



September 29, 2006

Mr. A. David Long
Vice President, Legal
Miramar Hope Bay Ltd.
300-889 Harbourside Drive
North Vancouver, B.C.,
V7P 3S1

Doris Distribution List

Via Email: dlong@miramarmining.com

Dear Mr. Long,

Re: Doris North Gold Mine Project Certificate

It has recently come to NIRB's attention that information Transport Canada intended to submit for inclusion in Appendix B and Appendix C of the Doris North Gold Mine Project Certificate was not received by NIRB. This occurred due to technical problems with the transfer of information from Transport Canada to NIRB.

Appendix B provides a list of applicable legislation and authorizations required for the Doris North Gold Mine Project. Appendix B specifically states that it may not be an exhaustive list of applicable authorizations; however, the Board believes that more complete information with regard to authorizations required for the Project will assist Miramar through the upcoming regulatory phase of the Project. Accordingly, attached is a draft updated Appendix B: List of Applicable Legislation and Authorizations Required for the Doris North Gold Mine Project. For ease of review the proposed changes have been highlighted in red font.

Similarly, for completeness Appendix C: Table of Commitments and Regulatory Roles should include Transport Canada's authority pursuant to the *Navigable Waters Protection Program* and their ability to provide expert advice to Miramar on two Terms and Conditions of the Project Certificate: Miramar's commitment to reassess the length of the jetty, and monitoring pursuant to Chapter 6 of the Technical Report. Accordingly, also attached is a draft updated Appendix C: Table of Commitments and Regulatory Roles. Again, for ease of review the proposed changes have been highlighted in red font.

The Board is of the view that the updated Appendices do not in any way modify the Terms and Conditions of the Project Certificate; rather the updates are intended only to better assist Miramar through the upcoming regulatory processes. However, should Miramar or any party on the Distribution List have concerns with the NIRB issuing updated Appendices as per the attached drafts please contact Stephanie Briscoe,



Executive Director at 867- 983-4603 or sbriscoe@nirb.nunavut.ca by no later than **4:00 p.m., Friday, October 6, 2006**. If no concerns are received by that date it is the Board's intention to issue final versions of the updated Appendices shortly thereafter.

Sincerely,

Elizabeth Copland
Acting Chairperson for the Nunavut Impact Review Board

Encl.

- Updated Draft Doris North Project Certificate Appendix B – List of Applicable Legislation and Authorizations
- Updated Draft Doris North Project Certificate Appendix C – Table of Commitments

List of applicable Legislation and Authorizations required for the Doris North Gold Mine Project

This may or may not include all of the applicable authorization required for this project

Statute	Responsible Agency for Statute	Regulation	Authorization Instrument (Permit/License/Approval)	Responsible Enforcement Agency	Activity being Enforced
Federal (Canada)					
Arctic Waters Pollution Prevention Act	Enforced by Transport Canada	Arctic Waters Pollution Prevention Act Regulations	N/A	Transport Canada	The deposit of waste of any type in the arctic waters or in any place on the mainland or islands of the Canadian arctic under any conditions where the waste or any other waste that results from the deposit of the waste may enter the arctic waters.
Arctic Waters Pollution Prevention Act	TC Marine Safety	Arctic Waters Pollution Prevention Regulations	• Compliance • Arctic Waters Pollution Prevention Certificate (non-mandatory) • Inspection • Plan approvals	TC - Marine Safety	Some aspects of a ship's construction, its equipment, its crew and its operation are regulated and subject to inspection and/or audit.
Aeronautics Act	Transport Canada	Canadian Aviation Regulations (CARs)	An aerodrome at this site would be subject to complying with CAR 301 and Transport Canada may conduct on-site inspections to this regard. All aircraft operations are also regulated by various sections of the CARs and are subject to periodic inspections by TC whether or	Transport Canada - Civil Aviation	Operation of the aerodrome and all aircraft operations.

Statute	Responsible Agency for Statute	Regulation	Authorization Instrument (Permit/License/ Approval)	Responsible Enforcement Agency	Activity being Enforced
			not they are involved with this project.		
Canadian Environmental Protection Act, 1999 (CEPA)	Environment Canada	Fuel Storage - Federal Registration of Storage Tank Systems for Petroleum Products and Allied Petroleum Products on Federal Lands or Aboriginal Lands Regulation Fuels - Sulphur in Diesel Regulations - Fuels Information Regulations No 1 - Sulphur in Gasoline Regulations - Benzene in Gasoline Regulations Hazardous Waste - Interprovincial Movement of Hazardous Waste Regulation Halocarbons - Federal Halocarbon Regulations - National Pollutant Release Inventory (NPRI) - Environmental Emergencies Regulations	Fuel Storage - INAC Land Lease Other regulations – no permit/authorization	Fuel Storage – Tanks are registered with INAC and INAC provides the list of registered tanks to EC annually. For all other regulations - EC	Fuel Storage - Registration of fuel storage tanks Fuels – The Fuel Regulations only apply fuel if fuel is imported from an international source Hazardous Waste - The transport of hazardous waste within Canada Halocarbons: - the release of a halocarbon that is contained in a refrigeration system or an air-conditioning system, or any associated container or device - The installation of a system that operates or is intended to operate with a halocarbon listed in any of items 1 to 9 of Schedule 1 - The storage, transport or purchase of a halocarbon unless it is in a container designed and manufactured to be refilled and to contain that specific type of halocarbon, unless it is used as laboratory analytical standards or laboratory reagents. National Pollutant Release Inventory - For companies that manufacture, process or otherwise use one of the 268 substances listed on the inventory, and meet the reporting thresholds, the annual reporting of releases or transfers. Environmental Emergencies For toxic and hazardous substances at or above the specified thresholds, the provision of information on their quantities and the preparation and implementation of environmental emergency plans.

Statute	Responsible Agency for Statute	Regulation	Authorization Instrument (Permit/License/ Approval)	Responsible Enforcement Agency	Activity being Enforced
Canada Shipping Act (CSA)	TC Marine Safety	Various Regulations under the CSA	• Compliance • Inspection • Plan approvals	TC – Marine Safety	Some aspects of a ship's construction, its equipment, its crew and its operation are regulated and subject to inspection and/or audit
Explosives Act	Natural Resources Canada	Explosives Regulations	Explosives Factory License	Explosives Regulatory Division	Manufacture and (possibly) storage of explosives
Fisheries Act	Fisheries and Oceans Canada	Metal Mining Effluent Regulations	N/A	Environment Canada	Discharges from TIA must comply with discharge criteria in MMER
Fisheries Act	DFO	Metal Mine Effluent Regulations	Amendment to Schedule II of the Regulation to add Tail Lake as a tailings impoundment area	EC	Deposit of Deleterious Substances into Tail Lake and destruction of fish habitat in Tail Lake
Fisheries Act	DFO	(s. 32)	Destruction of Fish by Means other than fishing	DFO	Blasting & destruction of residual fish in Tail Lake following the fish out program
Fisheries Act	DFO	(s. 30)	N/A – guidelines to be used	DFO	Ensuring screens on water intakes to prevent impingement or entrainment of fish
Fisheries Act	DFO	(s. 35)	Authorizations for the harmful alteration, disruption or destruction of fish habitat	DFO	Destruction of habitat associated with the construction of the jetty, north tailings dam, float plane and boat dock, and bridge over Doris Creek
Fisheries Act	N/A	Fishery (General) Regulations	N/A – “No fishing” policy to be implemented by Company	N/A	The general fishing regulations will not be applicable since the company is implementing a more restrictive “no fishing” policy.
Industry Canada		Industry Canada			
Migratory Birds Convention Act	Environment Canada	Migratory Birds Regulations	N/A	Environment Canada	Violations under MBCA and MBCA Regulations - Section 6 of the Regulations prohibits the disturbance, destruction, taking of a nest, egg, or nest shelter of a migratory bird or to be in possession of a live migratory bird, carcass,

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					skin, nest or egg of a migratory bird, except under the authority of a permit. - Section 35 of the Regulations prohibits the deposition of oil, oil wastes or any other substance harmful to migratory birds in any waters or any area frequented by migratory birds.
Navigable Waters Protection Act	Transport Canada Navigable Waters Protection Program	Navigable Waters Protection Act	NWPA Approvals	Transport Canada Navigable Waters Protection Program (NWPP)	Approval from TC for constructing works in a navigable water. These works are a Rock filled Jetty in Roberts Bay, water intake in Doris Lake, boat and float plane dock in Doris Lake, deposit of tailings in Tail Lake and any Fish Habitat Compensation structures built (i.e. rock spurs).
Nunavut Act	Culture, Language, Elders & Youth	Nunavut Archeological and Palaeontological Sites Regulations	Permit	Culture, Language, Elders & Youth	- Protection of sites and artifacts
Nunavut Waters and Nunavut Surface Rights Tribunal Act (NWNSTRA)	INAC	NWT Water Regulation	Nunavut Water Board Water License	INAC	Terms and Conditions of the Water License
Transportation of Dangerous Goods Act	TC-Marine Safety	Transportation of Dangerous Goods Regulations	- Compliance - Inspection - Plan approvals	TC – Marine Safety	Some aspects of a ship's construction, its equipment, its crew and its operation are regulated and subject to inspection and/or audit
Species at Risk Act	Environment Canada	N/A	N/A	- Migratory birds: Environment Canada - Fish and marine mammals: DFO - Species within National Parks: Parks	SARA includes general prohibitions against: - The killing, harming, harassing of listed extirpated, threatened or endangered species or their residences - The damage or destruction of the residences of individuals of an endangered or threatened species, or of an extirpated species where its reintroduction into the wild has been recommended, and - The destruction of critical habitat of an extirpated, threatened or endangered species,

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				Canada	as defined in a recovery strategy or action plan. How and when these prohibitions apply will depend on the type of species (e.g. aquatic species, migratory bird), its status designation (e.g., threatened, endangered) and where it is located (e.g., lands under the authority of the Minister of the Environment or the Parks Canada Agency, other federal lands).
Canadian Transportation Act		Canadian Ammonium Nitrate Storage Facility Regulations,			
Canadian Transportation Act		Flammable Liquids Bulk Storage Regulations			
Territorial Lands Act					
Territorial Lands Act		Territorial Land Regulations	Land Lease (for jetty)	INAC	Terms and Conditions of Lease
Territorial (Nunavut)					
Workers Compensation Act	Workers Compensation Board	Workers' Compensation Act, including Regulations	None	WCB Registrars/Entitlement Officers	Prompt reporting of accidents and injuries within 3 days if time loss claim or medical attention sought
Public Health Act	H&SS	1) Act: ss 14-18 2) Camp Sanitation Regulations 3) Communicable Disease Regulations 4) Eating or Drinking Places Regulations	Inspection (Employers with >50 employees must provide physician service on contract)		1) Appropriate health services available on site 2) Minimizing risk to human health 3) Promote good population health 4) Minimizing risk to human health
Emergency Medical Aid Act	H&SS				Allows non-professionals to render first aid
Hospital Insurance and H&SS Administration Act	H&SS		1) Inspection 2) Inter-provincial billing agreements	Nunavut Health Insurance Program	Costs incurred by OOT clients in Nunavut are properly reimbursed
Child & Family	H&SS		Inspection and/or	Director of	Child welfare

Statute	Responsible Agency for Statute	Regulation	Authorization Instrument (Permit/License/ Approval)	Responsible Enforcement Agency	Activity being Enforced
Services Act			investigation	Children & Family Services	
Electrical Protection Act	Community & Government Services	Electrical Protection Regulations	Electrical Permit	Community & Government Services	- Safety precaution
The Safety Act	Workers Compensation Board	General Safety Regulations	None	Safety Officers	Workplace safety through inspections and enforcement
Commissioners Land Act	Community & Government Services	Commissioner's Airport Lands Regulations, Commissioner's Land Regulations	All activity on lands within Nunavut falls under Nunavut's legislation	Community & Government Services	- Administration of Commissioner's Lands
Boilers and Pressure Vessels Act	Community & Government Services		Boiler Permit	Community & Government Services	- Safety precaution
Gas Protection Act	Community & Government Services	Gas Protection Regulations	If Propane is on site. Installation must be approved by Protection Services	Community & Government Services	- Safety precaution
Apprenticeship, Trades and Occupations Certification Act	Education	Apprenticeship, Trade and Occupations Certification Regulations	Certificate	Education	-Certification of Apprentices and Trades Qualifications
Liquor Act	Finance	Liquor Regulations	Permit where applicable	Finance	-Charges for non-compliance
Fire Prevention Act	Community & Government Services	Fire Prevention Regulations	Submit all plans to the office of the Fire Marshal for approval before permit to build can begin.	Community & Government Services	- Ensure all plans are up to code
Transportation of Dangerous Goods Act	Economic Development &	Transportation of Dangerous Goods Regulations	Permit where applicable	Economic Development &	-Transportation of dangerous goods on a highway

Statute	Responsible Agency for Statute	Regulation	Authorization Instrument (Permit/License/Approval)	Responsible Enforcement Agency	Activity being Enforced
	Transportation			Transportation	
Environmental Protection Act	Environment	Spill Contingency Planning and Reporting Regulations	Approval	Environment	-Approve spill contingency plans
Explosives Use Act	Workers Compensation Board	Explosives Use Regulations	Permit	Mine Inspectors	Ensuring blasters are certified
Pesticide Act	Environment	Pesticide Regulations	Pesticide Business Permit	Environment	-Any businesses shall apply for the permit before application of pesticide.
Mine Health and Safety Act	Workers Compensation Act	Mine Health and Safety Regulations (see Note 1 below)	Permit/Certification to supervisors/blaster's hoist operators	Mine Inspectors	Mine Health/Safety through inspections and enforcement
Scientist Act	Nunavut Research Institute	None	Scientific Research License	Nunavut Research Institute	-Any research related activities except in the area about wildlife should obtain the license from NRI.
Wildlife Act	Environment	-Birds of Prey Regulations -Certification and Disposal of Wildlife Regulations -Polar Bear Defense Kill Regulations -Wildlife Licenses and Permits Regulations	Wildlife Research Permit	Environment	-Any bear kills need to be reported to DOE wildlife officers. -Any terrestrial wildlife related monitoring and research need to obtain permits from DOE.

No	Term and Condition	Comment	Indicate whether your Regulatory Agency has any regulatory authority for the Commitment	Indicate whether your Regulatory Agency can provide any expert advice for the Commitment	Indicate whether your Regulatory Agency can exercise its jurisdiction as a result of NLCA 12.9.7
	Final Hearing Report Appendix A Commitments				
	Air Quality				
1	Use of an aggressive fuel conservation effort		(GN) Yes, upcoming Climate Change Plan this year from the Federal Government will have an effect on Nunavut legislations in regard to green house emissions and energy efficiency issues.	(GN) Yes, in the near future	(GN) Yes, in the near future
				(EC) advisory (review of air quality mointoring results)	
2	Use of a brine solution for dust suppression in the underground mine		(GN) Yes. EPA (Environmental Protection Act)	(GN) Yes	(GN) Yes
			(EC) [Canadian Evironmental Protection Act (1999) lists CaCl as a toxic substance]	(EC) advisory (pollution prevention)	
			(INAC) if part of water license	(INAC) advisory (water quality)	
3	Use of coarse rock in roads, airstrip, building pads and laydown areas to minimize dust during construction		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results)	
4	Driving at designated speeds on site roads		(GN) Yes. EPA	(GN) Yes	(GN) Yes
5	Application of water to roadways to reduce dust from ore and waste rock haulage and grading to a minimum		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results air quality)	
				(INAC) advisory (water usage)	
6	Installation of dust covers, sonic sprays, etc. to suppress dust generation from equipment in the crushing facility		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality monitoring results)	
7	Installation of a dust scrubber on the smelting off-gas stream		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results air quality)	
8	Submerged release of tailings deposition to avoid tailings dust emissions		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (air quality)	
				(INAC) advisory (water usage)	

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9	Installation of a waste oil burner unit equipped with a settling tank and filter system for particulate removal from the waste oil		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results air quality)	
10	Regular servicing of all mobile and stationary engines to maintain efficiency				
11	Proper equipment maintenance				
12	Adherence to all permits, authorizations and approvals		(GN) Approvals	(GN) Yes	(GN) Yes
			(EC) Canada-wide standards for dioxins and furans and Canada-wide standard for mercury		
			(DFO) DFO will be responsible for enforcing DFO Authorizations		
Noise					
1	Buildings, structures and material stockpiles will act as physical barriers to noise		(GN) Yes. EPA	(GN) Yes	(GN) Yes
2	Most powered equipment will be enclosed in insulated buildings		(GN) Yes. EPA	(GN) Yes	(GN) Yes
3	Proper equipment maintenance				
4	There will be noise monitoring in the mill for occupational health and safety		(GN) Yes. EPA	(GN) Yes	(GN) Yes
5	The on-site Environmental Manager will also conduct routine inspections of the Project operations and look for possible mitigation opportunities		(GN) Yes. EPA	(GN) Yes	(GN) Yes
6	Adherence to all permits, authorizations and approvals		(GN) Approvals	(GN) Yes	(GN) Yes
Water Quality - TSS					
1	Installing silt curtains in localized areas of permafrost degradation		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	
			(DFO) Suggest that discharge limit be set at 10ppm such that they meet TSS requirements at end of pipe	(INAC) advisory	
			(INAC) if part of water license		
2	Applying geo-textile materials or rip rap to areas where slumping is observed to stabilize the shoreline		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(NRCan) Yes	
			(INAC) if part of water license	(EC) advisory (review of water quality monitoring results)	
				(INAC) advisory	
Water Quality - Runoff					
3	Identifying and using quarry rock that has a low acid generation and metal leaching potential		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (review of water quality monitoring results)	
			(INAC) if part of water license	(INAC) advisory	
4	Implementing industry best practice methods for explosives use, which will limit residual nitrite and nitrate present in quarried and waste rock		(GN) Yes. EPA	(GN) Yes	(GN) Yes

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			(EC) Fisheries Act, S.36(3)	(EC) advisory (review of water quality monitoring results)	
			(INAC) if part of water license	(INAC) advisory	
5	Completing winter construction of the roads and building pads, which will mitigate the risk of sediment release during construction		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (review of water quality monitoring results)	
				(INAC) advisory	
6	Implementing industry best practices for sediment control and storm water management during and after construction to collect surface runoff, and discharging runoff to the tailings containment area, where the sediments would have the opportunity to settle out		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	
			(INAC) if part of water license	(INAC) advisory	
Permafrost					
1	Additional thermistors will be installed during construction		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(INAC) advisory	
2	Reading of these thermistors will be included in routine site monitoring programs to ensure that the condition of the permafrost in close proximity to the key mine activity centres is being monitored to ensure that the permafrost integrity is being maintained through the planned design and mitigation strategies		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(NRCan) Yes	
				(INAC) advisory	
Vegetation					
1	Avoiding, or reducing, impacts to vegetation units during project planning by re-using previously disturbed areas, where possible		(GN) Yes. EPA	(GN) Yes	(GN) Yes
2	Avoiding, or reducing, impacts to rare species		(GN) Yes. EPA	(GN) Yes	(GN) Yes
3	Implement dust suppression methods (i.e., spraying with water) on the airstrip and roads during the snow/ice free period		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality monitoring results)	
				(INAC) advisory (water usage)	
4	Apply water to roadways to reduce dust from ore and waste rock haulage and minimizing grading		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (air quality)	
				(INAC) advisory (water usage)	

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5	Install dust covers and sonic sprays to suppress dust generation from equipment in the crushing facility		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results)	
				(INAC) advisory (water quality)	
6	Install a dust scrubber on the smelting off-gas stream		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results)	
7	Re-contouring closure landforms and placing materials to ensure that the final topography and site conditions are similar to other vegetation units of the same type in the region		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(INAC) advisory (through water license A&R plan)	
8	Allow areas to revegetate during operations (e.g., progressive) and promoting natural vegetation regeneration throughout the mine life		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(INAC) advisory (through water license A&R plan)	
9	Using adaptive management approaches to ensure that advances in revegetation research are included in final closure planning efforts		(GN) Yes. EPA	(GN) Yes	(GN) Yes
				(INAC) advisory (through water license A&R plan)	
Jetty					
1	Constructing the jetty of clean, crushed rock that has been certified as having low acid generation potential and low metal leaching potential		DFO can require that material used for jetty construction is clean and free of particulate matter.	(GN) Yes	(GN) Yes
			(GN) Yes. EPA	(DFO) Yes	
			(EC) Fisheries Act, S.36(3)	(EC) advisory (review of water quality monitoring results)	
			(INAC) Territorial Land Regulations - Land Lease	(INAC) advisory	
2	Use of silt curtains, as required to reduce suspended sediment to a level to meet the federal CCME (1999) water quality guidelines		DFO can require the use of silt curtains	(GN) Yes	(GN) Yes
				(INAC) advisory	
			(GN) Yes. EPA	(DFO) Yes	
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	

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3	The construction will be timed (i.e., early July) to avoid the spawning migrations of capelin during the end of July (Supporting Document F4)		DFO can impose construction timing windows to protect local fish populations during sensitive time periods	(DFO) Yes	
4	Monitoring measures are outlined in Chapter 6 of the Technical Report. Construction activities will be monitored on terms and conditions of permits and approvals		DFO can include monitoring requirements related to physical impacts to fish and fish habitat in our Authorizations and monitoring of fish habiat compensation effectiveness	(GN) Yes	(GN) Yes
			(GN) Yes. EPA	(DFO) Yes	
				NRCan for monitoring aspects relevant to permafrost and physical marine and coastal processes	
			(TC) NWPP - Yes	(TC) Yes	(TC) Yes
Caribou					
1	Integration of Inuit Qauajimajatuqangit into monitoring programs		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
2	Restricting the mine surface footprint to a small and confined area of 53 ha		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
3	Minimizing the amount of clearing		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
4	Reduce noise by use of muffled exhaust systems		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
5	All diesel powered equipment will meet emission guidelines		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
6	Minimum flying altitude of 300 m above ground level for cargo and passenger aircraft outside of the Project area		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
7	Vehicles restricted to designated roads and prepared work areas (i.e., recreational use of off-road vehicles is prohibited)		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
8	Implement dust suppression methods (i.e., spraying with water) on the airstrip and roads during the snow/ice free period (chemical dust suppressants will not be used)		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
				(INAC) advisory (water usage)	
9	Install dust covers and sonic sprays to suppress dust generation from equipment in the crushing facility		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
				(INAC) advisory (water quality)	
10	Install a dust scrubber on the smelting off-gas stream		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
11	Conducting pre-project surveys to identify wildlife sensitive locations and protected areas for avoidance		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
12	Reclaiming areas during operations (e.g., progressive) and promoting natural vegetation regeneration throughout the mine life		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
13	Wildlife awareness and sensitivity training for on-site personnel		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
14	Participation in the Bathurst Caribou Management Committee		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
15	Implement caribou crossing locations along the road based on local information from the Hunters and Trappers Associations and KIA, among others		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes

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16	Give caribou the right-of-way (i.e., all vehicles must stop when wildlife are on the road or approaching)		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
17	Allowing natural encroachment of vegetation on and near roads, airstrip and the active mine site		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
18	Use of Inukshuks or other initiatives determined through consultation with Elders to deter Caribou from site		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
19	Establishing and enforcing speed limits		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
20	Implementing procedures for the safe removal of caribou from hazardous areas (e.g., roads and airstrip)		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
21	Warning drivers when caribou are moving through the area		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
Grizzly Bear					
1	Integrate Inuit Qaujimajatuqangit into education, monitoring and response programs		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
2	Education and reinforcement of proper waste management practices to all workers and visitors to the site		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
3	Implement appropriate waste management protocols, including burning all food wastes in an oilfired incinerator		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
				(EC) advisory (air quality)	(GN) Yes
4	Eliminate attractants (e.g. food waste, oil products) at the landfill site		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
5	Separation of food waste and non-food waste at source		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
6	Appropriate fencing around the landfill area		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
7	Burn waste oil in waste-oil furnaces or taken off-site for recycling		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
				(EC) advisory (review of air quality mointoring results)	
8	Designate contained areas for worker lunch and coffee breaks		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
9	Educate people on the risk associated with feeding wildlife and careless disposal of food garbage		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
10	Ongoing review of the efficacy of the waste management program and adaptive improvement		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
Breeding Birds and Waterfowl					
1	Conduct land clearing for site infrastructure (e.g., building pad construction and roads) outside of the breeding season		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations	(EC) primary advisor (migratory birds)	
2	Prevent nesting on mine infrastructure and man-made structures		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations	(EC) primary advisor (migratory birds)	
3	If a nest site is established and eggs are present, avoid the nest as much as possible and monitor for nest success	[Note from EC: according to Section 6(a) of the Migratory Birds Regulations, it is prohibited to disturb or destroy the nests or eggs of migratory birds]	(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations	(EC) primary advisor (migratory birds)	
Raptors					

No	Term and Condition	Comment	Indicate whether your Regulatory Agency has any regulatory authority for the Commitment	Indicate whether your Regulatory Agency can provide any expert advice for the Commitment	Indicate whether your Regulatory Agency can exercise its jurisdiction as a result of NLCA 12.9.7
1	Incorporate Inuit Qaujimagatuqangit into operations and monitoring programs		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
2	Prevent raptors from nesting on mine infrastructure		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
3	If a nest is established within the mine footprint and eggs are present, avoid the nest as much as possible and monitor for nest success		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
4	Establishing and enforcing speed limits		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
5	Reporting all accidental deaths or injury to raptors as a result of vehicle or aircraft collisions, so that mitigation can be adaptively managed		(GN) Yes. Wildlife Act (WA)	(GN) Yes	(GN) Yes
Archaeology					
1	All construction activity in the vicinity of the remains will cease immediately		(GN) Yes (NAPSR)	(GN) Yes	(GN) Yes
			(INAC) Territorial Land Regulations - Land Lease (specific to land below high water mark at jetty site)	(INAC) advisory	
2	The project archaeologist and Territorial Archaeologist will be contacted. Then the potential significance of the remains will be assessed; and mitigative options will be identified		(GN) Yes (NAPSR)	(GN) Yes	(GN) Yes
3	If the significance of the remains is judged to be sufficient to warrant further action and they cannot be avoided, the project archaeologist in consultation with the Territorial Archaeologist, will determine the appropriate course of action		(GN) Yes (NAPSR)	(GN) Yes	(GN) Yes
4	In the case of human remains, the RCMP will be contacted. In addition, a Coroner and/or physical anthropologist may be involved, if necessary. If the remains are determined to be archaeological, representative of local communities as well as the Inuit Heritage Trust will be consulted to determine how to handle the remains		(GN) Yes (NAPSR)	(GN) Yes	(GN) Yes
5	An education program will ensure that all personnel involved in exploration and development activities are aware that heritage resources are protected by law and that if any archaeological, historic or human remains are uncovered during any such activities, these remains must be reported and disturbance must cease until the remains are dealt with appropriately. The Territorial Archaeologist of the Government of Nunavut will be notified and a qualified archaeologist will assess the incident.			(GN) Yes	(GN) Yes
Health Services					
1	All employees will undergo a pre-employment medical. This will ensure that the site medical staff are able to provide the best care and treatment to employees as the site is remote from full medical services		(GN) Yes	HC	
				(GN) Yes	
2	Qualified medical personnel will be available at site twenty-four hours a day and seven days a week. They will be able to treat minor illnesses. As employees will spend half of their time at site, this should relieve some burden from the local health facilities		(GN) Yes	HC	
				(GN) Yes	
3	Emergency response and contingency plans are in place for medical evacuation if required		(GN) Yes	HC	
				(GN) Yes	
4	Alcohol and drug education will be provided to all employees and the site will continue to be an alcohol and drug free operation			HC	
				(GN) Yes	

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5	Miramar will continue to follow health guidelines, procedures and protocols for camp food. Waste handling and storage will meet all appropriate territorial regulations and standards to avoid any health concerns for employees		(GN) Yes	HC	
				(GN) Yes	
6	Communication and cooperation processes have been put in place with medical personnel in the camps, the Nunavut HSS, the Yellowknife hospital, appropriate monitors and inspectors, and regional health authorities. The new health Centre that opened in Cambridge Bay in 2005 will also provide a higher level of service			HC	
				(GN) Yes	
7	All Project contractors and subcontractors are bound to the guidelines, procedures and protocols developed by Miramar			HC	
8	Miramar will provide government inspected country food periodically at the mine site. During operations the medical staff will be able to provide information on diet and nutrition			HC	
				(GN) Yes	
9	To avoid employee injury, Miramar will ensure that safety is the highest priority for the Project			HC	
				(GN) Yes (also OH&S)	
10	Miramar will ensure transportation equipment is regularly inspected for safety			HC	
11	Miramar will take safety into account when planning contractor delivery schedules			HC	
Safety and Protection Services					
1	Miramar will liaise with the RCMP and produce regular updates on project activities and plans that could influence RCMP workloads, communications between camp management and RCMP, and efficiency of RCMP response to calls for service from the camps and from project-related community calls			HC	
2	Miramar will conduct criminal record checks prior to hiring employees to screen out those convicted of crimes of violence such as sexual assault			HC	
3	Miramar will provide counseling and life skills training workshops			HC	
				(GN) Yes	
Social Services					
1	In order to support the emotional health of employees and avoid burden on community facilities, Miramar will make available a number of methods of communications for workers with their families such as telephone and Internet			HC	
2	Miramar plans to keep family groups or community groups of workers together for support while away from home		(GN) Yes	HC	
				(GN) Yes	
3	Miramar will conduct an extensive orientation program to ensure that all workers are given full training, understand Miramar policies and procedures and have support to adjust to camp life; includes full safety training			HC	
4	Miramar will provide a workplace where individuals are treated in a fair, equitable and respectful manner to attract and retain good workers and reduce stress on employees			HC	

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5	Miramar will provide an issues resolution process for employees to be able to resolve any grievances and issues to avoid undue stress and pressure			HC	
6	As much as possible, Miramar will encourage opportunities for Inuit to speak and maintain their own language while at the same time operating in the language of the camp as long as safety of the employee, others or job performance are not compromised			HC	
7	Alcohol and drug education will be provided to all employees and the site will continue to be an alcohol and drug free operation			HC	
				(GN) Yes	
8	Miramar will provide to all employees a free and confidential Employee and Family Assistance Program (EFAP) that will provide emotional, psychological and mental health counseling for employees and their immediate families for work stress, marital and family issues			HC	
				(GN) Yes	
Employment					
1	Provide the support of a Manager, Community Relations to support community liaison and facilitate workers integration into the work force			(GN) Yes	
2	Provide a workplace where individuals are treated in a fair, equitable and respectful manner in order to attract and retain workers			(GN) Yes	
3	Provide free flights to mine employees travelling to and from work between the four key communities and the mine site. The flights will not go through Yellowknife. MHLB will consider flights to other communities as appropriate to attract and retain Inuit workers				
4	Raise the level of understanding about the type of employment opportunities in the mining industry so that the key communities can make informed choices and about employment and career opportunities			(GN) Yes	
5	Provide hamlets, and education and training institutions within the four key communities with list of potential jobs, education/training requirements and certificates and transferable skills to other jobs for which individuals might be qualified			(GN) Yes	
6	Work with hamlets and training institutions to develop skills assessment and community databases of potential mine site trainees and workers, taking into consideration privacy and other applicable legislation			(GN) Yes	
7	Work with employment personnel in the key communities to develop a strategy that helps each hamlet retain sufficient skilled individuals to effectively manage the Hamlets			(GN) Yes	
8	Miramar will strictly enforce the Harassment Policy that states that harassment of any kind is not tolerated, will be investigated and discipline may include termination			(GN) Yes	

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9	Miramar will provide an issues resolution process to ensure the employees grievances and issues are dealt with in a timely and appropriate manner so they do not consider leaving the company			(GN) Yes	
10	Provide ongoing support for employees of the four key communities and other northern hires that recognize cultural differences at the worksite			(GN) Yes	
11	Identify and communicate project employment opportunities early in project development			(GN) Yes	
12	Raise the level of understanding about the type of employment opportunities in the mining industry so that the key communities can make informed choices and about employment and career opportunities			(GN) Yes	
13	Communicate employment opportunities and skill requirements to interested organizations, government agencies and communities, in an open, transparent and timely fashion in cooperation with each hamlet, the KIA, and the appropriate government departments and agencies by postings in public places, on the Internet, and in local and government agencies and departments			(GN) Yes	
14	With KIA collaboration, design and implement an Inuit recruitment strategy to ensure that every effort is being made to recruit employees from Nunavut and particularly the four key communities			(GN) Yes	
15	Require contractors and subcontractors to structure Inuit and northern employment policies and plans, complete with reporting and monitoring systems, to comply with the Miramar's benefits plans and agreements, and their commitments to employ workers from the four key communities and other northern communities			(GN) Yes	
16	Establish on-the-job support systems and resources to help develop worksite and life skills			(GN) Yes	
17	Require employees to be age 18 for employment during construction and operations (except specific student programs). This is governed by Miramar employment policies and the Mines Act with regard to underground mining. This will deter youth from leaving school to work on the Project			(GN) Yes	
18	Work proactively with contractors, unions, communities, educational institutions and government agencies to develop and recruit qualified workers			(GN) Yes	
Economy					
1	A commitment has been made to facilitate workshops for workers and their families regarding money management, budgeting and retirement planning so that workers can make informed choices about how they spend their money			HC	
				(GN) Yes	
Education and Training					
1	Work with employment personnel in the four key Hamlets to develop a strategy that helps each Hamlet retain sufficient skilled individuals to manage the Hamlet effectively			(GN) Yes	
2	Establish on-the-job support systems and resources to help develop worksite and life skills			(GN) Yes	
3	Before construction, continue to promote awareness among residents and secondary school students in the four employment impact communities about employment and career opportunities, and also the education and qualifications needed to access these opportunities			(GN) Yes	

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4	ork with school organizations, elementary and secondary schools, and students within the four key communities in the environmental assessment area to promote employment and career opportunities associated with the project, while emphasizing the need to complete high school to qualify for these and other post-secondary learning and career opportunities			(GN) Yes	
5	Work with training institutions, school organizations and government agencies to share industry-specific needs to allow them to develop appropriate curricula, if required			(GN) Yes	
6	Continue annual Summer Camp for students to the Kimberlite Career and Technical Centre in Yellowknife to get exposure to trades and technology options			(GN) Yes	
7	Provide youth within the four key communities in the environmental assessment area with exposure to the mining industry through periodic classroom visits by mine personnel as well as providing summer employment and job shadowing for students			(GN) Yes	
8	Waive formal educational requirements, where appropriate, to reduce barriers for potential Inuit employees			(GN) Yes	
9	Support some trades training on-site where appropriate with the short life of mine			(GN) Yes	
10	Continue to provide scholarships in each of the key communities to encourage further education			(GN) Yes	
11	Ensure on-the-job training manuals take into account cultural differences and language skills, perhaps through a greater use of pictures and diagrams to encourage Inuit workers into the mine			(GN) Yes	
12	Work with KIA, Department of Education (who are piloting the Nunavut Community Skills Database), hamlets and training institutions to develop skills assessment and community databases of potential mine site trainees and workers, taking into consideration privacy and other applicable legislation			(GN) Yes	
Business Opportunities					
1	Provide an annual business opportunities forecast to local businesses to identify foreseeable procurement requirements			(GN) Yes	
2	Where possible, provide lead time, and identify project components of the construction and operations phases for the four key communities and other northern businesses to help them develop the ability to qualify and effectively compete for contracted work			(GN) Yes	
3	Endeavour to pre-qualify the four key communities, and offer feedback and assistance in understanding how to fill gaps in their qualifications			(GN) Yes	
4	Provide information on bidding procedures, subcontracting and joint venture opportunities, to help the four key communities and other northern businesses effectively pursue business opportunities			(GN) Yes	
5	Facilitate northern sourcing by structuring work packages and sub-packages, where appropriate, to better align with the capacities of qualified northern businesses (e.g., bid packages of varying sizes or broken down sufficiently so as to encourage Inuit participation)			(GN) Yes	
6	Require bidders on major contracts to submit, as part of their bid, a local content plan that specifies how they will optimize the participation of the four key communities and other northern businesses in executing their work			(GN) Yes	
7	Give particular emphasis to local content plans when evaluating bids, and subsequently awarding work and supply packages for the Project			(GN) Yes	
8	Ensure that awarded contracts are monitored by the IIBA Implementation Committee and actual contact awards are reviewed to track Inuit content			(GN) Yes	

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9	Monitor implementation of local content plans to ensure that procurement contractor commitments are met, and adhere to terms in the benefits and access agreements			(GN) Yes	
10	For Inuit owned businesses, waive bonding until a successful contractor is selected			(GN) Yes	
11	Continue open communications with the four key communities and other northern businesses about Project requirements, including timing, and specification of goods and services required by the Project			(GN) Yes	
12	Supply information about the four key communities and other northern businesses to potential contractors, in support of local content plans			(GN) Yes	
13	Provide feedback to unsuccessful bidders from the four key communities and other northern communities to help them bid more successfully in the future			(GN) Yes	
	Final Hearing Report Appendix A Addendum				
	Fish				
1	Implement a No Net Loss Plan that meets the requirements of the DFO to ensure that the alteration or loss of fish habitat due to the Project is fully mitigated and compensated		DFO has regulatory authority for this commitment	(DFO) Yes	
2	Implement a follow-up monitoring plan that meets the requirements of the DFO to monitor the effectiveness of the No Net Loss Plan compensation measures and adapt the compensation measures as required to meet the compensation objectives established in the No Net Loss Plan		(DFO) Yes	(DFO) Yes	
3	Conduct the Total Suspended Sediment Monitoring program during the construction of the jetty in Roberts Bay		(DFO) Yes	(DFO) Yes	
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	
4	Where possible, hire Inuit to participate in the monitoring and follow-up programs		(DFO) No		
	Water withdrawal in Doris Lake				
5	Design all water intake structures to meet DFO Freshwater Intake End-Of Pipe Fish Screen guidelines to prevent fish entrainment and impingement		(DFO) We have regulatory authority but proponent will follow guidelines instead of needing an authorization	(DFO) Yes	
			(INAC) if part of water license	(INAC) advisory (water quality)	
	Watercourse crossings				
6	Install culverts to provide cross drainage along roadways to provide continued flow following the current drainage system as necessary to allow fish passage. Following mine closure, breach the culverts and re-establish natural drainage areas and flow direction.		(DFO) Yes	(DFO) Yes	
7	Construct the single span bridge crossing the Doris Outflow at the north end of Doris Lake in the winter when the stream is frozen to the bottom		(DFO) Yes	(DFO) Yes	
	Blasting				
8	Follow the federal blasting guidelines of Wright and Hopky (1998) and the more restrictive guidelines for blasting in the Arctic as required by the DFC		(DFO) Yes	(DFO) Yes	
	Reduced water quality				
9	Conduct the removal of fish from Tail Lake in accordance with the DFO General Fish-Out Protocol for Lakes to be Lost Due to Mining Developments, and in a manner that accords with the Inuit Qaujimajatuqangit key tenet of respect for fish.		(DFO) Yes - in so far as conducting the removal of fish from Tail Lake as per our fish out protocol. Note: Approval from the NWMB will also be required for the harvest of the fish.	(DFO) Yes	
	Tailings pond discharge				

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10	Water quality in Tail Lake will be monitored prior to release, and the release of decant water into the Doris Outflow will meet the requirements of the federal Metal Mining Effluent Regulations (MMER)		(DFO) No	(GN) Yes	(GN) Yes
			(GN) Yes. EPS	(EC) advisory (water quality)	
			(EC) Metal Mining Effluent Regulations	(INAC) advisory (water quality)	
			(INAC) if part of water license		
11	Water quality will be monitored at the discharge release into the Doris Outflow and downstream of the waterfall, and will meet the requirements of the Canadian Council of Ministers of the Environment (CCME)		(DFO) No	(GN) Yes	(GN) Yes
			(GN) Yes. EPS	(EC) advisory (water quality)	
			(EC) Fisheries Act, S.36(3)	(INAC) advisory (water quality)	
			(INAC) if part of water license		
	Fish harvesting activity				
12	A no-angling policy will be implemented		(DFO) No	(DFO) Yes	
	Final Hearing Report Appendix B				
	Additional Commitments				
	DFO				
1	Miramar will commit to place as much tailings as feasible underground as backfill. To assist in achieving that objective, Miramar will conduct a mine and process engineering study, and from that study will develop protocols for prioritizing the types of materials to be placed underground, and for determining the quantities of the various types of materials that will be placed underground. In determining the feasibility of placing tailings underground, and in prioritizing the types of materials and determining the quantities of materials to be placed underground, Miramar will give considerable weight to the need to minimize the impact of tailings on fish habitat.		(GN) Yes, EPS	(GN) Yes	(GN) Yes
2	Miramar will monitor stage and discharge in Doris Outflow both upstream and downstream of the decant discharge point to provide information that can be used in assessing the accuracy of the impact predictions relating to fish habitat downstream		(INAC) if part of water license	(GN) Yes	(GN) Yes
			(DFO) Yes	(DFO) Yes	
			(GN) Yes, EPS	(EC) advisory (water quality) [depending on nature of monitoring program]	
			(EC) Fisheries Act, S.36(3)	(INAC) advisory (water quality)	
3	Miramar commits to reassessing the length of the Jetty at the regulatory phase and prior to construction to determine if it can be shortened while reaching sufficient water depths. Miramar will do this re-assessment after conducting more detailed bathymetry as part of the final design.	Note from INAC: This commitment will be incorporated into INAC's Land Lease	(INAC) Territorial Land Regulations - Land Lease	(DFO) Yes	
			(DFO) Yes	(INAC) advisory	
			(TC) NWPP - Yes	(TC) Yes	(TC) Yes

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4	To confirm that the ninespine stickleback habitat associated with the wetland along the shoreline where Tail Outflow enters Doris Lake is not adversely affected by the Project. Miramar will undertake a detailed survey of the willow habitat along this section of shoreline prior to construction. This will provide a basis for comparison with monitoring to be conducted during operation and closure phases of the project. If unforeseen effects on the shoreline habitat of Doris Lake in this area are identified, additional mitigation or compensation measures will be identified and discussed with DFO, prior to implementation.		(DFO) Yes	(DFO) Yes	
5	Miramar will consider as part of the No Net Loss Plan, fish passage in the design of the weir proposed in Doris outflow to ensure that fish passage is not impeded.		(DFO) Yes	(DFO) Yes	
6	Miramar commits to monitor the jetty for a two-year period after lowering to assess the stability, effects of change in current patterns and fish use of the area.	Note from INAC: This commitment will be incorporated into INAC's land lease, as part of a requirement for an approved Abandonment and Reclamation (A&R) Plan	(INAC) Territorial Land Regulations - Land Lease (A&R Plan for jetty)	(DFO) Yes	
			(DFO) Yes	(INAC) advisory	
DFO/ Environment Canada					
7	Miramar commits to preparing a single comprehensive summary of the tailings alternatives assessment, in consultation with DFO and EC, to be used in the regulatory phase for scheduling under MMER		(EC) Metal Mining Effluent Regulations	(DFO) Yes	(EC) TIA will be listed on Schedule 2 of the MMER - no actual permit required
				(EC) advisory (water quality)	
Environment Canada					
8	Miramar has committed to monitoring of permafrost in the vicinity of the North and South dams, monitoring thermistors as long as they are operational and monitoring seepage conditions to ensure design criteria are met. These monitoring measures will be further defined in the regulatory phase.		(GN) Yes, EPS	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(NRCan) Yes	
			(INAC) if part of water license	(EC) advisory (monitoring of water quality results)	
				INAC-advisory (water management)	
9	Miramar will update the modelling of water quality and water management prior to start-up as further defined in the regulatory phase, and in particular under the Water Licence.		(GN) Yes, EPS	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality/hydrology)	
			(INAC) if part of water license	(INAC) advisory (water quality)	
10	Miramar commits to consultation with EC about further development of the WMMP for songbirds, shorebirds, sea ducks and waterfowl, particularly with respect to assessing the validity of the impact predictions in the FEIS, and to take into account in consultation with EC, the recommendations contained in the Environment Canada written submission of January 18, 2006.		(GN) Yes, WA	(EC) advisory (migratory birds)	(GN) Yes
			(EC) Migratory Birds Regulations		
11	Miramar commits to collecting further baseline data on the sea ducks that occur in Robert's Bay area, and on waterfowl in consultation with EC.		(GN) Yes, WA	(EC) primary advisory (migratory birds)	(GN) Yes

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			(EC) Migratory Birds Regulations		
12	Miramar commits to the collection of further baseline data on migratory birds (sea ducks, shorebirds, waterfowl and other water birds) in Robert's Bay including the location of spring staging areas (June) and moulting areas (August). MHBLC has committed to collecting these data in 2006.		(GN) Yes, WA	(EC) primary advisory (migratory birds)	(GN) Yes
			(EC) Migratory Birds Regulations		
13	EC recommends that for point to point flying a minimum elevation of 610m be used when flying over areas with a high likelihood of concentrations of migratory birds or species at risk, and 1000m vertical and 1.5 km horizontal distance from any observed concentrations of migratory birds or species at risk. Miramar is willing to document (outline on a map and post in camp) known concentration areas of migratory birds or species at risk during each year of monitoring and follow these guidelines when logistically and practically reasonable.		(GN) Yes, WA	(EC) primary advisory (migratory birds)	(GN) Yes
			(EC) Migratory Birds Regulations		
14	Miramar will provide a tool or table that shows the correlation between the land classification cover types in the Local Study Area and the land cover types in the Regional Study Area		(GN) Yes, WA	(EC) primary advisory (migratory birds and species at risk)	(GN) Yes
			(EC) Migratory Birds Regulations and Species at Risk Act		
15	Miramar will include protection and mitigation measures for sea birds in the spill contingency response plan		(GN) Yes, WA	(EC) primary advisory (migratory birds)	(GN) Yes
			(EC) Migratory Birds Regulations		
16	Miramar will include monitoring and mitigation measures specific for short eared owls (a species of special concern)	Note from EC: GN-DOE has the primary responsibility for owls	(GN) Yes, WA		(GN) Yes
			(EC) Species at Risk Act		
17	Miramar will address the potential issue of nest predators (eg, foxes) using mine infrastructure as potential den sites, in the WMMP, and propose mitigation to limit predators from using mine infrastructure as den locations.		(GN) Yes, WA	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations	(EC) primary advisory (migratory birds)	
18	Miramar will acknowledge the biodiversity potential of the Hope Bay Belt in the WMMP		(GN) Yes, WA	(GN) Yes	(GN) Yes
			(EC) Canadian Biodiversity Strategy	(EC) advisory	
19	Miramar will contribute information regarding project related effects obtained from the WMMP to the appropriate regional authorities so that the information can be added to the knowledge base regarding mine related effects and can be used in regional land use planning (related to INAC comments and annual submission recommendations from GN, DOE and EC)		(GN) Yes, WA	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations and Species at Risk Act	(EC) advisory (migratory birds and species at risk)	
				(INAC) advisory	

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20	Miramar will gather assistance from community elders to determine appropriate locations of caribou crossings along the proposed roads (incorporate IQ)	Note from EC: EC does not have expertise in caribou. GN DoE has the primary management responsibility for caribou	(GN) Yes, WA	(GN) Yes	(GN) Yes
	Environment Canada/ INAC				
21	Miramar will commit to review internal aspects of the water quality model relating to source release rates prior to the regulatory phase, to verify predictions and correct as necessary.		(GN) Yes, EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	
				(INAC) advisory (water quality)	
	Government of Nunavut				
22	Miramar will update the Hazardous Materials Management Plan as part of its water licence application to further clarify issues such as design and operation of the landfarm to remediate any hydrocarbon contaminated soils, the treatment of collected snowmelt and precipitation runoff collected within the diesel fuel tank farm containment berm to remove any oil prior to release.		(GN) Yes, EPA	(GN) Yes	(GN) Yes
			(EC) Canadian Environmental Protection Act (1999)	(EC) advisory (pollution prevention)	
				(INAC) advisory	
23	GNDOE made 10 recommendations regarding the methods and design of different components in the WMMP. MHBL will consult with the GN DOE as well as EC in determining the most appropriate methods and measured variables for monitoring during construction, operation and closure prior to final submission of the WMMP		(GN) Yes, WA	(GN) Yes	(GN) Yes
			(EC) Migratory Birds Regulations and Species at Risk Act	(EC) advisory (migratory birds and species at risk)	
24	Miramar will monitor re-vegetation success post closure. Miramar will develop a monitoring method that is linked to other post closure monitoring	Note from INAC: This commitment will be incorporated into INAC's land lease, as part of a requirement for an approved Abandonment and Reclamation (A&R) Plan, with respect to the jetty	(GN) Yes, WA	(GN) Yes	(GN) Yes
			(INAC) Territorial Land Regulations - Land Lease (A&R Plan for jetty)	(INAC) advisory	
25	Miramar has committed to collecting caribou calf:cow ratio information during both aerial surveys and ground based surveys		(GN) Yes, WA	(GN) Yes	(GN) Yes
26	Miramar will work with the GN DOE as well as EC on further consideration of the timing and frequency of the caribou aerial survey in the WMMP		(GN) Yes, WA	(GN) Yes	(GN) Yes
				EC does not have expertise in caribou. GN-DoE has the primary management responsibility for caribou	

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27	Miramar will discuss further with the GN DOE the merits of conducting an initial population estimate for wolverine using hair snagging techniques and DNA analysis.		(GN) Yes, WA	(GN) Yes	(GN) Yes
	Health Canada				
28	Miramar commits to the collection and analyses of fish tissue samples for precautionary testing to confirm that the fish are edible by humans, immediately prior to and during the fish out of Tail Lake			HC	
	INAC				
29	Miramar commits to do all necessary site studies, thermal modelling and sensitivity analyses to ensure dam safety and stability, during the regulatory phase and prior to construction.		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(INAC) advisory	
30	Miramar commits to developing a detailed Water Quality Data Analysis and Management Plan to include procedures for: Initial start up and ongoing calibration of analytical equipment; collection, preservation, storage and handling of samples; analytical procedures (eg standard methods); checking for outliers; internal reporting and accountability for analytical data and follow up actions.		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(EC) Fisheries Act, S.36(3)	(EC) advisory (water quality)	
			(INAC) if part of water license	(INAC) advisory (water quality)	
31	Miramar commits to continue to develop the adaptive management plan to prevent and mitigate shoreline erosion as part of the regulatory (water licence) process.		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(INAC) advisory (water quality)	
32	Once the Doris North Mine is in operation Miramar will initiate additional kinetic and static test work to further characterize the acid generating - metal leaching potential of mine rock and tailings with the objective of providing additional data for adaptive management should conditions change or the mine life be extended.		(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(INAC) advisory (water quality)	
	Hatch Acres				
33	Miramar will carry out additional work prior to the start of construction to verify that the quarried rock to be used for construction will be non-acid generating. QA/QC procedures will be in place during construction to verify that the rock used is geochemically stable.	Note from INAC: As a result of the inclusion of Final Hearing Report, Appendix A, Jetty Condition #1 into INAC's Land Lease; this commitment will be covered indirectly by INAC's land lease	(GN) Yes. EPA	(GN) Yes	(GN) Yes
			(INAC) Territorial Land Regulations - Land Lease	(INAC) advisory	
	KIA				
34	Miramar will commit to revisit the TSS calculations and reassess as necessary		(GN) Yes, EPA	(GN) Yes	(GN) Yes
			(INAC) if part of water license	(EC) advisory (water quality)	
			(EC) Fisheries Act, S.36(3)	(INAC) advisory (water quality)	
	NRCan				

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35	Miramar will commit that spill containment measures will be put in place to prevent ammonium nitrate spilled during handling from being lost to groundwater or surface water runoff.		(GN) Yes, EPA	(GN) Yes	(GN) Yes
			(NRCan) Yes. Where defined in the terms and conditions of a Explosive Factory License. NRCan has no authority where AN is stored or handled in a facility not subject to the license or during transportation.	(NRCan) Yes	
			(INAC) if part of water license	(EC) advisory (water quality/pollution prevention)	
			(EC) Fisheries Act, S.36(3), Canadian Environmental Protection Act (1999)	(INAC) advisory (through water license final design plan)	
36	Miramar will consider doing additional shoreline characterization of shoreline materials around Tail Lake, including possibly drilling, test pitting, observations or geophysical testing as determined necessary to complete the final detailed designs.		(GN) Yes, EPA	(GN) Yes	(GN) Yes
				(NRCan) Yes (INAC) advisory	
37	Miramar is committed to do all necessary and reasonable monitoring after closure to ensure compliance to regulatory permits	Note from INAC: This commitment will be incorporated into INAC's land lease, as part of a requirement for an approval Abandonment and Reclamation (A&R) Plan, with respect to the Jetty	(GN) Yes, EPA	(GN) Yes	(GN) Yes
			(INAC) Territorial Land Regulations - Land Lease (A&R Plan for jetty)	(INAC) advisory	
38	Miramar will consider doing additional dam foundation characterization including possibly drilling, test pitting, observations or geophysical testing as determined necessary to complete the final detailed designs.		(GN) Yes, EPA	(GN) Yes	(GN) Yes
				(NRCan) Yes (INAC) advisory (through water license final design plan)	
List of Commitments as understood by Proponent					
NIRB					
39	Commit to have a further developed (Human Resources Plan) plan in place prior to construction including an issues resolution process for employees				
40	The Occupational Health and Safety Plan is already well advanced as guided by the WCB. Will make further improvements to specific procedures related to the work site prior to commencement of operations				
41	Inuit Employment Plan is in draft form; more work will evolve with the KIA through and during operations				
42	Community Relations Plan is a draft. We commit to further develop the plan in consultation with communities. MHL will include a community issues resolution procedure by the end of 2006				
43	Employee and Family Assistance Program will be tendered and contracted prior to the start of construction				

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44	The Education and Orientation plan focusses on preparing potential employees and their families for employment at Doris North. This will be further developed and in place for major recruitment prior to construction. Workshops will be designed and delivered in the communities				
45	Drug and Alcohol Policy is currently being implemented at Windy Lake Exploration Camp and Vancouver corporate office. It will be implemented for the Doris North Project as the first employee/contactor is hired.				
46	Wellness strategy is in draft form. It has been vetted through impacted communities that possess a Community Wellness Coordinator. It will continue to be developed with community service providers prior to construction and through the life of the mine.			HC(if desired by NIRB and GN)	
	Health Canada				
47	The 2 S/E VECs are adequate as subcategories within the VECs have also been established				
	INAC				
48	Function of SocioEconomic Monitoring Committee agreed to on Public Record and in FEIS			(INAC) advisory	
49	SEMC will track key indicators. SEMC may not be able to address the lack of baseline data, this is conditional on other agencies. SEMC will allow for the analysis of trends and input this into the adaptive management process, and be used as a template for consistent future environmental assessment			(INAC) advisory	
50	The IIBA contains provisions related to contracting preferenc. These preferences include some consideration for business within the impacted communities that are not specifically Inuit owned. MHLB essentially has a local Business Incentive Policy (BIP) in place. Bidding procedures will be communicated to businesses prior to the commencement of operations per existing commitments within the FEIS				
	KIA				
51	We would commit to providing reasonable and appropriate support to both a comprehensive Nunavut Mine Training Initiative and a potential Kitikmeot Mine Training School up to and including the use of Boston Camp as a work practicum area				
	Government of Nunavut				
52	The committee once formed will develop Terms of Reference for the SEMC			(GN) Yes	
				(INAC) advisory	
53	Terms of Reference include structure of committee and membership			(GN) Yes	
				(INAC) advisory	
54	Terms of Reference include the key indicators to be monitored by the committee			(GN) Yes	
				(INAC) advisory	
55	Terms of reference include the reporting requirements of the committee on an annual basis			(GN) Yes	
				(INAC) advisory	
56	Terms of reference include the methodology of collecting the data			(GN) Yes	
				(INAC) advisory	
57	Further development of the Community Relations Plan before construction is required to ensure clarity and confidence in issue resolution. Approval of the plan should be sought from the affected communities prior to construction.			(GN) Yes	

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58	A clear, measureable Community Investment Plan against which the Proponent's success can be measured is not applicable as the Plan is the company's choice to allocate donations. These are voluntary charitable donations and should not be regulated.				
59	Miramar has committed to deliver workshops within the FEIS. It is believed that Chamber of Commerce is not active in this region; will work with Economic Development agencies as available.			(GN) Yes	
60	Miramar has committed to develop a policy on how local businesses will be considered in the bid process. The policy must be clearly communicated to the communities prior to construction. The Proponent as part of this policy should be required to provide feedback to unsuccessful local bidders to indicate where they were unsuccessful to allow them to learn and adjust future bidding. Miramar has internal experts in procurment and bid preparation. Details of the preferential treatment of regional and Inuit business etc are already in place through the IIBA.			(GN) Yes	
61	MHBL is in consultation with the Government of Nunavut on employment and training matters. Specifically the development of a comprehensive Nunavut Mine Training Initiative. MHBL is committed to work within this initiative and provide reasonable and appropriate support up to and including the provisions of the Boston Camp as a work practicum area for potential mine trainees.			(GN) Yes	
62	Miramar does and will continue to comply with all relevant legislation on all properties (Apprenticeship, Trades and Occupations Certification Act)		(GN) Yes	(GN) Yes	
63	Miramar will focus on the agreed affected communities. Miramar does not believe that the development of employment targets is a productive means for promoting local employment in this project. Recent experience with other developers near the impacted region demonstrates that employment targets tend to promote the advancement of local hires without due consideration for their training in skills. Miramar instead is committed to hiring as many qualified persons as possible from impacted communities.			(GN) Yes	
64	Employment and training data are offered by Miramar to be included as a regular component of the Socio-Economic Monitoring Committee dataset. It is not necessary to outline this information in a separate suggested plan.			(GN) Yes	
65	The Wellness Strategy will be ongoing document up to and including the operations.			(GN) Yes	
66	The Wellness Strategy will include the specific action to be taken including how specific programs under the Strategy will be communicated to and made available to employeesand their family members as part of the further development as the Project nears construction			(GN) Yes	
67	Indicators for the Wellness Strategy have already been suggested; measurements will be provided as data are gathered.			(GN) Yes	
68	Wellness strategy data will be collected through internal measures and employee feedback			(GN) Yes	
69	Some data collected from the Wellness Strategy will feed into the socioeconomic monitoring measurements.			(GN) Yes	
70	How the proponent will work with Kitikmeot business in the area of capacity building and the Community Investment Policy are not linked as the Community Investment Policy is Miramar's donation policy				

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71	Appendix A Concerns and SEIA Addendum Response Matrix cross referencing to mitigation measures proposed in the FEIS and linkages to the Socio-Economic Monitoring Plan has been done internally and can be documented. Where applicable it will be related ti the VECs in the Socio-Economic Monitoring Plan			(INAC) advisory	
72	Miramar has agreed to further develop the baseline information as part of Socio-Economic Monitoring and welcomes assistance of the GN		(GN) Yes	(GN) Yes (INAC) advisory	
				(GN) Yes	
	Hamlet of Cambridge Bay				
73	Miramar does not have control over the formation of the socio-economic monitoring and mitigation committee for all projects in the region.			(INAC) advisory	
74	Miramar agrees to consistent data collection and analysis to allow for proper monitoring and mitigation of issues.			(INAC) advisory	
75	The SocioEconomic Committee does not have the authority to enter into an agreement with other stakeholders not members of the communities			(INAC) advisory	
76	It is not an appropriate condition of approval for MHBL to package all SocioEconomic mitigation plans except the Inuit Employment Benefit Plan in a document that would constitute a Socio-Economic Agreement between the Hamlet of Cambridge Bay and MHBL. Further it is not necessary given the commitments of Miramar and the proposed Socio-Economic Monitoring Committee.			(INAC) advisory	