



**To:** Seth Wilmore, Bill Spencer  
 EverPower **EDR Project No:** 14048

**From:** Ben Brazell, Dan Barbato

**Date:** February 22, 2016

**Reference:** Cassadaga Wind Project – Private Well Survey

**Comments:**

To assist in identifying hydrologic resources in the vicinity of the proposed Cassadaga Wind Project, Section 2.23(a)(2) of the Public Scoping Statement for the Article 10 Application reads, in part:

“In addition, private wells will also be identified by sending a well survey to all residences/businesses located within a 1-mile radius of the proposed facility. A list of all those provided a well survey will be included in the Article 10 Application, along with a corresponding GIS-based parcel map. However, the Applicant cannot guarantee that a response to all (or even a majority of the) surveys will be received.”

In accordance with these commitments, using a 1-mile buffer of project layout shapefiles in ESRI ArcGIS software, EDR personnel identified a total of 1,357 parcels within 1-mile of all project components. Using tax parcel GIS data provided by the Chautauqua County Planning Department and supplemented by publically available property tax information on the County website, mailing addresses were identified for 1,343 of 1,357 total parcels within 1 mile of project components (see Figure 1). The landowners at each of these addresses were all sent a survey form along with a personalized letter requesting their assistance in gathering information regarding any water wells or groundwater resources on their property (see attached). In addition, each mailing included a return envelope addressed to EDR. This mailing was assembled and sent to all identified 1,343 parcel owner mailing addresses by United States Postal Service standard bulk mail on December 18, 2015 by Avalon Document Services on Behalf of EDR (see Avalon Memo).

Based on the private well survey responses, the depth of the private wells ranges from 10 feet to 200 feet below grade (averages approximately 75 feet below grade). Reported depths to groundwater within private wells installed in bedrock ranges from 1 foot to 100 feet below grade (averages approximately 40 feet below grade), and depth to groundwater within private wells installed in sand and gravel ranges from 1 foot to 90 feet below grade (averages approximately 35 feet below grade). According to the responses, private wells located within one-mile of the Facility are used primarily for general domestic and farming purposes, but there are some summer camps and businesses that are supplied by well water. Groundwater yields reported in this survey ranges from 1.5 gallons per minute (gpm) to 120 gpm (averages approximately 16 gpm).

Please do not hesitate to contact us if you have any questions.

**Enclosures:**

- Figure 1: Parcels within 1-Mile of Project Components
- List of survey recipients

[Click **here** and Type Recipient's Name]

[Click **here** and Type Date]

- Example personalized letter
- Example well survey form
- Avalon Memo
- Well survey responses

Copies To:      File