

SCDHEC STANDARD SEDIMENT & EROSION CONTROL NOTES:

- IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE BROWS DURING CONSTRUCTION. TEMPORARY BROWS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- 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 FOURTEEN (14) DAYS AFTER WORK HAS CEASED EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INSTALLED INAPPROPRIATELY OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FULL COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER ENCOUNTERED WHILE BROWING, THE WATER SHOULD BE FILTERED TO REMOVE SEDIMENT BEFORE BEING PUMPED BACK INTO WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONSIDERATIONS MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL EROSION CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE THE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD FROM PAVED AREAS AS NECESSARY.
- RESIDENTIAL SUBDIVISIONS WITHOUT EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS PUBLIC UTILITIES CONSTRUCTION, INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION TO THE EXTENT OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-202 ET SEQ. AND SCDHEC 2007 EDITION REGARDING TEMPORARY AND PERMANENT COVER, GRASSING, LIMING, FERTILIZING, AND MULCHING.
- TEMPORARY EROSION BROWS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PREVENT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WSD), INCLUDING WETLANDS, ARE TO BE PROTECTED. OTHER WATERS CLEARLY MARKED IN THE FIELD, A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE SOIL IS EXPOSED PARTLY IF MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WSD. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WSD.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS SHALL BE PROTECTED FROM IMPACT SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER AND CONSTRUCTION MATERIALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PROTECTED FROM BECOMING A POLLUTANT SOURCE BY COVERING OR REMOVING THEM FROM THE CONSTRUCTION SITE.
- A COPY OF THE SWPPP, INSPECTION RECORDS, AND ALL OTHER RECORDS MUST BE MAINTAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING WORKING HOURS. FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE OF FINAL STABILIZATION IS COMPLETED.
- INITIAL STABILIZATION SHALL BE COMPLETED DURING WORKING HOURS. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFORMANCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- LANDSCAPE PLANTING SHALL BE COMPLETED WITHIN 7 CALENDAR DAYS.
- MINIMIZE THE RELEASE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS, WHICH MUST BE COLLECTED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT TO THE DISCHARGE.
- THE DISCHARGE OF POLLUTANTS FROM TRENCHES AND EXCAVATED AREAS, THESE DISCHARGES ARE TO BE PROTECTED FROM IMPACT.
- THE FOLLOWING DISCHARGES FROM SITE ARE PROHIBITED:
 - WASTEWATER FROM WASH WATER AND CLEAN-OUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS, AND OTHER CONSTRUCTION MATERIALS.
 - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE, AND OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. EXISTING INSPECTIONS MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE. INSPECTIONS FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFORMANCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.
- IF AN EXISTING DETENTION/ SEDIMENT BASIN IS BEING MODIFIED TO HANDLE THE FLOWS FROM THE PROPOSED DEVELOPMENT, THEN IT MUST BE MODIFIED BEFORE LAND-DISTURBING ACTIVITIES BEGIN ON THE SITE. THIS SHOULD BE INCLUDED IN THE SEQUENCE.
- INCLUDE INDIVIDUAL LOT DEVELOPMENT/ CONSTRUCTION IN THE SEQUENCE IF THE SITE WILL NOT BE MASS-GRADED.
- INSTALLATION OF SOME PERMANENT WATER QUALITY DEVICES SHOULD OCCUR AFTER THE SITE IS STABILIZED. INCLUDE THIS IN THE SEQUENCE. CLEAN-OUT OF OTHER WATER QUALITY DEVICES THAT WERE USED DURING CONSTRUCTION SHOULD OCCUR AFTER SITE STABILIZATION.
- MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.

SEEDING SCHEDULE NOTES:

- CONTRACTOR SHALL ADHERE TO SCDHEC SUPPLEMENTAL TECHNICAL SPECIFICATIONS SO-M-BLD-2 (04/11) WHICH REPLACES SECTION 04-10.02.00 IN THE SCDHEC STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2007 EDITION REGARDING TEMPORARY & PERMANENT COVER, GRASSING, LIMING, FERTILIZING, AND MULCHING.
- CONTRACTOR SHALL PERFORM TEMPORARY COVER WITH MULCH SEEDING AS OUTLINED IN SO-M-BLD-2 (04/11) WITHIN 47 DAYS WHEN A SITE WILL NOT BE WORKED ON FOR 14 DAYS OR MORE.
- CONTRACTOR SHALL PERFORM PERMANENT COVER WITH SEEDING WITHIN 14 DAYS OF WHEN THE SITE WAS LAST WORKED.

SCDHEC STANDARD CONSTRUCTION SEQUENCE:

- RECEIVE NPDES COVERAGE FROM DHEC.
- PRE-CONSTRUCTION MEETING ON-SITE IF MORE THAN 10 ACRES OF NON-LINEAR.
- NOTIFY DHEC EDC REGIONAL OFFICE OR DCEM OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
- INSTALLATION OF CONSTRUCTION ENTRANCES.
- INSTALLATION OF PERIMETER CONTROLS (E.G., SILT FENCE).
- CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
- CLEARING & GRUBBING ONLY IN AREAS OF BASINS/ TRAPS/ PONDS.
- INSTALLATION OF BASINS/ TRAPS/ PONDS AND INSTALLATION OF DIVERSIONS TO THOSE STRUCTURES (OUTLET STRUCTURES MUST BE COMPLETELY INSTALLED AS SHOWN ON THE DETAILS BEFORE PROCEEDING TO NEXT STEP). AREAS DRAINING TO THESE STRUCTURES CANNOT BE DISTURBED UNTIL THE STRUCTURES AND DIVERSIONS TO THE STRUCTURES ARE COMPLETELY INSTALLED.
- CLEARING & GRUBBING OF SITE OR DEMOLITION (SEDIMENT & EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).
- ROUGH GRADING.
- INSTALLATION OF STORM DRAIN SYSTEM AND PLACEMENT OF INLET PROTECTION AS EACH INLET IS INSTALLED.
- FINE GRADING, PAVING, ETC.
- PERMANENT/ FINAL STABILIZATION.
- CLEAN-OUT OF DETENTION BASINS THAT WERE USED AS SEDIMENT CONTROL STRUCTURES AND REE GRADING OF DETENTION POND BOTTOMS. IF NECESSARY, MODIFICATION OF SEDIMENT BASIN RISER TO CONVERT TO DETENTION BASIN OUTLET STRUCTURE.
- REMOVAL OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AFTER EXTERIOR AREAS DRAINING TO THE STRUCTURE IS FINALLY STABILIZED. THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER/ OPERATOR HAVE THE SWPPP PREPARED OR REGISTERED EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES.
- PERFORM AS-BUILT SURVEYS OF ALL DETENTION STRUCTURES AND SUBMIT TO DHEC OR WSA FOR ACCEPTANCE.
- SUBMIT NOTICE OF TERMINATION (NOTI) TO DHEC AS APPROPRIATE.

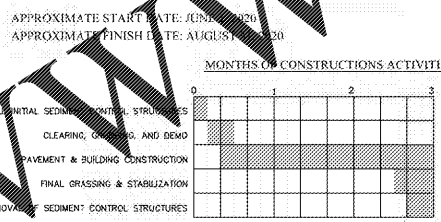
NOTE:
IF FLOWS FROM OFFSITE AREAS WILL BE DIVERTED AROUND THE SITE AND THE ON-SITE STRUCTURES ARE NOT DESIGNED TO HANDLE FLOWS FROM THE OFFSITE AREAS, THEN THE DIVERSIONS/ PIPING FOR THE OFFSITE FLOWS MUST BE INSTALLED BEFORE LAND-DISTURBING ACTIVITIES BEGIN ON THE SITE. INCLUDE THIS IN THE SEQUENCE. SEDIMENT AND EROSION CONTROL MEASURES FOR THE DISTURBED AREAS FOR THE DIVERSIONS/ PIPING MUST BE INSTALLED BEFORE THESE AREAS ARE DISTURBED AND SHOULD BE SHOWN ON THE PLANS.

NOTE:
IF AN EXISTING DETENTION/ SEDIMENT BASIN IS BEING MODIFIED TO HANDLE THE FLOWS FROM THE PROPOSED DEVELOPMENT, THEN IT MUST BE MODIFIED BEFORE LAND-DISTURBING ACTIVITIES BEGIN ON THE SITE. THIS SHOULD BE INCLUDED IN THE SEQUENCE.

NOTE:
INCLUDE INDIVIDUAL LOT DEVELOPMENT/ CONSTRUCTION IN THE SEQUENCE IF THE SITE WILL NOT BE MASS-GRADED.

NOTE:
INSTALLATION OF SOME PERMANENT WATER QUALITY DEVICES SHOULD OCCUR AFTER THE SITE IS STABILIZED. INCLUDE THIS IN THE SEQUENCE. CLEAN-OUT OF OTHER WATER QUALITY DEVICES THAT WERE USED DURING CONSTRUCTION SHOULD OCCUR AFTER SITE STABILIZATION.

NOTE:
MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES MUST CONTINUE UNTIL THE SITE IS PERMANENTLY STABILIZED AND THE CONTROLS ARE REMOVED.



South Carolina Department of Health and Environmental Control	MAPPING SYMBOLS FOR EROSION AND SEDIMENT CONTROL PLANS	South Carolina Department of Health and Environmental Control	MAPPING SYMBOLS FOR EROSION AND SEDIMENT CONTROL PLANS	South Carolina Department of Health and Environmental Control	MAPPING SYMBOLS FOR EROSION AND SEDIMENT CONTROL PLANS
	EFFECTIVE DATE: AUGUST, 2005		EFFECTIVE DATE: AUGUST, 2005		EFFECTIVE DATE: AUGUST, 2005
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
EROSION PREVENTION		EROSION PREVENTION		SEDIMENT CONTROL	
LAND GRADING:	LG OR	FCM (GENERIC GROWTH MATS)	FGM	SEDIMENT BASINS:	
SURFACE REINFORCEMENT:		BSM (WOOLY FIBER MATS)	BEM	TEMPORARY SEDIMENT TRAP:	
TOPSOILING:		PERMANENT SEEDING:	PS	ROCK SEDIMENT BARR:	
TEMPORARY SEEDING:	TS	SODDING:	SO	ROCK CHECK DAM:	
MULCHING:	M	BIPRAP:		SEDIMENT TUBE:	
ECB OR TRM (EROSION CONTROL BLANKET OR TURF REINFORCEMENT MATTING)		OUTLET PROTECTION:		SILT FENCE:	
				REINFORCED SILT FENCE:	
		DC (DUST CONTROL)	DC	TYPE A - FABRIC INLET PROTECTION:	A
		PAM (POLYACRYLAMIDE PAM)	PAM	TYPE A - SEDIMENT TUBE INLET PROTECTION:	A

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	EFFECTIVE DATE: AUGUST, 2005		EFFECTIVE DATE: AUGUST, 2005
DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	B	REMOVE CONVEYANCE MEASURES:	
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	C	TEMPORARY STREAM CROSSING:	
TYPE D - BRID INLET FILTERS:	D	TEMPORARY DIVERSION DITCH OR WALL:	TD
TYPE E - SURFACE COURSE CURB INLET FILTER:	E	PERMANENT DIVERSION DITCH:	PD
TYPE F - INLET TUBE:	F	DIVERSION DIKE OR BURN:	DD
ROCK SEDIMENT DIKE:		LEVEL SPREADER:	LS
BENEFIT CONVEYANCE MEASURES:		SEMPERPARA MAT:	SSD
VEGETATED CHANNELS:		CONCRETE ENTRANCE:	
BIPRAP LINED CHANNELS:			
ECB OR FIBER LINED CHANNELS:			
PAVED CHANNELS:			
PIPE SLOPE DRAINS:			

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