



# Maryland

## Department of the Environment

Wes Moore, Governor  
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary  
Suzanne E. Dorsey, Deputy Secretary

STORMWATER MANAGEMENT AND SEDIMENT & EROSION CONTROL APPROVAL  
STATE/FEDERAL PROJECTS  
SEDIMENT & STORMWATER PLAN REVIEW DIVISION

MDE NUMBER: **20-SF-0157**

APPROVED BY: *Amanda Makom for*  
Program Manager, Sediment, Stormwater, and Dam Safety

EFFECTIVE DATE: **October 22, 2024** (Pursuant to Criteria Noted Below)

IN COMPLIANCE WITH: Environment Article, Sections 4-106 and 4-205 Annotated Code of Maryland

APPROVAL IS HEREBY GRANTED: Maryland Transportation Authority  
ADDRESS: 8019 Corporate Drive, Suite F  
Baltimore, MD 21236  
Attn: Attn: Mr. Brian Wolfe, P.E

HEREINAFTER KNOWN AS OWNER,  
FOR THE PLANS AND SPECIFICATIONS PRESENTED FOR: Contract No. KH-3021-0000  
AI No. 168465

**I-95 ETL Northern Extension: MD 24 Interchange Reconstruction - Harford County**

Latitude/Longitude: 39.4564, -76.3119

LOD: 114.34 acres

PREPARED BY: Whitman, Requardt & Associates

This APPROVAL is granted subject to the following conditions:

1. This Approval shall become null and void if the construction authorized herein has not been completed within three (3) years from the granting of this Approval, except that these limits may be extended at the discretion of the Department when requested by the owner or authorized agent.
2. This Approval is subject to all laws and regulations now in effect and may be revoked if it is subsequently determined that this authorization violates other laws of the State. Construction shall comply with approved terms.
3. The location and dimensions of all sediment control structures and stormwater management facilities, as well as grading, excavation, and filling shall be in accordance with plans approved by the Department of the Environment/ Water and Science Administration (MDE/WSA). The owner or authorized agent shall obtain written approval from the MDE/WSA for any plan modifications or changes. A copy of the approved plan with any approved modifications and this Approval shall be available at the construction site for reference during the construction period.
4. Off-site borrow or waste sites require local county and Soil Conservation District approvals if they are located on private property or MDE/WSA approval if on State or federal property. Local approval numbers shall be furnished to the MDE/WSA Inspector.
5. The Owner or his authorized agent shall notify the MDE/WSA Compliance Program at (410) 537-3510, at least seven (7) days prior to initiation of the project and five (5) days after work ends.
6. This project has an earth disturbance of 1.0 acre or greater. Prior to any earth disturbance, notice of intent (NOI) application for the National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Associated with Construction Activity shall be submitted to and approved by MDE.
7. The proposed construction, operation, and maintenance of submerged gravel wetland SGW-404 shall be completed in accordance with the associated Small Pond Approval. Separate Small Pond Approval is also being issued for hydrologic changes to existing Pond-7033 and modifications to SGW 12-1 (approved on 9/30/23 and

10/8/24 under 19-SF-0187). Pond-316 is an excavated pond and is exempt from small pond approval.

8. Stormwater quantity and quantity management for this project is being satisfied by ten (10) grass swales, fifteen (15) bioswales, four (4) submerged gravel wetlands, one (1) micro-bioretenion, one (1) bioretention, and one (1) extended detention ponds. Additionally, the project is also using one (1) submerged gravel wetland approved under MDTA Contract KH-3019 (19-SF-0187) for both KH-3019 and KH-3021, two (2) bioretention facilities constructed under MDTA Contract KH-3020 (20-SF-0143), and one (1) existing wet extended detention pond constructed under MDTA Contract KH-217 (06-SF-0191). This projects results in a 1.72 acre credit to the MDTA's Water Quality Bank for the Bush River Watershed (02-13-07) and a -0.80 acre debit from MDTA's Water Quality Bank for the Otter Point Creek 1 (02-13-07-02) Watershed. The project provides water quality treatment for a total of 25.28 acres of impervious area. The net increase in impervious area for the project is 11.54 acres. For MS4 accounting purposes, the resulting water quality treatment of reconstructed imperviousness is 13.74 acres. The MS4 Baseline was not considered as part of this approval. Final verification of all MS4 credits is the responsibility of the applicant.
9. A variance from using ESD practices to meet the entire WQv for POI 3 has be granted under Section 3.4 of the Maryland Stormwater Management and Erosion & Sediment Control Guidelines for State and Federal Projects. The quantity management for POI 3 is not sufficient to maintain the 10-year, pre-development peak discharge rate. MDTA has obtained concurrence from the downstream property owner for the 13 cfs (4%) increase in proposed flow rates.
10. The MD 24 interchange is located in a Tier II watershed (Otter Point Creek 1), and Wetlands and Waterways Approval is required for this project.
11. A portion of this project is located in a mapped Federal Emergency Management Agency (FEMA) 100-year floodplain. If the proposed work/construction activity changes or alters the FEMA 100-year boundaries or elevations, the Owner or his authorized agent shall be fully responsible for and required to contact FEMA and apply for a Conditional Letter of Map Amendment (CLOMR), which may necessitate a separate hydrologic and hydraulic study (determined by FEMA) before construction, and to complete the FEMA Amendment process with a Letter of Map Amendment or Revision (LOMR) after construction is completed. This includes coordinating and informing the local government/community.
12. Once construction is complete, as-built plans certified by a licensed professional engineer, land surveyor, or landscape architect shall be submitted to MDE/WSA for review and acceptance.
13. Maintenance shall be performed on stormwater management facilities in accordance with approved plans.

APM/NMP/REP

cc: Dave Guignet, Maryland State National Flood Insurance Program Coordinator, MDE