



EROSION AND SEDIMENT CONTROL PLAN

DESIGNER'S CHECKLIST

The ESCP design is expected to prevent erosion, control sedimentation and prevent sediment laden water (or other pollutants) from leaving the project site.

Designers shall provide BMP's for anticipated disturbances during all phases of construction and for final stabilization of construction sites. Items such as schedule of work, storage and stockpile areas, haul routes and wet season work plan are determined by contractor and will be provided in the Project's working ESCP. Verify that the following are provided:

SITE DESCRIPTION		
Yes	No/NA	Project Narrative Items
<input type="checkbox"/>	<input type="checkbox"/>	Nature of construction activities
<input type="checkbox"/>	<input type="checkbox"/>	Timetable for major activities
<input type="checkbox"/>	<input type="checkbox"/>	Total area (acres) of site of permitted work
<input type="checkbox"/>	<input type="checkbox"/>	Area (acres) that will undergo clearing and/or earthwork
<input type="checkbox"/>	<input type="checkbox"/>	Nature of in-situ soils, especially erosion potential of soils
<input type="checkbox"/>	<input type="checkbox"/>	Fill material and erosion potential of that material
<input type="checkbox"/>	<input type="checkbox"/>	Names of receiving waters from site stormwater runoff

SITE MAP (PLAN SHEETS)		
Yes	No/NA	Plan Sheet Items
<input type="checkbox"/>	<input type="checkbox"/>	Show area of total development, including property lines and existing roadways and roadway features
<input type="checkbox"/>	<input type="checkbox"/>	Drainage patterns (show with slope arrows)
<input type="checkbox"/>	<input type="checkbox"/>	Show area of total soil disturbance (cut and fill lines, detour routes, staging areas, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Location of all erosion and sediment control BMP's
<input type="checkbox"/>	<input type="checkbox"/>	Location of all impervious surfaces (roads, buildings, other pavement, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Springs, wetlands & other surface waters located on site
<input type="checkbox"/>	<input type="checkbox"/>	100-year flood elevation, if applicable
<input type="checkbox"/>	<input type="checkbox"/>	Location of storm drainage outfalls to receiving waters, if applicable
<input type="checkbox"/>	<input type="checkbox"/>	Erosion control notes
<input type="checkbox"/>	<input type="checkbox"/>	Location of drinking water wells & underground injection controls
<input type="checkbox"/>	<input type="checkbox"/>	Details of erosion and sediment controls (ODOT Standard Drawings or engineered details)
<input type="checkbox"/>	<input type="checkbox"/>	Details of detention ponds, storm drain piping, inflow and outflow details
<input type="checkbox"/>	<input type="checkbox"/>	Stabilized construction entrance
<input type="checkbox"/>	<input type="checkbox"/>	Stabilized staging/parking area location
<input type="checkbox"/>	<input type="checkbox"/>	Stockpile locations
<input type="checkbox"/>	<input type="checkbox"/>	Show areas receiving vegetation stabilization

REQUIRED DESIGN FEATURES		
Yes	No/NA	Required Measures
<input type="checkbox"/>	<input type="checkbox"/>	Sediment barrier perimeter control BMP (downslope barrier preventing sediment from leaving project site)
<input type="checkbox"/>	<input type="checkbox"/>	Other sediment control BMP's (to capture sediment on slopes and to contain/filter sediment from turbid water)
<input type="checkbox"/>	<input type="checkbox"/>	Erosion prevention BMP's not relying on vegetation (matting, compost, mulch, plastic sheeting, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Runoff control BMP's (divert water from off-site, check velocity of flowing water, reinforce ditches/channels)
<input type="checkbox"/>	<input type="checkbox"/>	Pollution control/prevention (concrete truck washout, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Emergency materials (anticipate and prepare for the worst case events)