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NUNAVUT IMALIRIYIN KATIMAYINGI  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

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BY EMAIL

File No: 2AM-DOH----

Date: June 21, 2007

To: Doris North Distribution List

Subject: **Pre-Hearing Conference for Miramar Hope Bay Ltd. Doris North Project application for a Type A Water License**

The Board has made a decision on the above noted file and asked that I communicate with the parties the following information.

On May 9, 2007, the Nunavut Water Board directed that in accordance with the Rule 14 of the NWB Rules of Practice and Procedure, the staff of the NWB hold a Pre-Hearing Conference (PHC) for the Miramar Hope Bay Limited (MHBL) application for a Type A water license for the Doris North Project (the Application). The PHC was held on June 11 and 12, 2007, in Cambridge Bay, Nunavut.

The PHC dealt with the following matters relevant to the Application:

- (a) To set a timetable for the pre-hearing exchange of information;
- (b) To finalize the list of issues to be dealt with at the hearing;
- (c) To identify interested parties;
- (d) To consider the desirability of amending an application for the purposes of clarification;
- (e) To finalize procedures to be followed in a hearing; and
- (f) To consider any other matters that may aid in the simplification and disposition of the application at the Hearing.

The PHC Agenda is provided as Appendix A.

The following Parties were present at the PHC: Miramar Hope Bay Ltd. (MHBL), Environment Canada (EC), Indian and Northern Affairs Canada (INAC), the Department of Fisheries and Oceans Canada (DFO), the Government of Nunavut Department of the Environment (GN-DOE), Nunavut Tunngavik Incorporated (NTI), and the Kitikmeot Inuit Association (KIA).

## Pre-hearing Review of the Application:

### a) MHBL Presentation on Current Status of the Project

As a preliminary jurisdictional matter, the NWB reminded the Parties that the Board jurisdiction over the marine waters (and therefore the jetty) is outlined in section 41 of the *Nunavut Waters and Nunavut Surface Tribunal Rights Act*.<sup>1</sup>

MHBL advised the Parties of the current status of the Project, including the following proposed modifications/changes to the Project:

1. Electrical Generating Capacity: Proposed increase in the amount of electrical generating capacity to be installed from 4.0 MW to 11.0 MW.
2. Annual Consumption of Diesel Fuel: Proposed increase from 7.5 million litres per year to between 10 and 12 million litres per year, directly related to the increase in fuel consumed to generate electrical power for the project:
  - a. increasing air emissions (SO<sub>2</sub>, NO<sub>x</sub> and green house gases by 30 to 60% from that previously predicted; and
  - b. a new fuel tank farm to be constructed within the footprint of Quarry 1 at Roberts Bay.
3. Roberts Bay Jetty – Barge Anchoring Blocks: Proposed on-shore concrete anchoring blocks for sea lift barges be replaced with an on-shore concrete piling placed at the same location but set into holes drilled into the ground.
4. Doris Lake Fresh Water Intake: Proposed 4” HDPE DR 17 fresh water pipe intake to be sited on the bottom of Doris Lake feeding an on-shore wet well be replaced with a floating barge system with an approximate in-lake footprint of 10 feet square.
5. Jetty Access Road to Construct Shorefast Rock Spurs: New 100 m road to access foreshore immediately east of the Roberts Bay Jetty to construct six rock fill spurs as part of planned fish habitat compensation measures.
6. Roberts Bay Access Road Construction Turnouts: Construction of approximately 35 turnouts each one approximately 72 sq m at approximately one km intervals on single lane road between Roberts Bay and the plant site to allow for safe turning of construction dump trucks.
7. Replacement of Culverts by Coarse Rock Drains on Site Roads: Proposed culverts planned where site roads cross low flow (less than 0.25 m<sup>3</sup>/s) ephemeral drainages that have no fish access potential be replaced by rock drains.
8. Underground Mine Ventilation Raise Service Access Road: New construction of a 800 m long by 6 m wide service road to allow maintenance access to mine ventilation fans at Vent Raise #1 and #2.

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<sup>1</sup> Section 41 of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, 2002, c.10, states:

The Board may, either jointly with the Nunavut Planning Commission, the Nunavut Impact Review Board and the Nunavut Wildlife Management Board, as established by the Agreement, acting as the Nunavut Marine Council referred to in section 15.4.1 of the Agreement, or on its own, advise and make recommendations respecting any marine area to any department or agency of the Government of Canada or the Government of Nunavut, and those governments shall consider that advice and those recommendations when making any decision that may affect that marine area.

9. Cyanide Destruction Process: Proposed Caro's Acid cyanide destruction process replaced by SO<sub>2</sub>-Air process.
10. Sewage Treatment – Proposed rotary biological contractor type of packaged sewage treatment plant as described in the April 2007 Water license application replaced by a SaniBrane Membrane bio reactor similar to the units installed at the Snap Lake and Diavik Diamond Mine Projects.

The Parties provided MHL with their information requirements for these changes and MHL committed to providing the required information as set out in Appendix B: Proposed Changes. The NWB also identified the need for the Nunavut Impact Review Board (NIRB) to make a determination as to whether or not these proposed modifications/changes to the Project require screening pursuant to section 12.4.3 of the Nunavut Land Claims Agreement (NLCA).<sup>2</sup>

b) Identification of interested parties, service of documents, and translation:

Interested Parties which attended the technical/pre-hearing meeting and provided written submissions to the Board on June 8, 2007 included GN-DOE, INAC, EC, and DFO. These submissions are available for consideration on the NWB ftp site :

<ftp://nunavutwaterboard.org/2AM%20-%20MINING/2AM-DOH/Pre-Hearing%20Tech%20Meeting/>

Parties that identified themselves as having a role in the Final Hearing include:

1. Indian and Northern Affairs Canada;
2. Kitikmeot Inuit Association;
3. Environmental Canada;
4. Fisheries and Oceans Canada; and
5. Government of Nunavut (DOE, EDT, and potentially CGS).

A number of other parties and persons were identified during the pre-hearing conference whose expertise may be required for the Final Hearing. Those parties or person include:

- Environment Canada MMER specialist;
- Environment Canada field inspector;
- Transport Canada;
- Health Canada;
- Indian and Northern Affairs Canada field inspector; and
- Natural Resources Canada permafrost expert.

In addition, the communities of Umingmaktok and Bathurst Inlet were identified as having a potential interest in participating at the final hearing. Although the NWB has yet to receive an indication of their interest, the KIA will advise the Board of the level of interest of both remote communities. Should the NWB receive a participation request from the communities, the NWB will endeavor to accommodate interested community members. To ensure enough time is available

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<sup>2</sup> The NWB subsequently referred the matter of a section 12.4.3 determination to NIRB on June 14, 2007.

to make the necessary travel arrangements, the Board sets July 15, 2007 as the deadline for receipt of participation requests.

c) Formulation of Issues

The Parties discussed the detailed technical issues set out in Appendix C: Formulation of Technical Issues. The commitments agreed to by the Parties on these matters are set out in Appendix D: List of Commitments.

On the matter of compensation, KIA advised that a water compensation agreement has been reached between KIA and MHL. KIA will formally advise the Board of this prior to or during the Public Hearing.

Other issues addressed at the PHC include the request for an eight year term of the license, the amount and form of security, and the status of the listing of Tail Lake on Schedule 2 of the Metal Mining Effluent Regulations (MMER). Parties advised the Board as follows:

- Due to the short operating life of the Project, the Parties generally supported a license that extended from the construction phase to closure, provided the license included enforceable checkpoints at various stages of Project life cycle;
- MHL, KIA and INAC advised that they are currently in discussions with regard to determining the appropriate form and amount of security. These issues will be carried forward to the Public Hearing; and
- MHL and EC advised that the process to add Tail Lake to Schedule 2 of the MMER is underway and may be included in Governor in Council amendments in September or October, 2007.

All Parties confirmed that provided the commitments in Appendix B and D are met, there are no technical issues or related information requirements that would prevent the Board from proceeding with the Public Hearing.

Issues presented to the Board at the Final Hearing are to be generally classified under the following categories:

1. Nunavut Impact Review Board Schedule 12.4.3 Determination
2. Term of license;
3. Type and amount of security;
4. Compensation Agreements;
5. Construction;
6. Water use;
7. Water management/Water Quality;
8. Waste management;
9. Geochemistry
10. Tailings Containment area;
11. Contingency planning;
12. Monitoring;
13. Closure and reclamation;

14. Recommendations for the Roberts Bay Jetty to departments or agencies of the Government of Canada or the Government of Nunavut; and
15. Other issues

d) Intervention submission deadline and Public Registry

The NWB Rules of Practice and Procedures for Public Hearings require that parties are to submit their written interventions no later than 15 days before the commencement of the Hearing. However, in consideration of several time constraints and following consultation with Parties at the pre-hearing, the NWB decided to vary its rules by requesting that Parties submit no later than 13 days prior to the Final Hearing on **July 30, 2007 @ 3:00 p.m. Mountain Time**. Executive summary translations in both Inuktitut and Innuinaqtun are also required at that time.

In order to facilitate the NWB's review of interventions the Board requests that submissions be generally formatted in accordance with the categories mentioned in the previous section.

All submissions will be posted on the NWB's ftp-site ([www.nunavutwaterboard.org](http://www.nunavutwaterboard.org)) and public registry upon receipt. A copy of the public registry as it relates to the application from MHBL will be available at the Final Hearing.

e) Translation and the Record

In order to facilitate public participation and to accommodate the language requirements of Board members the Final Hearing will be translated simultaneously in both Inuktitut and Innuinaqtun. The NWB will provide for a stenographer to record the Final Hearing. Should Parties require additional language services please advise the NWB no later than July 30, 2007.

**Hearing:**

The Board has set the following issues for the Public Hearing:

a) Final Hearing Date, Time and Location

In accordance with the provisions of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* ("Act"), the NWB shall hold a public hearing in the community or communities most affected. The Board is aware of the logistical issues associated with the conduct of a hearing in Umingmaktok, and therefore confirms that the hearing will be held in Cambridge Bay starting **August 13, 2007 to August 15, 2007**. The Final Hearing date is contingent on (i) MHBL fulfilling the commitments made during the technical meeting as outlined in Appendix B & D and (ii) confirmation from the NIRB on the applicability of Sec.12.4.3 of the NLCA as detailed above.

An agenda confirming the particulars of the hearing will be circulated to all parties before the hearing.

b) Site Visit, if any

The NWB will not require MHL to undertake a site visit prior the Final Hearing as part of the water licensing process. However, Parties who believe a site visit will aid them in preparing for the Final Hearing are encouraged to make their own arrangements with MHL. In any event, the NWB recommends that MHL present a visual overview of the site using photos and video material as part of its presentation at the Final Hearing.

c) Order of Events

The Board hereby confirms that the Final Hearing will proceed by Party Intervener as opposed to by issue. The Board will follow the order of events as outlined in section 20.1 of the Rules of Practice and Procedure for Public Hearings.

d) Equipment

Parties who need special audio-visual equipment at the Hearing are requested to inform the NWB of their specific needs within their intervention/written statements to the Board so that arrangements can be made in advance.

Please do not hesitate to contact David Hohnstein ([dts@nunavutwaterboard.org](mailto:dts@nunavutwaterboard.org)) for technical issues, and Phyllis Beaulieu ([licensing@nunavutwaterboard.org](mailto:licensing@nunavutwaterboard.org)) for any other matter related to the hearing.

Regards,

Dionne Filiatrault, P. Eng.,  
A/Executive Director

**APPENDIX A – AGENDA**

PRE-HEARING TECHNICAL MEETING  
DORIS NORTH PROJECT  
COMMUNITY HALL - CAMBRIDGE BAY, NU  
JUNE 11 & 12, 2007 08:30 AM

1. Introduction and Registration
2. Application to the Board
3. Purpose of the Pre-Hearing/Technical Meeting
4. Pre-Hearing Review of the Application
  - a) MHLB presentation on current status of Project
  - b) Comments from Interested Parties
  - c) Formulation of Issues
  - d) Identification of Interested Parties
  - e) Identification and Service of Documents to Parties (deadline, public registry, form)
  - f) Translation and the Record (language, transcripts)
5. Hearing
  - a) Date, Time and Location
  - b) Site Visit, if any
  - c) Order of Events
  - d) Equipment
6. Other Issues
7. Closing of the Meeting

## APPENDIX B – PROPOSED CHANGES

Proposed Changes of June 8, 2007	Description	Project Certificate/NIRB (12.4.3) issue?	Final Design Required (Y/N/n/a/when?)	Information Requirements or other Substantive Issues (list)	Procedural Concerns and effect on Final Hearing Date (Why?)	MHBL Reply (Y/N) Timeline	Issue resolved? (Y/N)	Additional Comments
1	Planned increase in electrical capacity	No	No	No	No (subject to direction from NIRB)	NA	Yes	
2	Increase annual consumption for fuel.							
2.a	Air Emission dispersion model	NA to NWB but may apply to another regulator	No	No	No (subject to direction from NIRB)	NA	Yes	
2.b	Fuel Storage Capacity and Handling Procedures.	NWB to consult with NIRB	Yes, drawings within 4 weeks	secondary containment, berms, size of footprint, drainage and monitoring requirements, standard spill contingency plans	No, as long as additional information submitted in no later than 4 weeks (subject to direction from NIRB)	Yes, able to meet timeline	Yes	
3	Roberts Bay Jetty – Barge Anchoring Blocks	Not applicable to NWB but may apply to another regulator	No final design required. Best management practices to be implemented.	No	No (subject to direction from NIRB)	NA	Yes	



Proposed Changes of June 8, 2007	Description	Project Certificate/NIRB (12.4.3) issue?	Final Design Required (Y/N/n/a/when?)	Information Requirements or other Substantive Issues (list)	Procedural Concerns and effect on Final Hearing Date (Why?)	MHBL Reply (Y/N) Timeline	Issue resolved? (Y/N)	Additional Comments
4	Doris Lake Fresh Water Intake	NWB to consult with NIRB	Yes - 4 weeks	Floating structure details, shore-tie in detail, lakebed footprint if applicable	No (subject to direction from NIRB)	Submit design drawings - 4 weeks	Yes	
5	Jetty – Access Road to Construct Shorefast Rock Spurs	Not applicable to NWB (MHBL has confirmed that there are no stream crossings or water use) but may apply to another regulator (ie. KIA, INAC).	Design Revisions	Investigate feasibility of winter construction, thereby eliminating new road; provide additional information on siting, size of material, orientation and consideration of shoreline processes	No (subject to direction from NIRB)	Feasibility of winter construction (June 25 2007): Additional design information (need to consult with on site personnel)	Yes	
6	Robert's Bay							
6a	Roberts Bay Jetty - Actual Infill Area	No	No	Calculation of aerial extent of jetty infill at ordinary high water mark taking into consideration settling	No (subject to direction from NIRB)	25-Jun-07	Yes	

Proposed Changes of June 8, 2007	Description	Project Certificate/NIRB (12.4.3) issue?	Final Design Required (Y/N/n/a/when?)	Information Requirements or other Substantive Issues (list)	Procedural Concerns and effect on Final Hearing Date (Why?)	MHBL Reply (Y/N) Timeline	Issue resolved? (Y/N)	Additional Comments
6b	Roberts Bay Access Road – Construction Turnouts	Not applicable to NWB but may apply to another regulator (ie. KIA)	No	Conceptual design applying the criteria that located is not near water	No (subject to direction from NIRB)	25-Jun-07	Yes	
7	Site Roads – Replacement of Culverts by Coarse Rock Drains	NWB to consult with NIRB	Approved drawings (SRK) showing conceptual design of rock drain and report of impact of placement of rock drains on foundation of road	see previous column	No (subject to direction from NIRB)	25-Jun-07	Yes subject to INAC confirmation	MHBL has indicated that if it becomes a substantial issue, MHBL will withdraw project change
8	Underground Mine Ventilation Raise Service Access Road	No	Yes, final drawing of road, road design specifications should be provided prior to hearing,	Confirmation that any stream crossings are not fish bearing. Also see previous column	No (subject to direction from NIRB)	30-Jun-07	Yes subject to INAC and DFO confirmation	MHBL has indicated that if it becomes a substantial issue, MHBL may withdraw project change
9	Cyanide destruction methodology (Caro's Acid-SO <sub>2</sub> Air)	NWB to consult with NIRB	NA	Water quality testing results from Cantest	No (subject to direction from NIRB)	ASAP, no later than at the Final Hearing	Yes	

<b>Proposed Changes of June 8, 2007</b>	<b>Description</b>	<b>Project Certificate/NIRB (12.4.3) issue?</b>	<b>Final Design Required (Y/N/n/a/when?)</b>	<b>Information Requirements or other Substantive Issues (list)</b>	<b>Procedural Concerns and effect on Final Hearing Date (Why?)</b>	<b>MHBL Reply (Y/N) Timeline</b>	<b>Issue resolved? (Y/N)</b>	<b>Additional Comments</b>
10	Sewage Treatment replace RBC with SaniBrane System	NWB to consult with NIRB	Yes, prior to the hearing	Package Plant design specification to be provided	No (subject to direction from NIRB)	30-Jun-07	Yes	

## **APPENDIX C - Formulation of Technical Issues**

1. Surface Infrastructure
  - a. S2-Design of Surface Infrastructure Components
  - b. S3-Technical Specification for Tailing Containment Area and Surface Infrastructure
  - c. S4-Engineering Drawings for TCA and Surface Infrastructure
  - d. S10g-Landfill Management Plan
  - e. S10h-Landfarm Management Plan
  - f. Land Leases
2. Geochemistry
  - a. S7-Geochemical Characterization of Portal Development Rock
  - b. S8-Geochemical Characterization of Quarry Materials
  - c. S10d-Waste Rock Storage Plan
3. Water
  - a. S5-Revised Doris North Hydroclimatic Parameters re-evaluation 2007
  - b. S6-Water Quality Model
  - c. S10j-Water Management Plan
4. Tailing Containment Area
  - a. S1-Design of TCA
  - b. S3-Technical Specification for Tailing Containment Area and Surface Infrastructure
  - c. S4-Engineering Drawings for TCA and Surface Infrastructure
  - d. S10i-Tailing Management Plan
  - e. S11-Effluent and Aquatic Monitoring Study Design
5. Closure
  - a. S10l-Mine Closure and Reclamation Plan
6. Monitoring
  - a. S10m-Monitoring and Follow-up Plan
  - b. S10k-QA/QC Control Plan
7. Other Management Plans
  - a. S9-Environmental health and Safety
  - b. S10-Environmental Protection Plan
  - c. S10a- Emergency Response and Contingency Plan
  - d. S10b-Air Quality Management Plan
  - e. S10c-Noise Abatement Plan
  - f. S10e-Hazardous Management Plan
  - g. S10f-Explosives Management Plan
  - h. No Net Loss Plan
8. Compensation

**APPENDIX D – LIST OF COMMITMENTS**

No	Pre-Hearing Commitment	Party	Timeline	Additional Comment
1	Provide table from FEIS supporting document (groundwater study). Provide drawing of mine workings showing relationship to Doris Lake Talik	MHBL	June 25 2007	
2	Submit supporting document discussing design basis for access roads incorporating modifications, road fill thickness, permafrost effects, management of water adjacent to roads, sub-grade conditions to assess impact with respect to permafrost degradation and groundwater. Include update on material volumes (quarry)	MHBL	June 25 2007	
3	Provide detailed timeline (i.e. Gantt chart) for construction of surface infrastructure and activities through to operation and closure.	MHBL	June 25 2007	
4	Provide schedule for submission of revised management plans.	MHBL	June 25 2007	
5	Provide final drawings for tailings pipeline across Doris Creek.	MHBL	June 25 2007	
6	Clarify Figure 6.1 of S10j (Water Management Plan) showing drainage paths of water on project site and delineating flow paths.	MHBL	June 25 2007	
7	Provide copy of documents setting out environmental components of management plan to contractors.	MHBL	June 25 2007	
8	Develop protocol for landfilling demolition debris at closure .	MHBL	June 25 2007	
9	Provide estimated volumes of waste (demolition debris etc.) to be landfilled at closure.	MHBL	June 25 2007	
10	Provide estimate of final landfill cap thickness and volume of material required.	MHBL	June 25 2007	
11	Incorporate a plan to use oil/water separator and booms prior to passing water through filtration system into the landfarm management plan.	MHBL	June 25 2007	
12	Amend appropriate management plan to reflect that kitchen incinerator ash is to be disposed underground as backfill.	MHBL	June 25 2007	

No	Pre-Hearing Commitment	Party	Timeline	Additional Comment
13	Confirm commitment to remove permanent bollards at or below the lake bed during reclamation of Doris Lake float plane dock.	MHBL	June 25 2007	
14	Provide baseline information on the pH of standing water on the tundra if available	MHBL	June 25 2007, if available or timeline if unavailable	
15	Confirm via written statement that Tailings bleed solution will be monitored internally	MHBL	June 25 2007	
16	Propose discharge standards for release of sewage to the receiving environment during construction. Include estimated volumes of discharge, drawing of location of discharge in receiving environment, and monitoring requirements.	MHBL	June 25 2007	
17	Provide water balance for intake of potable water and mill demand to analyze lake levels. Check current design against the Doris Lake water level effects assessment that was provided as a supporting document in the FEIS	MHBL	June 25 2007	Check current design against the Doris Lake water level effects assessment that was provided as a supporting document in the FEIS
18	Revise Table 6.4 of Main Document for range of pH that must be met. (Useful for the Board).	MHBL	June 25 2007	
19	Provide errata correcting conversion factor for ammonia	MHBL	June 25 2007	
20	NNLP - Jetty and marine environment components -	MHBL	NNLP Table 18 and monitoring for Jetty (asap)	Updated Net Loss Summary Table (Table 18) and monitoring plan needed for Fisheries Authorization. Needed prior to authorization for Jetty. Part of new update - Sep 2007
21	NNLP- Roberts Lake Outflow Fish Passage	MHBL	June 25 - provide update on how to meet commitment. Further information no later than the final hearing	Provide additional details on methods of construction and dispersion of rock in stream channel (needed for Fisheries Authorization). If blasting is required at Robert's Lake, blasting will be carried out in accordance with DFO Blasting Guidelines and if the guideline cannot be met a fisheries act section 32 authorization will be obtained.

No	Pre-Hearing Commitment	Party	Timeline	Additional Comment
22	NNLP - Roberts Lake Tributary Enhancement	MHBL	June 25 - provide update on how to meet commitment. Further information, prior to Fisheries Authorization (Sep/Oct estimated)	Provide additional details on methods of construction, location and greater detail design drawings (needed for Fisheries Authorization). After site field investigation and detailed surveying - Part of new update - Sep 2007
23	MHBL will add notes to Specifications and Drawings to indicate that the spillway is a contingency plan.	MHBL	25-Jun	
24	MHBL will prepare supplemental information on the design of the dam and freeboard components in the form of a table summarizing dam design criteria and rationale.	MHBL	June 25 2007	
25	MHBL will provide commitment to collect additional data during dam construction to provide a basis for interpretation of instrumentation data.	MHBL	June 25 2007	
26	MHBL will provide commitment to daily visual inspection of Tail Lake shoreline and placement of silt curtains when erosion plumes are observed. MHBL will provide commitment to investigate the reason for the plume and to apply the adaptive management.	MHBL	June 25 2007	
27	MHBL will provide commitment to provide more detail on the design and implementation of the shoreline adaptive management plan.	MHBL	June 25 2007	For higher Tail Lake water levels
28	If the operating elevation of Tail Lake (currently estimated at 29.2m) the shoreline adaptive management plan would apply.	MHBL	June 25 2007	
29	MHBL will provide more detail drawing (including exact location) on the placement of the effluent discharge pipe in Doris Creek.	MHBL	June 25 (description) drawing before deadline for final hearing interventions	
30	DIAND committed to providing guidance on the contents of the Final Closure and Reclamation Plan.	DIAND	deadline for interventions	
31	GN will provide information regarding availability of northern species for re-vegetation.	GN	deadline for interventions	
32	Monitoring Table 5.1 in SD10m will be changed to include Chloride.	MHBL	June 25 2007	

No	Pre-Hearing Commitment	Party	Timeline	Additional Comment
33	Table 5.1 in SD10m will be changed to add toxicity monitoring at SNP station 1 and 4 in accordance with MMER for frequency.	MHBL	June 25 2007	
34	MHBL will provide more detailed information regarding the physical parameters of each water quality and water quantity station including potential future stations.	MHBL	Active stations (mid July) Commitment to Board at hearing for additional stations	
35	MHBL will provide more detailed information on construction monitoring and add a component to monitor the locations downstream of discharge to the tundra (ie. visual inspection for erosion channels)	MHBL	June 25 2007	
36	MHBL will add Nitrate and Nitrite to the list of parameters to be monitored at sedimentation pond. Revise appropriate table(s).	MHBL	June 25 2007	
37	MHBL will use internal plant monitoring of the cyanide destruction process to verify the overall water quality model. If model is out by 20% or more the model will be reassessed and the input assumptions reported to the NWB.	MHBL	June 25 2007	
38	MHBL will provide trigger for implementing adaptive management plan for vegetation (GN comment 2.3.7). Consensus not required prior to water license.	MHBL	June 25 2007	
39	MHBL will amend the dam seepage monitoring requirements to include advising the geotechnical engineer of record.	MHBL	June 25 2007	
40	MHBL will select the SNP sampling site at the base of the waterfall and provide photographs of the location prior to the Final Hearing.	MHBL	intervention deadline	INAC requests cross section
41	MHBL will correct the 30-50m reference to the location of the SNP site downstream of the waterfall in the Monitoring Plan (SD10m) pg 33 section 5.2.4.	MHBL	intervention deadline	See commitment 40
42	MHBL will provide a contingency plan should the on-site lab not be able to respond.	MHBL	June 25 2007	
43	MHBL will update Table 3.10 in the main document to identify which parameters will be analyzed on site and which will be analyzed off site.	MHBL	June 25 2007	



No	Pre-Hearing Commitment	Party	Timeline	Additional Comment
44	GN will highlight inconsistencies in management plans and MHBL will respond in revised plans prior to commencing operations.	GN	prior to commencing operations	
45	MHBL will amend the emergency spill response plan to require the General Manager to report the method used to calculate the estimated spill volume.	MHBL	July 30 2007	
46	MHBL will apply for a Hazardous Waste Generator Number prior to the NWB issuing a license.	MHBL	June 25 2007	
47	MHBL will update the contact list in the emergency spill response plan to include the INAC inspector, GN manager of environmental protection and EC 24 hour pager.	MHBL	July 30 2007	
48	MHBL will make reference to new regulations regarding standards for fuel storage facilities in spill response plans.	MHBL	July 30 2007	EC to provide reference on regulations
49	The Monitoring Plan and QA/QC Plan will be updated to edit out inconsistencies prior to construction.	MHBL	July 30 2007	
50	MHBL will update all management plans	MHBL	during construction, prior to operations	
51	MHBL will confirm obligations as required under the NIRB Project Certificate as they relate to NWB issues/mandate.	MHBL	intervention deadline	