

APPENDIX I

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.

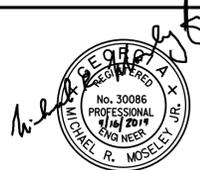
The four items chosen must be appropriate for the site conditions.

- | 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. |
| 51-001 | <input checked="" type="checkbox"/> | d. A large sign (minimum 4 feet x 8 feet) must be on the site on the actual start date of construction visible from a public roadway identifying the construction site, the permittee(s), and the contact person(s) and telephone number(s) until a NOT has been submitted. |
| 54-001
54-002 | <input checked="" type="checkbox"/> | e. Use anionic polyacrylamide (PAM) and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Part III.D.I. of the NPDES Permit. |
| <input type="checkbox"/> | <input type="checkbox"/> | f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Part 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 for 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 on the plan. |
| 51-004 | <input checked="" type="checkbox"/> | i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the plan. |
| <input type="checkbox"/> | <input type="checkbox"/> | j. Use "Dirt" techniques available on the EPD website, www.gaepd.org (e.g., seep berms, sand filters, anionic PAM) to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. |
| <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 a 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"/> | <input type="checkbox"/> | m. Apply the appropriate Georgia Department of Transportation approved erosion control matting or blankets or bonded fiber matrix to all slopes steeper than 3:1. All graphical illustrations must be included on the Plan. |
| <input type="checkbox"/> | <input type="checkbox"/> | n. Use appropriate erosion control matting or blankets instead of concrete in construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event. |
| <input type="checkbox"/> | <input type="checkbox"/> | o. Use anionic PAM 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"/> | p. 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"/> | q. Conduct soil tests to identify and to implement site-specific fertilizer needs. |
| <input type="checkbox"/> | <input type="checkbox"/> | r. Certified personnel for primary permittees shall conduct inspections at least twice 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 Part IV.D.4.a.(3)(a) - (c); secondary permittees, Part IV.D.4.b.(3)(a) - (c); and tertiary permittees Part IV.D.4.c.(3)(a) - (c). |
| <input type="checkbox"/> | <input type="checkbox"/> | s. 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"/> | t. 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 State Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov) |
| <input type="checkbox"/> | <input type="checkbox"/> | u. 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. |

Effective January 1, 2014

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| 51-001 | <input checked="" type="checkbox"/> | r./i. *Certified personnel shall conduct inspections at least once every seven calendar days and within 24 hours of the end of the storm that is 0.5 inches or greater in accordance with part IV.D.4.a.(2). (A) - (C) of this permit.* |
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THE PROJECT CALCULATED DISTURBED AREA IS 2.73 ACRES.
 2.73 ACRES X 0.50 = 1.365 ACRES (CALCULATION FROM ITEM 1, APPENDIX I)
 THE CONTRACTOR MAY NOT DISTURB MORE THAN 1.36 ACRES IN ACCORDANCE WITH ITEM 1 IN APPENDIX I.



GSWCC LEVEL II Certification #0000007827

ATKINS

REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
03/27/2014		OFFICE: PROGRAM DELIVERY	
04/16/2014		ESPC GENERAL NOTES	
		DRAWING No. 51-004	
		SR 400 FROM I-85 TO I-285	