

Gahcho Kué Project Public Hearing



Outline

- Introduction
 - Glen Koropchuk - COO,
De Beers Canada Inc.
- Overview of Project
- How did we get here?
- Recommendations



Project Overview

- The proposed Gahcho Kué Project
 - 4th Diamond Mine in the NWT, 2nd Diamond Mine for De Beers in the NWT
- Project Timeline:

Construction

2 Years

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Operations

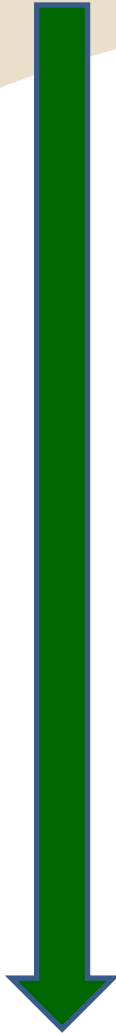
11 Years

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Closure/Post

8+ Years
- Employment:
 - **690** (FTE) during construction, **372** (FTE) during operation and less than **100** (FTE) in closure
- Economics:
 - Capital investment of about **\$650 million** (2010 dollars)
 - Benefits - Full Impact Total GDP for Construction and Operations:
\$3.9 Billion – Canada (88% of this to NWT)
- Responsible development
 - No significant adverse environmental impacts

Environmental Review Process/Engagement



2006	Issues Scoping Workshops
2007 Oct	EIS Terms of Reference issued
2010 Dec	EIS submitted
2011 July	Terms of Reference Conformity
2011 Oct	<i>De Beers' Community & Regulatory Workshop</i>
2011 Nov	Review Panel Analysis Sessions
2012 Jan	Information Requests #1
2012 Feb	<i>Community Visits</i>
2012 April	EIS Supplement submitted
2012 May	Technical Meetings
2012 July	Information Requests #2
2012 Aug	<i>Wildlife Working Group & Site Workshops</i>
2012 Sept	<i>Wildlife & Fish Habitat Workshop and Site Workshops</i>
2012 Oct	Technical Submissions to the Review Panel
2012 Dec	<i>Final Hearings</i>

Recommendations

- 106 recommendations from Regulatory agencies and Aboriginal communities
 - Based on responses, commitment and agreement to 75%
 - Project Description
 - Air Quality
 - Wildlife
 - Water Quality
 - Fish and Fish Habitat
 - Monitoring
 - Traditional Knowledge
 - Socio-economics



Project Description

- Alternatives Analysis
 - Area 7
 - Water Treatment
- Dyke Construction and Stability
- Monitoring Plan for Mine Waste Facilities
- *Navigable Waters Protection Act*
- Closure and Reclamation Plan



Air Quality

- Air Quality and Emissions Monitoring and Management Plan
 - Submitted
- Incinerator Management Plan
 - Submitted
- Commitment to monitoring
- Dust Study
 - Novel research



Wildlife

- Caribou
 - Zone of Influence Monitoring
 - Behaviour Monitoring
- Monitoring the Winter Access Road
- Wildlife Effects Monitoring Program (WEMP)
- Cumulative Effects Monitoring and Management
- Regional Grizzly Bear and Wolverine Monitoring
- Reducing of Risk to Migratory Birds
 - Lake Level Change
 - Aircraft Disturbance
- Regional Bird Monitoring
- Monitoring Water Bird Use of the WMP and Collection Ponds



Water

- Site-specific Water Quality Objectives
- Aquatic Effects Monitoring Plan (AEMP)
- Groundwater
- Closure Objectives



Fish and Fish Habitat

- Aquatics Baseline
- Overwintering and Stream Habitat
- Dewatering
- Downstream Flow Mitigation Plan
- No Net Loss Plan
- Closure



Monitoring

- Collaborative monitoring approach
- Wildlife Effects Monitoring Program
 - submitted
- Air Quality and Emissions Monitoring and Management Plan and Incinerator Management Plan
 - submitted
- Aquatic Effects Monitoring Program
 - in development



Traditional Knowledge

- Berry picking with elders and youth
- Staggered fish out
 - Aboriginal day and cultural week
- Fish tasting program at Kirk Lake
- Community-based monitors
- Senior Traditional Knowledge position
- Include local knowledge in environmental monitoring and reporting
- Develop public information materials and signage
 - Conservation and hunting associated with WAR
- Ongoing life of mine engagement and reporting



Socio-Economics

- Project Timing
- Employment
 - Recruitment
 - Education, Training and Professional Development
 - Contractor Hiring and Employment
- NWT Business Policy
- Health and Wellness
- Culture, Heritage and Archaeology
- Monitoring and Follow-up
- Closure



Questions?

