

**Memorandum for the Record**  
**Application # 22 IWC 27**

**IWC Regular Meeting – Thursday, December 15, 2022**

*Prepared by Meredith Badalucca, Zoning & Wetlands Enforcement Officer*

**Owner/Applicant:** Connecticut Light & Power dba Eversource Energy Service Co.  
**Address:** 128 Moxley Road (MLB 010-008-000)  
**Submitted:** December 6, 2022  
**Date Received by IWC:** December 15, 2022 (DRD – 2/18/2023)

**Applicant Request:** Regulated activities to install four (4) monitoring wells.

**Activity Description:**

<b>Wetland Disturbance Area</b>	<b>0 sqft permanent, 1,000 sqft temporary</b>
<b>Watercourse/Waterbody Disturbance Area</b>	<b>0 sqft</b>
<b>Upland Review Disturbance Area</b>	<b>30 sqft</b>

**Staff Comments:**

- The property is located on approximately 14.34 acres in the R-40 zoning district and contains both open water and wetland areas.
- The applicant states that approximately a 4.9 acre area within the center of the property is known to be impacted by ash material.
- On October 24, 2019, May 12, 2022 and July 20, 2022 a Tighe & Bond Certified Soil Scientist and Professional Wetland Scientist conducted wetland resource area delineations within the limits of the project area. The results can be found in the application package.
- The applicant states that based on the FEMA Panel Number 09011C0342G, the project site is located within Zone A.
- The applicant is proposing to install four (4) two-inch diameter monitoring wells at locations shown on Figure 1 in Appendix A. The placement of these wells will expand the area for evaluation of groundwater flow and conditions at the site.
- The proposed work will require some vegetation cutting to allow for equipment to access the well locations. The access path coincides with the approximate route cleared in 2007 and 2019.
- The applicant states in part, “No work is proposed in the wetlands or watercourses with the exception of one temporary wetland crossing to reach an upland well location. The monitoring well installations will not result in alteration of the site outside of the eight-inch borehole required to install the two-inch diameter well and casing and associated one-square foot concrete pads.”
- The proposed temporary wetland crossing is approximately 1,000 sqft and will be completed using hand-carried plastic mats. These mats will be removed at the completion of the well installation, which is typically one to two days.
- Three of the four wells are proposed to be installed within the 50 foot Upland Review Area. The applicant states that approximately 1 cy of material will be removed during drilling and 30 sqft of permanent disturbance will result from the proposed work.

- The proposed monitoring wells will be installed using a GEOprobe 7822 drill rig equipped with rubber-covered tracks. A 4 ¼ inch hollow stem auger will be then used to create an eight-inch diameter borehole approximately 13-15 feet below grade to allow for the 2” outer diameter by 10 foot length PVC well to be installed. The remaining area above the bentonite seal of the borehole will be back filled with clean sand or soils. The wells will be sealed with an expandable, locking well plug. A protective metal standpipe will be installed at each well that is secured within a concrete pad at its base.
- Any excess soils and historic fill will be containerized in 55-gallon drums, staged and removed from the property. Clean soil from the three wells beyond the ash disposal area will be redistributed in the upland review area.

### **Significant Impact**

Where uses/proposals are determined to meet the criteria of a significant impact as defined in the Regulations, a public hearing must be scheduled by the IWC. A permit may be issued without a hearing following the petition period 14 days after receipt of application, subsequently action on the application needs to be tabled to the January 19, 2023 meeting.

### **Staff Recommendation:**

Staff recommends the IWC receive & review Application 22 IWC 27, set a date for a site walk if desired and table the application to the January 19, 2023 meeting.



# 128 Moxley Road

Montville, CT



December 12, 2022

1 inch = 141 Feet

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