

INTEROFFICE COMMUNICATION

TO: Katie Montoya P.E., P.E., District 6
FROM: Jeff Syar P.E., Administrator Office of Hydraulic Engineering by: Jon Prier P.E., OHE
DATE: April 3, 2024
SUBJECT: FRA-161-15.80 - 117607 - Stage 3 BMP Review

I am providing comments only on the post-construction BMPs for this project. I have not performed a detailed hydraulic review of the rest of the conveyance system in this project. See my comments below.

BMP Review:

Per L&D Volume 2, Section 1112.2, the following information must be provided: *Complied and Noted.*

- a) Project EDA: 7.95 acres
- b) Treatment Percent: 20%
- c) Treatment Requirement Area: 1.59 acres
- d) BMPs Selected for Use: 4 vegetated filter strips
- e) Drainage Area Mapping showing contributing area to each BMP inside and outside of ODOT right-of-way: NA
- f) Plan Sheet showing Location of BMP: Provided
- g) Calculations for each BMP: Provided
- h) Explanation of any untreated area: NA

Sufficient information was provided to facilitate BMP review.

1. Show the limits of Item 659, Topsoil and Item 670, Slope Erosion Protection on the plan sheets for each vegetated biofilter. *Complied.*
2. Show the limits of Item 659, Topsoil and Item 670, Slope Erosion Protection on the cross section sheets for each vegetated biofilter. *Complied.*
3. Ensure that all of the trees and brush are removed for each vegetated filter strip. Vegetated filter strips must be grass-covered, not brush or trees. On Sheet 33, VFS#1 appears to show some existing trees remaining outside of the limits of construction but inside the limits of the vegetated filter strip at approximately STA 302+30. *Complied.*
4. Quantities; Sheets 9, 24, 27: The 4" lifts of topsoil for the vegetated filter strips do not appear to be included in the quantities. The drainage report shows 1,010 CY of topsoil just for vegetated filter strips, but Sheet 9 shows 887 CY of topsoil to promote growth across the whole project. Ensure sufficient topsoil quantities are included per the topsoil shown in the plan sheets. *Complied.*

If you have any questions about these comments or would like to discuss, please contact our office at 614-644-1876.

C: BH, JS, file