

Model CERTIFICATION

The PWS 4221000 provides this certification to MassDEP that its proposal to construct and maintain wind and solar energy projects will have no significant adverse impact on its present and future ability to provide continuous adequate service to consumers under routine and emergency operating conditions, including emergencies concerning the contamination of sources of supply, failure of the distribution system and shortage of supply. If this proposal is for Zone I, PWS 4221000 also certifies that the wind and/or solar energy project will have no significant adverse impact on water quality and that the energy generated by the facility will be used to benefit, either by direct consumption or by other means, the operation of the public water system.

Note: The public water supplier may need to seek additional approvals from other entities and/or MassDEP, including, but not limited to, municipal approval, legislative approval pursuant to Article 97, and MEPA approval pursuant to 301 CMR 11.00.

In support of this proposal the PWS is attaching the following:

- The location of the public water system source; water supply protection areas; and depth to ground water.
- Project footprint; new easements or roads; existing water system structures.
- A description of the wind or solar infrastructure proposed for the site.
- The estimated schedule and duration for the construction of the project.
- The type of soils, vegetation, and slopes in the project area; the location and amount to be disturbed; and the method of soil/slope stabilization during and after the project.
- The location and amount of pervious surface that will be changed to impervious surface and a description of how stormwater will be managed on the site.
- A list of expected coolants, lubricants, cleaning products and other potential contaminants associated with the construction and maintenance of the infrastructure.
- Descriptions of any wash water disposal practices and/or equipment used at the site.
- Description of emergency response procedures (e.g. fire safety measures) in place.
- For projects located within the Zone I, an explanation of how the energy generated will benefit the operation of the public water system.

PWS 4221000 also certifies that the proposal will meet the following conditions:

- All exposed soils and slopes shall be stabilized with erosion controls during and after construction until vegetation is established.
- Vegetation related to the facility shall be managed through mowing or other mechanical means or with native plantings if possible. If pesticide use is necessary for employee safety, such as to control poison ivy, the application shall comply with local, state, and federal requirements. There shall be no application of pesticides or fertilizers in the Zone I.
- There shall be no oil, hazardous materials, cleansers or other potential contaminants stored on-site in the Zone I. If these materials are stored on-site in Zones II and III and in Zones A, B, and C, they shall properly labeled, covered and contained.
- Disposal of wash water at the facility shall be avoided or minimized to prevent contamination of ground or surface waters and will comply with any applicable regulatory requirement (including underground injection control registration).

- Emergency response procedures shall be developed by the public water system in conjunction with any contractors, operators, and/or lessees.
- The public water supplier shall notify MassDEP within 30 days of project completion.

Kevin H. Johnson [signature] Date: 2/11/2016

Title: Superintendent for the 4221000 Public Water System
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