# Cassadaga Wind Project

Towns of Arkwright, Charlotte, Cherry Creek, and Stockton - Chautauqua County, New York

Article 10 Application

**Figure S23-2: Groundwater Aquifers and Recharge Areas**

September 2016

- USGS/NYSDEC Groundwater Quality Sampling Well
- Water Well (NYSDEC Data)
- Direction of Groundwater Flow
- Principal Aquifer
- Wind Turbine
- Permanent Meteorological Tower
- 115 kV Generator Lead Line
- Underground Collection Line
- Overhead Collection Line
- Access Road
- O&M Building
- POI Substation
- Collection Substation
- Laydown Yard/Staging Area
- Facility Site
- Parcel Boundary
- Town Boundary
- Village Boundary

**Notes:**
1. Basemap: "USGS TNM Topo Base Map" displayed via the USGS Topo Map Service; Chautauqua County parcel data.
2. If Facility construction requires use of a temporary concrete batch plant, it will be located at the Laydown Yard/Staging Area.
3. This is a color graphic. Reproduction in grayscale may misrepresent the data.

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* Groundwater recharge areas have not been mapped at this time. As indicated the Preliminary Geotechnical Assessment by GZA, groundwater recharge zones are typically present at local topographic highs. Additionally, the aquifers present in the valleys are generally recharged along the margins of the valleys.

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USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data