

October 23, 2009

*Via Email - sautut@nirb.ca*

Stephanie Autut  
Executive Director  
Nunavut Impact Review Board  
P.O. Box 1360  
Cambridge Bay, NU X0B 0C0  
Phone: (867) 983-4600

Dear Ms. Autut,

**Re: Meadowbank Project Certificate No.004 – Proposed Installation of a Wind Power Data Collection Tower**

Agnico-Eagle Mines Limited – Meadowbank Division (AEM) is proposing to install a wind data collection tower at a site located near km 102 on the Meadowbank All Weather Access Road. This tower would be used to collect wind speed and wind direction data at an altitude of approximately 60 meters above ground level for a period of approximately 2 years. The data collected would be used by AEM and its consultants to determine the technical and economic feasibility of using wind turbine technology as a secondary power source at the Meadowbank Project. AEM is requesting via this letter that the Nunavut Impact Review Board (NIRB) conduct a screening of this proposal to determine whether or not an amendment to Project Certificate No.004 may be required. Through separate letters AEM has applied for approval for this proposal from the KIA and for a conformity review by the NPC.

The proposed data collection tower would be 62.5 meters in height and constructed of tubular steel and lattice (similar to a radio transmission tower). The tower would be secured to the ground using a base consisting of a 4' by 4' steel plate anchored to the ground with steel rods drilled into the ground at each corner of the steel plate. The tower would be secured against wind movement using three sets of guy wire anchors set at a 120 degree angle between each set. These guy wires will consist of 6 anchoring cables set at 25 m (3 cables) and 50 m (3 cables) radius from the tower base (see pages 14, 15, 16 and 17 of the attached DACA System tower installation guide attached as Attachment A for a visual representation of the proposed anchor system). The cables will be tightened using turnbuckles.

The location of the proposed data collection tower is at a site located about 250 m off of the existing all weather access road at km 102. The proposed location of the tower is shown in the two Figures attached to this letter.

The tower base (referenced as SP0072\_Nunavut) would be located at the following coordinates:

- ✓ UTM 14W 635192, 7217908
- ✓ 65° 3' 25.7"
- ✓ 96° 7' 32.8"
- ✓ The base of the tower would be at 193 m elevation
- ✓ The top of the tower would be at 255.5 m elevation
- ✓ Height of tower is 62.5 m
- ✓ Anchor radius of 50 m from base of tower

This data collection tower is intended to be temporary structure to be removed once the wind power feasibility study is complete.

In early October of 2009 AEM through its consultant sought the advice of NAV Canada regarding the potential safety concerns to aviation through the placement of this data collection tower and AEM have used this advice in selecting this proposed site. The communications with NAV Canada are attached as Attachment B to this letter.

Construction of this wind power data collection tower is proposed for end of 2009 to allow data collection to start as soon as practically possible.

It is AEM's opinion that while this proposed wind power data collection tower represents a change from the Meadowbank Project as reviewed during the NIRB processes it is not a significant change and will not change the environmental impact of the Project in any significant manner. All construction impacts will be mitigated by dedicated monitoring and sediment/erosion control measures during construction.

Should you have any questions or require any further information on the project proposal, please contact me directly at [stephane.robert@agnico-eagle.com](mailto:stephane.robert@agnico-eagle.com).

Regards,

**Agnico-Eagle Mines Limited – Meadowbank Division**



Stéphane Robert  
Environment Superintendent

*Encl (2 Figures & Attachments A & B)*



cc: Luis Manzo, Kivalliq Inuit Association - [Imanzo@kivalliqinuit.ca](mailto:Imanzo@kivalliqinuit.ca)  
Brian Aglukark, Nunavut Planning Commission - [aglukark@npc.nunavut.ca](mailto:aglukark@npc.nunavut.ca)

---

**Regional Office:**  
20, Route 395  
Cadillac, Quebec  
J0Y 1C0  
Tel: 819-759-3700 Fax: 819-759-3663

---

**Baker Lake Office:**  
P.O. Box 540  
Baker Lake, Nunavut  
X0C 0A0  
Tel: 867-793-4610 Fax: 867-793-4611