

**APPENDIX 1**  
**THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPs FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.**

The four items chosen must be appropriate for the site conditions.

- | Plan Page #              | Included Y/N             |   |
|--------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | a. During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.   |
| <input type="checkbox"/> | <input type="checkbox"/> | b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.   |
| <input type="checkbox"/> | <input type="checkbox"/> | c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.   |
| <input type="checkbox"/> | YES                      | d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) the construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted. |
| <input type="checkbox"/> | YES                      | e. Use flocculants or coagulant and/or mulch to stabilize all areas left disturbed for more than seven (7) calendar days in accordance with Section III.D.1. of the NPDES Permit.   |
| <input type="checkbox"/> | YES                      | f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Section IV.D.6.d. of the NPDES Permits.  |
| <input type="checkbox"/> | <input type="checkbox"/> | g. Comply with the applicable end-of-pipe turbidity effluent limit without the "BMP defense" as provided in O.C.G.A. 12-7-6 (a)(1).   |
| <input type="checkbox"/> | <input type="checkbox"/> | h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included in the plan.  |
| <input type="checkbox"/> | <input type="checkbox"/> | i. Limit the amount of disturbed area at any one time to no greater than 2.5 acres or 50% of total planned area, whichever is less. All calculations must be included in the plan.  |
| <input type="checkbox"/> | <input type="checkbox"/> | j. Use "Dirt It" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included in the Plan ( <a href="https://epd.georgia.gov/erosion-and-sedimentation">https://epd.georgia.gov/erosion-and-sedimentation</a> ).   |
| <input type="checkbox"/> | <input type="checkbox"/> | k. Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.   |
| <input type="checkbox"/> | <input type="checkbox"/> | l. Use mulch filter berms, in addition to silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.   |
| <input type="checkbox"/> | YES                      | m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.  |
| <input type="checkbox"/> | <input type="checkbox"/> | n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.  |
| <input type="checkbox"/> | <input type="checkbox"/> | o. Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.  |
| <input type="checkbox"/> | <input type="checkbox"/> | p. Conduct soil tests to identify and to implement site-specific fertilizer needs.  |
| <input type="checkbox"/> | <input type="checkbox"/> | q. Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) - (c) of the permit.*   |
| <input type="checkbox"/> | <input type="checkbox"/> | r. Apply the appropriate compost blankets (minimum depth: 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.   |
| <input type="checkbox"/> | <input type="checkbox"/> | s. Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at <a href="http://www.gaswcc.georgia.gov">www.gaswcc.georgia.gov</a> )  |
| <input type="checkbox"/> | <input type="checkbox"/> | t. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the plan.   |
| <input type="checkbox"/> | <input type="checkbox"/> | u. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Section IV.A.5. of the permit. The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.   |
| <input type="checkbox"/> | <input type="checkbox"/> | v. Install Post-Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.   |

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Effective January 1, 2019

\* This item is consistent with Section III.C.2. of the General NPDES GAR100002 permit effective August 1, 2018.

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NTS

REVISION DATES		ESPCP GENERAL NOTES	
		SR 18 BRIDGE REPLACEMENT @ LONG CAME CREEK TROUP COUNTY	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	51-0005	
CORRECTED:	DATE:		
VERIFIED:	DATE:		