

Short Form Erosion and Sediment Control Plan

Project: _____

Project Manager: _____

Responsible Land Disturber: _____

Land Area to be Disturbed _____ (acres or square feet)

IMPORTANT NOTE: Please allow a minimum of 30 days review time for this E&SC plan

1. Describe the nature, purpose, and scope of land disturbing activities. Describe the existing site conditions including vegetation, topography, land use, and drainage. Describe neighboring land uses that may be affected by the land disturbance. Describe onsite areas with potential erosion issues (steep slopes, channels, springs).
2. List all E&SC practices that will be required during all land-disturbing activities. Include installation and maintenance requirements for these measures. Provide design sheets where necessary.
3. Provide a Site Map with description of E&SC practices. Provide a Site Vicinity Map.

Site Map(s) must include the following:

- Indicate North
- Indicate all areas that are to be cleared and graded.
- Show all improvements such as buildings, parking lots, access roads, utility construction, etc.
- Show the locations of all erosion and sediment controls and stormwater management practices used on the site.
- Show existing and final contour lines, drainage divides, and flow direction .

Recommended Plan Symbols:

STONE CONSTRUCTION ENTRANCE	CE		EXISTING CONTOUR	
SILT FENCE	SF		FINISHED CONTOUR	
STORM DRAIN INLET PROTECTION	IP		LIMITS OF DISTURBANCE	
TEMPORARY DIVERSION DIKE	DD		DRAINAGE DIVIDE	
OUTLET PROTECTION	OP		STORM SEWER	
RIP RAP	RR			
ROCK CHECK DAMS	CD			
TREE PROTECTION	TP			

4. Describe and map any off-site land-disturbing activities that will occur (including borrow sites, stockpiles, etc.)
5. Identify all post-construction maintenance requirements and responsible party for effecting all actions.
6. A valid Responsible Land Disturber (RLD) certificate shall be provided with this application for the RLD that will be onsite supervising land disturbing activities.

If the entire form is not completed and accompanied by all applicable information outlined above, your application will be considered incomplete and will be denied.

Erosion and Sediment Control Notes:

1. Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site.
2. Temporary soil stabilization shall be applied within seven days to denuded areas that may not be at final grade but will remain dormant for longer than 14 days.
3. Permanent stabilization shall be applied within seven days to areas that are to be left dormant for more than one year.
4. During construction of the project, soil stockpiles and borrow areas shall be stabilized or protected with sediment trapping measures.
5. The applicant is responsible for the temporary protection and permanent stabilization of all soil stockpiles on site as well as borrow areas and soil intentionally transported from the project site.
6. A permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized.
7. Permanent vegetation shall not be considered established until a ground cover is achieved that, is uniform, mature enough to survive and will inhibit erosion. This includes the stipulations of at least two 3” grass cuttings and at least 90% uniform coverage across the entire site.
8. All measures intended to trap sediment shall be constructed as a first step in any land-disturbing activity and shall be made functional before upslope land disturbance takes place.
9. Stabilization measures shall be applied to earthen structures such as dams, dikes and diversions immediately after installation.
10. Cut and fill slopes shall be designed and constructed in a manner that will minimize erosion.
11. Slopes that are found to be eroding excessively within one year of permanent stabilization shall be provided with additional slope stabilizing measures until the problem is corrected.
12. Concentrated runoff shall not flow down cut or fill slopes unless contained within an adequate temporary or permanent channel, flume or slope drain structure.
13. Whenever water seeps from a slope face, adequate drainage or other protection shall be provided.
14. All storm sewer inlets that are made operable during construction shall be protected so that sediment-laden water cannot enter the conveyance system without first being filtered or otherwise treated to remove sediment.
15. Before newly constructed stormwater conveyance channels or pipes are made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel.
16. Underground utility lines shall be installed in accordance with the following standards in addition to other applicable criteria:
 - a. No more than 500 linear feet of trench may be opened at one time.
 - b. Excavated material shall be placed on the uphill side of trenches.
 - c. Material used for backfilling trenches shall be properly compacted in order to minimize erosion and promote stabilization.
 - d. Restabilization shall be accomplished in accordance with the current edition of the VESCH.
 - e. Applicable safety regulations shall be complied with.

17. Where construction vehicle access routes intersect paved or public roads, appropriate provisions (construction entrance, wash rack, etc) shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface.
18. Where sediment is transported onto a paved or public road surface, the road surface shall be cleaned thoroughly at the end of each day.
19. Sediment shall be removed from the roads by shoveling or sweeping and transported to a sediment control disposal area. Street washing shall be allowed only after sediment is removed in this manner.
20. All temporary erosion and sediment control measures shall be removed within 30 days after final site stabilization or after the temporary measures are no longer needed, unless otherwise authorized by the local program authority.
21. Trapped sediment and the disturbed soil areas resulting from the disposition of temporary measures shall be permanently stabilized to prevent further erosion and sedimentation.
22. Properties and waterways downstream from development sites shall be protected from sediment deposition, erosion and damage due to increases in volume, velocity and peak flow rate of stormwater runoff. Concentrated stormwater runoff leaving a development site shall be discharged directly into an adequate natural or man-made receiving channel, pipe or storm sewer system.
23. Increased volumes of sheet flows that may cause erosion or sedimentation on adjacent property shall be diverted to a stable outlet, adequate channel, pipe or pipe system, or to a detention facility.
24. All measures used to protect properties and waterways shall be employed in a manner which minimizes impacts on the physical, chemical and biological integrity of rivers, streams and other waters of the state.
25. All Land Disturbing Activities aboard MCB Quantico will be conducted in accordance with the current edition of the Virginia Erosion and Sediment Control Law and Regulations (VESCLR) and the Virginia Erosion and Sediment Control Handbook, 1992 Edition (VESCH). A copy of the handbook and the approved E&SC Plan will be kept on-site at all times.
26. Inspections shall be conducted at least once every 14 calendar days **and** within 48 hours of a rain event producing 0.5" or rain or greater. All inspections shall be kept in an inspection log, present at the jobsite at all times, and available for inspection upon request.
27. Inspection reports shall include the following:
 - a. name(s) and qualifications of personnel making the inspection, and the date(s) of the inspection
 - b. major observations relating to the implementation of the SWPP plan
 - c. the location(s) of discharges of sediment or other pollutants from the site
 - d. location(s) of BMPs that need to be maintained
 - e. location(s) of BMPs that failed to operate as designed or proved inadequate for a particular location
 - f. location(s) where additional BMPs are needed that did not exist at the time of inspection
 - g. Incidents of noncompliance
 - h. Where a report does not identify any incidents of noncompliance, the report shall contain a certification that the facility is in compliance with the storm water pollution prevention plan and this permit
 - i. Signature of inspector
28. If at any time an E&SC structure and/or device is found to be in need of maintenance or repair, the structure shall be repaired and/or replaced as needed immediately, or as soon as practical; however, all repair and/or replacement of controls shall be completed within 7 days of initial finding of deficiency, or

before next anticipated storm event, whichever time period is shorter.

29. If periodic inspections or other information indicates a control has been used inappropriately, or incorrectly, the permittee must replace or modify the control for site situations immediately.
30. Sediment must be removed from sediment traps, sedimentation ponds and all other sediment trapping devices when design capacity has been reduced by 50%.

This Plan is not applicable to projects with the following characteristics:

1. Project requires a sediment trap or basin.
2. Work will be performed in live watercourses.
3. Work will be performed in any areas that could potentially be characterized as wetlands.
4. Project will involve de-watering operations.
5. Project will increase peak flows rates of stormwater runoff, add additional impervious area, or create new drainage channels.
6. Existing conditions at the project site have inadequate stormwater management measures.

*****After a Erosion and Sediment Control Plan Approval has been issued, an inspection of all E&S controls installation must be scheduled with the NREA Water Program before land disturbance can begin.**

Responsible Land Disturber's Acknowledgement:

Signature

(Date)

Print Name

Title