

Memo

To: Bob Carreau
From: Murray Markle
CC: Geoff Claypool
Date: Dec 1, 2004
Re: 2003 Geotechnical Inspection of Waste Containment Dikes Nanisivik Mine, Nunavut

Please find attached action list in response to items listed in the 2004 geotechnical inspection report submitted by Geoff Claypool

West Twin Lake Dike Grade over the settled areas and cracks on the downstream face of the dike and monitor. Report any anomalous visual observations to BGC. Instrumentation should continue to be read as per table. Weekly inspections should be recorded in a log.

The Cracks and settled areas have been repaired. Thermocouples, Thermistors and Piezometers continue to be read as per the schedule. Weekly inspections continue to be logged as per the license.

2. **Test Cell Dike** No Maintenance currently recommended.
3. **East Twin Diversion Dike & Channel** The dike will be re-graded during reclamation construction

This work is scheduled in the summer of 2005.

4. **East Adit Treatment Pond Dike** No immediate dike maintenance recommendations.
5. **East Adit Retention Pond Dike** No Maintenance recommended if Dyke removed in 2005.

We anticipate removing the dyke in 2005.

6. **Tank Farm Spill Containment Berm** Liner is exposed at several locations and should be covered over.

The exposed liner has been covered over.

7. **Day Tank Farm Spill Containment Berm** Backfill liner to prevent further damage from occurring

The area will be reclaimed in the summer of 2005.

8. **Dump Ponds** Lower dump pond liner is wrinkled but appears to hold water. Cuts observed should be repaired. The erosion noted should be backfilled to provide support for the liner and riprap installed to ensure protection from future storm events. The upper dump pond requires no maintenance.

These dump ponds are redundant as the tailings line has been reclaimed. The liners from both ponds will be removed in the summer of 2005 and the berms re-contoured.

Sincerely

Murray Markle
Site Manager – Nanisivik Mine