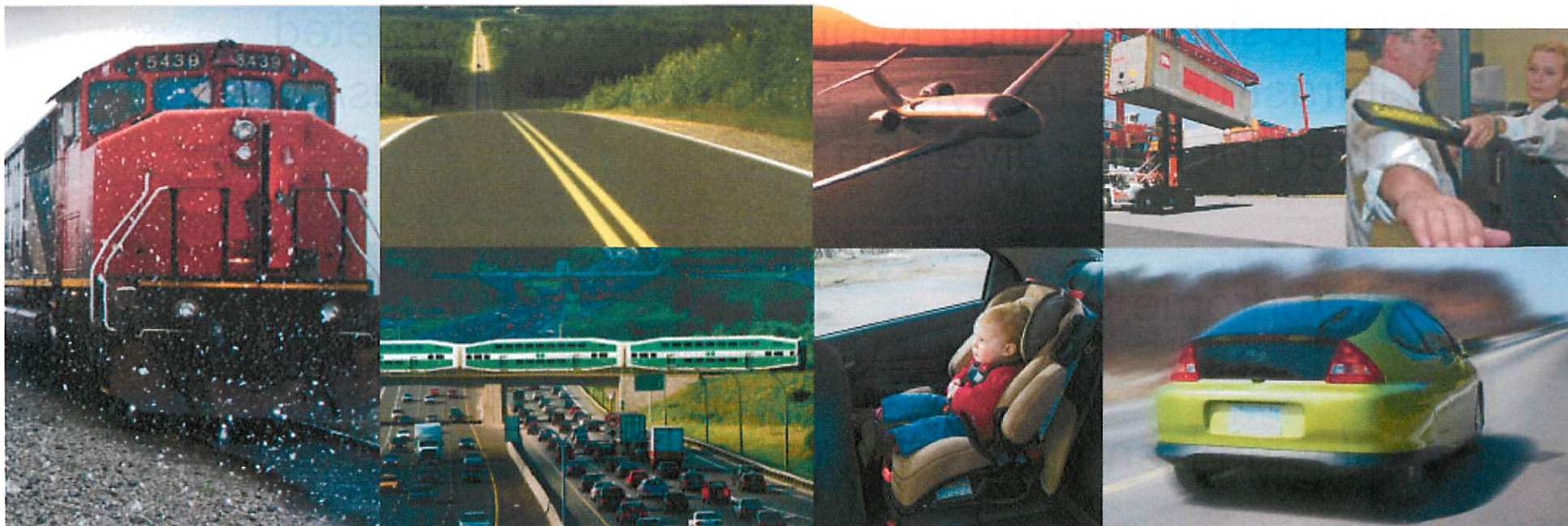


# Transport Canada

Mackenzie Valley Environmental Impact Review Board  
Presentation of Technical Submission  
De Beers Canada Inc. Gahcho Kué Diamond Project  
December 2012





## Overview of Presentation

1. Water Intakes and Access Roadway Watercourse Crossings
2. Depositing / infilling Kennady Lake & associated infrastructure ie. dykes, berms, water Intakes/outfall used for water diversion
3. Aerodrome Safety
4. Closing Remarks





# 1. Water and Access Roadway Watercourse Crossings

## Overview

- De Beers has identified several areas of the mine site plan where they will need to use water management works as part of the site development. These works include but are not limited to the encroachment on the Lake H1A outfall at the east end of the airstrip; freshwater intake located on the north western shore of Area 8; and access roadways with watercourse crossings.



# 1. Water and Access Roadway Watercourse Crossings

## Comments

- Transport Canada will be able to fully assess potential impacts to navigation and potential navigational safety hazards after design plans have been finalized and applications have been submitted for approval under the *Navigable Waters Protection Act (NWPA)*.
- Conditions outlined in *NWPA* approvals will aim to mitigate potential effects specific to project works.

## Recommendation

- Submit applications for approval under the *NWPA* as soon as final design details for project components such as the water intakes and outfalls are completed.



## **2. Depositing / Infilling Kennady Lake and Associated Infrastructure – Dykes, Berms, Water Intakes/Outfall used for Water Diversion**

### **Overview**

- Transport Canada has identified that De Beers Canada Inc. is proposing to dewater a portion of Kennady Lake in order to deposit tailings as part of the Gahcho Kué Project. Works associated with this proposal include the construction and operation of a series of dykes, berms, water intakes and outfalls used to divert and retain water in order to isolate the Project's controlled area from downstream waterbodies through the life of the mine.



## **2. Depositing / Infilling Kennady Lake and Associated Infrastructure – Dykes, Berms, Water Intakes/Outfall used for Water Diversion**

### **Comments**

- Transport Canada has determined that Kennady Lake is navigable and considers the depositing of tailings in that lake to be subject to section 22 of the *NWPA*. Section 22 prohibits a person from depositing any material or rubbish (e.g. stone, gravel, earth, cinders, ashes) that is liable to sink to the bottom in any water, any part of which is navigable or that flows into any navigable water, where there are not at least 20 fathoms (approximately 36.6 meters) of water depth at all times.





## 2. Depositing / Infilling Kennady Lake and Associated Infrastructure – Dykes, Berms, Water Intakes/Outfall used for Water Diversion

### Comments

- Section 23 of the *NWPA* provides that the Governor in Council, when it is shown to its satisfaction that the public interest would not be injuriously affected, may, by proclamation, declare any rivers, streams or waters in respect of which section 22 of the *NWPA* apply, or any parts thereof, exempt in whole or in part from the operation of section 22.

## **2. Depositing / Infilling Kennady Lake and Associated Infrastructure – Dykes, Berms, Water Intakes/Outfall used for Water Diversion**

### **Recommendation**

- Submit an application to Transport Canada if De Beers Canada Inc. wishes to seek a Proclamation of exemption under section 23 of the *NWPA*.
- De Beers Canada Inc. should inform Transport Canada in writing as soon as possible if it wishes to apply for a Proclamation of exemption.
- Work can begin on a section 23 application upon receipt of a complete application, and much of the process can be advanced in parallel to the Environmental Impact Review.





### **3. Aerodrome Safety**

#### **Overview**

- De Beers Canada Inc. is proposing the construction of a private airstrip.

#### **Comment**

- Transport Canada has a responsibility for safety oversight in relation to the operation of aerodromes and airports, upgrades to existing airports and aerodromes, the operation of aircraft, and construction of any towers near airports or aerodromes.

#### **Recommendation**

- De Beers Canada Inc. should adhere to the “Aerodrome Standards and Recommended Practices - TP312”.

## 4. Closing Remarks

- Transport Canada is committed to work with the MVEIRB, other federal and territorial government agencies, stakeholders and De Beers Canada Inc. in the environmental assessment of the Gahcho Kue Project.
- On November 8, 2012, De Beers Canada Inc. provided responses (MVRB Public Registry Document #341) to recommendations outlined in TC's Technical Submission.
- De Beers Canada Inc. has agreed to meet the recommendations outlined in TC's Technical Submission.