GAR100001 ADDITIONAL CONTRACTOR REQUIREMENTS:

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 PERIMETER CONTROL BMPS, INTERMEDIATE GRADING AND DRAINAGE BMPS, AND FINAL BMPS ARE THE SAME, THE PLAN MAY COMBINE ALL OF THE BMPS INTO A SINGLE PHASE PLAN. THE PLAN WILL INCLUDE APPROPRIATE STAGING AND ACCESS REQUIREMENTS FOR CONSTRUCTION EQUIPMENT. PLANS SUBMITTED AFTER THE EFFECTIVE DATE OF THIS PERMIT SHALL LIMIT THE AMOUNT OF DISTURBED AREA TO NO GREATER THAN 50 ACRES AT ANY ONE TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE APPROPRIATE EPD DISTRICT OFFICE ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. EPD WILL APPROVE OR DISAPPROVE SUCH REQUESTS WITHIN 35 DAYS OF RECEIPT. FAILURE OF EPD TO ACT WITHIN 35 DAYS SHALL BE CONSIDERED AN APPROVAL OF SUCH REQUESTS. IF THE EPD DISTRICT OFFICE APPROVES A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME, THE PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE BEST MANAGEMENT PRACTICES LISTED IN PART III, C.2. OF THIS PERMIT.

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-R-060-04, MAY 2007 (WWW.EPA.GOV/NPDES/PUBS/SW_SWPPP_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 PARAGRAPHS IV.D.3.(A).(1).(A). AND (B). BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SIRE 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 CEASE IS PRECLUDED BY SNOW COVER OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE.

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

(2) STRUCTURAL PRACTICES. A DESCRIPTION OF STRUCTURAL PRACTICES TO DIVERT FLOWS FROM EXPOSED SOILS, STORE 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 OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. STRUCTURAL PRACTICES SHOULD BE PLACED ON 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 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 NO-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 LEAST1800 CUBIC FEET (67 CUBIC YARDS) OF STORAGE PER ACRE 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 SUED 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) ALTERNATE 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 FILLERS, 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 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.

c. OTHER CONTROLS

(1) WATER DISPOSAL. LOCATE WASTE COLLECTION AREAS AWAY FROM STREETS, GUTTERS, WATERCOURSES AND STORM DRAINS. WASTE COLLECTION AREAS, SUCH AS DUMPSTERS, ARE OFTEN BEST LOCATED NEAR CONSTRUCTION SITE ENTRANCES TO MINIMIZE TRAFFIC ON DISTURBED SOILS. THE PLAN SHOULD INCLUDE SECONDARY CONTAINMENT AROUND LIQUID WASTE COLLECTION AREAS TO FURTHER MINIMIZE THE LIKELIHOOD OF CONTAMINATED DISCHARGES. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

(2) OFF-SITE VEHICLE TRACKING OF DIRT, SOILS AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. THE PLAN SHALL INCLUDE THE BEST MANAGEMENT PRACTICE TO BE IMPLEMENTED AT THE SITE OR CONSTRUCTION ACTIVITY.

(3) NOTHING IN THIS PERMIT RELIEVES A PERMITTEE FROM ANY OBLIGATION TO COMPLY WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS OF WASTE DISPOSAL, SANITARY SEWER, SEPTIC AND PETROLEUM STORAGE SYSTEMS.

(4) THE PLAN SHALL INCLUDE BEST MANAGEMENT PRACTICES FOR THE REMEDIATION OF ALL PETROLEUM SPILLS AND LEAKS AS APPROPRIATE.

(5) THE PLAN SHALL INCLUDE BEST MANAGEMENT PRACTICES FOR CONCRETE WASHDOWN OF TOLLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. ADDITIONAL INFORMATION ABOUT BEST MANAGEMENT PRACTICES FOR CONCRETE WASHOUT IS AVAILABLE AT WWW.EPA.GOV/NPDES/PUBS/CONCRETEWASHOUT.PDF.

(6) ALL PERMITTEES ARE REQUIRED TO MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING TRENCHES AND EXCAVATIONS. DISCHARGES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS.

4. INSPECTIONS.

a. PERMITTEE REQUIREMENTS.

(1) EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLES FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(2) MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.

(3) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 2 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BYT EH PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.

(4) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS RECEIVED BY EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER (S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).

(5) BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

(6) A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5) OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATIVE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2 OF THIS PERMIT.

5. MAINTENANCE. THE PLAN SHALL INCLUDE A DESCRIPTION OF PROCEDURES TO ENSURE THE TIMELY MAINTENANCE OF VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THE SITE PLAN.

6. SAMPLING REQUIREMENTS. THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY HOMES WHICH ARE NOT PART OF A SUBDIVISION OR PLANNED COMMON DEVELOPMENT UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

a. *SAMPLING REQUIREMENTS* SHALL INCLUDE THE FOLLOWING:

(1) A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (A) THE LOCATION OF ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORM WATER IS DISCHARGED AND (B) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO SUE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORM WATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP;

(2) A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE, AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION;

(3) WHEN THE PERMITTING HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SITE OF THE SURFACE WATER DRAINAGE AREA, AND THE TYPE OF RECEIVING WATER(S) (I.E., TROUT STREAM OR SUPPORTING WARM WATER FISHERIES); AND

(4) ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN. EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.

b. *SAMPLE TYPE.* ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSES OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLES "NPDES" STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

(1) SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

(2) SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.

(3) LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

(4) MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVE DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.

(5) SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

c. *SAMPLING POINTS.*

(1) FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATER(S), OR ALL OUTFALLS(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S). SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES.

(a) THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E. THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.

(b) THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.

(c) IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).

(d) CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.

(e) THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.

(f) THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.

(g) PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIAL IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION).

(h) ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS III.D.3. OR III.D.4...,WHICHEVER IS APPLICABLE.

d. *SAMPLING FREQUENCY.*

(1) THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.

(2) HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT0, OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

(3) SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

(a) FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION;

(b) IN ADDITION TO (A ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 SAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;

(c) AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE ALL, IF BMP'S IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM A OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;

(d) WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JURISDICTION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JURISDICTION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND

(e) EXISTING CONSTRUCTION ACTIVITIES, I.E. THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

7. **NON-STORM WATER DISCHARGES.** EXCEPT FOR FLOWS FROM FIREFIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER LISTED IN PART III.A.2, OF THIS PERMIT THAT ARE COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

E. REPORTING.

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER (2) BEYOND THE MINIMUM FREQUENCY STATED IN THIS *PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART* V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;

b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;

c. THE DATE(S) ANALYSES WERE PERFORMED;

d. THE TIME(S) ANALYSES WERE INITIATED;

e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSIS.

f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;

g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC. USED TO DETERMINE THESE RESULTS;

h. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU", AND

I. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE IF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO E SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

F. RETENTION OF RECORDS.

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;

b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;

c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5. OF THIS PERMIT;

d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;

e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;

f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND

g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT.

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORT, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BYT HIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THE YEAS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

ES&PC CHECKLIST NOTES

1. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY CONTRACTOR BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES. *(CHECKLIST ITEM 19)*

2. 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. *(CHECKLIST ITEM 20)*

3. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN FOURTEEN (14) DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING. *(CHECKLIST ITEM 21)*

4. ON-SITE WETLANDS AND STATE WATER HAVE BEEN DELINEATED ON AND WITHIN 200 FEET OF THE PROJECT SITE. *(CHECKLIST ITEM 41)*

5. CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE. *(CHECKLIST ITEM 24)*

6. BMPS FOR PETROLEUM SPILLS AND LEAKS:
LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL. MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS. SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS. FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER) THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675. FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS. FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED. THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THE LICENSED PROFESSIONAL. *(CHECKLIST ITEM 25)*

7. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COSTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS. CONTRACTOR SHALL HAVE ALL SUCH AREAS DELINEATED AND FLAGGED ONSITE PRIOR TO ANY LAND DISTURBING ACTIVITY. CONTRACTOR SHALL ALSO BE REQUIRED TO HONOR ADDITIONAL BUFFERS IN PLACE ALONG WATERS OF THE STATE IN EXCESS OF THE 25 FEET THAT MAY BE PROTECTED BY THE LOCAL JURISDICTION. *(CHECKLIST ITEM 15)*

8. THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN IS TO INSPECT THE INSTALLATION OF INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER BEING NOTIFIED OF THE INSTALLATION BY EITHER THE PRIMARY PERMITTEE OR CONTRACTOR. *(CHECKLIST ITEM 14)*

9. THE CONTRACTOR (OPERATOR) SHALL MODIFY/REDLINE THE PLANS AS NECESSARY TO COINCIDE WITH THE ACTUAL BMP INSTALLATIONS IN THE FIELD AS OUTLINED IN O.C.G.A. sec.12-7-3.(10.1) "OPERATOR' MEANS THE PARTY OR PARTIES THAT HAVE: (A) OPERATIONAL CONTROL OF CONSTRUCTION PROJECT PLANS AND SPECIFICATIONS, INCLUDING THE ABILITY TO MAKE MODIFICATIONS TO THOSE PLANS AND SPECIFICATIONS, OR (B) DAY-TO-DAY OPERATIONAL CONTROL OF THOSE ACTIVITIES THAT ARE NECESSARY TO ENSURE COMPLIANCE WITH A STORM-WATER POLLUTION PREVENTION PLAN FOR THE SITE OR OTHER PERMIT CONDITIONS, SUCH AS A PERSON AUTHORIZED TO DIRECT WORKERS AT A SITE TO CARRY OUT ACTIVITIES REQUIRED BY THE STORM-WATER POLLUTION PREVENTION PLAN OR TO COMPEL WITH OTHER PERMIT CONDITIONS."

10. ANY AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. *(CHECKLIST ITEM 17)*

11. WASTE MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED INTO STORM WATER INLETS OR WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL. ALL OTHER WASTE MATERIALS WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCURES. *(CHECKLIST ITEM 18)*

12. THE ES&PC PLAN SHALL BE IN COMPLIANCE WITH WASTE DISPOSAL, SANITARY SEW4ER, OR SEPTIC TANK REGULATIONS DURING AND AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.

13. HAZARDOUS WASTES: ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT THE SITE PERSONNEL IN THESE PRACTICES. MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USED AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCP FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL CONTROL TECHNIQUES. THE CONTAINER WILL IMPLEMENT THE SPILL PREVENTION CONTROL COUNTERMEASURES FOUND WITHIN THIS PLAN AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORM WATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORM WATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATION ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORM WATER.

14. SANITARY WASTES: A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND STATE REGULATIONS. ALL SANITARY WASTE UNITS WILL BE LOCATED IN ONE AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGES IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED, SUCH AS GRAVEL BAGS OR SPECIFICALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE BASE, TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES. THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE EROSION CONTROL PLAN GRADING PHASE, SHEET C-4.2 BY THE CONTRACTOR ONCE THE LOCATIONS HAVE BEEN DETERMINED. SANITARY SEWER WILL BE PROVIDED BY MUNICIPAL AUTHORITY/ SEPTIC SYSTEM AT THE COMPLETION OF THE PROJECT.

15. DUMPSTERS: ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE POSTED AT THE JOB SITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

16. DESCRIPTION OF PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES: PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLE AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS. *(CHECKLIST ITEM 27)*

17. PAINTS/FINISHES/SOLVENTS - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE PRODUCTS AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

18. FERTILIZER/HERBICIDES - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OF IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

19. ALL APPLICABLE PORTIONS OF THE ES&PC PLAN SHALL BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE SECONDARY PERMITTEE CONDUCTING ANY CONSTRUCTION ACTIVITY. EACH SECONDARY PERMITTEE SHALL SIGN THE PLAN OR THEIR PORTION OF THE PLAN AS APPLICABLE TO THEIR SPECIFIC SITE.

20. CRITICAL SLOPE AREAS SHALL BE TREATED WITH ADDITIONAL BMP MEASURES SUCH AS MULCH, TEMPORARY SEEDING, SURFACE ROUGHENING, MATTING BLANKETS.

21. PRIMARY PERMITTEE: DAWSON COUNTY SCHOOLS, 28 MAIN STREET, DAWSONVILLE, GEORGIA 30534. CONTACT PERSON: MR. SCOTT MORGAN. PHONE NUMBER 706-265-3246, FAX NUMBER 706-265-1226. *(CHECKLIST ITEM 5)*

22. PROJECT LOCATION/GPS LOCATION: 34°24'47" N, 84°06'19" W. ADDRESS: 1665 PERIMETER ROAD, DAWSONVILLE, GEORGIA 30534; LAND LOT 429, NORTH HALF 13TH DISTRICT, 1ST SECTION, DAWSON COUNTY, GEORGIA. PARCEL ID: 093070 (8898). *(CHECKLIST ITEM 7)*

23. THE PROJECT SITE DOES NOT DISCHARGE STORM WATER INTO AN IMPAIRED STREAM OR WITHIN ONE (1) LINEAR MILE OF AND WITHIN AND WITHIN THE SAME WATERSHED OF ANY BIOTA IMPAIRED STREAM SEGMENT. *(CHECKLIST ITEM 22)*

24. MAINTENANCE OF ALL EROSION CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENTS, SHALL AT ALL TIMES BE THE RESPONSIBILITY OF THE OWNER.

GENERAL EROSION CONTROL NOTES

1. CONTRACTOR IS TO ADHERE TO THE CITY OF DAWSONVILLE & DAWSON COUNTY EROSION AND SEDIMENT CONTROL REGULATIONS AND TO THE SPECIFIC REQUIREMENTS FOR THE STATE OF GEORGIA.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS PRIOR TO ANY LAND DISTURBING ACTIVITY, AND SHALL KEEP COPIES OF SUCH PERMITS ONSITE AT ALL TIMES IN THE CONSTRUCTION TRAILER. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH NPDES PERMIT REQUIREMENTS.

3. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OWNER TO ENSURE IMPLEMENTATION OF ANY MONITORING PROGRAM IN ACCORDANCE WITH STATE SPECIFIC REQUIREMENTS.

4. THE CONTRACTOR IS RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF ALL EROSION CONTROL MEASURES AS CALLED FOR ON THE APPROVED PLANS AND SPECIFICATIONS.

5. CONTRACTOR SHALL CERTIFY THAT ALL FILL AREAS HAVE BEEN COMPACTED TO A MINIMUM 95% COMPACTION.

6. CONTRACTOR SHALL PROVIDE NECESSARY MEANS TO PREVENT AIRBORNE EROSION INCLUDING MULCHES, SPRAY-ON ADHESIVES, OR SURFACE IRRIGATION.

7. CONTRACTOR SHALL REMOVE TEMPORARY BMP'S AT THE END OF THE PROJECT AFTER THE SITE IS FULLY STABILIZED AND A NOTICE OF TERMINATION HAS BEEN FILED.

8. CONTRACTOR SHALL SELECT TEMPORARY STOCKPILE LOCATION FOR SEDIMENT POND SOIL TO BE HELD TEMPORARILY IF NECESSARY AND TO ENSURE PROPER EROSION CONTROL FOR STOCKPILE.

9. EROSION CONTROL PRACTICES SUCH AS SILT FENCE, SEDIMENT/DETENTION BASINS, AND CONSTRUCTION EXITS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ONSITE.

10. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY COVER OF MULCH.

11. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIP RAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.

12. A MINIMUM OF 15 SQUARE YARDS OF 50 POUND STONE SHALL BE PLACED AT ALL DOWNSTREAM HEADWALLS DURING CONSTRUCTION.

13. SILT FENCE SHALL BE LOCATED ONSITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING THE PROPERTY LIMITS. ALL SILT FENCE SHALL BE MAINTAINED CONTINUOUSLY BY THE CONTRACTOR DURING CONSTRUCTION. ALL FILL SLOPES AT THE SITE PREMETER WILL HAVE DOUBLE ROW SILT FENCE, MULCH FILTER BERMS, AND BRUSH BARRIERS AT THE TOE OF SLOPE.

14. SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE.

15. ALL CUT AND FILL SLOPES MUST BE SURFACE ROUGHENED AND VEGETATED WITHIN THREE (3) DAYS AFTER GRADING IS COMPLETE.

16. ALL SLOPES THAT EXCEED EIGHT (8) VERTICAL FEET SHALL BE STABILIZED BY THE CONTRACTOR WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO GRASSING/HYDROSEEDING.

17. EROSION CONTROL DEVICES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL PERMANENT GROUND COVER HAS BEEN ESTABLISHED AND A NOTICE OF TERMINATION HAS BEEN SUBMITTED TO THE APPROPRIATE AUTHORITY.

18. MAXIMUM EMBANKMENT OF SLOPES SHALL BE AS FOLLOWS:
CUT AREAS - 2:1, FILL AREAS - 2:1
(UNLESS SPECIFICALLY APPROVED BY SOILS ENGINEER)

19. DURING AND AFTER CONSTRUCTION, DETENTION PONDS AND DETENTION POND OUTLET STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT. BOTTOM OF PONDS SHALL BE BROUGHT TO ELEVATION AND SHAPED AS SHOWN ON THE GRADING PLAN.

20. SEEDS FOR GRASSED SLOPED AREAS USE BOTH TALL FESCUE GRASS AT 30-40 POUNDS PER ACRE AND CLEAN, COMBINE-RUN VIGATA OR SERICEA LESPEDEZA AT 60-75 POUNDS PER ACRE.

21. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL FINAL STABILIZATION AND A NOTICE OF TERMINATION HAS BEEN FILED.

22. STABILIZATION MEASURES SHALL BE IMPLEMENTED AS SOON AS IS PRACTICAL, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE, MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED, UNLESS ACTIVITY WITHIN THAT PORTION OF THE SITE WILL RESUME WITHIN TWENTY-ONE DAYS.

23. CONTRACTOR SHALL TAKE ALL MEANS TO DIRECT RUNOFF TO SEDIMENT BASINS PRIOR TO LEAVING THE SITE.

24. STRIPPING OF VEGETATION, GRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION.

25. A DETENTION POND WILL BE INSTALLED DURING CONSTRUCTION AND WILL SERVICE TO CONTROL POLLUTANTS IN STORM WATER THAT MAY OCCUR AFTER CONSTRUCTION HAS BEEN COMPLETED.

26. ADEQUATE PROVISION SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY COVER OF MULCH.

27. CONTRACTOR SHALL TAKE NECESSARY PRECAUTION SO THAT CUTS AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTY.

28. FILLS SHALL NOT ENCROACH UPON NATURAL WATERWAYS OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER DOWNSTREAM PROPERTY OWNERS.

29. ALL GRADING EQUIPMENT SHALL CROSS FLOWING STREAMS BY THE MEANS OF APPROVED AND PERMITTED STREAM CROSSINGS UTILIZING BRIDGES OR CULVERTS. ALL SUCH CROSSINGS SHALL BE KEPT TO A MINIMUM.

30. PROVISIONS SHALL BE MADE FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON SITE OR PRECLUDE SEDIMENTATION OF ADJACENT WATERS.

31. CONTRACTOR SHALL NOT BE PERMITTED TO PLACE ANY FILL MATERIAL INTO AREAS DESIGNATED AS WETLAND BY THE U.S. ARMY CORPS OF ENGINEERS UNLESS SPECIFIC PERMITS FOR SUCH FILL HAVE BEEN OBTAINED.

32. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT THE CONSTRUCTION SITE, THE CONTRACTOR SHALL PROVIDED CERTIFIED PERSONNEL TO INSPECT: (A) ALL AREAS AT THE SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT; (B) ALL LOCATIONS AT THE SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING; AND (C) MEASURE RAINFALL ONCE EACH TWENTY FOUR HOUR PERIOD AT THE SITE. THESE INSPECTIONS MUST BE CONDUCTED UNTIL ANOTICE OF TERMINATION IS SUBMITTED. REPORT OF THESE INSPECTIONS SHOULD BE SENT VIA U.S. MAIL TO THE OWNER AND TO THE ARCHITECT.

33. CERTIFIED PERSONNEL (PROVIDED BY THE CONTRACTOR) 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 OR GREATER THE FOLLOWING: (A) DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT UNDERGONE FINAL STABILIZATION; (B) ALL AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION THAT HAVE NOT UNDERGONE FINAL STABILIZATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED. REPORT OF THESE INSPECTIONS SHOULD BE SENT VIA U.S. MAIL TO THE OWNER AND TO THE ARCHITECT.

34. CERTIFIED PERSONNEL (PROVIDED BY THE CONTRACTOR) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS FILED). THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). REPORT OF THESE INSPECTIONS SHOULD BE SENT VIA U.S. MAIL TO THE OWNER AND TO THE ARCHITECT.

35. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.

36. A REPORT SUMMARIZING THE SCOPE OF EACH INSPECTION AND THE NAME(S) OF PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AT THE SITE AND COPY SENT TO THE OWNER AND TO THE ARCHITECT UNTIL ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED. SUCH REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN.

37. NO CUT OR FILL SLOPES STEEPER THAN 2:1 ARE ALLOWED.

PROJECT NARRATIVE

1. IDENTIFY THE PROJECT RECEIVING WATERS AND DESCRIBE ALL ADJACENT AREAS INCLUDING STREAMS, LAKES, RESIDENTIAL AREAS, WETLANDS, ETC. WHICH MAY BE AFFECTED.
THIS PROJECT SITE IS LOCATED ON THE SOUTHWESTERN PORTION OF DAWSON COUNTY HIGH SCHOOL CAMPUS IN DAWSONVILLE, DAWSON COUNTY, GEORGIA. THE SCHOOL CAMPUS IS BOUNDED BY PERIMETER ROAD ON THE WEST, RESIDENTIAL AREA ON THE SOUTH, UNDEVELOPED WOODED AREAS ON THE EAST AND NORTH. ACCORDING TO A TOPOGRAPHIC SURVEY OF THE PROPERTY, THE SURFACE WATER GENERATED FROM THE EAST PORTION OF THE PROJECT SITE DRAINS TO THE EAST TOWARDS THE CREEK AND DELINEATED WETLAND LOCATED TO THE EAST OF THE PROJECT SITE; STORM WATER GENERATED FROM THE WEST PORTION OF THE PROJECT SITE DRAINS TO THE WEST, WHICH IT IS INTERCEPTED BY A ROADWAY SIDE DITCH WHICH FLOWS TOWARD TO THE EAST. EVENTUALLY STORM WATER FROM BOTH EAST AND WEST PORTION OF THE PROJECT SITE FLOWS TO AN UNNAMED TRIBUTARY OF PALMER CREEK WHICH IS LOCATED APPROXIMATELY 1,0200 FEET TO THE FURTHER EAST OF THE DAWSON COUNTY HIGH SCHOOL CAMPUS.

ON-SITE INVESTIGATIONS REVEALED THE PRESENCE OF STATE WATERS AND WETLAND ON-SITE. CURRENT LIMITS OF DISTURBANCE KEEP ALL CONSTRUCTION ACTIVITIES OUT OF STATE WATERS BUFFERS. *(CHECKLIST ITEM 11)*

2. DESCRIPTION OF THE NATURE OF CONSTRUCTION ACTIVITY AND THE POLLUTANT SOURCES:
THE PROJECT SITE IS AN UNDEVELOPED WOODED AREA WITHIN THE HIGH SCHOOL CAMPUS. THIS SITE IMPROVEMENTS WILL CONSIST OF DEMOLITION MOSTLY OF EXISTING WOODS WHICH INTERFERES WITH NEW CONSTRUCTION. ONE 35,800 S.F. ONE-STORY CAREER ACADEMY BUILDING ALONG WITH PARKING AREAS, SIDEWALKS, AND DRIVEWAYS ARE PROPOSED. ADDED IMPERVIOUS AREAS INCLUDING THE NEW BUILDING WILL DRAIN TO AN ADS UNDERGROUND DETENTION FACILITY LOCATED IN THE FRONT PARKING AREA. THIS UNDERGROUND DETENTION SYSTEM ALONG WITH WATER QUALITY SYSTEM IS DESIGNED BY ADS. THE POLLUTANT SOURCES WILL BE SILT, SEDIMENT, AND OTHER SUSPENDED SOLIDS DURING THE CONSTRUCTION PROCESS AS WELL AS RUNOFF FROM THE IMPERVIOUS AREAS AFTER CONSTRUCTION. *(CHECKLIST ITEM 9)*

3. 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:

THE BMPs THAT WILL BE IMPLEMENTED DURING THE CONSTRUCTION PROCESS CONSIST OF THE FOLLOWING: (1) PHASE I: CONSTRUCTION ENTRANCES, TREE PROTECTION FENCES, SILT FENCES AT PERIMETER OF SITE, SILT FENCES & STRAW BALE BARRIER AT TOE OF EXISTING SLOPES, CONSTRUCT TEMPORARY SEDIMENTATION TRAPS, TEMPORARY DIVERSION CHANNELS, AND DUST CONTROL, (2) PHASE II: DURING THE INTERMEDIATE CONSTRUCTION PHASE: CONSTRUCTION ENTRANCES, PERIMETER CONTROL SILT FENCING, BRUSH BARRIERS AT THE TOE OF SLOPES, COMPOST FILTER SOCKS ALONG EMBANKMENT SLOPES AND ALONG UTILITY TRENCH, TEMPORARY SEDIMENT TRAPS, DIVERSION DITCHES TO DIRECT STORM WATER RUN OFF TO TEMPORARY SEDIMENT TRAP, TEMPORARY INLET PROTECTIONS AT EXISTING STORM STRUCTURES AND NEW STORM STRUCTURES, STABILIZE DISTURBED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE WITH MULCH OR SEEDING, APPLY ANIONIC FORMS OF PAMS TO STABILIZE AREAS LEFT DISTURBED FOR MORE THAN SEVEN (7) DAYS, EROSION CONTROL MATTING AND BLANKETS, SLOPE STABILIZATION, AND OUTLET PROTECTION RIP-RAP, AND (3) PHASE III: FINAL BMPs SHALL INCLUDE PERMANENT SEEDING & SODDING, A PERMANENT UNDERGROUND STORM WATER FACILITY. *(CHECKLIST ITEM 35).*

4. 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 BMP'S, CLEARING AND GRUBBING ACTIVITIES, EXCAVATION ACTIVITIES, UTILITY ACTIVITIES, TEMPORARY AND FINAL STABILIZATION):
THE CONSTRUCTION SEQUENCE SHALL START WITH THE INSTALLATION OF SEDIMENT CONTROLS, SUCH AS PERIMETER FENCING AND SEDIMENT STORAGE BMP'S, BEFORE CLEARING AND GRADING IS COMMENCED. STORM AND SANITARY SEWER INSTALLATION SHALL FOLLOW ALONG WITH THE PERMANENT UNDERGROUND STORMWATER FACILITY. TEMPORARY AND PERMANENT SEEDING SHALL BE USED AS NECESSARY DURING THIS PROCESS WHILE EROSION CONTROL MEASURES ARE TO BE MAINTAINED CONTINUOUSLY THROUGHOUT THE PROJECT. BUILDING AND PAVING CONSTRUCTION WILL FOLLOW THE UTILITY INSTALLATION AND THE PROJECT SHALL BE FINALIZED WITH LANDSCAPING AND CLEANUP. *(CHECKLIST ITEM 28)*

5. DESCRIPTION OF THE PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN THE STORM WATER DISCHARGES:
DURING CONSTRUCTION PHASES, TEMPORARY EXCAVATED SEDIMENTATION TRAPS AND A TEMPORARY SEDIMENTATION BASIN WILL BE USED TO PREVENT SEDIMENTS AND SILT FROM DISCHARGING TO DOWN STREAM TO REDUCE THE POLLUTANTS IN THE STORM WATER DISCHARGES. ONCE CONSTRUCTION IS COMPLETE, ONE STORM WATER DETENTION FACILITY WILL BE USED TO PROVIDE WATER QUALITY TREATMENT AND RUNOFF ATTENUATION BEFORE THEY REACH THE OUTFALL LOCATION.
(CHECKLIST ITEM 27)

6. DESCRIPTION OF THE MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATION HAVE BEEN COMPLETED:
THIS SITE IMPROVEMENTS WILL HAVE ONE UNDERGROUND DETENTION STORM WATER SYSTEM WHICH WILL ATTENUATE THE FLOW OF WATER FROM THE SITE TO PRE CONSTRUCTION CONDITIONS. THE UNDERGROUND SYSTEM WILL INCLUDE ISOLATE ROWS TO TREAT THE FIRST 1.2" RAINFALL FOR WATER QUALITY CONTROL TO ALLOW THE SUSPENDED SOLIDS TO SETTLE OUT BEFORE THE RUNOFF IS DISCHARGED FROM THE SYSTEM. DOWNSTREAM CHANNEL INTEGRITY WILL BE PRESERVED BY MEANS OF A 24 HOUR DRAW DOWN OF THE DEVELOPED 1 YEAR 24 HOUR RAINFALL EVENT WITHIN THE SYSTEM. THIS FORM OF CHANNEL PROTECTION, AS DESCRIBED IN THE GEORGIA "BLUE BOOK", WILL HELP ENSURE THAT CRITICAL EROSIVE DISCHARGE VELOCITIES AND FLOW VOLUMES ARE NOT EXCEEDED. *(CHECKLIST ITEM 26)*

7. AN ESTIMATE OF THE TOTAL SITE AREA AND THE SITE AREA THAT IS EXPECTED TO BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES:
TOTAL SITE AREA = 60.0 ACRES±
TOTAL DISTURBED AREA = 5.1± ACRES.
(CHECKLIST ITEM 6)

8. AN ESTIMATE OF THE RUNOFF COEFFICIENT OR PEAK DISCHARGE FLOW OF THE SITE PRIOR TO AND AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED:
AN ESTIMATION OF THE 2 YEAR RUNOFF DISCHARGE PRIOR TO AND AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED ARE AS FOLLOWS:

PRE-CONSTRUCTION = 3.04 CFS, POST-CONSTRUCTION = 1.95 CFS AFTER DETENTION

AN ESTIMATION OF THE 100 YEAR RUNOFF DISCHARGE PRIOR TO AND AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED ARE AS FOLLOWS:

PRE-CONSTRUCTION = 12.84 CFS, POST-CONSTRUCTION = 6.22 CFS AFTER DETENTION
(CHECKLIST ITEM 44)

9. LIST OF ALL BMPs THAT WILL BE USED FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO THE IMPAIRED STREAM SEGMENT. (SEE PART III.C.2 (a) - (l) OF THE PERMIT) MUST INCLUDE AT LEAST 4 OF THE LISTED BMPs AND THE IMPAIRED STREAM SEGMENT SHOULD BE SHOWN ON THE PLANS:
N/A
(CHECKLIST ITEM 22)

10. IF A TMDL IMPLEMENTATION PLAN FOR SEDIMENT HAS BEEN FINALIZED FOR THE IMPAIRED STREAM SEGMENT 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 AND SHOULD BE SHOWN HERE):
N/A
(CHECKLIST ITEM 23)

11. PROVIDE A DESCRIPTION OF ANY BUFFER ENCROACHMENTS AND INDICATE WHETHER A BUFFER VARIANCE IS REQUIRED.
N/A: A 25' UNDISTURBED VEGETATIVE BUFFER ADJACENT TO ALL RUNNING STREAMS AND CREEKS WILL BE LEFT MAINTAINED. NO NON-EXEMPT ACTIVITIES SHALL TAKE PLACE IN THE BUFFER AREAS WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCE AND PERMITS. THE 25' UNDISTURBED BUFFER IS NOT LOCATED WITHIN THE PROJECT'S LIMITS OF DISTURBANCE. THEREFORE, A BUFFER VARIANCE IS NOT REQUIRED. *(CHECKLIST ITEM 16)*

DESIGN PROFESIONAL STATEMENTS

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "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, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001."

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATION DEPICTED IN THE DRAWINGS BY ME OR BY MY AUTHORIZED AGENT UNDER MY DIRECT SUPERVISION."

[signature] 5/7/18
L. TAYLOR ROBERTSON — DATE

ESPCP CHECKLIST

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS

SWCD: ____

Project Name: Dawson County College & Career Academy Address: 1665 Perimeter Road
City/County: Dawsonville / Dawson Date on Plans: 4/23/2018
Name&email of person filling out checklist: S.Z. szhou@rlrpc.com

TO BE SHOWN ON ES&PC PLAN

Plan Page #	Included Y/N	Item
C-4.4	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)
Y25	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)
N/A	Y	3 Limits of disturbance shall be no greater than 50 acres at any one time without prior written authorization from the EPD District Office. If EPD approves the request to disturb 50 acres or more at any one time, the plan must include at least 4 of the BMPs listed in Appendix 1 of this checklist.* (A copy of the written approval by EPD must be attached to the plan for the plan to be reviewed.)
C-4.1-4.4	Y	4 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
COVER & C-4.4	Y	5 Provide the name, address and phone number of primary permittee. **ES&PC CHECKLIST NOTE #21**
4.4	Y	6 Note total and disturbed acreage of the project or phase under construction. **PROJECT NARRATIVE NOTE #7**
4.4	Y	7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees. **ESPC CHECKLIST NOTE #22**
ALL	Y	8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
4.4	Y	9 Description of the nature of construction activity. **PROJECT NARRATIVE NOTE #2**
COVER	Y	10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
4.4	Y	11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected. **PROJECT NARRATIVE NOTE #1**
4.4	Y	12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on page 19 of the permit.
4.4	Y	13 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 15 of the permit. **FOR #14: SEE ESPC CHECKLIST NOTE #8**
4.4	Y	14 Clearly note the statement 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."
4.4	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits." **ESPC CHECKLIST NOTE #7**
4.4	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required. **PROJECT NARRATIVE NOTE #11**
4.4	Y	17 Clearly note the statement 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."* **ESPC CHECKLIST NOTE #10**
4.4	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a section 404 permit."* **ESPC CHECKLIST NOTE #11**
4.4	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities." **ESPC CHECKLIST NOTE #1**
4.4	Y	20 Clearly note statement that "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." **ESPC CHECKLIST NOTE #2**
4.4	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding." **ESPC CHECKLIST NOTE #3**
4.4	Y	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the Permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment.* **PROJECT NARRATIVE NOTE #9 & ESPC CHECKLIST NOTE #23**
4.4	Y	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 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.* **PROJECT NARRATIVE NOTE #10**
4.4	Y	24 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.* **ESPC CHECKLIST NOTE #5**
4.4	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks. **ESPC CHECKLIST NOTE #6**
4.4	Y	26 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.* **PROJECT NARRATIVE NOTE #6**
4.4	Y	27 Description of the practices that will be used to reduce the pollutants in storm water discharges.* **PROJECT NARRATIVE NOTE #5**
COVER & C-4.4	Y	28 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). **PROJECT NARRATIVE NOTE #4**
4.4	Y	29 Provide complete requirements of inspections and record keeping by the primary permittee.*
4.4	Y	30 Provide complete requirements of sampling frequency and reporting of sampling results.*
4.4	Y	31 Provide complete details for retention of records as per Part IV.F. of the permit.*
4.4	Y	32 Description of analytical methods to be used to collect and analyze the samples from each location.*
4.1	Y	33 Appendix B rationale for NTU values at all outfall sampling points where applicable.*
4.1-4.3	Y	34 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged.*
4.4	Y	35 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 perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the BMPs into a single phase.* **PROJECT NARRATIVE NOTE #3**
4.1-4.3	Y	36 Graphic scale and North arrow.
4.1-4.3	Y	37 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:
N/A	N	38 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 www.gaswcc.org.
N/A	N	39 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.*
4.1-4.4	Y	40 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.
4.1-4.4	Y	41 Delineation of on-site wetlands and all state waters located on and within 200 feet of the project site. **ESPC CHECKLIST NOTE #4**
4.1-4.3	Y	42 Delineation and acreage of contributing drainage basins on the project site.
HYDRO	Y	43 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions.*
4.4	Y	44 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. **NARRATIVE NOTE #8**
4.2	Y	45 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
4.1-4.3	Y	46 Soil series for the project site and their delineation.
4.1-4.3	Y	47 The limits of disturbance for each phase of construction.
4.1-4.2	Y	48 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 justification 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. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual included for structural BMPs and all calculations used by the storage design professional to obtain the required sediment when using equivalent controls. When discharging from sediment basins and impoundments, permitees 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 feasable, a written justification explaining this decision must be included in the plan.
4.1-4.3	Y	49 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.
C-6.5-C-6.7	Y	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.
4.1-4.3	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 the year that seeding will take place and for the appropriate geographic region of Georgia.

Map Scale	Ground Slope	Contour Intervals, ft.
1 inch = 100ft or larger scale	Flat 0 - 2%	0.5 or 1
	Rolling 2 - 8%	1 or 2
	Steep 8% +	2.5 or 10

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A

Effective January 1, 2018

EROSION, SEDIMENTATION, & POLLUTION CONTROL PLAN - NOTES

IF YOU DIG GEORGIA... CALL US FIRST! UTILITIES PROTECTION CENTER IT'S THE LAW
Know what's below. Call before you dig

24 HR EMERGENCY CONTACT
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GEORGIA REGISTERED PROFESSIONAL ENGINEER No. 2318 L. TAYLOR ROBERTSON
5/7/18
GSWCC LEVEL II DESIGN PROF. CERT#0000010552

Dawson County College and Career Academy
Dawsonville, Georgia
FOR:
Dawson County Schools
Overall Squarefootage = 35,800 SF
FTE = 1625
IUs = 74 (Existing) + 11 (New) = 85 IUs
(Facility No. 642-0198)

REVISIONS

EROSION, SEDIMENT. & POLLUTION CONTROL PLAN - NOTES

DATE 05-07-2018

PROJECT NUMBER 17-303

C - 4.4

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