

**PLAN REVIEW MINIMUM STANDARDS CHECKLIST**

Yes No NA

- MS 1 Have temporary and permanent stabilization been addressed in the Narrative?  
Are practices shown on the plan? Seed specifications re region and season? Yes/No  
Mulching? Yes/No Gravel? Yes/No
- MS 2 Has stabilization of soil stockpiles been addressed in the narrative?  
Are sediment trapping measures provided? Shown on the plan?
- MS 3 Has maintenance of permanent stabilization been addressed?
- MS 4 Are sediment trapping facilities to be installed as a first step in the LDA? 2:1 flowlength?
- MS 5 Has stabilization of earthen structures such as traps, ditches, dikes, and diversions  
been addressed as a first step prior to upslope activity?
- MS 6 Are sediment basins required where needed?
- MS 7& MS 9 Has stabilization of cut and fill slopes been adequately addressed?  
(i. e. Surface roughening, Outlet Protection)
- MS 8 Are paved flumes, channels, or slope drains required where necessary?
- MS 10 Is adequate inlet protection required on all operational storm sewer inlets?
- MS 11 Is channel lining and/or outlet protection required on stormwater conveyance channels?
- MS 12 Are instream construction measures required so that channel damage is minimized?
- MS 13 Are non-erodible temporary stream crossings required where applicable?
- MS 14 (NOTE: This regulation requires that all applicable Federal, State, and Local  
regulations pertaining to working in or crossing live watercourses be met)
- MS 15 Has restabilization of areas subject to instream construction been adequately addressed?
- MS 16 Has stabilization of utility trenches been addressed?
- MS 17 Is the transport of soil and mud onto public roadways controlled? (i.e. construction  
entrances, wash racks, daily cleaning of roadways, transport of sediment to a trapping  
facility)
- MS 18 Has the removal of temporary practices been addressed?  
   Has the maintenance of the practices been addressed ? (-including the removal of  
accumulated sediment, the repair and or relacement of damaged practices-)
- MS 19 Are properties and waterways downstream from the development site adequately  
protected from erosion and sediment deposition due to increases in peak stormwater  
runoff?

PROJECT NAME \_\_\_\_\_ REVISION # \_\_\_\_\_

DATE RECEIVED \_\_\_\_\_ DATE REVIEWED \_\_\_\_\_ DATE APPROVED \_\_\_\_\_

CHECKLIST  
FOR EROSION AND SEDIMENT CONTROL PLANS

NARRATIVE

- \_\_\_\_\_ **Project description** – Briefly describes the nature and purpose of the land disturbing activity, and the area (acres) to be disturbed
- \_\_\_\_\_ **Existing site conditions** – A description of the existing topography, vegetation, and drainage
- \_\_\_\_\_ **Adjacent areas** – A description of neighboring areas such as streams, lakes, residential areas, roads, etc., which might be affected by the land disturbance
- \_\_\_\_\_ **Off-site areas** – Describe any off-site land disturbing activities that will occur (borrow or waste sites) Will any other areas be disturbed?
- \_\_\_\_\_ **Soils**- A brief description of the soils on the site giving such information as soil name, mapping unit, erodibility (“K” factor), permeability, depth, texture, and soil structure. See Soil Survey of Rockingham County, Virginia
- \_\_\_\_\_ **Critical areas** – A description of areas on the site which have potentially serious erosion problems (e.g. steep slopes, channels, wet weather/underground springs, etc.)
- \_\_\_\_\_ **Erosion and sediment control measures** – A description of the methods which will be used to control erosion and sedimentation on the site. (Controls should satisfy minimum standards in Chapter 3 of the Handbook)
- \_\_\_\_\_ **Permanent stabilization** – A brief description, including specifications for the region and season, of how the site will be stabilized after construction is completed
- \_\_\_\_\_ **Stormwater runoff considerations** Will the development site cause an increase in peak runoff rates? Will the increase in runoff cause flooding or channel degradation downstream? Describe the strategy to control runoff. (MS-19)
- \_\_\_\_\_ **Calculations** – Detailed calculations for the design of temporary sediment basins, permanent stormwater detention basins, diversions, channels, etc. Include calculations for pre- and post-development runoff for the required storm events (MS-19)

## PLAN

- \_\_\_\_\_ Vicinity map - A small map locating the site in relation to the surrounding area. Include any landmarks that might assist in locating the site.
- \_\_\_\_\_ Indicate north - The direction of north in relation to the site.
- \_\_\_\_\_ Limits of clearing and grading - Areas which are to be cleared and graded.
- \_\_\_\_\_ Existing contours - The existing contours of the site.
- \_\_\_\_\_ Final contours - Changes to the existing contours, including final drainage patterns.
- \_\_\_\_\_ Existing vegetation - The existing tree lines, grassed areas, or unique vegetation.
- \_\_\_\_\_ Soils - The boundaries of different soil types.
- \_\_\_\_\_ Existing drainage patterns - The dividing lines and the direction of flow for the different drainage areas. Include the size (acreage) of each drainage area. This information may be on a separate sheet with the stormwater management calculations.
- \_\_\_\_\_ Critical erosion areas - Areas with potentially serious erosion problems. (See Chapter 6 in VESC Handbook for criteria.)
- \_\_\_\_\_ Site Development - Show all improvements such as buildings, parking lots, access roads, utility construction, etc.
- \_\_\_\_\_ Location of practices - The locations of erosion and sediment control and stormwater management practices used on the site. Use the standard symbols and abbreviations in Chapter 3 of the E&S Handbook.
- \_\_\_\_\_ Off-site areas - Identify any off-site, land-disturbing activities (e.g., borrow sites, waste areas, etc.). Show location of erosion controls. (Is there sufficient information to assure adequate protection and stabilization?)
- \_\_\_\_\_ Detail drawings - Any structural practices used that are not referenced to the E&S Handbook or local handbooks should be explained and illustrated with detail drawings.
- \_\_\_\_\_ Maintenance - A schedule of regular inspections and repair of erosion and sediment control structures should be set forth.
- \_\_\_\_\_ CRLD listed on plan?
- \_\_\_\_\_ All minimum standards addressed.