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November 9, 2022

Jeff Doolittle, P.E.
Town Engineer
1540 Sullivan Ave.
South Windsor, CT 06074

Re: Nuway Tobacco Solar Phase 2, 200 Sullivan Avenue
Response to Comments Dated: November 3, 2022

Dear Mr. Doolittle:

The submitted plans include changes made to satisfy your review comments dated November 3, 2022. For ease of your review, your initial comment is in *italics*, followed by our response in **bold**.

- 1. The plans show a water quality basin with 3H:1V side slopes very close to Rye Street. This water quality basin would pose a hazard to vehicles if they went off Rye Street because is so close to the road and has steep slopes. The basin needs to be modified or protected to mitigate any hazard it may pose to vehicles. This can be modified by moving the basin at least 4-5 feet further away from the road which might impact the solar farm layout. Alternatively the side slopes need to be reduced to 4H:1V or less. This slope reduction could be accomplished by making the basin shallower and longer, stretching it to the west. I think this may be the best solution. The other option is to install a metal beam guiderail along Rye Street in front of and for more than the entire length of the basin plus the tapers and end anchors, in accordance with ConnDOT standards and details. This would be along section of guiderail.*

The water quality basin has been modified to be 4H:1V, while still meeting the minimum requirement for water quality volume.

- 2. The rip rap basin spillway needs to be extended to the inlet of the drain pipe that goes under the road so any water flowing out has a clear path from the basin to the drain pipe and does not flood the field or road.*

The rip rap at the spillway has been extend from bottom of basin to the existing rip rap at the inlet.

Please contact us with any questions.

Sincerely,

Daniel H. Jameson, P.E.
Project Manager