

SOIL EROSION AND SEDIMENT CONTROL CHECKLIST

Return with supporting documentation to SMC

Please provide a single sheet site drainage plan that includes the following information, check if included:

- Pre-construction and with-project conditions contours
- With-project overland flow paths
- Storm sewers (including inlet and outlet locations)
- Stormwater management facilities (including detention and water quality treatment areas and their associated normal and high water levels, swales etc.)
- Regulatory Floodplain delineation
- Wetland and appropriate wetland buffer delineations
- Limits of construction - conservation areas should be preserved
- Other improvements (including buildings, roads, parking lots etc...)

Please provide an area drainage plan which includes the following, check if included:

- Project location in the watershed (a vicinity map may also be required)
- Delineate all on-site and off-site subbasins which drain through the site

Please provide a narrative description which includes the following, check if included:

- Project description -- Briefly describes the nature and purpose of the land disturbing activity, and the areas to be disturbed. In addition, include a description of the soil erosion and sediment control practices that will be implemented on site.
- Adjacent areas -- A description of neighboring areas such as streams, lakes, residential areas, roads, etc. that might be affected by the land disturbance. Describe any adjacent or neighboring activities that may affect the soil erosion and sediment control plan.
- Off-site areas -- Will any other areas be disturbed? Describe any off-site land disturbing activities.
- Location and identification of soil types -- flagging of hydric soils and highly erodible soils.
- Stormwater runoff control -- Describe the strategy to control stormwater runoff.
- Calculations -- Detailed calculations for the design of soil erosion and sediment control measures, as appropriate.

Please provide a detailed soil erosion and sediment control plan which includes the following, check if addressed:

- _____ Slope stabilization measures (for those $\geq 3:1$)
- _____ Blanket on side slopes of detention facilities from NWL to HWL
- _____ Blanket on slopes adjacent to wetlands
- _____ Inlet and outlet erosion control measures
- _____ Direct runoff to stormwater management facilities during construction
- _____ Swales, channels, and all other concentrated flow areas soil stabilization
- _____ Appropriate filter barriers in areas of concentrated flows
- _____ Sediment trap or equivalent control at the downslope point of disturbance for disturbed areas draining between 1 and 5 acres
- _____ Sediment basin or equivalent control at the downslope point of disturbances for disturbed areas draining greater than 5 acres
- _____ Over-excavated detention facilities with a temporary perforated riser installed during construction to accommodate sediment accumulation
- _____ Basin Overflow protection
- _____ Silt Fence / Perimeter control at the downslope points of disturbance
- _____ Stabilized Construction Entrance
- _____ Construction Fencing at the limits of construction and/or disturbance
- _____ Seeding information: rates, species, dates, fertilization, temporary or permanent
- _____ Location and dimension of all temporary soil and aggregate stockpiles – specifically not in Regulatory Floodplain
- _____ Address areas of off-site discharge
- _____ Show protection of wetlands, streams, lakes, Regulatory Floodplains, conservancy areas etc.
- _____ Appropriate sediment control for utility installation through or adjacent to wetlands
- _____ Include detail drawings on the plans for all soil erosion and sediment control measures
- _____ Appropriate de-watering device/measure, if applicable
- _____ Construction sequencing that clearly indicates which sedimentation and erosion control measures and stormwater management facilities will be installed prior to the start of general construction.
- _____ SE/SC notes on Plan