



**James City County Environmental Division
Standard Erosion and Sediment Control Notes
Revised October 1, 2009**

The following standard erosion and sediment control (E&SC) notes shall become part of approved erosion and sediment control plans for all plan of development projects in James City County, Virginia.

1. All the provisions of Virginia Erosion and Sediment Control Law and Regulations, Minimum Standards, Handbooks, and Technical Bulletins as published by the Virginia Soil & Water Conservation Board and/or the Virginia Department of Conservation and Recreation, Division of Soil & Water Conservation shall apply to the project.
2. Minimum Standards # 1 through # 19 of the Virginia Erosion and Sediment Control Regulations (4VAC50-30-40) shall apply to the project.
3. The Owner or Applicant shall be responsible to register for coverage under the General Permit for Discharge of Stormwater from Construction Activities, in accordance with current requirements of the Virginia Stormwater Management Program (VSMP) and the Virginia Department of Conservation and Recreation.
4. The Owner or Applicant shall provide the name of an individual holding a valid Responsible Land Disturber (RLD) certificate of competence who will be responsible for the land-disturbing activity prior to engaging in the land-disturbing activity. This will be necessary prior to issuance of a land-disturbing permit for the project. The RLD is required to attend the preconstruction conference for the project.
5. The Contractor is responsible to contact Miss Utility (Dial 811 in VA or 1-800-552-7001) prior to any utility or site work excavations.
6. All erosion and sediment control measures shall be planned, designed, implemented, installed and maintained in accordance with the provisions of the latest edition of the Virginia Erosion and Sediment Control Handbook (VESCH). The Contractor shall maintain, inspect and repair all erosion and sediment control measures as needed throughout the life of the project to ensure continued acceptable performance.
7. A preconstruction conference (meeting) shall be held on site between the County Environmental Division, the Owner-Applicant, the Responsible Land-Disturber (RLD), the Contractor and other responsible agencies, as applicable, prior to issuance of a land-disturbing permit. The Owner or Applicant is required to coordinate scheduling of the preconstruction conference between all applicable parties. The Contractor shall submit a Sequence of Construction to the County Environmental Division for review and approval prior to the preconstruction meeting.
8. All perimeter erosion and sediment control measures shall be constructed as a first step in any land-disturbing activity and shall be made functional before upslope land disturbance takes place.

9. Additional safety fence or dust control measures, in accordance with the provisions of Minimum Standards & Specs. 3.01 and 3.39 of the Virginia Erosion and Sediment Control Handbook (VESCH), may be required to be implemented in addition to that shown on the approved plan in order to ensure adequate protection of the health, safety and welfare of the public or if site conditions change, become apparent or alter significantly following the date of plan approval.
10. Erosion and sediment control measures may require minor field adjustments at or following time of construction to ensure their intended purpose is accomplished, to ensure adequate protection of the health, safety and welfare of the public, or if site conditions change, become apparent or alter significantly following the date of plan approval. County Environmental Division approval shall be required for any deviation of erosion and sediment control measures from the approved plan.
11. Off-site waste or borrow areas shall be approved by the County Environmental Division prior to the import of any borrow or export of any waste to or from the project site.
12. Culvert and storm drain inlet protections, in accordance with the provisions of Minimum Standards & Specs. 3.07 & 3.08 of the Virginia Erosion and Sediment Control Handbook (VESCH), may be removed at the discretion of the assigned County Environmental Division inspector should placement of the measure result in excessive road flooding or traffic hazard or result in the redirection of drainage onto or toward existing lots, driveways or structures. Decisions shall be made on a case-by-case basis based on field situations encountered.
13. Drainage facilities shall be installed and functional within 30 days following completion of rough grading at any point within the project.
14. No more than 300 feet of trench may be open at one time for underground utility lines, including storm water conveyances. All other provisions of Minimum Standard # 16 of the Virginia Erosion and Sediment Control regulations apply.
15. If disturbed area stabilization is to be accomplished during the months of December, January or February, stabilization shall consist of Mulching in accordance with Minimum Standard & Spec. 3.35 of the Virginia Erosion and Sediment Control Handbook (VESCH). Seeding will then take place as soon as the season permits.
16. The term seeding, final vegetative cover or stabilization on the approved plan shall mean the successful germination and establishment of a stable grass cover from a properly prepared seedbed, in accordance with Minimum Standards & Specs. 3.29 through 3.37 of the Virginia Erosion and Sediment Control Handbook (VESCH), as applicable. Irrigation, if necessary, shall comply with all applicable outdoor water use restrictions of the James City Service Authority.
17. Temporary erosion and sediment control measures shall not be removed until all disturbed areas are stabilized. Removal shall not occur without authorization by the County Environmental Division. Disturbances associated with the removal of temporary erosion and sediment control measures shall be properly stabilized.

18. No sediment trap or sediment basin shall be removed until a) at least 75 percent of the single-family lots within the drainage area to the trap or basin have been sold to a third party for the construction of homes (unrelated to the developer); and/or, b) 60 percent of the single-family lots within the drainage area to the trap or basin are completed and stabilized. A bulk sale of the lots to another builder does not satisfy this provision. Sediment traps and sediment basins shall not be removed without authorization of the County Environmental Division.
19. Applicable provisions of the County BMP Manual (James City County Guidelines for Design and Construction of Stormwater Management BMPs) and the Virginia Stormwater Management Handbook (VSMH) apply to the project.
20. Design and construction of private-type storm drainage systems, outside VDOT right-of-way, shall be performed in accordance with the current version of the James City County Environmental Division, Stormwater Drainage Conveyance Systems (Non-BMP related), General Design and Construction Guidelines.
21. Record Drawings (Asbuilts) and Construction Certifications are required for all stormwater facilities including stormwater management/BMP facilities and storm drainage conveyance systems. Record drawings and construction certifications must meet established program requirements of both the County Environmental and Stormwater Divisions.
22. All stormwater facilities including BMPs, storm drainage pipes, stormwater conveyances, inlets, manholes, outfalls and roadside and other open channels shall be inspected by the County Stormwater Division and geotechnical engineer in accordance with established County Stormwater Division program requirements.