

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
 INFRASTRUCTURE CONSTRUCTION PROJECTS

Project Name: SR 18 Bridge over Potato Creek SWCD: Lamar County
 City/County: Lamar County Date on Plans:

Plan Included:
 Dwg# Y/N:

- 54- Y 1. Graphic scale and north arrow.
- 55-01 Y 2. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:
 - Existing Contours: USGS 1" : 2000' topographical sheets
 (See Cross sections) - Proposed Contours: 1" : 400' centerline profile
- 55-01 Y 3. Delineation and acreage of contributing drainage basins on the project site.
- 54- Y 4. Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.
- 54- Y 5. Delineation of 25-foot undisturbed buffers of state waters and 50-foot undisturbed buffers along designated trout streams. Clearly note and delineate all areas of impact.
- 51-01 Y 6. Soil series and their delineation.
- 50-01 Y 7. Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
- 54- Y 8. Limits of disturbance for each phase of construction.
- 50-01 Y 9. Signature, seal and GSWCC Level II certification number of the qualified design professional.
- 53-01 Y 10. Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion.
- 51-01 Y 11. Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written rationale explaining the decision not to use a sediment basin must be included in the plan for each common drainage location in which a sediment basin is not provided. Worksheets from the Manual must be included for structural BMP's and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls.
- 54- Y 12. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Phase plan into initial sediment storage and perimeter control BMP's, intermediate grading and drainage BMP's and final BMP's. Use uniform coding symbols from the Manual, Chapter 6, with legend.
- 51-02 Y 13. Name and phone number of 24-hour local contact responsible for erosion, sedimentation and pollution controls.
- 54- Y 14. Best Management Practices to minimize off-site vehicle tracking of sediments and the generation of dust.
- 55-01 Y 15. Delineate sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged.
- 51-03 Y 16. The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted.
- 55-01 Y 17. Delineate on-site drainage and off-site watersheds using USGS 1" : 2000' topographical sheets.
- 50-01 Y 18. Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
- 55-01 Y 19. Identify the project receiving waters and describe all adjacent areas including streams, lakes, residential areas, wetlands, etc. which may be affected.
- 50-01 Y 20. Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMP's and sampling to meet permit requirements as stated on page 14 of permit.
- 50-01 Y 21. Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 15 of the permit.
- 51-02 Y 22. Indication that non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation without first acquiring the necessary variances and permits.
- 51-01 Y 23. Plan describes practices used to reduce the pollutants in storm water discharges.
- 51-01 Y 24. Indication that the design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements and perimeter control BMP's within 7 days after installation.

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- 50-01 Y 25. Certification statement and signature of the permittee or the duly authorized representative as stated in section V.G.2.d. of the state general permit.
- 51-01 Y 26. Indication that amendments/revisions to the ES&PC Plan which have a significant effect on BMP's with a hydraulic component must be certified by the design professional.
- 51-01 Y 27. Description of the nature of construction activity.
- 51-01 Y 28. Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMP's, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
- 53-01 Y 29. An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
- 51-01 Y 30. Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.
- 51-01 Y 31. Indication that waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit.
- 51-01 Y 32. Documentation that the ES&PC Plan is in compliance with waste disposal, sanitary sewer, or septic tank regulations during and after construction activities have been completed.
- 51-01 Y 33. BMP's for the remediation of all petroleum spills and leaks.
- 51-01 Y 34. Provide complete requirements of the inspections and record keeping by the primary permittee.
- 51-02 Y 35. Description of analytical methods to be used to collect and analyze the samples from each location.
- 51-02 Y 36. Appendix B rationale for outfall sampling points where applicable.
- 51-02 Y 37. Provide complete requirements of sampling frequency and reporting of sampling results.
- 54- Y 38. Provide land lot and district numbers for site location. Describe critical areas and any additional measures that will be utilized for these areas.
- 50-01 Y 39. Provide name, address and phone number of primary permittee.
- 51-02 Y 40. Note total and disturbed acreage of the project or phase under construction.
- 51-01 Y 41. Clearly note statement in bold letters - "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."
- 51-01 Y 42. Clearly note maintenance statement in bold letters - "Erosion control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
- 51-01 Y 43. Clearly note the statement in bold letters - "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
- 52- Y 44. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
- 51-01 Y 45. Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

VOID



Effective January 1, 2009

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REVISION	DATE

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE: CONSULTANT DESIGN
ESPC GENERAL NOTES
 SR 18 BRIDGE
 OVER POTATO CREEK

DRAWING No. **51-03**