable, salt free drill additives is encouraged over non-biodegradable types.
4. The Licensee shall ensure that the sump/depression capacity is sufficient to accommodate the volume of waste water and any fines that are produced so that there will be no additional impacts.
5. The Licensee shall not locate any sump within thirty (30) metres of the normal high water mark of any water body.
6. The Licensee shall ensure that disturbance of vegetation from deposit of drill fluids/cuttings is restricted to the area of the sump and the ground prepared for revegetation upon abandonment.
7. The Licensee shall, where flowing water from bore holes is encountered, plug the bore hole in such a manner as to permanently prevent any further outflow of water. The

occurrence shall be reported to the Nunavut Water Board and Land Use Inspector within 48 hours.

### **Water**

8. The Licensee shall ensure that all water intake hoses are equipped with a screen with an appropriate mesh size to ensure that there is no entrapment of fish. Refer to the *Freshwater Intake End-of Pipe Fish Screen Guideline* (DFO 1995).

### **Fuel and Chemical Storage**

9. The Licensee shall ensure that fuel storage containers are not located within thirty (30) metres of the ordinary high water mark of any body of water.
10. The Licensee shall ensure that any chemicals, fuels or wastes associated with the project do not spread to the surrounding lands or enter into any water body. The use of secondary containment, such as self-supporting insta-berms is recommended.
11. The Licensee shall take all reasonable precautions to prevent the possibility of migration of spilled petroleum fuel or chemicals over the ground surface.
12. The Licensee shall mark all fuel containers with the Licensee's name.
13. The Licensee shall dispose of all combustible waste petroleum products by incineration or removal from the site.
14. The Licensee shall use drip pans, or other preventative measures when refueling equipment on site.
15. The Licensee shall have emergency response and spill contingency plans in place prior to the commencement of the operation.
16. The Licensee shall immediately report all spills of petroleum and hazardous chemicals to the twenty four (24) hour spill report line at (867) 920-8130.

### **Waste Disposal**

17. The Licensee shall not discharge or deposit any refuse substances or other waste materials in any body of water, or on the banks thereof, which will impair the quality of the waters of the natural environment.
18. The Licensee shall not locate any sumps or areas designated for waste disposal within thirty (30) metres of the ordinary high water mark of any body of water, unless otherwise authorized.
19. The Licensee shall construct a sump to contain all greywater discharged and shall ensure drainage is away from any waterbody.
20. The Licensee shall backfill and recontour all sumps to match the natural environment prior to the expiry date of the permit.
21. The Licensee shall ensure that all wastes generated through the course of the operation are backhauled and disposed of in an approved dumpsite.
22. The Licensee shall not bury any wastes.
23. The Licensee shall deposit all scrap metal, discarded machinery and parts, barrels and kegs, at an approved disposal site.

**Wildlife**

24. The Licensee shall ensure that there is no damage to wildlife habitat in conducting this operation.
25. The Licensee shall not feed wildlife.
26. The Licensee shall make every effort to prevent the unintentional harassment of caribou, muskox and nesting or molting waterfowl at all times. It is an offense under the Wildlife Act to harass wildlife.
27. The Licensee shall not conduct any activity associated with the land use operation during critical periods of wildlife cycles (e.g. caribou migration, calving or raptor nesting).
28. The Licensee shall immediately report problem wildlife to the Department of Sustainable Development (DSD) wildlife officers.
29. The Licensee shall ensure compliance with Section 36 of the Fisheries Act which requires that no person shall deposit or permit the deposit of a deleterious substance on any type in water frequented by fish or in any place under any conditions where the deleterious substance may enter such a water body.
30. The harmful alteration, disruption or destruction of fish habitat is prohibited under Section 35 of the Fisheries Act. No construction or disturbance of any stream/lake bed or banks of any definable watercourse is permitted unless authorized by DFO.
31. The Licensee shall not obstruct the movement of fish while conducting the land use operation.
32. The Licensee shall ensure that the drill sites avoid known environmentally sensitive areas (calving, denning, nesting etc.) by a minimum of 250 metres.
33. The Licensee shall not allow any employee to hunt or fish, unless the appropriate permits and licenses are acquired from a Renewable Resources Officer.

**Environmental**

34. The Licensee shall ensure that the land use area is kept clean and tidy at all times.
35. The Licensee shall prepare the site in such a manner as to prevent rutting of the ground surface.
36. The Licensee shall be required to undertake any corrective measures in the event of any damage to the land or water as a result of the Licensee's operation.
37. The Licensee shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging.
38. The Licensee shall suspend overland travel of equipment or vehicles if rutting occurs.

**Camp**

39. The Licensee shall not erect camps or store material on the surface ice of lakes or streams.
40. The Licensee shall locate all camps and storage facilities on gravel, sand or other durable land.

### **Archaeological**

41. The Licensee shall follow all terms and conditions for the protection and restoration of archaeological resources as outlined by the Department of Culture, Language, Elders and Youths (CLEY).

### **Reclamation**

42. The Licensee shall remove all scrap metal, discarded machinery and parts, barrels and kegs, buildings and building material upon abandonment.
43. The Licensee shall complete all clean-up and restoration of the lands used prior to the expiry date of the permit.

### **Other Recommendations**

1. NIRB would like to encourage the proponent to hire local people and services, to the extent possible.
2. NIRB strongly advises the proponent to consult with the local residents regarding their activities in the region and that the information be presented to the community in the community's preferred language.
3. Any amendment requests deemed by NIRB to be outside the original scope of the project will be considered a new project.
4. The Environmental Protection Branch (DOE), Department of Fisheries and Oceans (DFO), Nunavut Impact Review Board (NIRB), and the Nunavut Water Board (NWB) should be advised of any material changes to plans or operating conditions associated with the project.

### **Validity of Land Claims Agreement**

#### **Section 2.12.2**

Where there is any inconsistency or conflict between any federal, territorial and local government laws, and the Agreement, the Agreement shall prevail to the extent of the inconsistency or conflict.

Dated May 22/03 at Arviat, NU

Elizabeth Copland  
Elizabeth Copland, Chairperson



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Department of  
Culture, Language, Elders & Youth

Pithohilikioni

Ministère du gouvernement  
Culture Langues, Aînés et Jeunesse

April 22, 2003

Gladys Joudrey  
Environmental Assessment Screener  
Nunavut Impact Review Board  
Box 2379  
Cambridge Bay, NU X0E 0C0

Re: Land Use Application NIRB 03EN056 Crater Lake Project (Committee Bay Resources Ltd.)

Due Date: April 30, 2003

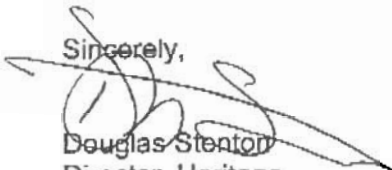
Dear Ms. Joudrey:

At your request, the Department of Culture and Heritage, Government of Nunavut, has reviewed the above-noted application. Our recommendations follow.

We recommend approval of the above-cited application, as the proponent's proposed activities do not constitute a threat to known archaeological resources.

The attached conditions specify plans and methods of site protection and restoration to be followed by the permittee if an archaeological site is encountered or disturbed in the course of the land use activity.

Sincerely,

  
Douglas Stenton  
Director, Heritage  
Department of Culture, Language, Elders and Youth

Encl.

## COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. In order to assess the environmental and socio-economic impacts of the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

Project Title: Crater Lake Project  
 Proponent: Committee Bay Resources Ltd.  
 Location: Committee Bay, Nunavut  
 Comments Due By: Wednesday, April 30, 2003 NIRB #: 03EN056

## Indicate your concerns about the project proposal below:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> no concerns                      | <input checked="" type="checkbox"/> traditional uses of land               |
| <input checked="" type="checkbox"/> water quality                    | <input checked="" type="checkbox"/> timber harvesting activities           |
| <input checked="" type="checkbox"/> terrain                          | <input checked="" type="checkbox"/> community involvement and consultation |
| <input checked="" type="checkbox"/> air quality                      | <input checked="" type="checkbox"/> local development in the area          |
| <input checked="" type="checkbox"/> wildlife and their habitat       | <input checked="" type="checkbox"/> tourism in the area                    |
| <input checked="" type="checkbox"/> marine mammals and their habitat | <input checked="" type="checkbox"/> human health issues                    |
| <input checked="" type="checkbox"/> birds and their habitat          | <input checked="" type="checkbox"/> other: _____                           |
| <input checked="" type="checkbox"/> fish and their habitat           |  |
| <input checked="" type="checkbox"/> heritage resources in area       |  |

## Please describe the concerns indicated above:

IF The project overlap with National Park. all of them will be is.

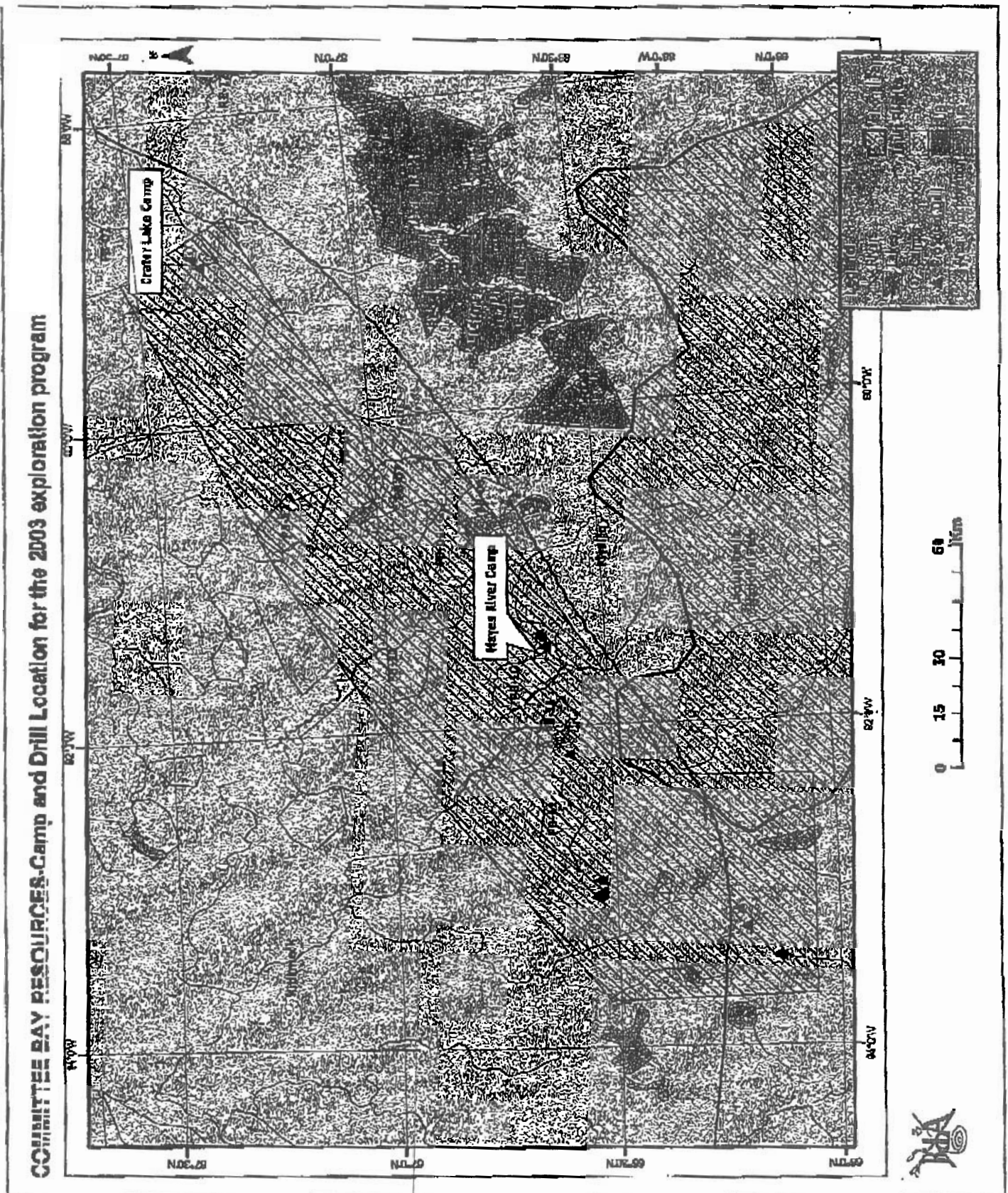
## Do you have any suggestions or recommendations for this application?

The project will take place close to National Park.

Do you support the project proposal? Yes ☐ No ☐ Any additional comments?

Yes IF they prevent overlap on National Park.

Name of person commenting: LUIS MANZO of K1A  
 Position: Director Organization: Kivalliq Inuit Association  
 Signature: [Signature] Date: APRIL 30/2003



MAY-01-2003 THU 02:01 PM CGTRANKIN

T-648 P.010/014 F-195  
FAX NO. 867 845 8143 P. 03

14-Apr-2003 08:24am From-Nunavut Impact Review Board

T-079 P.002/004 F-048

## COMMENT FORM FOR NIRB SCREENINGS

The Nunavut Impact Review Board has a mandate to protect the integrity of the ecosystem for the existing and future residents of Nunavut. In order to assess the environmental and socio-economic impacts of the project proposals, NIRB would like to hear your concerns, comments and suggestions about the following project application:

<b>Project Title:</b> <u>Cropper Lake Project</u>	
<b>Proponents:</b> <u>Committee Bay Resources Ltd.</u>	
<b>Location:</b> <u>Committee Bay, Nunavut</u>	
<b>Comments Due By:</b> <u>Wednesday, April 30, 2003</u>	<b>NIRB #:</b> <u>03EN056</u>

**Indicate your concerns about the project proposal below:**

<input checked="" type="checkbox"/> <b>General concerns</b>	<input type="checkbox"/> <b>traditional uses of land</b>
<input type="checkbox"/> <b>water quality</b>	<input type="checkbox"/> <b>timber harvesting activities</b>
<input type="checkbox"/> <b>terrestrial</b>	<input type="checkbox"/> <b>community involvement and consultation</b>
<input type="checkbox"/> <b>air quality</b>	<input type="checkbox"/> <b>local development in the area</b>
<input type="checkbox"/> <b>wildlife and their habitat</b>	<input type="checkbox"/> <b>tourism in the area</b>
<input type="checkbox"/> <b>marine mammals and their habitat</b>	<input type="checkbox"/> <b>human health issues</b>
<input type="checkbox"/> <b>birds and their habitat</b>	<input type="checkbox"/> <b>other:</b> _____
<input type="checkbox"/> <b>fish and their habitat</b>	
<input type="checkbox"/> <b>hunting resources in area</b>	

**Please describe the concerns indicated above:**

*Project is located outside of the Repulse Bay and Baker Lake Municipal Boundaries and therefore outside of my jurisdiction.*

**Do you have any suggestions or recommendations for this application?**

\_\_\_\_\_

**Do you support the project proposal? Yes ☒ No ☐ Any additional comments?**

\_\_\_\_\_

**Name of person commenting:** Robert Chagote or Rankin Inlet

**Position:** Community Planning Organization

**Signature:** [Signature] **Date:** April 30, 2003



Indian and Northern  
[www.inac.gc.ca](http://www.inac.gc.ca)

Affaires indiennes  
[www.ainc.gc.ca/ada](http://www.ainc.gc.ca/ada)

Water Resources Division  
Qimugjuk Building  
P.O. Box 2200  
Iqaluit, Nunavut  
X0A 0H0

Your file - Votre référence  
NWB2CRA

April 25, 2003

Our file - Notre référence

Ms. Phyllis Beaulieu  
Licensing Administrator  
Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0B 1J0

Re: Crater Lake Project - NWB2CRA

On behalf of Indian and Northern Affairs Canada (INAC), I have reviewed the renewal application submitted for the Crater Lake Project. Based on the mitigative measures outlined in the application and supporting documentation submitted by Committee Bay Resources Limited, it appears that the Nunavut Water Board should consider issuing separate water licences for Hayes River and Crater Lake since the camps are geographically distinct.

The following list outlines recommended conditions that should be incorporated into the water licence(s) to prevent any potential impacts on water.

- All waste disposal areas, sewage treatment facilities, grey water sumps, and fuel caches should be located a minimum of 30 metres from the normal high water mark of any water body, and be sufficiently bermed or otherwise contained to ensure that deleterious substances do not enter any water bodies.
- All sumps should be backfilled and properly restored prior to leaving the site.
- All noncombustible garbage should be stored/disposed of in an approved disposal site. For a small camp, the most appropriate method is likely the removal of non-combustible waste from the site.
- Hazardous waste, such as petroleum or batteries, should be segregated from the domestic waste and stored/disposed of in an appropriate manner. As with noncombustible waste, the most appropriate method for a small camp is likely the

removal of hazardous waste from the site.

- The camp should have an appropriate spill contingency plan as well as an abandonment and restoration plan for the dismantling of the camp. These plans should include provisions for the water treatment and waste disposal facilities.
- All spills of oil, fuel, or other deleterious substances should be immediately reported to the 24-Hour Spill Line at (867) 920-8130. The spill should also be reported to INAC's Water Resource Officer at (867) 975-4298, and a report should be provided with the follow-up measure taken to remediate the spill.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4548 or by e-mail at [mcchristiem@inac.gc.ca](mailto:mcchristiem@inac.gc.ca).

Sincerely,  
*Original signed by:*

Michelle McChristie  
Kitikmeot/Kivalliq Regional Coordinator

c.c.: C. Bodykevich, Water Resources Officer  
G. Joudrey, Nunavut Impact Review Board



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

April 30, 2003

Our file: 4703 001

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 Email

**RE: NIRB 03EN056 – Committee Bay Resources Ltd. – Crater Lake Project**

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*.

Committee Bay Resources Ltd. is proposing to conduct a gold exploration project in the Committee Bay region. Activities will involve a continuation of the 2002 program, with field camps located at Crater Lake and the Hayes River.

Environment Canada requires the following information in order to facilitate the review of this project:

- The project summary submitted with the application appears to be duplicated from the previous year of exploration work. Environment Canada requests that an up-to-date project description for the 2003 field season be submitted, outlining this year's activities and indicating the time frame in which the field work will occur.
- A detailed map outlining the location of all fuel caches, especially in relation to water.
- In the "Environmental Procedure Plan" the proponent has indicated that regular water monitoring should be considered for areas of advanced exploration or semi-permanent camps. Environment Canada requests information as to whether water monitoring will be conducted at this site, and the details of the monitoring if it is to be conducted.

The following conditions should be applied throughout all phases 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.
- Drilling additives or muds shall not be used in connection with holes drilled through lake ice unless they are re-circulated or contained such that they do not enter the water, or demonstrated to be non-toxic.
- For "on-ice" drilling, return water released must be non-toxic, and not result in an increase in total suspended solids in the immediate receiving waters above the Canadian

Council of Ministers for the Environment Guidelines for the Protection of Freshwater Aquatic Life (i.e. 10mg/L for lakes with background levels under 100 mg/L, or 10% for those above 100mg/L).

- The proponent has indicated that drilling additives may be used in association with this project. Environment Canada would like to inform the proponent that the *Canadian Environmental Protection Act* has recently listed CaCl as a toxic substance. The proponent shall therefore ensure that if CaCl is used as a drill additive, all sumps containing CaCl are properly constructed and located in such a manner as to ensure that the contents will not enter any water body.
- All fuel caches shall be located above the high water mark of any definable waterbody and in such a manner as to prevent the contents from entering any waterbody frequented by fish.
- Environment Canada recommends that when storing barreled fuel on location, secondary containment such as self-supporting insta-berms be used.
- The proponent shall not store materials or erect camps on the surface ice of lakes or streams.
- In their Spill Contingency Plan, the proponent has indicated that either the NWT Spill Line and/or the DIAND Spill Line may be contacted in the event of a spill. However, all spills must be documented and reported to the NWT Spill Response Line at (867) 920-8130.
- The proponent has indicated in their Environmental Procedure Plan for Exploration and Remote Camps that "If encountered, artesian water flow will be controlled to prevent erosion of the ground surface and the silting of watercourses". Environment Canada recommends that if an artesian flow is encountered, the drill hole shall be immediately plugged and permanently sealed.
- All sumps shall be located above the highwater mark of any waterbody and in such a manner as to prevent the contents from entering any water frequented by fish. Further, all sumps, including greywater sumps, shall be backfilled upon completion of the field season and contoured to match the existing landscape.

If there are any other 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.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)