



June 15, 2022

David Turiano, P.E. Village Engineer

RE: Briarcliff Solar 345 Scarborough Road Application for Special Permit

List of references:

- Cover letter prepared by YSG Solar Development Company, LCC dated March 21, 2022;
- Village of Briarcliff Manor Planning Board Application;
- Briarcliff Solar Code Compliance Table;
- Briarcliff Solar Project Booklet.

Chapter 218 Wetlands enables the Planning Board to regulate an installation of any privately-owned utility lines, service lines, cable and conduits, cutting or removal of vegetation and other activities such as soil disturbance and creation of impervious surface which may potentially impair any of the functions or benefits of wetland/watercourse area. The above site contains a man-made pond, a section of Sparta Brook with associated wetland fringes.

In order to properly evaluate the project and determine potential impacts to the regulated areas the applicant should revise the site plan to include:

1. Wetland/watercourse buffer areas.
2. Survey accurate location of all existing trees >6" dbh located within the wetland/watercourse buffers with clear determination which of them will be removed.
3. Provide tree inventory within the wetland/watercourse buffer area indicating the health, species and size of each tree.
4. Show clearly the intensity and extend of site grading, clearing and soil disturbance within the wetland/watercourse buffer areas.
5. Provide wetland/watercourse buffer mitigation plan.
6. Drainage report calculating the increased storm water runoff and providing proper measures mitigating the increase. The measures should also address the heat island effect and thermal pollution generated by the solar arrays.
7. The final site stabilization plan offers NYS DEC #6 seed mixture. This erosion control mix should be replaced with one of high habitat value, especially for local pollinators.
8. The proposed utility crossing should be provided with greater details.

I trust you find the above comments and recommendations helpful. Please feel free to contact me if you have any questions.

Regards,


Aleksandra Moch
Environmental Consultant