

CHECKLIST**FOR EROSION AND SEDIMENT CONTROL PLANS**

_____ **Minimum Standards** - All applicable Minimum Standards must be addressed.

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 (including borrow sites, waste or surplus areas, etc.). 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, permeability, depth, texture and soil structure.

_____ **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 meet the specifications in Chapter 3.)

_____ **Permanent stabilization** - A brief description, including specifications, 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 stormwater runoff.

_____ **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.

Checklist (continued)

SITE PLAN

- _____ Vicinity map - A small map locating the site in relation to the surrounding area. Include any landmarks which 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.
- _____ Critical erosion areas - Areas with potentially serious erosion problems. (See Chapter 6 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 controls and stormwater management practices used on the site. Use the standard symbols and abbreviations in Chapter 3 of this 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.

Websites to use to print maps for Erosion and Sediment Control Plan

Soils website:

<https://websoilsurvey.nrcs.usda.gov/app/HomePage.htm>

Topography website:

<https://kingandqueengis.timmons.com/#/>

Click "I agree". Find your property on the map (you can use the search bars at the top to help). Click "Map It" if you need to get back to the map. Click the X on the "Parcels" pop-up to get it out of the way. Click on "Layers" at the top right. Scroll to the environmental tab. Click on "5ft Contours" to turn it on. They should show on your property. Save a screen shot (use the print screen button near F12 on your key board). Open the Paint program, Word program, or similar program. Paste the image in there and save it.