

July 12, 2006

NOVA SCOTIA
ENVIRONMENT AND LABOUR
P. O. Box 697
Halifax, Nova Scotia
B3J 2T8

ATTENTION: The Honourable Mark Parent, Minister

***Environmental Assessment – 10 Megawatt Wind Power Project,
Lingan Addendum***

Dillon Consulting Limited, on behalf of Glace Bay Lingan Wind Power Limited (GBLWP), has prepared the following addendum to the above environmental assessment in response to the June 5, 2006 letter requesting additional information on the project

Glace Bay Lingan Wind Power Limited shall provide a map(s) and a written description of the basic project details. This should include, but not be limited to: the proposed location of the five turbines, 1.6 km access roads, interconnecting cables, and connection to the Nova Scotia Power grid.

The facility will consist of five 2 MW wind turbines constructed between Hinchey Avenue and the shoreline. The turbines will be connected to the NSPI grid at Lingan. The area of the site chosen for the wind farm is approximately 44.8 ha. The proposed locations of the turbines and associated infrastructure are shown in Figure A-1.

The turbines will be connected by approximately 1.6 km of cables that will be buried approximately one metre below the surface. The anticipated location of these cables is shown in Figure A-1. Each turbine has its own transformer that will raise the current to a distribution level voltage of 25 kV. Each transformer has its own catch basin and spill containment. The individual turbine transformers are connected via cables to a main transformer/substation that raises the voltage to 69 kV for interconnection with the NSPI grid. Interconnection will occur at the Lingan 109S substation (Figure A-1). The substation transformer has its own containment system with oil/water separator.

GBLWP will construct approximately 1.6 km of roads to access the site and to connect the turbines (Figure A-1). The all season roads will be constructed on the lands wholly owned by GBLWP and in accordance with our EPP. The maximum slope of the access roads will be no greater than 6%. The roadbed will be constructed to permit a maximum axle load of 12 tonnes.

The disturbed area associated with each foundation will be approximately 25 m in diameter.

A clear depiction - maps, written description, recent air photos - of project components relative to features such as the anemometer tower, WWII observation post, closest watercourse and water-bodies, is also required.

The features are shown on Figure A-2 in relation to the project components described above. The closest watercourse (a drainage ditch from the Lingan colliery settling pond) to the project is 400 m west of the site (see Plates 3, 4 and 5). Also outside the site boundary is a settling pond associated with the former Lingan colliery and a wetland approximately 200 m south and 1.3 m west of the site respectively. These areas will not be affected by the project because they do not drain the area. Plate's 1 and 2 also show the small pond located 115 m north of turbine #6. The watercourse and the pond shown on the enclosed plates will not be affected by the construction or operation of the turbines as site run-off, particularly during construction, will be controlled in accordance with GBLWP's Environmental Protection Plan.

A property map should be provided, including the Property Identification Number(s) (PID); large-scale original base map(s) (1:10,000-1:12,500 scale preferred). In addition, a description of the proximity to affected communities including the number of residences within intervals of 500 m, 1 km, 1.5 km and 2.0 km, is required. Any issues, or concerns raised by local residents and how the company proposes to address these issues, should be discussed.

The project site is located approximately 1.5 kilometres east of New Waterford and 1.2 kilometres north of the community of Lingan. A property map showing the PIDs of all properties within 2.0 kilometres of the turbines is attached. Based on this mapping the number of properties within each of the above intervals are as follows:

Interval	Number of PIDS	Number of Structures ¹
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¹ Mapping does not distinguish type of structure.
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500 m	29	1
1 km	74	2
1.5 km	226	73
2.0 km	728	415

As stated in the EA, an open house was held on June 2, 2005 in Lingan to present preliminary plans for the project and to solicit comments related to the project from local residents and stakeholders. In total, 30 people attended the information session. Issues regarding birds and noise levels from the turbines were discussed. No specific concerns related to the project were raised. No changes to the project were required as result of the public meeting in Lingan. Furthermore, GBLWP has had meetings with Cape Breton Regional Municipality and the public regarding zoning requirements for the Lingan site. GBLWP is not aware of any outstanding public issues or concerns raised in this process.

Until GBLWP received a copy of the comments from the public review period the company was not aware of any issues or concerns raised by local residents. With respect to the NSEL Communication Form contained in the comments, GBLWP completed spot background noise measurements in 2005 and reported the results at the Lingan open house. The locations and noise levels are shown in Figure A-2. Based on these findings, it is highly unlikely the turbines will be distinguishable from the background noise from the Lingan Generating Station. Had GBLWP been made aware of any concerns, this information would have been freely provided to the interested party.

GBLWP dispute many of the assertions related to the project made by Janet and Bruce Fraser in their letter of May 30, 2006. GBLWP negotiated with the Frasers in good faith with the full and documented understanding that there were always two turbines proposed for the Fraser lands and they were always Enercon E70s. Despite prolonged negotiations, GBLWP was unable to come to commercial terms with the Frasers, and thus their lands are not involved in any way with this project. Following the conclusion of negotiations, GBLWP has received no further communications or concerns from the Frasers.

GBLWP have always been and will continue to be receptive to public comments and concerns with the project when they have been made aware of them. When GBLWP receives comments or issues by local residents it will meet with the resident to review and understand the issue and provide the resident with information on the project

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specific to the concern. In some cases, GBLWP may direct the resident to others involved with the project, e.g., consultants, suppliers if it doesn't have the relevant information. A contact report will be maintained by GBLWP to document the concerns and the actions taken.

Glace Bay Lingan Wind Power Limited shall provide proof of either ownership of the site or a lease or other written agreement or option with the landowner or occupier to enable the company to conduct the activity on the site.

See attached.

In addition, to the requested information, GBLWP is also providing information on turbine lighting and wetlands as requested by Ms. Helen MacPhail of the Environmental Assessment Branch.

Turbine Lighting

GBWLP continues to research lighting that will meet both EC's concerns and the TC's flight safety requirements for the lighting and is continuing dialogue with both EC and TC to develop an agreed lighting plan for the project. GBLWP is concerned with the use of white strobe lights as they have a significantly higher failure rate than the red flashing lights leading to concerns around aeronautical safety. Newer red flashing lights are now LED based and exceedingly reliable resulting in less down time.

GBLWP, EC and TC are currently communicating and we anticipate that a meeting to discuss turbine lighting will be held in the next 2 to 3 weeks.

Wetlands

In response to Condition 4.1 of the Environmental Assessment Approval for the 4 MW project on the same site that required additional information related to wetlands, we requested clarification of the site conditions from John Gilhen. Our response to NSDNR resulting from our discussions with Mr. Gilhen are attached. We have also enclosed an aerial photo of the area indicating the locations Mr. Gilhen addressed (shown as Seasonally Wet Barrens Areas). As well, we have initiated contact with Terry Power of

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NSDNR's Coxheath office to arrange for a meeting on site to confirm the absence of wetlands on the project site.

Yours truly,

DILLON CONSULTING LIMITED

Robert Young, M.Sc., P.Geo.
Project Manager

RB Y:dmf
enclosure

cc: L. Galanov – Glace Bay Lingan Wind Power Limited
Our File: 05-4359-0200



Plate 1 Pond looking southeast



Plate 2 Pond, looking northeast



Plate 3 Outlet of drainage ditch west of Turbine #7











Plate 4 Drainage ditch looking east



Plate 5 Drainage ditch looking upstream

Figure A-1
Infrastructure Map

Legend

-  Overhead Electrical (Existing)
-  Underground Electrical
-  Access Roads
-  Anemometer Tower (Temporary)
-  Phase 1 Turbines (Previous Registration)
-  Proposed Phase 2 Turbines (Turbines 2 - 6)
-  Project Parcels
-  Property Parcels

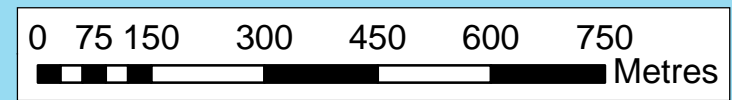
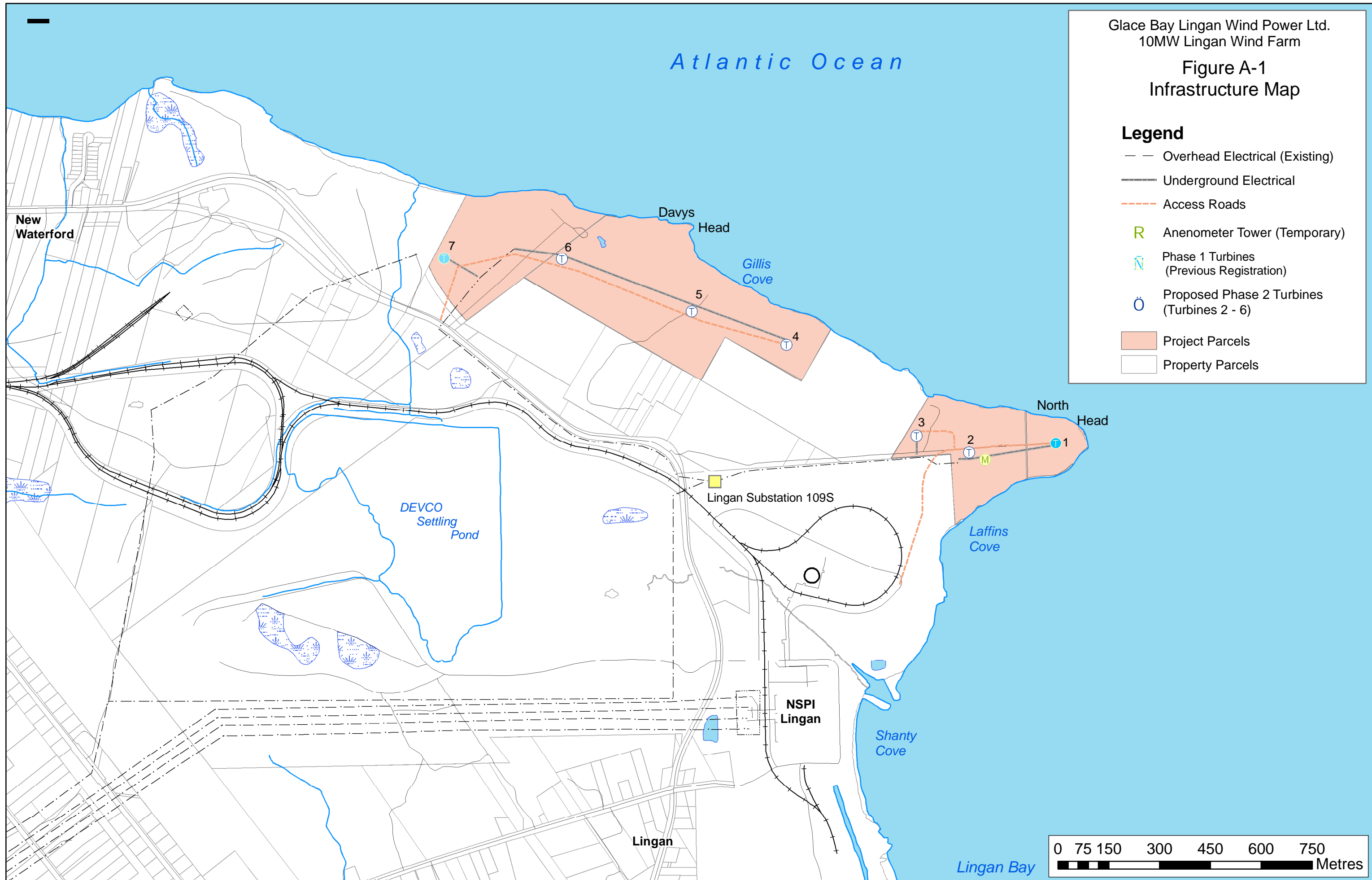







Figure A-3
Project Components and
Selected Natural Features-
Western Portion of the Project

-  Proposed Turbines
-  Existing Turbine
-  Access Roads
-  Contours
-  Seasonally Wet Area



0 50 100 200 300 400 500
Metres