

**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.	Yes		
	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, then 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.	Yes		Recommendations in the List 2.1, 2.2 and Section 3 have not been fully addressed in the <i>Type A Water License Application</i> (Document 485); these deficiencies are discussed in details in respective sections below. In regard to the organization of the application, GN-DOE (Government of Nunavut, Department of Environment) finds information is often hard to locate in some of the supporting documents due to the absence of tables of contents. Finally, the applicant should ensure all documents referenced in the application and its supporting documents be provided. For example, the applicant makes references to the <i>Project Alternatives Report</i> on page 8-4 of the <i>Preliminary Closure & Reclamation Plan</i> , but this report is not submitted or identified in the license application.

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 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 licence 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	YES		
	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		

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
	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,		No	The GN-DOE found that on some occasions links between the main summary document and supporting documents (i.e, the <i>Type A Water License Application</i> or Document 485) as well as links between supporting documents are insufficient. This makes it difficult for reviewers such as GN-DOE to find the information needed for review.
	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	Yes		
List 2.1				
i	Design rational; design requirements, design criteria, design parameters, design standards/analysis/method;	Yes		
ii	Design assumptions and the limitations associated with such design assumptions;	Yes		
iii	The inclusion of clear, definable engineering qualifiers with all design drawings and reports;		No	Preliminary engineering designs and drawings for some of the facilities have not been submitted for review; see Line 31 to 33 for details.

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
iv	Site specific data and analysis to support the design and management decisions made;	Yes		
v	Materials that appropriately delineate the particulars of a design or plan;		No	Management details for some project components (i.e., the all-weather road, airstrip and quarries) have not been provided for review; see Line 35 and 42 below for details.
vi	Construction methods and procedures in how infrastructure will be put in place on-site.	Yes		
vii	Instrumentation and monitoring requirements of the proposed designs and plans;		No	Monitoring details for some project components (i.e., the all-weather road, quarries, and Baker Lake marshalling/storage facility) have not been provided for review; see Line 35, 42 and 82 below for details.
viii	Details on how facilities, structures, and plans will be operated, maintained and implemented;	Yes		
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;	Yes		
x	Mitigation measures that will be implemented when working in close proximity to water;	Yes		
xi	Appropriate referencing of other documents and annexed materials.		No	See Line 8 above for further comments.

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 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	Yes		
	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 waste ¹ ; This may include, but not be limited to, the design and management of the issues in List 2.2.	Yes		
List 2.2				
i	earthwork infrastructure;	Yes		
ii	water intake facilities and how water will be withdrawn;	Yes		
iii	interim and permanent waste rock facilities;	Yes		
iv	tailings containment area;	Yes		

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
v	landfills;		No.	The <i>Landfill Design and Management Plan</i> or Document 458 discusses management and design of landfills, but there is no preliminary engineering design or drawings; only a cross-section of the landfills is included in the document.
vi	landfarms;		NO	The <i>Landfarm Option Analysis</i> (Document 498) discusses management options for landfarms. Specifically, the applicant provides option analysis for locations and disposal/treatment but no information on the preferred option for disposal/treatment methodology is included. Additionally, no information is provided regarding operation/maintenance, and engineering design/drawings of the landfarms.
vii	fuel and chemical storage facilities;		NO	The <i>Hazardous Materials Management Plan</i> (Document 457) discusses management of hazardous materials (i.e, fuel and chemicals), but there is no information regarding engineering design/drawings of the storage facilities for these hazardous materials.
viii	explosives management areas and facilities;	Yes		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
ix	construction materials (i.e. quarried rock);		No	Quarry locations, volumes of quarried rock along the road, and quarrying methodology have not been provided for review. The <i>Preliminary Closure & Reclamation Plan</i> (Document 511), page 8-4 indicates that information on quarry locations along the all-weather road has been provided in the <i>Project Alternatives Report</i> ; however, this report has not been submitted for review.
x	hazardous waste facilities;	Yes		
xi	site water management facilities;	Yes		
xii	wastewater treatment facilities;	Yes		
xiii	ore stockpiles and waste rock piles;	Yes		
xiv	dewatering programs;	Yes		
xv	hydrostatic testing programs;	Yes		
xvi	road, airstrip and ice road construction;		No	Details for the all-weather road and airstrip construction are not provided (i.e., construction methodologies, volume of rock needed for construction, length of the road/airstrip).
xvii	water use;	Yes		
xviii	macroscopic site surface water and groundwater management;	Yes		
xix	spill contingency and emergency response;		No	See comments in Lines 85 to 94 below.
xx	interim and final abandonment and reclamation of the mine site;	Yes		
xxi	aquatic effects monitoring;	Yes		
xxii	general monitoring;	Yes		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
xxiii	quality assurance and quality control;	Yes		
xxiv	geotechnical and structural monitoring	Yes		
xxv	the collection of weather data for purposes of mine design;	Yes		
xxvi	metal leaching / acid rock drainage management;	Yes		
xxvii	permafrost protection.	Yes		
	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.	Yes		
	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).	Yes		
	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.	Yes		
	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.	Yes		

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 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.	Yes		
	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.	Yes		
	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.	Yes		
	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.	Yes		
	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.		No	Currently, interveners such as GN-DOE only received electronic copies from the applicant. GN-DOE recommends that hard copies of the application are provided once the application is deemed appropriate for technical review.
3	Additional Information to be Considered by the Applicant			

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
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);	Yes		
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;	Yes		
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;		No	The 2006 <i>Baseline Ground Water Quality</i> (Document 317), page 1 states additional groundwater samples were taken in 2006, but there is no mentioning of samples to be taken once the camp is reopened.
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);	Yes		
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;	Yes		
vi	Detailed contingency plans for the treatment of turbid water during dewatering activities and/or increased suspended solids during operations (i.e rewatering);	Yes		

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
vii	Detailed information regarding the disposal of lake bottom sediments;	Not applicable		The <i>Type A Water License Application</i> (Document 485), page 59 states that construction of dewatering dikes will not involve removal of lake bottom sediments; therefore, this recommendation is not relevant.
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;	Yes		
ix	Details regarding treatment of camp sewage, including the type of treatment system and the expected treatment capabilities;	Yes		
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);	Yes		
xi	Details regarding the effluent outfall configuration;	Yes		
xii	Predictions for the likely behaviour of the discharge plume;	Yes		
xiii	Bathymetric information for Wally Lake;	Yes		
xiv	Detailed treatment plans for the treatment of effluent from attenuation pond and/or reclaim pond prior to transfer to the Goose Pi	Yes		
xv	Discussion of the consequences of long-term stratification in the pit lakes and associated contingency plans; and	Yes		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
xvi	Monitoring plan for the Baker Lake collection sump, including parameters to be sampled, sampling frequency and sampling locations.			The <i>Aquatic Effects Management Program</i> , page 10-13 states that water quality monitoring related to the Baker Lake facility will not be conducted due to the localized and small-scaled impact related to this project component. The applicant should be reminded that the facility is located next to Baker Lake which is a drinking water source for the Baker Lake Hamlet; therefore, there is a need for monitoring to ensure water in Baker Lake will remain uncontaminated. Finally, the GN-DOE would like to remind the applicant that this monitoring term is a requirement under the NIRB project certificate (term & condition no. 12), and the applicant is required to fulfill this obligation during the NWB licensing stage.
			No	
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:		No	The <i>Spill Contingency Plan</i> (Document 483) doesn't discuss spill contingency related to the all-weather road and the marine components.

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
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:		No	GN-DOE is aware that this was addressed during the NIRB environmental assessment process; however, this information does not appear to have been carried forward into this license application.
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;		No	See comment in Line 86 above.
b	Explosions;		No	See comment in Line 86 above.
c	Fires;		No	See comment in Line 86 above.
d	Transportation accidents involving aircraft, marine vessels and barges, and land based motor vehicles, including any hazardous material cargoes for all modes.		No	See comment in Line 86 above.
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.	Yes		
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	Yes		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
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.		No	The <i>Spill Contingency Plan</i> (Document 483), page 1-2 indicates the applicant will ensure their contractors comply with the company policies; however, the document does not provide further details on how this will be achieved.
vi	A timetable for when the Applicant will file the appropriate plans and procedures as required by the governmental parties.	Yes		
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	Yes		
ii	Detailed information regarding the method used to remove/breach the dewater dykes, including details of any mitigation measures for any adverse impacts.	Yes		
4	Air Quality			
i	Monitoring plan for incinerator emissions (including, but not limited to, stack testing and annual reporting);	Yes		
ii	Detailed waste management plan; and	Yes		
iii	Justification regarding the selection of incinerators in regards to the use of best available economically feasible technologies.	Yes		
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:	Not assessed		
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.	Not assessed		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
ii	Be done in manner that prevents the deposit of any materials in waters frequented by fish,	Not assessed		
iii	Comply with the DFO Freshwater Intake End-of-Pipe Fish Screen Guideline (March, 1995), to minimize impingement/entrainment of fish,	Not assessed		
iv	Comply with the Guidelines for the Use of Explosives in or Near Canadian Fisheries Waters (Wright and Hopky, 1998), whenever possible	Not assessed		
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,	Not assessed		
vi	Ensure that groundwater is managed in a manner that prevents any seepage of hazardous waste materials into waters frequented by fish.	Not assessed		
	Site specific environmental data considerations for works in or near waters that are frequented by fish should include, but not be limited to:	Not assessed		
vii	Description of proposed works or undertakings (culvert crossing, bridge, intake, infilling pipeline, etc.)	Not assessed		
viii	Construction Plans:	Not assessed		
	a proposed start and completion dates	Not assessed		
	b methods of construction	Not assessed		
	c detailed site description (incl. diagrams, photos)	Not assessed		
	d details of materials and machinery to be used	Not assessed		
	e a description of types and quantities of explosives to be used, if any	Not assessed		
	f operation and maintenance plans	Not assessed		
ix	Fish and Fish Habitat Present:	Not assessed		
	a detailed area description (including Photographic record),	Not assessed		
	b description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble),	Not assessed		
	c presence of sensitive habitats (spawning, migration corridors etc.),	Not assessed		
	d description of aquatic and riparian vegetation,	Not assessed		
	e fish community and lifestage present,	Not assessed		
	f depth and watercourse width,	Not assessed		
	g max/min water flows, currents, tides	Not assessed		
	h turbidity and sediment loads (total suspended solids),	Not assessed		

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
	i sport, commercial, subsistence fishery present,	Not assessed		
x	Potential Environmental Effects and Mitigation Measures to Protect Fish Habitat	Not assessed		
a	potential effects on fish or fish habitat,	Not assessed		
b	area (in m2) to be impacted,	Not assessed		
c	measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors),	Not assessed		
d	measures to avoid physical impacts on habitat,	Not assessed		
e	measures to maintain flows and fish passage,	Not assessed		
f	measures to avoid sedimentation,	Not assessed		
xi	Compensation/Monitoring:	Not assessed		
a	Detailed habitat no-net-loss plan and site restoration plan,	Not assessed		
b	on site construction monitoring plan,	Not assessed		
c	post construction monitoring	Not assessed		
6	Transportation	Not assessed		
	The Applicant will also be responsible to provide formal applications to the Navigable Waters Protection Program (NWPP) for any works	Not assessed		
7	Annual Reporting			
	The annual report should include, but not be limited to, reporting of:			
i	Water related monitoring;	Yes		

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
ii	Comparison of water quality and quantity monitoring data to the forecasted information in the summary table attached to the application;			Section 7 of the <i>Aquatic Effects Monitoring Program</i> indicates water quality monitoring results at receiving environment will be compared against baseline data/control sites, but it is unclear if the monitoring results will also be compared against water quality objectives. The <i>Water Quality Predictions</i> report (Document 516) predicts water quality at receiving environment will meet both MMER and CCME guidelines, but it is not clear if these two guidelines are the objectives that the applicant plans to achieve. It is important that the applicant compares the monitoring result to both baseline/control, and water quality objectives to ensure local water quality will not be significantly compromised, and will be maintained at an approved standard.
iii	Implementation of the conditions in the NIRB project certificate related to NWB mandate;		No	This recommendation is not stated in the license application or its supporting documents in the context of annual reporting.

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
iv	Project changes under Adaptive Management; and		No	This recommendation is not stated in the license application and its supporting documents in the context of annual reporting.
v	Any actions took to resolve directions from the Inspector.		No	This recommendation is not stated in the license application and its supporting documents.
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.	Yes		
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.			
	• 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;			

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
	• 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 Quality			
	• 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			

Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007		YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
	• 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.			

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 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			
	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			

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
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			

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
3.3.2	Tailings Impoundment Facility			
3.3.3	Landfills ³			
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 Facilities ⁴			
4.4.1	Fuel storage			
4.4.2	Landfill			
4.5	Landfill management ⁵			
4.6	Emergency response and spill contingency ⁶			
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)			

	Nunavut Water Board Preliminary Guidelines for Applicant - Agnico-Eagle Mines Ltd. – Meadowbank Project Dated: 14 March 2007	YES	NO	REVIEWING PARTIES COMMENTS [Enter Party]
6.6	Baker Lake Marshalling Area			