

**Zero Emission Energy Developments, Inc.**  
**Investigation Plan**  
**Shinish Creek South**  
**Licence of Occupation**

**1. Project Overview**

**1.1 Project and Purpose**

The potential wind power project is West of Summerland, BC. An investigative Use Permit for the same site has already been approved (3411769) under Zero Emission Energy Developments, Inc. Once the Licence of Occupation is approved one or more Meteorological Towers (MET) will be erected on the site to measure and record wind data. This Investigate Plan document is part of the Licence of Occupation application.

**1.2 Location**

The site is located approximately 25 KM West of Summerland, BC. Potentially, the MET towers will be located at any of the five (5) locations listed below:

Site 1 – 49° 38' 24.2" N Latitude and 120° 8' 33.4" W Longitude (WGS84 datum)

Site 2 – 49° 37' 43.4" N Latitude and 120° 8' 39.9 "W Longitude (WGS84 datum)

Site 3 – 49° 37' 56.2" N Latitude and 120° 8' 5.3" W Longitude (WGS84 datum)

Site 4 – 49° 38' 34.3" N Latitude and 120° 9' 0.4" W Longitude (WGS84 datum)

Site 5 – 49° 38' 20.2" N Latitude and 120° 8' 39.6" W Longitude (WGS84 datum)

**1.3 Size**

For each MET tower installation the total area required for the Licence of Occupation is 10,000m<sup>2</sup> or 1 hectare. This area will be 100m x 100m square with the tower located at the center. Maps of each of the five (5) areas are included in the Licence of Occupation application. As required all five (5) MET towers are located within the Investigative Use Permit area.

**1.4 Main Features**

The MET tower is 60M tall and has wind measuring capabilities at 40M and 60M. Wind frequency, direction and speed are measured at each height. Data is recorded on site using a data logger. The MET tower is anchored by twenty-four (24) guys installed at six (6) different heights.

**1.5 Construction Schedule**

The construction schedule for all works is unknown at this time.

### 1.5 Project Description

Potentially the site will be the location of a wind power generating station. Initially the wind generation plant will have a nameplate capacity of 15MW or less, but may be expanded into a larger nameplate capacity site depending on the wind resource in the area.

The MET Towers will have non-intrusive foundations and will have minimal impact on the surrounding area. It is unknown at this stage if geological or archaeological assessments are required for the Pennask East site.

Alastair King

A handwritten signature in black ink, appearing to read 'AK', with a long horizontal flourish extending to the right.

President and CEO  
Zero Emission Energy Developments, Inc.

Date

July 19, 2011