TYPE "A" WATER LICENCE APPLICATION CONFORMITY ASSESSMENT
MEADOWBANK PROJECT - NUNAVUT

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
	The Applicant shall submit with the application a concise executive summary of the application and of any separate supporting document, report or study, in English, Inuktitut and Inuinnaqtun. A summary document should be presented which is to contain details of the information requested rather than general statements.			
	In complying with the NWB information guidelines, the Applicant, where practical, may combine components of the information requested in List 2.1 and 2.2 as well as the information requested in Section 3 into more concise plans to provide clarity and eliminate duplication. If this practice is considered, than the Applicant shall clearly outline, through proper referencing and clear detailed statements, how the NWB shall consider the documents that have combined elements of information. Information management is the responsibility of the Applicant. The Applicant is to guide the NWB through its application in a fluid logical manner.			
	The Applicant is to recognize that the NWB water licence application process is independent of NIRB's environmental assessment process. As such, the materials provided to NWB must be able to support the application on their own merit. If documents used during the NIRB process are also being used to support the NWB water licence then they must be submitted and adequately referenced in the NWB water license application. It is inferred that information filed at NIRB may form the basis of the design, operations, and management of the infrastructure and systems proposed in the water licence application. The Applicant is to decide in what fashion they wish to compliment the water licence application with materials filed with NIRB. Of course the Applicant is required to guide the NWB through water licensing materials with appropriate referencing of materials that may compliment the water licence			
	The Applicant is to understand that each piece of design or management correspondence shall act as a discrete stand-alone document that effectively discusses the specifics of a particular design or management plan (that is signed for authorship, and where appropriate, sealed by a qualified professional) The Applicant is to provide a CV (curriculum vita) for each signing professional as well as any other representative that intends to participate at a Public Hearing in its water licence application. The CV, partnered with the application materials and/or testimony provided, will allow the NWB to understand the weight of opinions presented through the written and verbal records.	YES		
	The NWB will not engage in an exhaustive process of conditionally approving technical reports through conditions set in a water licence. Thus it will be necessary to provide information related to design and management prior to water licence issuance. With this in mind the Applicant is encouraged to develop the design of infrastructure, and formulate management, operational, and contingency plans beyond the conceptual and intermediate phases before the submittal of a water licence application.	YES		Incineration Management and Emission Monitoring Plan not submitted. Landfill Design and Management Plan still conceptual in nature; Potential effects from the proposed landfill on VEC's and site-specific mitigative measures and monitoring should be appropriately cross referenced to include Document number, section and page number. NIRB T&C no. 10 Sewage Treatment System not selected for the project. Selection should be made and details provided for licensing.
	Through the design of a full scale operational mine, it is intuitively understood that individual designs and management plans will interconnect with one another (i.e. Site water management is a function of the structures on site set to convey waters). The Applicant is to communicate the connectivity of discrete design and management plans through discussion in the discrete designs and management plans or through a separate document that details the macroscopic view of mine component interconnectivity. A statement should be included to further clarify interlinking and cross-referencing of sub-documents. For example, if a main summary document is used to guide the reader through the application, links to sub-documents along with cross-linking between sub-documents may be required (when examining the contents of Annex A, a discrete Abandonment and Restoration (A&R) Plan is not presented. It must be understood that the Applicant is to still guide the NWB through A&R practices presented in individual reports through a covering document that outlines all components of the A&R Plan in the water licence application). Cross-referencing to all sub-documents and reference materials should include title,			Poor Cross-referencing: Information difficlut to find
	The NWB encourages and expects the Applicant to adhere to best engineering practices and sound construction methods when designing and managing infrastructure related to the use of waters or the deposition of wastes. The NWB encourages the use of ASTM standards when defining and developing project specifics in technical documents. Generally the following information should be presented, though not limited to, when submitting application designs and plans as outlined in List 2.1			
List 2.1				
i	Design rational; design requirements, design criteria, design parameters, design standards/analysis/method;			
ii	Design assumptions and the limitations associated with such design assumptions;			
iii	The inclusion of clear, definable engineering qualifiers with all design drawings and reports;			
iv	Site specific data and analysis to support the design and management decisions made;			
v	Materials that appropriately delineate the particulars of a design or plan;			
vi	Construction methods and procedures in how infrastructure will be put in place on-site.			
vii	Instrumentation and monitoring requirements of the proposed designs and plans;			
viii	Details on how facilities, structures, and plans will be operated, maintained and implemented;			

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ix	Details on chemicals or other hazardous or potentially hazardous materials that will be used and will be in contact with or may impact water either directly or indirectly;			
x	Mitigation measures that will be implemented when working in close proximity to water;			
xi	Appropriate referencing of other documents and annexed materials.			
	The Applicant should also consider that the concept of Adaptive Management includes the need to describe the methods used to assess the risks associated with uncertainty in design and management, and clearly outline the measures and quantifiable markers for when a final design decision will be made. The Applicant shall keep in mind that Adaptive Management is a flexible framework to implement final decisions through a mature intermediate design and not a "revolving door" design method that allows for multi-iterations to a preliminary design. A commitment to a final design needs to be made through the designs and plans submitted in the water licence application, or a clear defined criteria for which final design decisions will be made must be submitted when a final design can not be presented. Installing the strategy of Adaptive Management through the design and management of the Meadowbank Project can positively refine mine operations through the dynamics of scientific modeling, experimentation and monitoring to improve processes and lessen environmental impact. The NWB will consider the key decision points the			
	The NWB expects that plans and designs shall be presented where the use of water or deposit of waste will take place. The Applicant shall also consider that information must be presented where there is a potential impact through the deposition of waste, and describe the measures the applicant proposes to take to avoid or mitigate any adverse impact of the use of waters or the deposit of waste1 ; This may include, but not be limited to, the design and management of the issues in List 2.2.			
List 2.2				
i	earthwork infrastructure;			
ii	water intake facilities and how water will be withdrawn;			
iii	interim and permanent waste rock facilities;			
iv	tailings containment area;			
v	landfills;			
vi	andfarms;			
vii	fuel and chemical storage facilities;			
viii	explosives management areas and facilities;			
ix	construction materials (i.e. quarried rock);			
x	hazardous waste facilities;			
xi	site water management facilities;			
xii	wastewater treatment facilities;			
xiii	ore stockpiles and waste rock piles;			
xiv	dewatering programs;			
xv	hydrostatic testing programs;			
xvi	road, airstrip and ice road construction;			
xvii	water use;			
xviii	macroscopic site surface water and groundwater management;			
xix	spill contingency and emergency response;			
xx	interim and final abandonment and reclamation of the mine site;			
xxi	aquatic effects monitoring;			
xxii	general monitoring;			
xxiii	quality assurance and quality control;			
xxiv	geotechnical and structural monitoring			
xxv	the collection of weather data for purposes of mine design;			
xxvi	metal leaching / acid rock drainage management;			
xxvii	permafrost protection.			
	It is understood that the Meadowbank Project may not include all of the design, construction, monitoring, and management plans listed above and that other designs and management plans may be required to be submitted by the Applicant. The NWB is available to assist and provide additional guidance on each design and management plan through future interactions with the Applicant. The Applicant shall understand that there will be a requirement to provide appropriately qualified as-built construction drawings once structures have been constructed and are in operation.			
	A summary table of all monitoring commitments is to be provided that details all Surveillance Network Program (SNP) locations. The table should include, but not limited to, parameter(s), location, frequency, and mining phase, along with, cross-referencing to sub-document where detailed information was provided. Where appropriate, a map detailing location of monitoring is to be provided within the application. It is suggested that the Applicant contact Peter Kusugak, Manager of Field Operations at Indian and Northern Affairs Canada (INAC).	**y**		
	The application is to include a summary table of expected quality and quantity of waters over time in all sumps, SNP, and discharge points, along with i) if applicable, adaptive management criteria to benchmark if mitigation/contingency are to be implemented, ii) if applicable, water quality criteria, and iii) management action.	**y**		
	The Applicant is to detail what information will be included in annual reports along with a proposed layout of information that will be submitted to the NWB within the application.	**y**		

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	The Applicant is to submit a water licence application report that communicates structure design and management plans that use waters or may impact waters through the deposition of wastes. The Applicant is encouraged to develop design and management discussion through a clear methodical layout that is logical in nature. Additional information may be required from the Applicant following an initial assessment of the application by the NWB. The NWB will assist the Applicant in completing water licence application materials and recommends that the Applicant communicates with the NWB if uncertainty exists when preparing water licence application materials.	y		
	The Applicant is to file, through cover letter correspondence, a declaration of application completeness authored and signed by the Chief Executive Officer indicating that the application submitted is considered complete and the guidelines issued have been consulted.			Not Reviewed
	The NWB will not process an application that it deems to be incomplete and/or when supporting documents have not been submitted. The NWB will give the required hearing notice of no less than sixty-days after it deems the application to be complete. The Applicant shall understand that the water licence application must be a stand-alone document.			
	Although the NWB water license application is a stand alone document the Applicant must understand that it can not replace or supersede any other government regulations, territorial or federal. As such the commitments made by the Applicant to other governmental bodies (i.e. NIRB) should be described in a conformity table for all conditions pertaining to the water licence. Section 3 lists information that should also be included in the water licence application.			
	The NWB understands that the Applicant has communicated with and will provide each organization included on the NWB's distribution list with the application and determine the number of copies and the format (electronic and/or hard copies) each interested organization requires to complete their respective reviews.			
3	**Additional Information to be Considered by the Applicant**			
1	**Water Quality**			
i	Results of the assessment of the permeability of any faults beneath the northwest arm of Second Portage Lake (i.e. the tailings impoundment area);	y		
ii	Mitigation measures that can be undertaken if groundwater monitoring around the Second Portage tailings facility demonstrates that contamination from tailings has occurred through the fault;	y		
iii	Results of the re-sampling of the existing groundwater monitoring wells, which was to occur as soon as possible upon reopening the camp in 2007;	y		
iv	Revised estimates of the quality of the groundwater that will flow into the open pits, using existing groundwater data from both rounds of sampling (i.e. 2003 and 2004);	y		
v	Revised site water quality model using the updated estimates of the quality of groundwater flowing to the pits, and additional groundwater quality data collected on site. The revised water quality model should be used to assess the impacts of pit water discharges on the environment and to the develop mitigation measures for disposing of pit water of poor quality;	y		
vi	Detailed contingency plans for the treatment of turbid water during dewatering activities and/or increased suspended solids during operations (i.e rewatering);	y		More detail needed.
vii	Detailed information regarding the disposal of lake bottom sediments;	y		
viii	Detailed water treatment plans for discharges from the Tailings Impoundment Area, as well as the Vault Pit attenuation pond (on a contingency basis). Water treatment plans should include estimates of treatment efficiency for each parameter of concern and a description of pH adjustment methods;	y		
ix	Details regarding treatment of camp sewage, including the type of treatment system and the expected treatment capabilities;	y		
x	The NIRB Project Certificate requires the establishment of "receiving environment discharge criteria" for discharges into Wally Lake and Third Portage Lake. The water license application should clearly outline the proposed discharge criteria, how the criteria were developed, and how these criteria will be used to prevent ecological effects in the receiving environment as a result of reconnecting the pit lakes to the watershed (especially in regards to contaminants, major ions and nutrients);	y		To be decided by water board. MMER is a minimum national standard and any discharge at the end of pipe is to be protective of the receiving environment. A moderately sized mixing zone shouldbe included that ensures no chronic toxicity to the receiving environment. Applicant should discuss rational for using Nunavut drinking water criteria and how this will be sufficient to protect *aquatic life* in the Meadowbank project area. Table A-1 referes to RRNWT. Applicant is to clarify what guidelines are being used. EC is unaware of Nunavut drinking water guidelines, the applicant should clarify.
xi	Details regarding the effluent outfall configuration;	y		
xii	Predictions for the likely behaviour of the discharge plume;	y		
xiii	Bathymetric information for Wally Lake;	y		
xiv	Detailed treatment plans for the treatment of effluent from attenuation pond and/or reclaim pond prior to transfer to the Goose Pi	y		
xv	Discussion of the consequences of long-term stratification in the pit lakes and associated contingency plans; and	y		

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xvi	Monitoring plan for the Baker Lake collection sump, including parameters to be sampled, sampling frequency and sampling locations.		n	Management, mitigation and monitoring for Baker Lake collection sump has not been included as per NIRB condition no. 12. Where applicable details and committments outlined in the proponents Water Use and Management Plan submitted as part of the 8BC-MEA type B water license should be incorporated into Meadowbank Type A water license project proposal and any outstanding concerns raised by intervenors should be addressed. EC feels that no monitoring for Baker Lake facilities in unacceptable.
2	**Spill Contingency Plan**			
i	Detailed Spill Contingency Plan for the mine site, the all-weather road, and the marine components. The Spill Plan should include, but not be limited to, the following information:	y		
ii	Identification, description and evaluation of the potential impacts of all project-related accidents and malfunctions (i.e. types, sources, threat-risk assessment, worst-case scenarios, etc.) that may occur during each phase of the project, including, but not limited to:	y		Evaluation of potential impacts should include a discussion on the potential impacts to marine and terrestrial wildlife.
a	Spills of petroleum hydrocarbons, hazardous materials, and other contaminants of concern onto land, ice, and into marine waters (i.e. ocean/sea/salt waters), freshwaters, ground waters, and potable water supplies;		n	For each product breakdown mitigation should include more details for treatment and recovery on snow and ice, water, streams and site-specific landforms. Environmental factors need more consideration such as recovery on sandy beaches, bedrock, gravel beaches, ice covered or mixed -sediment beaches ect..
b	Explosions;		n	Cross-reference to Ammonia and Nitrate treatment methods found in other documents should be made. No mitigation for Ammonia Nitrate on snow or water. No details on how to handle an explosion on-site and tying this in with the potential of fires and/or other accidents on site.
c	Fires;		n	Burning of spilled product is mentioned as a mitigation method however more ditails are required; does proponent have a policy on burning; decision to burn? No details on decision making for when/when not to extinquish fire and how fires will be extinguished or controled, no contingency plan.
d	Transportation accidents involving aircraft, marine vessels and barges, and land based motor vehicles, including any hazardous material cargoes for all modes.	y		Require more detail on transportation accidents including fires, collisions, responding to spills from barge in Baker lake that often involves controlling slick at the source and removing product that escapes containment. Require detail on shoreline protection and recovery for Baker Lake (and lakes at mine site)
iii	Description of emergency response plans and procedures for the accidents, and malfunctions, including: the level of preparedness; safety; response capacity; and technological capability and any deficiencies or shortcomings in this regard, and indicate how the latter will be addressed. Plans should incorporate sufficient detail to understand and assess emergency preparedness and response capability; ensure emergency response plans will work; and, determine how and when plans will work.	y		
iv	Identification of communities, organizations, agencies, boards, and governmental parties (and their regulatory requirements) involved in preparing programs and identify opportunities for partnerships, coordination, and participation	y		
v	Explanation of how the Applicant will ensure project contractors meet the Applicants' due diligence standards with respect to oil and hazardous material spill prevention, preparedness, response, and restoration.	y		
vi	A timetable for when the Applicant will file the appropriate plans and procedures as required by the governmental parties.	y		
3	**Closure and Reclamation Plan**			
i	Details regarding the timing of the removal of dewatering dikes and the implications of this action on water quality; and	y		
ii	Detailed information regarding the method used to remove/breach the dewater dykes, including details of any mitigation measures for any adverse impacts.	y		
4	**Air Quality**			

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i	Monitoring plan for incinerator emissions (including, but not limited to, stack testing and annual reporting);		n	not included
ii	Detailed waste management plan; and		n	Not included
iii	Justification regarding the selection of incinerators in regards to the use of best available economically feasible technologies.		n	No done
5	**Fisheries**			
	Generally, to mitigate potential impacts to fish and fish habitat, any works or undertakings associated with the Meadowbank Project that are in or near waters frequented by fish should:			
i	Comply with the DFO legislation/policies/guidelines/Operational Statements as outlined below or noted within Section 3 of the Preliminary Guidelines for the Applicant.			
ii	Be done in manner that prevents the deposit of any materials in waters frequented by fish,			
iii	Comply with the DFO Freshwater Intake End-of-Pipe Fish Screen Guideline (March, 1995), to minimize impingement/entrainment of fish,			
iv	Comply with the Guidelines for the Use of Explosives in or Near Canadian Fisheries Waters (Wright and Hopky, 1998), whenever possible			
v	Ensure that hydrostatic testing be done in manner that prevents the transfer of aquatic species into water bodies where they do not currently frequent,			
vi	Ensure that groundwater is managed in a manner that prevents any seepage of hazardous waste materials into waters frequented by fish.			
	Site specific environmental data considerations for works in or near waters that are frequented by fish should include, but not be limited to:			
vii	Description of proposed works or undertakings (culvert crossing, bridge, intake, infilling pipeline, etc.)			
viii	Construction Plans:			
a	proposed start and completion dates			
b	methods of construction			
c	detailed site description (incl. diagrams, photos)			
d	details of materials and machinery to be used			
e	a description of types and quantities of explosives to be used, if any			
f	operation and maintenance plans			
ix	Fish and Fish Habitat Present:			
a	detailed area description (including Photographic record),			
b	description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble),			
c	presence of sensitive habitats (spawning, migration corridors etc.),			
d	description of aquatic and riparian vegetation,			
e	fish community and lifestage present,			
f	depth and watercourse width,			
g	max/min water flows, currents, tides			
h	turbidity and sediment loads (total suspended solids),			
i	sport, commercial, subsistence fishery present,			
x	Potential Environmental Effects and Mitigation Measures to Protect Fish Habitat			
a	potential effects on fish or fish habitat,			
b	area (in m2) to be impacted,			
c	measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors),			
d	measures to avoid physical impacts on habitat,			
e	measures to maintain flows and fish passage,			
f	measures to avoid sedimentation,			
xi	Compensation/Monitoring:			
a	Detailed habitat no-net-loss plan and site restoration plan,			
b	on site construction monitoring plan,			
c	post construction monitoring			
6	Transportation			
	The Applicant will also be responsible to provide formal applications to the Navigable Waters Protection Program (NWPP) for any works			
7	**Annual Reporting**			
	The annual report should include, but not be limited to, reporting of:			
i	Water related monitoring;			
ii	Comparison of water quality and quantity monitoring data to the forecasted information in the summary table attached to the application;			
iii	Implementation of the conditions in the NIRB project certificate related to NWB mandate;			
iv	Project changes under Adaptive Management; and			
v	Any actions took to resolve directions from the Inspector.			
8	**Security**			
	The Applicant is to provide an estimate of security as defined under Section 76 of NWNSRTA and Section 12 of the NWT Water Regulations. The Applicant must inform the NWB if a compensation agreement is in place as required under Section 58 otherwise an estimate of compensation as suggested under Section 60 of the Act for the Board's decision is required.			not reviewed
4	**Additional Documents to Assist the Applicant**			
	For the development of supplemental information the Applicant should be guided by, and is directed to, the following standards/guidelines/legislation that includes, but is not limited to:			
•	AWWA (American Water Works Association) - Standard Methods for the Examination of Water and Wastewater.			

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•	CCME (Canadian Council of Ministers of the Environment) – Environmental Code of Practice for Above Ground and Underground Storage Tanks Systems containing Petroleum Product and Allied Petroleum Products (2003);			
•	CCME – Canadian Environmental Quality Guidelines			
•	CCME – Canadian-Wide Standards for Petroleum Hydrocarbons in Soil			
•	DFO – Freshwater Intake End-of-Pipe Fish Screen Guide;			
•	DFO – Guidelines for the Use of Explosives In or Near Canadian Fisheries Water;			
•	DFO - Guidelines for the Use of Explosives in or near Canadian Fisheries Waters,			
•	DFO – Operational Statements			
•	DFO – Policy for Management of Fish Habitat;			
•	DFO – Practitioners Guide to the Risk Management Framework			
•	DFO – Practitioners Guide to Habitat Compensation			
•	EC (Environment Canada) – Guidelines for the Preparation of Hazardous Material Spill Contingency Plans;			
•	EC – MMER Environmental Effects Monitoring Program Protocol;			
•	EC - Canada-Wide Standards for Mercury Emissions			
•	GN (Government Nunavut) – Contaminated Site Remediation;			
•	GN – Environmental Guideline for Contingency Planning and Spill Reporting in Nunavut;			
•	GN – General Management of Hazardous Waste in Nunavut;			
•	GN – Occupational Health &Safety Guidelines;			
•	GN – Spill Contingency Planning and Reporting Regulations;			
•	GN – Environmental Protection Act;			
•	GNWT – Ice Road Guidelines;			
•	HC - The Guidelines for Canadian Drinking Water Qquality			
•	INAC (Indian and Northern Affairs Canada) – A Policy Respecting the Prohibition of Bulk Water Removal from Major River Basins in Nunavut;			
•	INAC – Mine Site Reclamation Policy for Nunavut;			
•	International Cyanide Management Code			
•	JC (Justice Canada) – Nunavut Waters and Nunavut Surface Rights Tribunal Act;			
•	JC– Territorial Lands Act;			
•	JC – Territorial Land Regulations;			
•	JC – Canadian Environmental Protection Act			
•	Federal Registration of Storage Tank Systems for Petroleum Products and Allied Petroleum Products on federal Lands or Aboriginal Lands Regulation			
•	Sulphur in Diesel Regulation			
•	Fuels Information Regulation No. 1			
•	Sulphur in Gasoline Regulation			
•	Benzene in Gasoline Regulation			
•	Interprovincial Movement of Hazardous Waste Regulation			
•	Federal Halocarbon Regulation			
•	National Pollutant Release Inventory			
•	Environmental Emergencies Regulation			
•	JC – Fisheries Act			
•	Metal Mining Effluent Regulations			
•	JC – Water Regulations (as attached to the Nunavut Waters and Nunavut Surface Right Tribunal Act) and other guidelines adopted by the NWB;			
•	NWTWB – Guidelines for Abandonment and Restoration Planning for Mines in the NWT;			
•	ASTM - Standards			
•	The Mining Association of Canada “A Guide to the Management of Tailings Facilities” (1998);			
•	CDA – Dam Safety Guidelines			
•	Navigable Waters Protection Act (NWPA)			
•	TC - Navigable Waters Protection Program (NWPP)			
•	TC – Transportation of Dangerous Goods Act/Regulations;			
•	Workplace Hazardous Materials Information System (WHMIS);			
	Copies of all guidelines referenced in this document may be available on the NWB ftp site or with Justice Canada for federal legislation and policies. The Applicant may have to contact the appropriate author of the above listed guidelines for a copy if needed.			
	The Applicant is encouraged to consult with governmental agencies on issues related with the above listed guidelines. When a guideline is used by the Applicant the NWB requests the use of well-developed statements within the body of a reports text to clearly reference where a guideline was used. Additionally, a summary table detailing what standards/guidelines was considered with reference to application section, title, and page number shall be included in the main application document. When developing discussion and the Applicant’s case, the application is to point the NWB to the appropriate section of a governmental guideline where additional information may be found. It is the Applicant's responsibility to ensure that all necessary standards and guidelines are considered in the water licence application.			
	ANNEX A			
	The NWB has prepared the attached Table of Contents (TOC) with the Applicant to guide the structure and format of the application. This TOC will act as a reference to where information, relevant to the water licence application, has been filed. Compliance to the TOC does not imply that all necessary materials to deem the application complete are submitted.			
	Meadowbank Draft TOC for the NWB Licence Application			
	Executive Summary			
	English			

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	Inuktitut			
1.0	Introduction			
2.0	Project Description			
2.1	Summary of Key Baseline Studies			
2.2	Regional and Local Setting			
2.2.1	Surface Water Regime			
2.2.1.1	Receiving lakes (lake id, hydrology, water quality); bathymetry, overland runoff			
2.2.2	Groundwater Regime			
2.2.2.1	(Hydraulic conductivity, groundwater quality)2			
2.2.2	Groundwater Regime			
2.2.2.1	(Hydraulic conductivity, groundwater quality)2			
2.2.3	Ground Conditions for Engineering Designs			
2.2.3.1	(Dewatering dikes, tailings, faults)			
2.2.4	Mine Rock Geochemistry			
2.2.4.1	Waste rock			
2.2.4.2	tailings;			
2.2.4.3	overburden)			
2.3	Mine Plan Overview			
3.0	Water Licence Activities			
3.1	Water Withdrawal Activities			
3.1.1	Camp use			
3.1.2	Mill use			
3.2	Water Diversion Activities			
3.2.1	East dike			
3.2.2	Central dike			
3.2.3	Goose dike			
3.2.4	Portage dike			
3.2.5	Walley dike			
	2 The groundwater quality model should be revised using all available data			
3.2.6	Other small dikes			
3.2.7	Ditches and sumps			
3.2.8	Lake dewatering -Vault, Second and Third Portage Lake			
3.2.9	Vault Road culvert			
3.2.10	Discharge into Walley Lake			
3.2.11	Discharge into Third Portage			
3.2.12	Dike Breach			
3.3	Waste			
3.3.1	Mine Rock Waste Piles- Portage and Vault			
3.3.2	Tailings Impoundment Facility			
3.3.3	Landfills3			
3.4	Other Licence Related Activities			
3.4.1	Baker Lake Fuel Tank Farm			
3.4.2	Baker Lake ditches and sumps			
4.0	Management Plans			
4.1	Waste Rock Management			
4.2	Tailings Management			
4.3	Water Management (incl. water balance)			
4.3.1	Water treatment (incl sewage)			
4.4	Baker and Plant Site Facilities4			
4.4.1	Fuel storage			
4.4.2	Landfill			
4.5	Landfill management5			
4.6	Emergency response and spill contingency6			
5.0	Proposed Water Quality Discharge Limits			
6.0	Environmental Monitoring Plans			
	3 The Applicant is to also detail how petroleum contaminated soils on site will be managed during operation. If this includes the use of a Landfarm facility the Applicant is to include pertinent details and design on such. 4 Incineration issues related to water licensing shall be included in the water licence application. 5 The Applicant is to detail operations and management of Landfarm Facilities if they are proposed. 6 This shall be for all operations associated with the project (i.e. mine site, roads, barging activities).			
6.1	Rock Storage Facility			
6.2	Tailings Monitoring			
6.3	Mine Site Water Quality			
6.4	Receiving Water Quality			
6.5	Waste areas (Landfill, hazardous waste, etc)			
6.6	Baker Lake Marshalling Area			