



Indigenous and
Northern Affairs Canada

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Bullmoose-Ruth Remediation Project Technical Update to the Mackenzie Valley Land & Water Board

September 8, 2016

Yellowknife, NWT

Indigenous and Northern Affairs Canada – Contaminants and Remediation Division

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Meeting Objectives

- 1. *Revisit*** BMR project history, status and next steps
- 2. *Discuss*** technical issues identified during public review of INAC's application for a Land Use Permit & Water License
- 3. *Respond*** to questions posed by the Mackenzie Valley Land & Water Board and outline needs for Surveillance Monitoring Program

BMR Remediation Project Stakeholders

Akaiicho Dene and NWT Metis

- . Akaiicho Asserted Territory
- . Interim Measures Agreement

Tlicho Government

- . Tlicho Final Agreement

Authorities Having Jurisdiction

- . MVLWB (WL, LUP)
- . INAC Lands (Inspection, Q Permit)
- . WSCC-Mine Safety
- . ESDC (Labour Canada)
- . Environment Canada (TDGA, Fuel)
- . DFO (Fisheries Act, Water Withdrawal)
- . DND (Bullmoose airstrip)
- . GNWT - DOT (Highways)

Authorities Having Jurisdiction (cont'd)

- . GNWT - ENR (Lands, Forestry)
- . GNWT – ITI (Parks)
- .GNWT–Health (Kitchen Permit, Foodsafe)
- . PWNHC (Archaeological)

3rd Parties

- .Tibbitt-Contwoyto Winter Road JV Group
- .Lodge owners
- .Cabin Lease holders
- .Mineral Lease holders
- .GSL Snowmobile Association

BMR Permitting

- Type A Land Use Permit
- Type B Water Licence
- Quarry Permit
- Archaeological Permit
- Highway Access Permit
- Oversized Load Permit
- Burn Permit
- Foodsafe/Fire Inspection

BMR Permitting

Land Use Permit – Plans

INAC “conceptual” (submitted with applications)

1. Sediment & Erosion Control Plan
2. Waste Management Plan
3. Spill Contingency Plan
4. Borrow Source Assessment
5. Engagement Plan and Consultation Log

BMR Permitting

Quarry Permit – annual application

Reporting Requirements

1. Monthly Quarry Report (material type and volume, coordinates, maps, etc.)
2. Annual Final Plan (end of each field season)

References:

*Quarry Operations/Mgmt Plan

* Territorial Quarry Regulations (*TLA*)

BMR Permitting

Water License - Water Use:

- MAX. $<299\text{m}^3/\text{day}$
- total of all 7 sites
- camp, dust control, decontamination, winter road construction
- water conservation

BMR Permitting

Water License – Waste Disposal:

- mine opening water (soak-away sumps)
- landfarm contact water
- non-hazardous waste landfills (2)
- camp waste water (soak-away sumps, with sufficient setback)
- equipment decontamination
- hazardous waste (offsite disposal at approved facility)

Monitoring

- Proposed monitoring locations are based on information from the RAP, FCSAP Guidelines and past approaches at other sites
- As part of project execution Construction, Post-Construction and Long-Term Monitoring Plans will be developed
- These proposed monitoring locations and plans can form the basis of the SNP

Revised Schedule and Work Plan

- **Fall 2016 Program:**

- Pre-mob site assessments

- Winter road track survey

- Non-hazardous waste consolidation at Chipp and Storm

- **Winter 2017 Program:**

- Winter road brushing

- Winter road upgrade/potential realignment

- **March 2019 Demob**

- Dependent upon 2017 and 2018 winter road conditions