

Erosion and Sediment Control (ES&C) Plan Review Checklist

- Show graphic scale and north arrow.
- Provide vicinity map showing site's relation to surrounding area, including designation of specific phase, if necessary.
- Provide existing and proposed contours.
- Delineate all wetlands and state waters located on or within 200 feet of the project site.
- Delineate 25-foot undisturbed state buffers of state waters and 50-foot buffers along designated trout streams from wretched point of vegetation.
- Delineate 75-foot undisturbed county buffers of state waters from wretched point of vegetation.
- Identify the project receiving waters and describe adjacent areas – such as streams, lakes, drainage ditches, residential areas etc., which might be affected. Show distance.
- Variance from DeKalb County required for encroachment in 75-foot state waters buffers.
- Variance from GA. E.P.D. required for encroachment in 25-foot state waters buffers.
- Show double row Type –C silt fence between land disturbing activity and state waters, wetlands, and/or I.R.F.
- File notice of intent and notice of termination with GA. E.P.D. and DeKalb County, if land disturbance is one (1) acre or more or within 200 feet of state waters. Submission must be 14 days prior to start of land disturbance activities.
- Phase E&SC plans into an initial perimeter control E&SC plan, intermediate E&SC plan for grading and drainage and a final phase E&SC plan.
- Show total and disturbed acreage (the disturbed area shall be the total estimated disturbed area of the primary and secondary permittees) of the project or phase under construction. Provide calculations for required NPDES fee. Fees are \$40.00 per disturbed acre paid to DeKalb County and \$40.00 per disturbed acre paid to E.P.D. (Show on cover and E&SC sheets).
- Show soil series and their delineation.
- Show limits of disturbance on E&SC plans.
- Provide revision and/or initial date on E&SC plans.

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- Provide description of existing land use at project site and description of proposed project. Include land lot and district numbers for site location. Describe critical areas and what measures will be utilized for these areas.
- Provide name, address and phone number of developer/owner.
- Provide name and phone number of 24 – hour local erosion and sediment control contact.
- Show certification number, signature and seal of qualified plan designer. Show GSWCC Level II certification
- Provide an E&SC plan for a typical lot and each situational lot.
- Provide a narrative for location, method of containment and disposal procedures for concrete truck or mixer wash out.
- Provide a narrative for storage location, method of containment and emergency procedures in the event of a spill or reportable quantity of petroleum products.
- Provide a narrative for paint and/or other chemicals with respect to storage, clean-up and disposal.
- Provide construction activity schedule – show anticipated starting and completion dates, and detailed sequence of events for all activities, including but not limited to:
 - Installation of sediment control measures
 - Installation of temporary sediment basins
 - Installation of detention facilities
 - Clearing, Grubbing and grading operations
 - Grassing – including mulching, temporary and permanent vegetation
 - Maintenance of erosion and sediment control measures
 - Installation of Water Quality devices
 - Final landscaping grassing, cleaning of storm drains, etc.
- Provide vegetative plan for all temporary and permanent vegetative practices, including species, planting dates, seeding, fertilizer, and mulching rates.
- Show location and detail of erosion and sediment control practices, using uniform coding symbols from the manual for Erosion and Sediment Control in Georgia, Chapter 6. Practices may include, but not limited to:
 - Construction exit
 - Sediment Barrier per DeKalb STD. 900
 - Retrofitting
 - Storm Outlet Protection
 - Temporary sediment basin and calculations
 - Storm drain inlet sediment traps
 - Check dams
 - Rock filter dams
 - Down drains
 - Temporary creek crossings

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- Mat blankets
- Other

- Show location of topsoil stockpile on plan (initial phase). Show location of topsoil spread. (final phase)
- Provide location, details and calculations for Water Quality devices.
- Provide 67 cubic yards per acre sediment storage.

Notes on Plan:

- The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to, or concurrent with, land disturbing activities.**
- Erosion control measures will be maintained at all times. If full implementation of the approved plans does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source.**
- Additional erosion and sediment control measures and practices will be installed if deemed necessary by the on-site inspector.
- Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.**
- Erosion and sediment control measures and practices to be inspected daily.
- Cut and fill slopes shall not exceed 3H: 1V on residential projects and shall not exceed 2H: 1V on all other projects.
- Weekly erosion and sediment control reports shall be submitted to the development department starting with the issuance of the development permit and ending when the project is released by the inspector.
- "I certify that the permittee's erosion, sedimentation and pollution control plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document 'Manual for Erosion and Sediment control in Georgia', published by the State Soil and Water Conservation Commission as of January of the year in which the land disturbing activity was permitted, provides for the sampling of the receiving water(s) or the sampling of the storm water outfalls and the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit NO. Gar 10000-."(1,2 or 3).
- "I certify under penalty of law that this plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my direct supervision"

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- Inspections by qualified personnel provided by the primary permittee and the associated records shall be kept on site in compliance with Gar.10000- (1,2 or 3).
- Any impervious water runoff from lots by-passing Water Quality pond must be treated on a lot per lot basis.
- Installation of Water Quality devices shall be concurrent with final stabilization and/or prior to maintenance/performance bond expiration.

Comprehensive NPDES Monitoring Plan:

- Indication that the design professional who prepared the E&SC Plan is to inspect the installation of BMP's within 7 days after initial construction.
- Indication that amendments/revisions to the E&SC plan which have a significant effect on BMP's with a hydraulic component must be certified by the design professional.
- Show an estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities is completed.
- Delineate/ identify all storm water discharge points and all sampling locations.
- Provide indication that waste materials shall not be discharged to waters of the state, except as authorized by a section 404 permits.
- Show documentation that the E&SC Plan is in compliance with waste disposal, sanitary sewer, or septic tank regulations.
- Details on required inspections and record keeping by the primary, secondary and tertiary permittees.
- Describe the analytical methods to be used to collect and analyze the samples from each location.
- Show information on sampling frequency and reporting requirements.
- Show delineation and acreage of contributing drainage basins on the project site. and off-site watersheds using USGS 1":2000' topographical sheets.