

BLUEWAVE

Worthington Ridge Rd Dual-Use Project Overview

BWC Wades Stream, LLC

January 8th, 2026



Two Applications

1) Site Plan Review

- Site-wide for a solar energy facility

2) Special Permit

- For the northern portion of the site that lies within the Water Supply Protection District (WSPD).

There is agreement with the applicant and the Board for a decision on the Site Plan Review Application to coincide with the date for decision on the Special Permit Application pursuant to G.L. c. 40A, § 9.

ASTGU: Agricultural Solar Tariff Generation Unit



Why Dual-Use?



Economically support farms & farmers



Keep farmland in agriculture use



Encourage new generation of farmers



Produce reliable clean energy

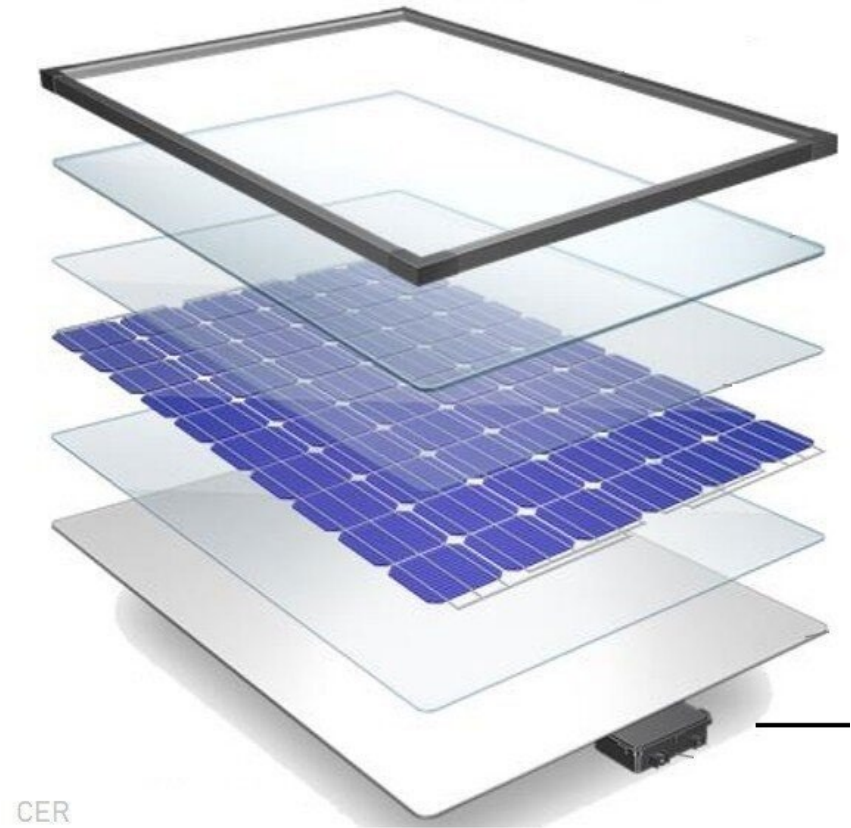


Support agricultural municipalities through PILOT Agreement



PV - Soil & Water Quality

- Largely comprised of glass, aluminum, copper, and silicon
- Significant scientific research on safety, leeching, and durability
- Technical experts find no evidence of toxins such as PFAs
- Material of concern is trace amounts of lead solder, which is tightly encapsulated and thoroughly studied. Public would not encounter toxic metals unless a module was ground to fine dust and steeped in acid.



Source: "Solar Photovoltaic (PV) Modules Facts and Trends," National Laboratory of the Rockies (formerly National Renewable Energy Laboratory), 2025

Appendix H



Battery Energy Storage Systems:

Frequently Asked Questions on Fire Safety and Public Health

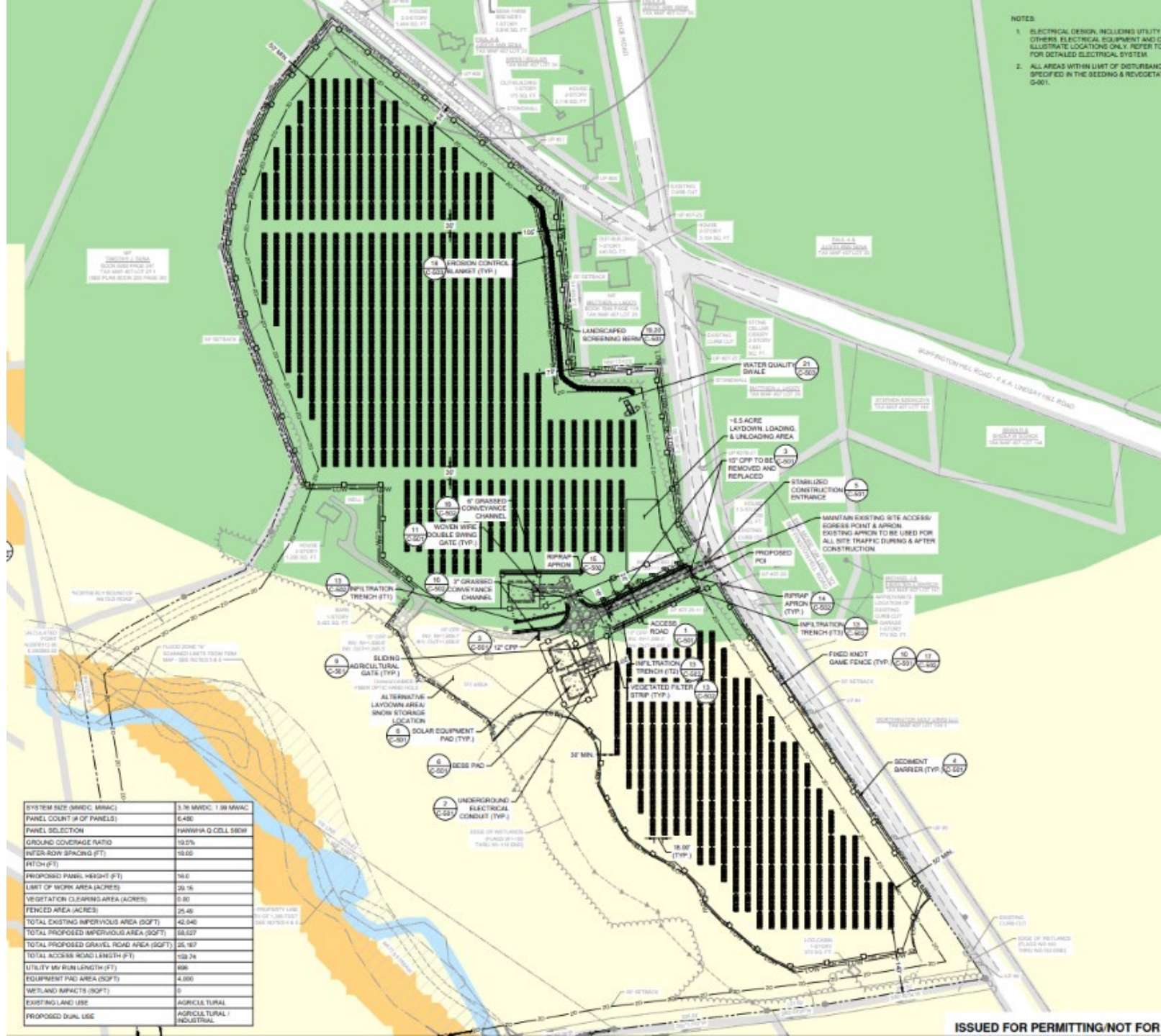


BESS:

- ## Abutter:

- ## Wetland:

- Fence removed from wetland



BESS

