



Box 32, Wekweètì, NT X0E 1W0
Tel: 867-713-2500 Fax: 867-713-2502

#1-4905 48th Street, Yellowknife, NT X1A 3S3
Tel: 867-765-4592 Fax: 867-765-4593
www.wlwb.ca

APPLICATION FOR A NEW WATER LICENCE, AMENDMENT OF LICENCE, OR RENEWAL OF LICENCE

Application/Licence No:
(amendment or renewal only)

<p>1. Name and Mailing Address of Applicant</p> <p>Dominion Diamond Ekati Corporation 1102 4920-52nd St. Yellowknife, NT X1A 3T1</p> <p>Telephone: 867-669-6100</p> <p>Fax: 867-669-9293</p>	<p>2. Address of Head Office in Canada if Incorporate</p>
---	--

3. Location of Undertaking (Describe and attach a map, indicating watercourses and location of any proposed waste deposits).

Latitude 64° 33' to 64° 45' Longitude 110° 17' to 109° 58'

4. Description of Undertaking (Describe and attach plans)

The purpose of this Water Licence is to support development and mining activities for the Jay and Cardinal kimberlite pipes including the extraction of waste rock and kimberlite using open mining methods. The Ekati mine site is located 310 km northeast of Yellowknife (Figure 1.3-1 in the accompanying Project Description). The Jay and Cardinal kimberlite pipe occurs in the southeastern portion of the Ekati property about 25 km from the main facilities and approximately 7 km to the northeast of the Misery pit, in the Lac de Gras Watershed (Figure 1.3-4 in the accompanying Project Description).

The extraction of ore from the Jay and Cardinal pipes will involve the use of a number of existing components of the Ekati mine, including:

- Misery mining infrastructure (e.g., fuel facility, explosive magazines);
- primary roads and transportation infrastructure (e.g., Ekati airstrip);
- Ekati camp and supporting infrastructure;
- processing plant; and
- fine processed kimberlite management facilities (e.g., mined-out Panda and Koala open pits supported by the Long Lake Containment Facility).

In addition to the existing mine components, the Jay-Cardinal Project will require:

- a new access road to the Jay-Cardinal site;
- an aggregate quarry (i.e., borrow source) to obtain construction material;
- construction of roads, pads, and incidental support buildings;
- construction of three dikes and a water diversion structure to isolate the portion of Lac du Sauvage overlying the pipes;

- fish removal from the isolate portion of Lac du Sauvage;
- drawdown of the water level in the isolated portion of Lac du Sauvage;
- the North Arm Water Management Area; and,
- excavation of the Jay and Cardinal open pits.

For additional details please refer to the accompanying Project Description.

5. Type of Undertaking.

1. Industrial	_____	5. Agriculture	_____
2. Mining and Milling	<u> X </u>	6. Conservation	_____
3. Municipal	_____	7. Recreation	_____
4. Power	_____	8. Miscellaneous	_____

6. Water Use

To obtain water	_____	Flood control	_____
To cross a watercourse	_____	To divert water	<u> X </u>
To modify the bed or bank of a watercourse	<u> X </u>	To alter the flow of, or store water	<u> X </u>

Other (describe): _____

7. Quantity of water involved (litres per second, litres per day or cubic meter per year), including both quantity to be used and quality to be returned to source.

A detailed Project Description has been provided as an accompanying document to the application (please refer to Section 4.6.6).

8. Waste deposited (quantity, quality, treatment and disposal)

A detailed Project Description has been provided as an accompanying document to the application (please refer to Section 4.6.8).

9. Other persons or properties affected by this Undertaking (give name, mailing address and location). Attach a list if necessary.

A detailed Project Description has been provided as an accompanying document to the application (please refer to Section 3.3).

10. Predicted environmental impacts of Undertaking and proposed mitigation.

A detailed Project Description has been provided as an accompanying document to the application (please refer to Section 6).

11. Contractors and sub-contractors (names, addresses and functions). Attach a list if necessary.

Certain tasks will be performed by contractors. The names of the contractors could be given to the WLWB upon request when this list is established. Preference will be given to northern contractors.

12. Studies undertaken to date. Attach a list if necessary.

A detailed Project Description has been provided as an accompanying document to the application (please refer to Section 3 and corresponding Appendix 3A).

13. Proposed time schedule.

Start date: 2016 Completion date: 2029 to 2039

Name (print): Eric Denholm  Signature: _____

Title (print): Superintendent Traditional Knowledge & Permitting Date: October 18, 2013

Please make all cheques payable to "Receiver General of Canada"

FOR OFFICE USE ONLY

Application Fee Amount: \$30.00 Receipt No: _____

Water Use Deposit Amount: n/a Receipt No: _____

Note: DDEC will pay the one time drawdown fee at the time of dewatering as per the guidelines.