

**NUMBER NINE WIND FARM  
MDEP NRPA/SITE LOCATION OF DEVELOPMENT COMBINED APPLICATION**

Section 21.  
Air Emissions

## **SECTION 21. AIR EMISSIONS**

### **21.1 AIR QUALITY**

Air quality will not be degraded by construction of the proposed Number Nine Wind Farm (Project). Construction activities may cause temporary effects on air quality in the form of exhaust from construction vehicles, dust from unpaved roads, and the use of temporary, portable concrete batch plants. However, these effects will be minimal due to the location of the Project in a rural environment and the limited duration of construction in any one place.

Dust during construction of the Turbine Area would be the most likely form of air emission. The level of dust created by construction equipment is expected to be similar to existing ongoing logging operations in the vicinity of the Project. No treatment is generally applied except where safety and visibility are problematic. Some areas, such as along Number Nine Road, may be treated with calcium chloride, water, or other approved dust control agents where dust may be a nuisance to nearby residents. This is generally expected to be on an as-needed basis.

The Project will include up to three temporary portable concrete batch plant sites, in T9R3, T8R3, and E Township. The batch plants will be required to furnish concrete for the construction of the turbine foundations. The aggregates, cement, and water required for the operation of the batch plant is to be obtained from offsite sources. The concrete batch plants would be compliant with the conditions of Chapter 164, and Number Nine Wind Farm will submit an application with Notification of Intent to Comply attesting to their formal agreement to abide by the conditions of Chapter 164.

Dust during construction of the two segments of the electrical generator lead line (North Generator Lead Line and Bridal Path Generator Lead Line) is not anticipated. If slash from clearing for the generator lead is burned for disposal, there will be temporary emissions from the smoke. Potential airborne dust from passing vehicles would be reduced because soils are expected to be covered with organic matter, including forest duff and leaves.

There are no sources of emissions associated with the operation of the Project that will require an air license.