

## EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: BROAD RIVER (REGION II)

Project Name: BR000-0005-00(531) Address: SR 191 OVER SCULL SHOAL CREEK  
 City/County: MADISON COUNTY Date on Plans: 11/08/2010

Plan Included  
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TO BE SHOWN ON ES&PC PLAN

- |                                 |                                       |   |                     |                                      |                     |                              |
|---------------------------------|---------------------------------------|---|---------------------|--------------------------------------|---------------------|------------------------------|
| <input type="checkbox"/> 51-003 | <input checked="" type="checkbox"/> Y | 1. 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. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed.)  |                     |                                      |                     |                              |
| <input type="checkbox"/> ALL    | <input checked="" type="checkbox"/> Y | 2. Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC plan or the Plan will not be reviewed)   |                     |                                      |                     |                              |
| <input type="checkbox"/> TBD    | <input type="checkbox"/>              | 3. The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.  |                     |                                      |                     |                              |
| <input type="checkbox"/> TBD    | <input type="checkbox"/>              | 4. Provide name, address and phone number of primary permittee.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 50-001 | <input checked="" type="checkbox"/> Y | 5. Note total and disturbed acreage of the project or phase under construction.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 50-001 | <input type="checkbox"/>              | 6. Provide land lot and district numbers for site location. Describe critical areas and any additional measures that will be utilized for these areas.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 50-001 | <input checked="" type="checkbox"/> Y | 7. Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 50-001 | <input checked="" type="checkbox"/> Y | 8. Graphic scale and north arrow.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 53-001 | <input checked="" type="checkbox"/> Y | 9. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:<br><table border="1" style="margin-left: 20px;"> <tr> <td>Existing Contours :</td> <td>USGS 1" : 2000' Topographical Sheets</td> </tr> <tr> <td>Proposed Contours :</td> <td>1" : 400' Centerline Profile</td> </tr> </table>  | Existing Contours : | USGS 1" : 2000' Topographical Sheets | Proposed Contours : | 1" : 400' Centerline Profile |
| Existing Contours :             | USGS 1" : 2000' Topographical Sheets  |   |                     |                                      |                     |                              |
| Proposed Contours :             | 1" : 400' Centerline Profile          |   |                     |                                      |                     |                              |
| <input type="checkbox"/> 55-001 | <input checked="" type="checkbox"/> Y | 10. Delineation and acreage of contributing drainage basins on the project site.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 55-001 | <input checked="" type="checkbox"/> Y | 11. Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 53-001 | <input checked="" type="checkbox"/> Y | 12. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to state waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 55-001 | <input checked="" type="checkbox"/> Y | 13. Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 53-001 | <input checked="" type="checkbox"/> Y | 14. Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.   |                     |                                      |                     |                              |
| <input type="checkbox"/> ALL    | <input checked="" type="checkbox"/> Y | 15. Soil series for the project site and their delineation.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 55-001 | <input checked="" type="checkbox"/> Y | 16. Identify the project receiving waters and describe all adjacent areas including streams, lakes, residential areas, wetlands, etc. which may be affected.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 51-002 | <input type="checkbox"/> N/A          | 17. Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1/4 mile upstream of and within the same watershed as, any portion of an Biotically Impaired Stream Segment must comply with Part III.C. of the Permit. Include the completed Appendix I listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 51-002 | <input type="checkbox"/> N/A          | 18. If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 18 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 55-001 | <input checked="" type="checkbox"/> Y | 19. Delineate on-site drainage and off-site watersheds using USGS 1" : 2000' topographical sheets.  |                     |                                      |                     |                              |
| <input type="checkbox"/> ALL    | <input checked="" type="checkbox"/> Y | 20. Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.  |                     |                                      |                     |                              |
| <input type="checkbox"/> ALL    | <input checked="" type="checkbox"/> Y | 21. The limits of disturbance for each phase of construction.   |                     |                                      |                     |                              |
| <input type="checkbox"/> 51-001 | <input type="checkbox"/> N            | 22. 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 to use equivalent controls when a sediment basin is not attainable 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 BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. |                     |                                      |                     |                              |
| <input type="checkbox"/> N/A    | <input type="checkbox"/> N/A          | 23. Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at <a href="http://www.gaswcc.org">www.gaswcc.org</a> .   |                     |                                      |                     |                              |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 24. Best Management Practices to minimize off-site vehicle tracking of sediments and the generation of dust.  |                     |                                      |                     |                              |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 25. BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited.   |                     |                                      |                     |                              |

Plan Included  
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|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 26. Provide BMPs for the remediation of all petroleum spills and leaks.  |
| <input type="checkbox"/> ALL    | <input checked="" type="checkbox"/> Y | 27. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.  |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 28. Description of the nature of construction activity.  |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 29. A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs.  |
| <input type="checkbox"/> 51-002 | <input type="checkbox"/> Y            | 30. 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 BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).                 |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 31. Description of the practices that will be used to reduce the pollutants in storm water discharges.   |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 32. 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.   |
| <input type="checkbox"/> 50-001 | <input checked="" type="checkbox"/> Y | 33. 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.   |
| <input type="checkbox"/> 50-001 | <input checked="" type="checkbox"/> Y | 34. Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on page 14 of the permit.  |
| <input type="checkbox"/> 50-001 | <input type="checkbox"/> Y            | 35. 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.  |
| <input type="checkbox"/> 53-001 | <input checked="" type="checkbox"/> Y | 36. An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.   |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 37. Indication that non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of westered vegetation without first acquiring the necessary variances and permits.  |
| <input type="checkbox"/> 51-001 | <input type="checkbox"/> Y            | 38. 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 BMPs within 7 days after installation.   |
| <input type="checkbox"/> 51-001 | <input type="checkbox"/> Y            | 39. Indication that amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.  |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 40. Indication that waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit.  |
| <input type="checkbox"/> 51-001 | <input type="checkbox"/> Y            | 41. 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.   |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 42. Provide complete requirements of inspections and record keeping by the primary permittee.  |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 43. Provide complete requirements of sampling frequency and reporting of sampling results.   |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 44. Provide complete details for retention of records as per Part IV.F. of the permit.   |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 45. Description of analytical methods to be used to collect and analyze the samples from each location.  |
| <input type="checkbox"/> 51-002 | <input checked="" type="checkbox"/> Y | 46. Appendix B rationale for outfall sampling points where applicable.   |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 47. 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."  |
| <input type="checkbox"/> 51-001 | <input type="checkbox"/> Y            | 48. 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."  |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 49. 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."  |
| <input type="checkbox"/> ?      | <input type="checkbox"/> N            | 50. 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.  |
| <input type="checkbox"/> 51-001 | <input checked="" type="checkbox"/> Y | 51. 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. |

Effective January 1, 2010



KARI E. WARD, P.E.  
GSWCC LEVEL II No. 46526

DATE \_\_\_\_\_



REVISION DATES


STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

OFFICE :  
**ESPC GENERAL NOTES**  
SR 191 OVER SCULL SHOAL CREEK  
BRIDGE REPLACEMENT  
BR000-0005-00(531) 4/7/2011

DRAWING No.  
**51-003**