

**Water Licence No. 2 AM-DOH0713**  
**Filing Requirements**

<b>Due date of requirement</b>	<b>Requirement</b>	<b>Section No. of Water Licence No. 2AM-DOH0713</b>
March 1, 2008	The Licensee shall submit to an Analyst for approval a Quality Assurance/ Quality Control Plan that includes field and laboratory procedures and requirements. This Plan shall be developed in accordance with the <i>1996 Quality Assurance (QA) and Quality Control (QC) Guidelines for Use by Class "A" (INAC)</i> .	Part K, Item 1
March 1, 2008	The Licensee shall submit to the Board for review a revised version of the July 2007 Monitoring and Follow-Up Plan.	Part K, Item 5
March 31, 2008	The Licensee shall submit to the Board for approval a proposal for the development of an Aquatic Effects Monitoring Plan (AEMP) in consultation with Environment Canada. The proposal for an AEMP shall consider modifications and advances in schedule which are consistent with the objectives and requirements of the MMER.	Part K, Item 7
March 31 (each year)	The Licensee shall file an Annual Report with the Board in the year following the calendar year being reported. The Annual Report shall be developed in accordance with Schedule B, Item 1.	Part B, Item 3
March 31 (each year)	The Licensee shall submit an annual Construction Monitoring Report in the year following the calendar year being reported. The report shall be developed in accordance with Schedule D, Item 1.	Part D, Item 8

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April 1, 2008	The Licensee shall submit to the Board for review a Revised Waste Rock Management Plan.	Part G, Item 15
May 1, 2008	<p>The Licensee shall submit to the Board for review a revised Water Management Plan. The revised Plan shall include the following:</p> <ul style="list-style-type: none"> <li>a. A requirement to continuously monitor Doris Lake levels and outflow during the 2 years of mining and beyond to confirm water balance model predictions;</li> <li>b. Requirements for ongoing monitoring and calibration of the water quality model;</li> <li>c. A strategy to monitor and remove where necessary snow accumulation in the Pollution Control Pond, roads, ditches, and drainage channels; and</li> <li>d. The Plan shall consider the monitoring requirements set out in Parts J and K.</li> </ul>	Part F, Item 1
May 1, 2008	The Licensee shall submit to the Board for review an Incineration Management Plan in conjunction with Part G, Item 9.	Part G, Item 7
May 1, 2008	<p>The Licensee shall submit to the Board for review by May 1, 2008, a revised Landfill Management Plan. The Plan shall consider the following:</p> <ul style="list-style-type: none"> <li>a. Recycling/segregation waste program;</li> <li>b. Incineration technology selected;</li> <li>c. Waste audit – amount and types of wastes to be incinerated or otherwise disposed;</li> </ul>	Part G, Item 9

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	<ul style="list-style-type: none"> <li>d. Consolidation of wastes;</li> <li>e. Operational and maintenance records;</li> <li>f. Operator training;</li> <li>g. Emission measurements;</li> <li>h. Incinerator ash disposal;</li> <li>i. Consideration for disposal of used oil and waste fuel; and</li> <li>j. Monitoring, characterization, and disposal of incinerator ash.</li> </ul>	
June 1, 2008	The Licensee shall submit to the Board for review a revised Hazardous Waste Management Plan. The handling and disposal of wood crates used in the shipment of sodium cyanide shall be included in the Plan.	Part G, Item 11
June 1, 2008	<p>The Licensee shall submit to the Board for review a revised Landfarm Management Plan. The Plan shall include the following:</p> <ul style="list-style-type: none"> <li>a. Operation and maintenance considerations including the methods of characterization, segregation and treatment;</li> <li>b. Confirmation of the Soil Quality Remediation Objectives (SQROs) and distinction between where parkland versus industrial standards will be applied;</li> <li>c. Contingency measure for contaminated soils that do not meet the SQROs; and</li> <li>d. Any proposed future uses.</li> </ul>	Part G, Item 14
September 1, 2008	The Licensee shall submit to the Board for review a revised Tailings Management Plan. The Plan shall include Shoreline Erosion	Part G, Item 23

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	Protection Adaptive Management strategies for monitoring and control.	
	The Licensee shall notify the NWB of any changes in operating plans or conditions associated with this project at least sixty (60) days prior to any such change.	Part B, Item 11
	The Licensee shall within thirty (30) days following approval by the Minister, furnish and maintain security with the Minister in the amount of \$11.714 million dollars in the form, of the nature, subject to such terms and conditions, in accordance with, the Regulations, or that is satisfactory to the Minister.	Part C, Item 1
	The Licensee shall submit to the Board for approval, within six (6) months of the start of ore processing and again following eighteen (18) months of ore processing, an updated estimate of the total mine closure restoration liability using the current version of RECLAIM, its equivalent or other similar method approved by the Board, in accordance with the principles of INAC's "Mine Site Reclamation Policy for Nunavut" (2000).	Part C, Item 2
	The Licensee shall submit to the Board for review thirty (30) days following issuance of the licence, updated for construction drawings of the proposed all weather access road.	Part D, Item 14
	The Licensee shall submit to the Board for review, within ninety (90) days of completion of all structures designed to contain, withhold, divert or retain waters or wastes during the construction phase, a Construction Summary Report prepared by a qualified Engineer(s) that shall include as-built drawings, documentation of field decisions that deviate from original plans and any data used to support these	Part D, Item 26

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	decisions.	
	The Licensee shall provide a report that presents the data collected from the Quarry Rock Seepage Monitoring Program conducted under Part D, Item 21. The report shall include a discussion of the interpretation of geochemical data and shall be presented to the Board for review, no later than 6 months after the collection of samples	Part D, Item 22
	<p>The Licensee shall include, in addition to conducting Quarry Rock Construction Monitoring and Management in accordance with the Water License Application, Monitoring and Follow up Plan, dated July 2007, the following:</p> <ul style="list-style-type: none"> <li>a. A subset of 20 samples shall be subjected to Shake Flask Extraction tests with an emphasis on near surface rock samples; and</li> <li>b. Submit to the Board for review no later than 6 months after the collection of samples, a report that presents the data collected from the Quarry Rock Construction Monitoring Program. The report shall include a discussion of the interpretation of the geotechnical data.</li> </ul>	Part D, Item 9
	The Licensee shall submit a Sewage Treatment Management Plan, to the Board for review sixty (60) days prior to commissioning the Sewage Treatment Plant that takes into consideration operation, maintenance and sludge management.	Part G, Item 4
	The Licensee shall provide as-built plans and drawings of the Modifications referred to in this Licence within ninety (90) days of completion of the Modification. These plans and drawings shall be stamped by an Engineer.	Part H, Item 3

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	The Licensee shall submit to the Board for review, within sixty (60) days of the issuance of the Licence, a revised Emergency Response and Contingency Plan in accordance with the <i>Spill Contingency Planning and Reporting Regulations</i> developed under the <i>Environmental Protection Act (Nunavut)</i> . The revised Plan shall include a consideration of the revised scope of the Project and a revisions list detailing where significant content changes are made.	Part I, Item 1
	<p>The Licensee shall ensure that a geotechnical inspection is carried out annually between July and September by a Geotechnical Engineer. The inspection shall be conducted in accordance with the <i>Canadian Dam Safety Guidelines</i> where applicable and take into account all major earthworks, including the following:</p> <ul style="list-style-type: none"> <li>a. North and South Dams;</li> <li>b. Geotechnical instrumentation and associated monitoring data;</li> <li>c. Tailings Impoundment Area shoreline and erosion strip survey monitoring results;</li> <li>d. Emergency Dump Catch Basins;</li> <li>e. All weather access roads;</li> <li>f. Roberts Bay jetty;</li> <li>g. Landfill;</li> <li>h. Landfarm;</li> <li>i. Fuel storage and containment facilities at the plant site and Roberts Bay site;</li> <li>j. Sedimentation pond;</li> </ul>	Part J, Item 18

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	<ul style="list-style-type: none"> <li>k. Pollution control pond;</li> <li>l. Sumps;</li> <li>m. Underground mine openings;</li> <li>n. Groundwater conditions underground; and</li> <li>o. Rock temperature measurements and groundwater inflow in the underground mine workings.</li> </ul>	
	<p>The Licensee shall submit to the Board within sixty (60) days of completion of the geotechnical inspection, the Geotechnical Engineer's inspection report. The report shall include a cover letter from the Licensee outlining an implementation plan addressing each of the Geotechnical Engineer's recommendations.</p>	Part J, Item 19
	<p>The Licensee shall, within thirty (30) days following the month being reported, submit to the Board a monthly monitoring report in an electronic and hardcopy. The Report shall include the following:</p> <ul style="list-style-type: none"> <li>a. All data and information required by Part J and generated by the Monitoring Program in the tables of Schedule J;</li> <li>b. Copies of results required by NIRB Project Certificate Item 10;</li> <li>c. An assessment of data to identify areas of non-compliance with regulated discharge parameters referred to in Part G;</li> <li>d. A summary of monthly operational assessments of the water balance and water quality model;</li> <li>e. Results of daily visual assessment of suspended sediment along the perimeter of the Tailings Impoundment Area</li> </ul>	Part J, Item 21

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	shoreline during construction, operations and closure.	
	The Licensee shall notify the Board in writing, at least sixty (60) days prior any intent to achieve Recognized Closed Mine Status.	Part L, Item 1
	The Licensee shall submit to the Board for approval within six (6) months of the start of ore processing, an Interim Closure and Reclamation Plan prepared in accordance with the <i>Mine Site Reclamation Guidelines for the Northwest Territories, 2007</i> and consistent with the INAC <i>Mine Site Reclamation Policy for Nunavut, 2002</i> .	Part L, Item 4
	The Licensee shall submit to the Board for approval within eighteen (18) months of the start of ore processing, a Final Mine Closure and Reclamation Plan prepared in accordance with the <i>Mine Site Reclamation Guidelines for the Northwest Territories, 2007</i> and consistent with the INAC <i>Mine Site Reclamation Policy for Nunavut, 2002</i> .	Part L, Item 6