



## Monitoring, Maintenance and Management



Pre-Technical Report Workshop  
Yellowknife NT, June 27-28, 2012



## **OUTLINE**

1. Consultation and Engagement
2. Environmental Management System
3. Oversight



# 1. Consultation and Engagement



## Engagement Activity Since Technical Sessions

Type	Stakeholder			
	Aboriginal	Public	Regulators	Other
Tours	2	7	4	11
Meetings	12	2	3	2
Correspondence, phone, interviews	15	1	0	2



## Public Sessions

- Held in
  - Dettah – May 8
  - Yellowknife – May 9
  - N'Dilo – May 10
- Purpose to provide
  - Update on C&M activities
  - Information on SS Plan
  - Work planned for near future
- Media attended Yellowknife and Dettah sessions



## Issues Raised at Public Sessions

- YKDFN
  - Impacts of mine development on traditional ways
  - Recognition and compensation
  - Ongoing and potential impacts – safety of water, tailings dust, ice thinning at diffuser
  - Involvement in future planning and socioeconomic benefits
  - Further discussion of selected options to incorporate TK in final design
  - Lack of information
- Community at large
  - Waste storage plans
  - Remediation of tailings and contaminated soil
  - Regulatory approval process for SS Plan activities



## Engagement Sessions with YKDFN and Tlicho

- Held in
  - N'Dilo (YKDFN) – May 9
  - Yellowknife (Tlicho) – June 13
- Purpose
  - To have Project Team describe the plans for remediating the site and potential for socioeconomic benefits
  - To have the Aboriginal groups describe their capacity and aspirations to participate
- Outcome
  - Both Aboriginal groups
    - Very interested to participate
    - Have and continue to develop capacity
  - YKDFN raised the same issues as at Public Sessions
  - Start of an ongoing dialogue



## Giant Mine Advisory Committee (YKDFN)

- Membership of GMAC
  - Two elders, two councillors, two hunters/trappers
  - Technical advisor
- Purpose
  - To review closure plans and input TK and other information
  - To monitor the project on behalf of YKDFN
  - To keep YKDFN communities informed
- Interaction between GMAC and Project
  - Project providing funding
  - Project will provide technical support as required
  - GMAC and Project will engage in joint review and planning sessions of the closure plans for each mine component





# Giant Mine Remediation Project



Canada

## **2. Environmental Management System**



## Context

- Purpose and Scope
  - To develop and implement an EMS for Project
  - Will cover environment, health, safety and community
- Working Groups
  - Project Environmental Management Group (EMG)
  - EMS Working Group (WG) of Parties
    - YKDFN, AN, City, EC, DFO
    - Project proponents (AANDC and GNWT), and PWGSC
    - RB and MVLWB are observers
    - Project providing funding to YKDFN and AN
- Interaction between EMG and WG of Parties
  - EMG with consultant support does the development of EMS
  - EMS WG of Parties
    - Provides advice and other input
    - Reviews drafts



## Progress

- Developed
  - Draft terms of reference for EMG and WG of Parties
  - Draft EHSC Policy
  - Definitions of key terms
  - Draft matrices summarizing DAR and other information
    - By mine component
    - List closure objectives, criteria, targets, monitoring, further studies
  - Environmental Management Plan for “Buildings” mine component
- Held three meetings of WG of Parties
  - March 5, 2012
    - Purpose of WG, TOR, Policy
  - April 25, 2012
    - EMS architecture, Matrices, EMPs, Life-of-project monitoring
  - June 20, 2012
    - Definitions, Buildings Matrix, Priorities



## Priorities and Schedule

- **EMG and WG of Parties**
  - Gap analysis/audit of C&M operations by August 2012
  - EHSC Policy by September 2012
  - EMS Manual by January 2013
  - Matrices and draft EMPs ( $\approx 19$ ) by March 2013
- **EMG and GMAC**
  - Ongoing discussions of closure plans for mine components
  - Initial priorities
    - Arsenic freezing
    - Water quality
    - Roaster complex
  - Duplicate process with other Aboriginal groups as necessary



## Giant Mine Remediation Project



Canada

### 3. Oversight



## Background and Context

- Oversight of Giant Mine a priority of YKDFN, AN and others
  - Natasha Affolder et al Report (February 2011)
  - Theme at Technical Session and Information Requests
- Yellowknife Workshop (March 6-7, 2012)
  - Attended by
    - Proponent and Parties to EA
    - Invited speakers
    - Review Board staff as observers
    - Included an evening public session
  - Concluded that enough common ground existed to justify continuing the process
  - Formed an Oversight WG to continue discussions toward an agreement
    - YKDFN, AN, City GNWT and AANDC
    - Facilitator



## Scope and Mandate of an Environmental Advisory Committee

- Scope
  - Monitor implementation of environmental aspects of project
  - Advisory in nature (no operational decision making authority)
  - Representative of the public
  
- Mandate
  - Provide independent advice on environmental matters
  - Ensure its advice regarding remediation and perpetual care assists the proponents
    - Minimize environmental harm and risks
    - Maximize environmental benefits and opportunities
    - Build public confidence
  - Establish and maintain effective communications among all parties and with the public



## Functions of an Environmental Advisory Committee

- Enable effective communications among parties and public
- Encourage research into treatment options that could obviate the need for perpetual care
- Maintain institutional and societal memory
- Review the design of environmental monitoring programs and environmental management plans including perpetual care plans
- Monitor commitments made by the proponents
- Create and maintain public confidence





## Areas Requiring Further Consideration

- Membership selection and appointment process
- Term of the committee and linkage to project phases
- Research framework
- Budget for the committee
- Timing of committee establishment
- Nature of agreement that would create committee