



Mr. Bruce Flower, Chairman (Via email)
Town of Wappinger
Planning Board
Wappingers Falls, NY 12590

April 20, 2023

Re: Myers Corners Solar Farm Review
Tax Parcel # 6258-03-376432
CPL # 14926.14

Dear Chairman Flower and Planning Board Members:

This office received copies of the following documents:

- Response to CPL Comment Letter from TRC dated 03/27/2023
- Response to DC Planning Comment Letter from TRC dated 03/27/2023
- Response to Hardesty & Hanover Comment Letter from TRC dated 03/27/2023
- 16 sheet plan set titled, "Old Myers Solar Project" prepared by TRC, dated 02/2023
- Storm Water Pollution Prevention Plan prepared by TRC, dated 03/2023
- Decommissioning & Site Restoration Plan prepared by TRC, dated 03/2023

Based on our review we offer the following engineering related comments:

1. Response to prior Comment No. 1 and plan revisions are noted. Please DCDPW review and approval of the proposed driveway apron is required, please provide all correspondence. A Highway Work Permit will be required, please provide a note on the site plan that indicated this requirement prior to work taking place within the County ROW.
2. Response to prior Comment No. 2 is noted. Please provide the NYSOPRHP clearance letter upon receipt as indicated.
3. Provide all correspondence received from the NYSDEC in response to the submitted Consultation Letter dated 12/20/2022.
4. Response to prior Comment No. 4 is noted, please provide the NYS DEC's response when available. The provided response seems to contradict the information provided in section 6.0 Conclusion of the Wetland and Stream Delineation Report. The final paragraph includes a recommendation to consult with both USACE and the NYSDEC to verify the findings presented within the report. Provide all correspondence once in receipt.
5. Please consult with the Planning Board to determine if Planning Board review will be needed at the time of Decommissioning. The outcome of these discussions should be identified in the Decommissioning & Site Restoration Plan.



6. The following comments apply to the proposed access driveway:
 - a. Please consult with the New Hackensack Fire Company on the required pull off distance from the edge of the pavement to the proposed gated entrance and label on the plan. There is a dimensional label of 29' shown but it is unclear what this is representative of.
 - b. Please confirm the use of a Knox Box instead of a Knox Padlock with the New Hackensack Fire Company.
 - c. Revise the construction detail as necessary based on the above comments.
7. Response to prior Comment No. 14 and provided Phasing Plan is noted. Based on the nature of the project construction and projected limited disturbance from the actual panel installation please revise note 1 on the phasing plan notes to indicate that the overall disturbance area may not exceed 5 acres at any time throughout construction. Please also provide this note on both sheets C-201 and C-202.
8. Based on the response to prior Comment No. 17, orange construction fencing should be used to demarcate the LOW where the silt is shown running perpendicular to the elevation contours. When silt fence is installed perpendicular to a contour it creates channelized flow along the fence line and can cause erosion.
9. Please expand the provided decompaction practice and soil restoration notes to indicate a proposed method for physical decompaction of the soil. This office has witnessed problems with soil restoration and grass growth at similar type solar farm projects in the past. It seems that during construction the soil between the panel arrays becomes compacted from frequent construction vehicle traffic and requires a decompaction effort in order to allow grass to properly establish roots and sufficiently grow.

SWPPP Comments:

10. Provide NYSOPRHP clearance letter within the SWPPP.
11. Please adjust drawing scale on Pre and Post Subcatchment plans; measurements seem to check at scale 1"=100', not at scale shown.
12. The pre-condition hydrologic analysis results from HydroCAD were only provided for the 100-yr storm. Please include backup for the pre condition 1-yr and 10-yr events in the final report.
13. The provided NOI requires minor edits such as SWPPP preparers certs, and identification of responsible entity for long-term operations & maintenance.
14. MS4 Concurrence form needs to be completed.
15. Boring Logs/Mapping – not provided; this may be useful to determine depth of water table and bedrock; a high water table or bedrock may impact the functioning of the infiltration trench on site.
16. The SWPPP is to contain a section to address project phasing to ensure that the 5-acre limit of concurrent disturbance is not exceeded at any point. Alternatively, the Applicant may request a waiver from the MS4 to relax this condition with the requisite increase in inspection frequency, etc.
17. The plans (G-04) identify a 3.55 and 3.35 acre disturbance phase, but not the larger



- 13.8 acre limit of disturbance. Please clarify.
18. Slopes above 5% and below 10% are to include a level spreader/energy dissipator. A detail should be included in the drawing set and indicated on the grading plan where appropriate.
19. Will there be any perimeter roads installed to facilitate access to the arrays? If so, these are to be shown and considered in the hydraulic model.

Should you have any questions or require additional information, please do not hesitate to contact me at (845) 686-2305, or email at jbodendorf@cplteam.com.

Very truly yours,
CPL

Jon Bodendorf, P.E.
Senior Municipal Engineer

JDB/rb

cc: Barbara Roberti, Zoning Administrator (by e-mail copy)
Susan Dao, Building Inspector (by e-mail)
James Horan, Esq., Attorney to the Planning Board (by e-mail copy)
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