



STAFF REPORT

Company: INAC-Contaminants and Remediation Directorate	
Location: North Inca Mine Site-Indin Lake, NT	Application: W2009X0002
Date Prepared: March 13, 2009	Meeting Date: March 19, 2009
Subject: New Land Use Permit Application – North Inca Mine Site Remediation Project	

1. Purpose/Program Summary Report

The purpose of this report is to update the Board on the Land Use Permit Application W2009X0002 that was submitted by INAC-Contaminants and Remediation Directorate (INAC-CARD) for the North Inca Mine Site Remediation Project.

Project is for the remediation of the abandoned North Inca Mine site on Indin Lake. INAC-Card will move personal and equipment on site in the end of March 2009 and are anticipating demobilization in the Winter of 2010. Project components are as follows:

Camp

- Construction and operation of 17 + person camp on site that will be occupied for ~84 days or 1183 person days.
- Sump for sewage and greywater.
- Drinking water from sourced from Indin Lake.
- Approved wastes to be incinerated and residual ash, plastics, and non-hazardous wastes to be stored on site till shipment to the Colomac mine site for disposal.
- Hazardous waste is to be disposed of at an approved disposal facility.

Road

- 500 metre spur road from the already permitted Colomac Winter Road to be constructed to access the site.
- Existing roads will be cleared and used when needed on site.
- No new roads will be constructed on site.

Fuel

- 1 x 100,000L capacity double walled green enviro tank (Diesel)
- 4 x 205L Barrels (Gas)
- 1 x 100lb Tank (Propane)

Equipment

- 1 x Excavator
- 2 x Backhoe
- 1 x Welding/Cutting Unit
- 1 x Walk behind compactor
- 1 x D3 Dozer
- 1 x Bobcat
- 1 x Dumptruck
- 1 x Concrete mixer
- 2 x ATV w/ trailers

Remedial Options

The following is a description of the remedial options for each component of the mine site facility:

Mine Openings

- Seal mine shaft with an engineered cap.
- Surface exploration trench – backfill or grade edge slopes with waste rock.

Buildings, Infrastructure and Equipment

- Remove ACM, PAHs and hazardous materials for appropriate disposal.
- Demolish buildings.
- Dispose of debris and equipment in Colomac landfill.

Designated Substances

- Dispose of ACM and non-hazardous materials in Colomac landfill.
- Dispose of PAH impacted ash and hazardous materials at off-site licensed disposal facility.

Empty Drums

- Crush and dispose of in Colomac landfill.

Empty Fuel Storage Tanks

- Dismantle and dispose of parts with non-hazardous paint in Colomac landfill.
- Dismantle and send parts with hazardous paint to an off-site licensed disposal facility.

Waste Disposal Areas

- Pick up and dispose of waste in Colomac landfill.

Miscellaneous Debris

- Clean up and dispose of in Colomac landfill.

Petroleum Hydrocarbon Impacted Soils

- Excavate and send to Colomac for treatment.

Waste Rock

- Re-grade shoreline slope.
- Remove localized acid potential waste rock and send to Colomac for appropriate disposal.

Roadways

- Leave existing roads as is.
- If temporary roads are constructed for remedial works, upon completion remove any culverts, bridges or other road improvements and leave for natural re-vegetation

2. Background

- The WLWB received a new land use permit application on January 26th, 2009.
- The application was deemed complete on February 4th, 2009.

3. Discussion

INAC-CARD requires a Type "A" Land Use Permit as their activities include the use of vehicles and machines that exceed the threshold of 10 tonnes for equipment weight as outlined in Section 4 (b)(i) of the *Mackenzie Valley Land Use Regulations*. Additionally, as outlined in Section 4 (b)(ii) a Type "A" Permit is also required for a camp exceeding 400 person days (Camp is ~1183 person days).

Preliminary Screening

Section 124(1) of the *Mackenzie Valley Resource Management Act* requires the Wek'eezhii Land & Water Board to undertake a Preliminary Screening of any proposed development prior to the issuance of a Licence, Permit, or Authorization.

The Preliminary Screening Report determined that the development proposal would have no significant adverse environmental impact or significant public concern.

4. Review comments

The renewal application was referred to twenty three (23) Federal, Territorial, Tłıchǫ and First Nation\Aboriginal or Co-Management organizations on February 4th, 2009, requesting comments by February 25th, 2009. We received comments back from 6 of these organizations. Please see attached referral comments table for detailed responses from: Environment Canada, INAC , GNWT-Health, GNWT-Environment and Natural

Resources, Department of Fisheries and Oceans, and the Mackenzie Valley Land and Water Board.

5. Security and Land Use Fees

No Security Deposit is required as the project is to be operated by INAC-CARD.

6. Conclusion

All information required to evaluate this Type "A" Land Use Permit application has been submitted to the board. None of the review organizations had any comments that would prevent the Board from issuing a LUP at this time. All comments have been addressed by the implementation of conditions within the LUP Term and Conditions or the comments have been forward to the Applicant.

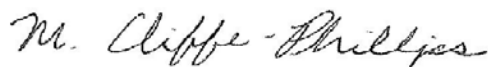
7. Recommendation

The Board staff recommends that a Type "A" Land Use Permit be issued to INAC-CARD for a period of 5 years with appropriate Terms and Conditions. The applicant had only applied for a two year period, but a longer term might be required in the event of complications with the remediation work or winter road access. Draft copies of the Land Use Permit and Terms and Conditions are attached.

8. Attachments

- LUP Application and Supporting Documents
- Comment Summary Table
- Preliminary Screening Form
- Review Agency Correspondence
- Draft Land Use Permit
- Draft Terms and Conditions

Respectfully submitted,



Mark Cliffe-Phillips
Regulatory Specialist