



**Mackenzie Valley Land and Water Board**  
**7th Floor - 4910 50th Avenue**  
**P.O. Box 2130**  
**YELLOWKNIFE NT X1A 2P6**  
**Phone (867) 669-0506**  
**FAX (867) 873-6610**

Application for:

New Land Use Permit

Amendment

<p>1. Applicant's name and mailing address:  De Beers Canada Inc.  De Beers Canada Inc.  #300 Scotia Centre  5102-50th Ave.  Yellowknife, NT X1A 2S8</p>	<p>Fax number: (867)766-7347</p>
<p>2. Head office address:  De Beers Canada Inc.  Suite 400, 65 Overlead Boulevard  Toronto, Ontario M4H 1P1  Field supervisor: Robin Johnstone  Radiotelephone: (403) 203-1869</p>	<p>Fax number: (416) 645-1710</p>
<p>3. Other personnel (subcontractor, contractors, company staff etc.)  <b>To be determined (estimate of 1,000 workers during construction (600) and operations (400)).</b>  TOTAL: (Number of persons on site)</p>	
<p>4. Eligibility:  (Refer to Section 18 of the <i>Mackenzie Valley Land Use Regulations</i>)</p> <p>a)(i)      a)(ii) X      a)(iii)      b)(i)      b)(ii)</p>	
<p>5. a) Summary of operation (Describe purpose, nature and location of all activities.)  <b>Development of an open pit and diamond processing facility at Gahcho Kué (Kennady Lake), NWT. See Attachment.</b></p> <p>b) Please indicate if a camp is to be set up. (Please provide details on a separate page, if necessary.)  <b>Construction camp will have a dormitory capacity for 400 people and kitchen/recreational facilities to accommodate 650 people. Dormitories of the 250 person permanent camp will be used during construction. See attachment.</b></p>	

6. Summary of potential environmental and resource impacts (describe the effects of the proposed land-use operation on land, water, flora & fauna and related socio-economic impacts). Use separate page if necessary.)

1,172 ha land disturbance which will be reclaimed during mining or at closure; temporary use of Kennady Lake during mining and refilling of the lake (48 years); local impacts on wildlife and fish populations and air and water quality. Land disturbance will be minimized to the extent possible and reclaimed when no longer in use. Land disturbance estimate at closure is 276 ha; water will be treated prior to discharge; wildlife will be given the right-of-way and hazards will be minimized; fish habitat loss will be compensated. The attachment \contains a summary environmental and socio-economic screening assessment and mitigation.

7. Proposed restoration plan (please use a separate page if necessary).

**See Attachment**

8. Other rights, licences or permits related to this permit application (mineral rights, timber permits, water licences, etc.)

**Class A Water License Applications**

Roads:            Is this to be a pioneered road?            Has the route been laid out or ground truthed?

9. Proposed disposal methods. **See Attachment**

a) Garbage: Landfill, Incinerator

c) Brush & trees:

b) Sewage (Sanitary & Grey Water): Sewage Treatment Plant (Sequential Batch Reactor or Membrane Technology)            d) Overburden (Organic soils, waste material, etc.):

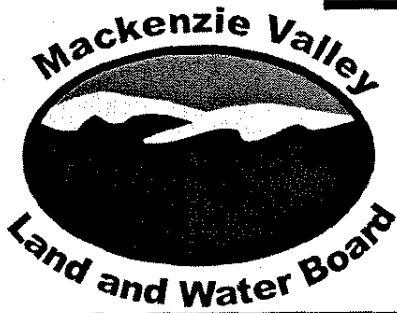
10. Equipment (includes drills, pumps, etc.) (Please use separate page if necessary.)

**See Attachment**

Type & number	Size	Proposed use

11. Fuels	( )	Number of containers	Capacity of containers	Location				
Diesel	LSDL	14	2x19.5ML + 12 x 0.5ML = 45ML	Fuel Storage Facility				
Gasoline	Unleaded gasoline	1	1 x 10,000L	Fuel Storage Facility				
Aviation fuel	Jet-B	1	100,000L	Air Terminal Shelter				
Propane	Propane	20	140 kg	Plantsite outdoor laydown area				
Other								
<p>12. Containment fuel spill contingency plans. (Please attach separate contingency plan if necessary).</p> <p><b>See Attachment</b></p>								
<p>13. Methods of fuel transfer (to other tanks, vehicles, etc.)</p> <p>The fuel distribution pump station will have two (one operating, one standby) high flow pumps (35m<sup>3</sup>/h) for distribution to a 100 m<sup>3</sup> capacity storage tank at the power plant to supply fuel to the main generators, emergency generators and boilers.</p>								
<p>14. Period of operation (includes time to cover all phases of project work applied for, including restoration)</p> <p>Start date: 2009                      Completion date: Mid 2026 for closure of mine; 2047 for final demobilization from site following breaching of dykes (see Attachment)</p>								
<p>15. Period of permit (up to five years, with maximum of two years of extension).</p> <p><b>5 years</b></p>								
<p>16. Location of activities by map co-ordinates (attached maps and sketches) See Attachment 2.1-1 for project layout</p> <table border="1" style="width:100%"> <tr> <td>Minimum latitude (degree, minute) <b>63°25'48" N</b></td> <td>Maximum latitude (degree, minute) <b>63°28'06"</b></td> </tr> <tr> <td>Minimum longitude (degree, minute) <b>109°12'00" W</b></td> <td>Maximum longitude (degree, minute) <b>-109°5'35"</b></td> </tr> </table> <p>Map Sheet no. <b>075N06</b></p>					Minimum latitude (degree, minute) <b>63°25'48" N</b>	Maximum latitude (degree, minute) <b>63°28'06"</b>	Minimum longitude (degree, minute) <b>109°12'00" W</b>	Maximum longitude (degree, minute) <b>-109°5'35"</b>
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<p>17. Applicant Robin Johnstone</p> <p style="text-align: center;">Signature _____ Date _____</p>								
<p>18. Fees                      Type A - \$150.00 **                      Type B - \$150.00 **                      (**Application Fees are Non-Refundable**)</p> <p style="text-align: right;">Land use fee: <u>1172</u> hectares @ \$50.00/hectare                      \$ <u>58,600</u></p> <p style="text-align: right;">Assignment fee \$50.00                      \$ _____</p> <p style="text-align: right;">Total application and land use fees                      \$ <u>58,750</u></p>								

*Please make all cheques payable to “Receiver General of Canada”*



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FOR OFFICE USE ONLY

*Cheques are to be made payable to "Receiver General of Canada"*

Proponent Name: De Beers Canada Inc

Application Number LUP: MV2005C0032 WL: \_\_\_\_\_

Application Fee Amount: \$150<sup>00</sup>      Receipt Number: \_\_\_\_\_  
Land Use Fee Amount: \$58,600      Receipt Number: C143476

Paid by Cash or Cheque #: 0069  
(Please circle)

[Signature]  
Signature

Nov 24/05  
Date

GENERAL RECEIPT  
RÉCÉPISSÉ GÉNÉRAL

C 143476

Date Nov 24/05		Nature and no. of remittance - Forme et n° de la remise cheque # 0069		Invoice no. - N° de facture Nov. 23/05		Branch - Direction MVLWB	
Received the sum of - Reçu la somme de		Fifty-eight thousand seven hundred & fifty dollars		100 Dollars \$58,750. <sup>00</sup>		Location - Endroit YK	

From - De  
 ( De Beers Canada Inc )  
 5102 - 50th Avenue, Suite 300  
 YELLOWKNIFE, NT X1A 3S8 )

For - Pour  
 Land use fees ~~for~~ \$58,600.<sup>00</sup>  
 Application fee \$ 150.<sup>00</sup>  
 LUP# MV2005C0032 = \$58,750.<sup>00</sup>  
 J. Ward  
 Authorized officer - Fonctionnaire autorisé

DE BEERS CANADA INC.  
MINING DIVISION

REC125

Receiver General of Canada

November/23/2005

0069

<u>Invoice/Facture</u>	<u>Date/Date</u>	<u>Gross Amount</u>	<u>Discount Taken</u>	<u>Cheque Amount</u>
GK APPLICATION		58,750.00	0.00	58,750.00

58,750.00

0.00

58,750.00