

Part IV. EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN

A SITE-SPECIFIC EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (PLAN) SHALL BE DESIGNED, INSTALLED AND MAINTAINED FOR THE ENTIRE CONSTRUCTION ACTIVITY COVERED BY THIS PERMIT. THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN MUST BE PREPARED BY A DESIGN PROFESSIONAL AS DEFINED BY THIS PERMIT...

THE PLAN SHALL INCLUDE, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION...

(i) EXCEPT AS PROVIDED IN PART IV (iii) BELOW, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR HAS DETERMINED TO ALLOW A VARIANCE THAT IS AT LEAST AS PROTECTIVE OF NATURAL RESOURCES AND THE ENVIRONMENT IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6...

- (1) PUBLIC DRINKING WATER SYSTEM RESERVOIRS. STREAM CROSSINGS FOR WATER LINES AND SEWER LINES. PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER... (2) STREAM CROSSINGS FOR WATER LINES AND SEWER LINES. PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER... (3) STREAM CROSSINGS FOR ANY UTILITY LINES OF ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION...

(ii) NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50 FOOT BUFFER, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, ALONG THE BANKS OF ANY STATE WATERS CLASSIFIED AS TROUT STREAMS, EXCEPT WHEN APPROVAL IS GRANTED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6...

WATER DISCHARGED BY THE STREAM, ANY SUCH PIPE MUST STOP SHORT OF THE DOWNSTREAM PERMITTEE'S PROPERTY, AND THE PERMITTEE MUST COMPLY WITH THE BUFFER REQUIREMENT FOR ANY ADJACENT WATER BODY THAT APPLY TO THE BUFFER REQUIREMENTS...

- (1) PUBLIC DRINKING WATER SYSTEM RESERVOIRS. (2) STREAM CROSSINGS FOR WATER LINES AND SEWER LINES. PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER... (3) STREAM CROSSINGS FOR ANY UTILITY LINES OF ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION...

(iii) EXCEPT AS PROVIDED ABOVE, FOR BUFFERS REQUIRED PURSUANT TO PART IV (i), AND (ii), NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A BUFFER AND A BUFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF VEGETATION UNTIL ALL LAND-DISTURBING ACTIVITIES AT THE CONSTRUCTION SITE ARE COMPLETED, DURING COVERAGE UNDER THIS PERMIT...

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN SHALL IDENTIFY ALL POTENTIAL SOURCES OF POLLUTION WHICH MAY REASONABLY BE EXPECTED TO AFFECT THE QUALITY OF STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE. IN ADDITION, THE PLAN SHALL DESCRIBE AND THE APPLICABLE PERMITTEE SHALL ENSURE THE IMPLEMENTATION OF PRACTICES WHICH WILL BE USED TO REDUCE OR ELIMINATE SOURCE OF POLLUTION...

EXCEPT AS PROVIDED IN PART IV A.2., A SINGLE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN MUST BE PREPARED BY THE PRIMARY PERMITTEE FOR THE STAND ALONE CONSTRUCTION PROJECT.

A. DEADLINES FOR PLAN PREPARATION AND COMPLIANCE

- 1. EXCEPT AS PROVIDED IN PART IV 2., AND PART IV A.6., THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN SHALL BE COMPLETED PRIOR TO SUBMITTING THE NOI AND PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY BY ANY PERMITTEE. FOR CONSTRUCTION ACTIVITIES THAT BEGAN ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT AND WERE SUBJECT TO THE REGULATIONS UNDER THE PREVIOUS PERMIT, THE PERMITTEE(S) SHALL CONTINUE TO OPERATE UNDER THE EXISTING PLAN. 2. FOR CONSTRUCTION ACTIVITIES THAT BEGIN AFTER THE EFFECTIVE DATE OF THIS PERMIT, THE PRIMARY PERMITTEE SHALL BE REQUIRED TO PREPARE THE PLAN FOR THAT PHASE OF THE STAND ALONE DEVELOPMENT THAT CORRESPONDS WITH THE NOI BEING SUBMITTED AND THE PRIMARY PERMITTEE(S) SHALL IMPLEMENT THE PLAN ON OR BEFORE THE DAY CONSTRUCTION ACTIVITIES BEGIN. 3. CONTROLS. EACH PLAN SHALL INCLUDE 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 FOR CONSTRUCTION SITES WHERE THERE WILL BE NO MASS GRADING AND THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND THE PERIMETER CONTROL BMPs...

- a. FOR ALL PROJECTS IDENTIFIED UNDER PART I.C.1.b., WHICH BEGIN AFTER THE EFFECTIVE DATE OF THIS PERMIT, IN A JURISDICTION WHERE THERE IS NO CERTIFIED LOCAL ISSUING AUTHORITY REGULATING THAT PROJECT, A SINGLE COPY OF THE PLAN MUST BE SUBMITTED TO THE EPD WATERSHED PROTECTION BRANCH AND A SECOND COPY OF THE PLAN MUST BE SUBMITTED TO THE EPD DISTRICT OFFICE PRIOR TO OR CONCURRENT WITH THE NOI SUBMITTAL. THE SECOND COPY OF THE PLAN MAY BE SUBMITTED TO THE APPROPRIATE EPD DISTRICT OFFICE AS A PORTABLE DOCUMENT FORMAT (PDF) FILE ON CD-ROM OR OTHER STORAGE DEVICE. THE EPD WATERSHED PROTECTION BRANCH WILL REVIEW THE PLAN FOR DEFICIENCIES USING THE APPLICABLE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN CHECKLIST ESTABLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. b. FOR SITES THAT ARE EQUAL TO OR GREATER THAN 50 ACRES OF DISTURBED AREA, REGARDLESS OF THE EXISTENCE OF A CERTIFIED LOCAL ISSUING AUTHORITY IN THE JURISDICTION, ONE OF THE FOLLOWING SUBMISSIONS IS ALSO REQUIRED:

(i) FOR ALL PROJECTS WHICH BEGIN AFTER THE EFFECTIVE DATE OF THIS PERMIT A SINGLE COPY OF THE NOI AND A SINGLE COPY OF THE PLAN SHALL BE SUBMITTED TO THE APPROPRIATE EPD DISTRICT OFFICE. THIS COPY OF THE PLAN MAY BE SUBMITTED TO THE APPROPRIATE EPD DISTRICT OFFICE AS A PORTABLE DOCUMENT FORMAT (PDF) FILE ON CD-ROM OR OTHER STORAGE DEVICE.

(ii) FOR ALL PROJECTS WHICH BEGAN ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT A SINGLE COPY OF THE NOI AND A SINGLE COPY OF THE PLAN, IF AMENDED, SHALL BE SUBMITTED TO THE APPROPRIATE EPD DISTRICT OFFICE. THIS COPY OF

THE PLAN MAY BE SUBMITTED TO THE APPROPRIATE EPD DISTRICT OFFICE AS A PORTABLE DOCUMENT FORMAT (PDF) FILE ON CD-ROM OR OTHER STORAGE DEVICE.

c. FOR ALL PROJECTS WHERE THE CONSTRUCTION ACTIVITY AS INDICATED ON THE EXISTING NOI HAS CHANGED, THE AMENDED PLANS MUST BE SUBMITTED IN ACCORDANCE WITH PART IV A.4.a. IN ADDITION, THE PERMITTEE MUST FILE A CHANGE OF INFORMATION NOI IN ACCORDANCE WITH PART II.

5. FOR STAND ALONE PROJECTS THAT BEGIN CONSTRUCTION ACTIVITY AFTER THE EFFECTIVE DATE OF THIS PERMIT, THE PRIMARY PERMITTEE MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN OR AN ALTERNATIVE DESIGN PROFESSIONAL APPROVED BY EPD IN WRITING, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPs WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPs HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PRIMARY PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

6. FOR STORM- OR EMERGENCY-RELATED REPAIR WORK, THE PERMITTEE SHALL IMPLEMENT APPROPRIATE BMPs AND CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER. IF THE STORM- OR EMERGENCY-RELATED REPAIR WORK WILL NOT BE COMPLETED WITHIN SIXTY (60) DAYS OF COMMENCEMENT OF CONSTRUCTION ACTIVITY, A SINGLE COPY OF THE PLAN SHALL BE SUBMITTED TO EPD AND THE PERMITTEE SHALL COMPLY WITH ALL REQUIREMENTS OF THIS PERMIT ON THE SIXTY-FIRST (61st) DAY.

B. SIGNATURE AND PLAN REVIEW

1. THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN SHALL BE SIGNED IN ACCORDANCE WITH PART IV., AND BE RETAINED ON THE SITE (OR, IF NOT POSSIBLE, AT A READILY ACCESSIBLE LOCATION) WHICH GENERATES THE STORM WATER DISCHARGE IN ACCORDANCE WITH PART IV.F. OF THIS PERMIT.

2. THE PRIMARY PERMITTEE SHALL MAKE PLANS AVAILABLE UPON REQUEST TO THE EPD, TO DESIGNATED OFFICIALS OF THE LOCAL GOVERNMENT REVIEWING SOIL EROSION AND SEDIMENT CONTROL PLANS, GRADING PLANS, OR STORM WATER MANAGEMENT PLANS, OR IN THE CASE OF A STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY WHICH DISCHARGES THROUGH A MUNICIPAL SEPARATE STORM SEWER SYSTEM WITH AN NPDES PERMIT, TO THE LOCAL GOVERNMENT OPERATING THE MUNICIPAL SEPARATE STORM SEWER SYSTEM.

3. EPD MAY NOTIFY THE PRIMARY PERMITTEE AT ANY TIME THAT THE PLAN DOES NOT MEET ONE OR MORE OF THE MINIMUM REQUIREMENTS OF THIS PART. WITHIN SEVEN (7) DAYS OF SUCH NOTIFICATION (OR AS OTHERWISE PROVIDED BY EPD) THE PRIMARY PERMITTEE SHALL MAKE NECESSARY CHANGES TO THE PLAN AND SHALL SUBMIT TO EPD EITHER THE AMENDED PLAN OR WRITTEN CERTIFICATION THAT THE REQUESTED CHANGES HAVE BEEN MADE.

C. KEEPING PLANS CURRENT.

THE PRIMARY PERMITTEE(S) SHALL AMEND THEIR PLAN WHENEVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION, OR MAINTENANCE, WHICH HAS A SIGNIFICANT IMPACT ON BMPs WITH A HYDRAULIC COMPONENT (I.E., THOSE BMPs WHERE THE DESIGN IS BASED UPON RAINFALL INTENSITY, DURATION AND RETURN FREQUENCY PARAMETERS) OR IF THE PLAN PRACTICES ARE INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS TO SOURCE LOCATIONS IDENTIFIED UNDER PART IV D.3. AMENDMENTS TO THE PLAN MUST BE CERTIFIED BY A DESIGN PROFESSIONAL AS PROVIDED IN THIS PERMIT.

D. CONTENTS OF PLAN

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN SHALL INCLUDE, AS A MINIMUM, BEST MANAGEMENT PRACTICES, INCLUDING SOUND CONSERVATION AND ENGINEERING PRACTICES TO PREVENT AND MINIMIZE EROSION AND RESULTANT SEDIMENTATION, WHICH ARE CONSISTENT WITH, AND NO LESS STRINGENT THAN, THOSE PRACTICES CONTAINED IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, AS WELL AS THE FOLLOWING:

- 1. CHECKLISTS. EACH PLAN SHALL INCLUDE A COMPLETED EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN CHECKLIST ESTABLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED AND AMENDMENTS TO THE APPLICABLE CHECKLIST AS APPROVED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION UP UNTIL THE DATE OF THE NOI SUBMITTAL. THE APPLICABLE CHECKLISTS ARE AVAILABLE ON THE EPD WEBSITE, WWW.GAEPD.ORG. 2. SITE DESCRIPTION. EACH SITE-SPECIFIC PLAN SHALL PROVIDE A DESCRIPTION OF POLLUTANT SOURCES AND OTHER INFORMATION AS INDICATED: a. A DESCRIPTION OF THE NATURE OF THE CONSTRUCTION ACTIVITY; b. A DETAILED DESCRIPTION AND CHART OR TIMELINE OF THE INTENDED SEQUENCE OF MAJOR ACTIVITIES WHICH DISTURBS SOILS FOR MAJOR PORTIONS OF THE SITE (I.E., INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER BMPs, CLEARING AND GRUBBING ACTIVITIES, EXCAVATION ACTIVITIES, GRADING ACTIVITIES, INFRASTRUCTURE ACTIVITIES, IMMEDIATE AND FINAL STABILIZATION ACTIVITIES); c. ESTIMATES OF THE TOTAL AREA OF THE SITE AND THE TOTAL AREA OF THE SITE THAT IS EXPECTED TO BE DISTURBED BY EXCAVATION, GRADING, OR OTHER ACTIVITIES; d. AN ESTIMATE OF THE RUNOFF COEFFICIENT OR PEAK DISCHARGE FLOW OF THE SITE PRIOR TO THE CONSTRUCTION ACTIVITIES AND AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED AND EXISTING DATA DESCRIBING THE SOIL OR THE QUALITY OF WATER DISCHARGE FROM THE SITE; e. A SITE-SPECIFIC MAP INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER MAJOR GRADING ACTIVITIES, AREAS OF SOIL DISTURBANCE, AN OUTLINE OF AREAS WHICH ARE NOT TO BE DISTURBED, THE LOCATION OF MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS), AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO A SURFACE WATER; AND f. IDENTIFY THE RECEIVING WATER(S) AND AREAL EXTENT OF WETLAND ACREAGE AT THE SITE. 3. CONTROLS. EACH PLAN SHALL INCLUDE 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 FOR CONSTRUCTION SITES WHERE THERE WILL BE NO MASS GRADING AND THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND THE PERIMETER CONTROL BMPs...

THE PLAN WILL CLEARLY DESCRIBE FOR EACH MAJOR ACTIVITY IDENTIFIED IN PART IV.D.2.b. APPROPRIATE CONTROL MEASURES AND THE TIMING DURING THE CONSTRUCTION PROCESS THAT THE MEASURES WILL BE IMPLEMENTED. THE PRIMARY PERMITTEE IS ENCOURAGED TO UTILIZE THE DOCUMENT DEVELOPING YOUR STORMWATER POLLUTION PREVENTION PLAN, A GUIDE FOR CONSTRUCTION SITES (EPA 833-G-06-94, MAY 2007) (WWW.EPA.GOV/NPDES/PUBS/SW_PPP_GUIDE.PDF). WHEN PREPARING THE PLAN, THE DESCRIPTION AND IMPLEMENTATION OF CONTROLS SHALL ADDRESS THE FOLLOWING MINIMUM COMPONENTS:

a. EROSION AND SEDIMENT CONTROLS

(1). STABILIZATION MEASURES. A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION MEASURES, INCLUDING SITE-SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE MEASURES. SITE PLANS SHOULD ENSURE THAT EXISTING VEGETATION IS PRESERVED AND THAT DISTURBED PORTIONS OF THE SITE ARE STABILIZED. STABILIZATION MEASURES MAY INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION, AND OTHER APPROPRIATE MEASURES. A RECORD OF THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR, WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE, AND WHEN STABILIZATION MEASURES ARE INITIATED SHALL BE INCLUDED IN THE PLAN, EXCEPT AS PROVIDED IN PARAGRAPH IV D.3 (a)(1)(a), AND (b) BELOW. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

(a) WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

(b) WHERE CONSTRUCTION ACTIVITY WILL REMAIN ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITY CEASES (E.G., TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASING IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.

(2). STRUCTURAL PRACTICES. A DESCRIPTION OF STRUCTURAL PRACTICES TO DIVERT FLOWS FROM EXPOSED SOILS, STOP FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE TO THE DEGREE ATTAINABLE. SUCH PRACTICES MAY INCLUDE SILT FENCES, EARTH DIKES, DRAINAGE SWALES, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK INLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GULLIES, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. STRUCTURAL PRACTICES SHOULD BE DESIGNED TO UPLAND SOILS TO THE DEGREE ATTAINABLE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CWA.

(3). SEDIMENT BASINS. FOR COMMON DRAINAGE LOCATIONS AT A TEMPORARY (OR PERMANENT) SEDIMENT BASIN PROVIDING AT LEAST 1800 CUBIC FEET (67 CUBIC YARDS) OF STORAGE PER ACRE DRAINED, OR EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. THE 1800 CUBIC FEET (67 CUBIC YARDS) OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFF-SITE AREAS AND FLOWS FROM ON-SITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. FOR DRAINAGE LOCATIONS WHERE A TEMPORARY SEDIMENT BASIN PROVIDING AT LEAST 1800 CUBIC FEET (67 CUBIC YARDS) OF STORAGE PER ACRE ARE DRAINED, OR EQUIVALENT CONTROLS IS NOT ATTAINABLE, SEDIMENT TRAPS, SILT FENCES, WOOD MULCH BERMS OR EQUIVALENT SEDIMENT CONTROLS ARE REQUIRED FOR ALL SIDE SLOPE AND DOWN SLOPE BOUNDARIES OF THE CONSTRUCTION AREA. WHEN THE SEDIMENT FILLS TO A VOLUME AT MOST OF 22 CUBIC YARDS PER ACRE FOR EACH ACRE OF DRAINAGE AREA, THE SEDIMENT SHALL BE REMOVED TO RESTORE THE ORIGINAL DESIGN VOLUME. THIS SEDIMENT MUST BE PROPERLY DISPOSED. SEDIMENT BASINS MAY NOT BE FEASIBLE AT SOME CONSTRUCTION PROJECTS. CAREFUL CONSIDERATION MUST BE USED TO DETERMINE WHEN A SEDIMENT BASIN CANNOT BE USED AND/OR WHEN 67 CUBIC YARDS OF STORAGE PER ACRE DRAINED IS NOT ATTAINABLE AND A WRITTEN JUSTIFICATION EXPLAINING THE DECISION(S) MUST BE INCLUDED IN THE PLAN. PERENNIAL AND INTERMITTENT WATERS OF THE STATE SHALL NOT BE USED FOR TEMPORARY OR PERMANENT SEDIMENT DETENTION.

WHEN DISCHARGING FROM SEDIMENT BASINS AND IMPOUNDMENTS, PERMITTEES ARE REQUIRED TO UTILIZE OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE, UNLESS INFEASIBLE. IF OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE ARE NOT FEASIBLE, A WRITTEN JUSTIFICATION EXPLAINING THIS DECISION MUST BE INCLUDED IN THE PLAN. OUTLET STRUCTURES THAT WITHDRAW WATER FROM THE SURFACE ARE TEMPORARY BMPs AND MUST BE REMOVED PRIOR TO SUBMITTING A NOTICE OF TERMINATION. FOR CONSTRUCTION ACTIVITIES WHERE THE NOI WAS SUBMITTED PRIOR TO JANUARY 1, 2014, THIS REQUIREMENT OF THE PERMIT IS NOT APPLICABLE.

(4). ALTERNATIVE BMPs. THE USE OF ALTERNATIVE BMPs WHOSE PERFORMANCE HAS BEEN DOCUMENTED TO BE EQUIVALENT OR SUPERIOR TO CONVENTIONAL BMPs AS CERTIFIED BY A DESIGN PROFESSIONAL MAY BE ALLOWED (UNLESS DISAPPROVED BY EPD OR THE STATE SOIL AND WATER CONSERVATION COMMISSION).

(5). HIGH PERFORMANCE BMPs. THE USE OF INFILTRATION TRENCHES, SEEP BERMS, SAND FILTERS, DRY WELLS, POLYACRYLAMIDE, ETC. FOR MINIMIZING POINT SOURCE DISCHARGES EXCEPT FOR LARGE RAINFALL EVENTS IS ENCOURAGED.

b. STORM WATER MANAGEMENT. A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. STRUCTURAL MEASURES SHOULD BE PLACED ON UPLAND SOILS TO THE DEGREE ATTAINABLE. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CWA. THIS PERMIT ONLY ADDRESSES THE INSTALLATION OF STORM WATER MANAGEMENT MEASURES, AND NOT THE ULTIMATE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION. OPERATORS ARE ONLY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT MEASURES PRIOR TO FINAL STABILIZATION OF THE SITE, AND ARE NOT RESPONSIBLE FOR MAINTENANCE AFTER STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY HAVE BEEN ELIMINATED FROM THE SITE.

(1). SUCH PRACTICES MAY INCLUDE: STORM WATER DETENTION STRUCTURES (INCLUDING WET PONDS); STORM WATER RETENTION STRUCTURES; FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS; INFILTRATION OF RUNOFF ON-SITE; AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES) THE PLAN SHALL INCLUDE AN EXPLANATION OF THE TECHNICAL BASIS USED TO SELECT THE PRACTICES TO CONTROL POLLUTION WHERE FLOWS EXCEED PRE-DEVELOPMENT LEVELS.

(2). VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL FOR THE PURPOSE OF PROVIDING A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., NO SIGNIFICANT CHANGES IN THE HYDROLOGICAL REGIME OF THE RECEIVING WATER(S)).

(3). INSTALLATION AND USE OF GREEN INFRASTRUCTURE APPROACHES AND PRACTICES THAT MIMIC NATURAL PROCESSES AND DIRECT STORM WATER WHERE IT CAN BE INFILTRATED, EVAPOTRANSPIRATED OR RE-USED WITH SIGNIFICANT UTILIZATION OF SOILS AND VEGETATION RATHER THAN TRADITIONAL HARDSCAPE COLLECTION, CONVEYANCE AND STORAGE STRUCTURES ARE ENCOURAGED TO THE MAXIMUM EXTENT PRACTICABLE. GREEN INFRASTRUCTURE PRACTICES OR APPROACHES INCLUDE PERMEABLE OR POROUS PAVING, VEGETATED SWALES INSTEAD OF CURBS AND GUTTERS, GREEN ROOFS, TREE BOXES, RAIN GARDENS, CONSTRUCTED WETLANDS, INFILTRATION PLANTERS, VEGETATED MEDIAN STRIPS, PROTECTION AND ENHANCEMENT OF RIPARIAN BUFFERS AND FLOODPLAINS, AND THE OVERALL REDUCTION IN SITE DISTURBANCE AND IMPERVIOUS AREA. DESIGN INFORMATION ON GREEN INFRASTRUCTURE PRACTICES AND OTHER WAYS TO MANAGE STORM WATER CAN BE FOUND IN THE GEORGIA STORMWATER MANAGEMENT MANUAL (WWW.GEORGIASTORMWATER.COM) AND THE GEORGIA GREEN GROWTH GUIDELINES (WWW.COASTALGADNR.ORG/CM/GREEN/GUIDE). ADDITIONAL INFORMATION ON GREEN INFRASTRUCTURE CAN BE FOUND AT WATER.EPA.GOV/INFRASTRUCTURE/ GREENINFRASTRUCTURE/INDEX/CFM.



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