

Appendix D1

Summary of 2008 Plan Revisions

MEADOWBANK GOLD PROJECT

**Summary of Revisions:
2008 Management Plans**

Spill Contingency Plan

Submitted in accordance with Part H, Item 2:

Submit to the Board for review, within thirty (30) days of the approval of this Licence, revised in accordance with the Spill Contingency Planning and Reporting Regulations developed under the Environmental Protection Act (Nunavut). The revised Plan shall cover mine related activities and consolidate the existing plans for the mine site, All Weather Private Access Road, and Baker Lake Marshalling Facility taking into account the issues raised during its review.

The Plan was revised to consolidate contingency measures and provide a comprehensive plan for the Meadowbank Mine Site, the All Weather Private Access Road, the Baker Lake Marshalling Facility and the Meadowbank Exploration Camp.

Water Quality and Flow Monitoring Plan

Submitted in accordance with Part I, Item 2:

Submit to the Board for approval, within thirty (30) days following licence approval. Revisions to the Plan shall consolidate the Monitoring Plan submitted under Licence 8BC-TEH0809, Part I Item 1.

The document was revised as a comprehensive plan for the Meadowbank Project and includes monitoring requirements from the August 2007 Water Quality and Flow Monitoring Plan with those in the Monitoring Plan submitted under Water License 8BC-TEH0809 in July 2008.

Ground Water Monitoring Plan

Submitted in accordance with Part I, Item 3:

Submit to the Board for approval, within thirty (30) days of Licence approval.

Compiled as the initial, comprehensive plan for the Meadowbank Project.

Operational ARD/ML Sampling Plan

Submitted in accordance with Part I, Item 4:

Submit to the Board for approval, within thirty (30) days of Licence approval. The Plan shall include:

- a. A detailed sampling, analysis and segregation system for rock and till that incorporates conservative criteria where there is uncertainty as to the character of material to ensure that problematic material is not incorporated into environmentally sensitive structures planned for construction;*
- b. Analyses to establish a correlation between metal concentration and leach rates; and*
- c. A plan or schedule for periodic auditing of the segregation system.*

Compiled as the initial, comprehensive plan for the Meadowbank Project incorporating license requirements and subject to NWB Approval.

Meadowbank Gold Project 2008 Annual Report
Summary Of Revisions

Water Quality Monitoring and Management Plan for Dike Construction and Dewatering

Submitted in accordance with Part D, Item 11:

Submit for approval, at least thirty (30) days prior to Construction. The Plan shall include a protocol to monitor and maintain Water levels in Third Portage Lake, Second Portage Lake and Wally Lake within natural variation.

Compiled as the initial, comprehensive plan for the Meadowbank Project, revised to reflect discussions with regulatory agencies and water license requirements. Monitoring and management plans written to serve as operating procedures for real-time actions in the field.

Sewage Treatment Plan Operations and Maintenance Manual

Submitted in accordance with Part D, Item 19:

Submit to the Board for approval, within ninety (90) days of the approval of this Licence. Prepared in accordance with the "Guidelines for the Preparation of an Operation and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories; 1996" and adapted for the use of a mechanical sewage treatment facility. This Manual shall include: Contingency measures in the event of plant malfunction, disposal of sludge, and incorporate the Operation and Maintenance Manual requirements of 8BCTEH0809, Part D Item 10.

Compiled as the initial, comprehensive manual for the Meadowbank sewage treatment plant.

Incineration Management Plan

Submitted in accordance with Part F, Item 10:

Submit to the Board for APPROVAL, within three (3) months of Licence approval. The Plan shall consider best management practices for ash disposal.

Revised to consider best management practices for ash and to include technical specifications of primary incinerator.

Landfill Design and Management Plan

Submitted in accordance with Part F, Item 11

Submit to the Board for REVIEW, within three (3) months of Licence approval, revised to include:

- a. Testing protocol and criteria for the disposal of incinerator ash in Landfill #1 and Landfill #2;*
- b. The Government of Nunavut guidelines and policy documents regarding disposal of asbestos, equipment containing ozone depleting substances and fluorescent lamp tubes;*
- c. The protocol for the placement of materials in the Construction/Operation Landfill and the Demolition Landfill; and*
- d. An update to the planned design of Landfill #1 and Landfill #2.*

Revised to amalgamate original report and supplementary documents, addition of testing protocol and incinerator criteria; incorporation of Government of Nunavut Environmental Guidelines, addition of protocols for material placement in landfills and confirmation that there are no planned design changes as of October 2008 to Landfill #1 or Landfill #2.

Landfarm Design and Management Plan

Submitted in accordance with Part F, Item 12

Submit to the Board for REVIEW, within three (3) months of Licence approval, revised to include:

- a. The remediation guidelines used for hydrocarbon contaminated soil, how the guidelines will be used and what parameters will be measured;*
- b. Details on storage and treatment options for metals, solvent, glycol, and heavy oils that may find their way into the Landfarm;*
- c. Contingency plans, should contaminated soil and/or snow/ice exceed expected volumes;*
- d. Details describing the design components/specifications of the spillway;*
- e. Contingency planning and monitoring to ensure sump volumes are not exceeded during the snow melt period; and*
- f. Measures to prevent damage to the liner during mechanical operation of the Landfarm.*

Revised to include a revision of remediation guidelines used and the parameters measured; details on storage and treatment options for metals, solvents, glycol and heavy oils; measures to prevent damage to the liner during mechanical operation; contingency plans for exceedances in the amounts of contaminated soil and/or snow/ice; details describing the design components / specifications of the spillway; and contingency planning and monitoring of sump volumes during the snowmelt period.

Closure and Reclamation Plan

Submitted in accordance with Water License 8BC-TEH0809 Part H, Item 1, a requirement carried over by Water License 2AM-MEA0815 Part B, Item 1.

The Licensee shall submit for Board approval, within ninety (90) days of issuance of this Licence, a revision of the Plan entitled "Pre-Development Closure and Reclamation Plan" dated March 5, 2008 that was submitted as additional information with the Application, to address issues identified by INAC and GN in the application review process including:

- a. Plans for temporary closing and overlaps with the existing or amended Type B water licence 2BE-MEA0813; and*
- b. Restoration plans for the lakes associated with the Contact Water Collection System.*

Closure and Reclamation Plan – Development Phase was updated to incorporate comments from GN and INAC and to reflect the current phase of the project. Amalgamated all previously submitted closure plans into one document by including them as appendices

Emergency Response Plan

Revised to include the East Dike design modifications.