

**Appendix H:**  
**Environmental Protection Plan**

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November 2017  
Richibucto Wind Project

# Environmental Protection Plan

## *Richibucto Wind Project*

## Introduction

This report details the Environmental Protection Plan (EPP) for the construction, operation and maintenance of the Richibucto Wind Project, located in Kent County, New Brunswick, Canada. Natural Forces Wind Inc. (the Proponent) aims to address potential impacts that the project may have on valued ecological components, such as but not limited to, water quality, wetlands, wildlife habitat and potential migratory birds.

The EPP specifically includes management plans for:

- i. Domestic and Hazardous Waste Management
- ii. Erosion and sedimentation control plans;
- iii. Sulphide bearing materials and acid drainage;
- iv. Migratory bird and habitat protection;
- v. Spill contingency; and
- vi. Emergency Response.

The EPP is produced by the Proponent for the project. Persons using this plan are advised to familiarize themselves with the purposes of the Plan and their obligations under the relevant legislation. Any amendments will be issued by the Proponent and the project manager will ensure that all copies will receive amendments.

## Scope of Construction Work

The project is the construction of a wind farm consisting of one wind turbine generator (the “WTG”), WTG foundation, WTG transformer and MV switchgear, cabling, a road, crane pad and auxiliary plant.

There will be three main work packages for the construction of this wind farm:

1. The civil works will consist of the following:
  - a. Construction of the site road, crane pad, turning areas and component laydown areas; and
  - b. Excavation, sand placement and backfilling of cable trenching.
2. The WTG works will include the following:
  - a. Excavation works for turbine foundation;
  - b. Design and construction of turbine foundation;
  - c. Backfilling post construction of reinforced concrete turbine foundation; and
  - d. Install and commission the wind turbine and SCADA system.
3. The electrical works will consist of the following:
  - a. Design of the electrical works; and
  - b. Installation of site cabling, WTG and trench grounding, placing and terminating all the cables and commissioning the electrical works.

## Employer

The employer is Oinpegitjoig Wind Limited Partnership, 1801 Hollis Street, Suite 1205, Halifax, NS, B3J 3N4. Oinpegitjoig Wind Limited Partnership is a partnership between Natural Forces Wind Inc. and Pabineau Indian Band. The employer's construction representative for the project is Don Bartlett.

## Location

The Richibucto Wind Project is located in Kent County in the Town of Richibucto, located approximately 3 km southeast of the Town Centre.

## Environmental Protection Plan Objective

This EPP serves to guide the Contractor during the construction phase of the Richibucto Wind Project installation so as to avoid or minimize environmental impacts of the proposed works. It is the Contractor's responsibility that all works are undertaken in an environmentally safe and responsible manner, in compliance with all relevant Provincial, Federal and Municipal laws, bylaws and regulations. The EPP also serves as a guide to avoid or minimize environmental impacts throughout the operation and maintenance phases of the project.

## Timeline

Pre-construction activities are scheduled to start in Q1 of 2018 and the estimated timeline for commissioning is December 2019.

## Spill Contingency Plan

### Objective

This contingency plan reflects on potential accidents and malfunctions during project work. The Canadian Standards Association publication, *Emergency Preparedness and Response*, was used in developing this plan.

### Spill response procedures

The Contractor shall ensure spill kits accompany each piece of heavy equipment / machinery and that there is adequate supplies in each kit to address the worst-case scenario in which a spill could occur on the ground, in surface water or in groundwater. All spills or leaks such as those from machinery or storage tanks must be promptly contained, cleaned up and reported. Within a week of the accidental spill or leakage, a report will be submitted to the Department of Environment and Local Government. The report will outline:

- The cause of the release,
- Adequacy of the response to the release by the persons responsible,
- Plans to remediate land that was directly impacted,
- Manners of collection and dispose of the contaminant, and;
- Plans to prevent a reoccurrence of the unauthorized release.

### Emergency contacts

All accidental spills and leaks shall be reported to the Department of Environment and Local Government's Moncton Regional Office at (506) 856-2374 and the environmental emergencies reporting system (Maritime Provinces 1-800-565-1633).

### Emergency Response

The following provides contact numbers in the case of emergencies involving: worker safety, public safety and environmental emergencies.

#### Emergency Contact List

<b>Organization</b>	<b>Contact Name</b>	<b>Contact Number</b>
Fire Department	-	911
Ambulance	-	911
RCMP Police	-	911
Richibucto RCMP	-	506.523.4611
Natural Forces Project Manager	Don Bartlett	902.422.9663
Stella Maris de Kent Hospital	-	506.743.7800
DELG Moncton Office	-	506.856.2374
Canadian Coastguard	Environmental Emergencies	1.800.565.1633
Archaeology Services Branch	-	506.453.2738