Great Slave Lake (GSL) Remediation Project

Community Engagement and Capacity Building Strategy

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2014 RPIC Federal Contaminated Sites National Workshop
Ottawa, Ontario April 14-16 2014
Acknowledgments

AANDC
- Northern Contaminated Sites Program
- Contaminants & Remediation Directorate
- Aboriginal & Territorial Affairs
- Communications

PWGSC
- Northern Contaminated Sites Group

SENES
- Technical Lead

Akaitcho Dene
- Lutsel K’ee Dene First Nation
- Deninu Kue First Nation
- Yellowknives Dene First Nation

NWT Metis
- Fort Resolution Metis Council

Tlicho Gov’t
- Copper Pass site
Presentation Overview

- GSL Sites – History and Current State
- GSL Community Engagement
- Planning and Execution
- Traditional Knowledge and Remedial Action Plan (RAP) Development
- Moving Forward
- Lessons Learned (so far)
GSL Project – Site Locations
Outpost Island Mine

- gold/copper/tungsten
- operated sporadically between 1935 and 1952
- 1955 fire destroyed most structures
Blanchet Island Mine

- cobalt and nickel
- staking began in 1960s
- exploration and mining until 1970-71
Copper Pass Mine

- nickel and copper
- staked in 1940s
- exploration and mining in late 1960s
Community Engagement Strategy

- Identify stakeholder groups* within complex land claim overlaps
- Engage at Community and Executive Level
- Determine community knowledge and capacity
- Ensure meaningful community participation
- Ensure community involvement at all phases of the project
- Follow best practices and guidelines for engagement and Traditional Knowledge collection
* Aboriginal Stakeholders:

**Akaitcho Dene** (Interim Measures Agreement)
- Yellowknives Dene First Nation (YKDFN)
- Lutsel K’e Dene First Nation (LKDFN)
- Deninu K’ue First Nation (DKFN)

**NWT Metis** (Interim Measures Agreement)
- Fort Resolution Métis Council (FRMC)

**Tlicho** (Tlicho Final Agreement)
- Tlicho Government
Planning for Engagement

- GSL Community Engagement Plan development, Consultation Log and Elder’s Committee
- Develop workplan, budget and secure Grants & Contributions funding
- Meet with Community Members and Leadership
- Engage Community Technical Advisor’s for RAP review
Executing Engagement

April 2013
- Community and Executive Updates
- TK Study
- Community RAP Review

May 2013
- RAP Options Workout (2 days)

June 2013
- Site Tour
- Community briefing

July 2013
- Copper Pass trail brushing

Sept 2013
- Community update meetings

March 2014
Community and Executive Updates
Mapping Exercise and Site Reconnaissance
## TK Questionnaire

Table 1 (of 8). Traditional Knowledge Study Questionnaire

### Copper Pass Mine Site

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<tbody>
<tr>
<td>prior to development and mine construction</td>
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<tr>
<td>During exploration, mining and claim staking years</td>
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<td>Post closure and reclamation</td>
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1. Please indicate for each period the number of years you visited the GSL Project area?

   - 3 yrs

12. Did caribou only migrate through the area or stay there for some time (if so, how long)?

   - Winter: stay
   - Migrate: spring
   - None

26. Have you seen any muskox at this site?

   - No muskox

10. Wolverine

   - 20
   - Good health
   - None
RAP Options Workout
Remedial Options Selection

- Technical options drafted by Crown, Technical Lead and FCSAP support and tabled at RAP workout

- Options were discussed via round table
  -> based on merit and risk
  -> preferred options selected by consensus
  -> some options were “hybrid” i.e., Outpost mine openings (foam and concrete)
  -> in case of Outpost Waste Rock/tailings, preferred option could not be selected until site tour was conducted
# RAP Options Selection

## Blanchet Mine – Remedial Options Evaluation
**Fort Resolution**  
**June 13-14, 2013**

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<thead>
<tr>
<th>Mine Component</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
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<td>PHC Impacted Soil</td>
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<td>Surface Water and Sediments</td>
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NWT Region

Canada
### RAP Options Selection

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<tr>
<th>Ore Concentrate</th>
<th>Metals Impacted</th>
<th>Consolidate on site disposal</th>
<th>Consolidate off site disposal</th>
<th>Excavate and place and cover</th>
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- Ore concentrate
- Leave as before as consolidated
- Metal impacted
- Leave as cap with excavated soil
Elders and Board Site Tour
Copper Pass Trail Brushing Program

Copper Pass trail brushing
Information Collected from Engagement

- Winter Road Access – historic routes
- Marine access – commercial fishing routes
- TK Study Information – wildlife harvests, migrations, plant and water collection, trapping routes
- Archaeology Survey – sensitive areas
- Mine Heritage Historical - preservation
- Preferred options for RAP and monitoring
Moving Forward

- Site Blessing – pre-remediation
- Site Tour – during remediation
- Update meetings - offseason
- Project Closure Celebration – commemorative plaque, feast and recognition
- Long Term Monitoring – with continued community involvement
Lessons Learned (so far)

- Finalize TK questionnaire in communities
- Recognize TK sensitivities (confidentiality, sacred places) early on
- Strike Elder’s Committee early in project cycle (and identify alternates)
- Plan site tour(s) ahead of RAP options workout
- Incorporate capacity building (docking, brush clearing) into assessment phases

“Learn to Listen. Listen to Learn”
... QUESTIONS?

Thank you