

September 18, 2026

Karl Gross, P.E.
Permits Chief – Waterways and Wetlands Program
PA Department of Environmental Protection
Northwest Regional Office
230 Chestnut Street
Meadville, PA 16335

Dear Mr. Gross:

Subject: Response to Technical Deficiency Letter
Mercer Node Development
Auth ID 1567561, Application No. PAD430004
Sharon City, Mercer County
CEC Project: 353-024

On behalf of Mercer Node Property, LLC, Civil and Environmental Consultants, Inc. (CEC) is responding to the September 10, 2026 Individual NPDES Permit Application Technical Deficiency Letter from the Pennsylvania Department of Environmental Protection (PADEP) regarding activities associated with the proposed Mercer Node Development in Sharon City, Mercer County, Pennsylvania.

E&S Technical Review Comments

Comment 1: Sediment barrier 26B is indicated as having a 12-inch diameter on ESCP drawings and calculations worksheet. Sediment barrier 26B is listed as having an 18-inch diameter in the table provided on ESCP sheet C906. Please revise. §102.4(b)(5)(viii) & §102.4(b)(5)(ix)

RESPONSE: The Compost Filter Sock Size Chart on Sheet C906 has been revised to list Sediment Barrier 26B as 12”.

Comment 2: ESCP Phase I; Alternative Compost Filter Sock J-hook design specifications and detail are not been included for Sock Number 8A, 11A, 12A, 13A, and 16A. Please revise compost filter sock table to include specific socks that will be configured using the j-hook design and provide approved details for installation and maintenance. §102.4(b)(5)(ix)

RESPONSE: The compost filter sock j-hook design has been removed from Sediment Barriers 8A, 10A-13A, and 16A. Additional compost filter sock barriers have been added in these areas as a result. Compost filter sock numbering, calculations, and drawings for Phase 1 of the project have been updated accordingly.

Comment 3: Please clarify how Stage 2 erosion control/potential off-site discharge is achieved when the construction sequence directs to temporarily remove E&S sediment barriers during utilities installation/active earth disturbance. Proposed utilities, post-demolition, are located at same location as E&S controls. It is recommended to expand project LOD to create proper allowance for BMP functionality and maintenance, as necessary, rather than creating additional steps and having an overlap of project utilities and BMPs. Specific BMPs in question are Phase II, Stage II, compost filter socks 27B, 28B and 29B. §102.4(b)(5)(vi)

RESPONSE: Consideration was given to expanding the project limit of disturbance (LOD) in the referenced area. However, as the current project LOD is bound by the adjoining Northfork Southern Railroad property line, it was determined that that expansion of the LOD in the referenced area is infeasible. For this reason, sequential installation/removal of perimeter E&S BMPs during site feature installation was determined to be the most practicable method to provide proper erosion and sediment control in the referenced areas.

Comment 4: Recommend specifying impermeable membrane installation and proposed areas in the construction sequence since this is critical to final site stabilization. §102.4(b)(5)(vii)

RESPONSE: Step 10 of the construction sequences for Phase 1 and Phase 2 & 3 have been updated to reference geomembrane installation beneath gravel areas.

Comment 5: Since there is no E&S Standard Worksheet #21 for vegetative stabilization specific to this project, it is recommended providing specifications for final site stabilization impervious medias. §102.4(b)(5)(ix)

RESPONSE: Sheets C800 have been added to the Phase 1 and Phase 2 & 3 E&S Plan Sets. Each respective Sheet C800 contains specifications for the final site stabilization surfaces (i.e. gravel, pavement, concrete) for each phase.

Comment 6: Please remove the mention of Mercer County Conservation District in construction sequence item #12, as the Mercer County Conservation District is not the approving authority for temporary BMP removal. §102.22(a)(1).

RESPONSE: The construction sequences for Phase 1 and Phase 2 & 3 have been updated and no longer specify the requirement for Mercer County Conservation District approval prior to E&S BMP removal.

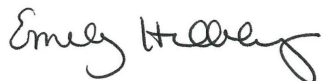
Comment 7: Please include plan revision date on ESCP plan set. §102.4(b)(5)(ix)

RESPONSE: The latest revision date has been added to the Phase 1 and Phase 2 & 3 E&S and PCSM Plan Sets.

If you require additional information to complete the technical review, please reach out to Rachel McCune at 724-972-3781 or rmccune@cecinc.com.

Thank you,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.



Emily Helbling
Assistant Project Manager



Michael E. Archer, P.E.
Principal