

16.0 WATER SUPPLY

16.1 WATER SUPPLY REQUIREMENTS

The Bingham Wind Project (project), as proposed by Blue Sky West, LLC and Blue Sky West II, LLC (Applicants),¹ will not require water supply for the operation of the wind turbines, the electrical equipment, or the generator lead. The only on-going demand for water at the project will be at the Operations and Maintenance (O&M) building, which will have drinking water and bathroom facilities, a shower for the staff, and hose bibs for routine maintenance needs. A septic system design by a State of Maine Licensed Site Evaluator has been sized to accommodate 345 gallons per day of flow and is included in Section 17 of this application. A private water well will be drilled on-site to supply potable water to the O&M building. During construction, the Applicants or their contractors will supply drinking water for workers and water for dust abatement on the gravel access roads and other construction needs.

16.2 WELL LOCATION

The domestic water supply well will be located near the O&M building site. Maine Geological Survey mapping indicates that there are significant sand and gravel aquifers underlying the area of the O&M building site (see Section 15). Adequate water supply for the O&M building can be provided by a small, residential-scale well. Based on initial investigations of the modest needs of the O&M building, it is unlikely that there would be any significant impacts to the local water bodies. Exhibit 16A includes a letter from Pine State Drilling indicating that a well could be drilled at the O&M building location in accordance with state regulations.

16.3 CONSTRUCTION WATER SUPPLY

During construction, the Applicants (or their contractors) will supply drinking water for workers and water for dust abatement on the gravel access roads. Drinking water will be provided as bottled water. Dust abatement water (up to 20,000 gallons per day, spread by tanker trucks) will be drawn from publicly accessible, off-site non-potable water sources at Kingsbury Pond and Foss Pond and will not include streams, brooks, or groundwater sources. Surface water withdrawals will be done in accordance with reporting requirements in 38 M.R.S.A. section 470-B, and if applicable, pond water level regulations in 06-096 Chapter 587.

¹ Blue Sky West, LLC is the wind energy project entity; Blue Sky West II, LLC is the electrical generator lead entity.

Exhibit 16A: Well Drilling Suitability Letter

Pine State Drilling, Inc
PO Box 196
Athens, ME 04912
207-654-2771
mail@pinestatedrilling.com

To whom it may concern:

This is concerning a site located at Route 16 and 151. We have drilled in this area and found ample amount of water. Minerals found in this area are indicative to the state of Maine.

Please contact Barry or Chad for any further information at 207.654.2771.

Thank you


Barry Sandford