

## NWB Annual Report

Year being reported: 2006 ▼

License No: 2BE-PEL0507 Issued Date: June 20, 2006  
 Expiry Date: December 31, 2007

Project Name: Pelly Bay Project

Licensee: Diamonds North Resources Ltd.

Mailing Address: 510-510 Burrard Street  
 Vancouver, B.C.  
 V6C 3A8

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

as above

## General Background Information on the Project (\*optional):

This project was originally operated by BHP Billiton Diamonds Inc. until they decided not to continue with their option agreement. In May of 2006 a request was made that the original Water Licence (NWB2PEL0507) be assigned to Diamonds North as we are now operator of the project. This licence was assigned to Diamonds North on June 20, 2006.

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼ Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	Cache Lake at 90 04 23W, 68 07 35N		
Water Quantity:	5 cu. m daily	Quantity Allowable Domestic (cu.m)	
	0.5 cu. m daily	Actual Quantity Used Domestic (cu.m)	
	90 cu. m daily	Quantity Allowable Drilling (cu.m)	
	0 cu. m daily	Total Quantity Used Drilling (cu.m)	

## Waste Management and/or Disposal

- ☒ Solid Waste Disposal  
☒ Sewage  
☐ Drill Waste  
☒ Greywater  
☐ Hazardous  
☐ Other:

## Additional Details:

General: Water use was confined to the camp for the purposes of washing and drinking. A gasoline centrifugal pump was periodically used to fill 2 - 2-- gallon tanks linked in series. These tanks fed an electric pump that pressurized the camp's

drinking. A gasoline centrifugal pump was periodically used to fill 2 1/2 gallon tanks linked in series. These tanks fed an electric pump that pressurized the camp's internal plumbing. The centrifugal pump had an inch footvalved suction sealed in two layers of standard aluminum window screening. Pump capacity was 70 gallons a minute.

Greywater: Prior to seasonal camp closure in 2006 an insulated and heat traced tank was set into the ground in place of an original open sump. This tank is outfitted with a discharge line that allows periodic pumping of the tank contents to a depression/sump located further upland. Greywater from kitchen and laundry/shower facilities was contained in this passive sump excavated in sand. The sand assisted the regular percolation of sump fluids.

Sewage: Septic sewage was confined to three latrine pits excavated in deep sand. Pits were periodically treated with a commercial lye product and then buried at the seasonal close of the camp in September.

Solid Waste: Food leftovers and packaging was burned daily in a simple burning barrel. Non-flammables were bagged and sent to Kugaaruk for disposal in the landfill site.

Hazardous Waste: Hydrocarbon spills were the only potential source of hazardous waste. Three 45 gallon spill kits were provided at camp and fuel caches while the helicopters carried portable units. All crew members were trained on site in effective spill management.

#### A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.:  (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

#### Revisions to the Spill Contingency Plan

Additional Details:

#### Revisions to the Abandonment and Restoration Plan

Additional Details:

#### Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

Leaking pits buried at seasonal shutdown.

Empty fuel drums were progressively removed from site and flown to Churchill on backhauls or stored at the leased airport site for future removal or crushing.

### Results of the Monitoring Program including:

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Details described below



Additional Details:

Cache Lake - domestic water source - 90 04' 30"W 68 07' 42"

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

Details described below



Additional Details:

Sump 90 04' 33"W 68 07' 42"N  
Outhouses 90 04' 38"W 68 07' 44"N

**Results of any additional sampling and/or analysis that was requested by an Inspector**

No additional sampling requested by an Inspector or the Board



Additional Details: (date of request, analysis of results, data attached, etc)

**Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.**

No additional sampling requested by an Inspector or the Board



Additional Details: (Attached or provided below)

**Any responses or follow-up actions on inspection/compliance reports**

No inspection and/or compliance report issued by INAC



Additional Details: (Dates of Report, Follow-up by the Licensee)

Any additional comments or information for the Board to consider

**Date Submitted:**

Oct. 19, 2006

**Submitted/Prepared by:**

Graham Gill

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