

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPCP) IS PROVIDED FOR THE CONTRACTOR'S USE. IF THE CONTRACTOR ELECTS TO ALTER THE STAGE CONSTRUCTION FROM THAT SHOWN ON THE PLANS, AND THE ENGINEER APPROVES THE REQUEST, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVISE THE ESPCP TO REFLECT ALL CHANGES IN STAGING. THIS WILL ALSO INCLUDE ANY REVISIONS TO EROSION AND SEDIMENTATION CONTROL ITEM QUANTITIES. MAJOR MODIFICATION OR DELETION OF SPECIFIED STRUCTURAL BMP'S THAT ARE SPECIFIED IN THE ESPCP WILL REQUIRE A FORMAL REVISION OF THE ESPCP AND THE SIGNATURE OF A GSWCC LEVEL II DESIGN PROFESSIONAL. ADDITIONAL BMP'S MAY BE ADDED AS DIRECTED BY THE ENGINEER.

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPURS:

THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPCP) IS PROVIDED FOR THE CONTRACTOR'S USE. IF THE CONTRACTOR ELECTS TO ALTER THE STAGE CONSTRUCTION FROM THAT SHOWN ON THE PLANS, AND THE ENGINEER APPROVES THE REQUEST, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVISE THE ESPCP TO REFLECT ALL CHANGES IN STAGING. THIS WILL ALSO INCLUDE ANY REVISIONS TO EROSION AND SEDIMENTATION CONTROL ITEM QUANTITIES. MAJOR MODIFICATION OR DELETION OF SPECIFIED STRUCTURAL BMP'S THAT ARE SPECIFIED IN THE ESPCP WILL REQUIRE A FORMAL REVISION OF THE ESPCP AND THE SIGNATURE OF A GSWCC LEVEL II DESIGN PROFESSIONAL. ADDITIONAL BMP'S MAY BE ADDED AS DIRECTED BY THE ENGINEER.

MAINTENANCE AND STABILIZATION MEASURES:

ALL STRUCTURAL BMP'S SHALL BE MAINTAINED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ALL SEDIMENT CONTROL DEVICES (EXCEPT SEDIMENT BASINS) INSTALLED ON A PROJECT SHALL AS A MINIMUM, BE CLEARED OF SEDIMENT ONCE EACH HALF THE CAPACITY, BY HEAVY, DEPTH, OR VOLUME HAS BEEN REACHED. SEDIMENT BASINS SHALL BE CLEARED OF SEDIMENT WHEN ONE-THIRD THE CAPACITY BY VOLUME HAS BEEN REACHED.

AS A MINIMUM THE CONTRACTOR SHALL COMPLETE THE PERMANENT GRASSING, OR TEMPORARY GRASSING, OR MULCHING, AS APPROPRIATE AND IN ACCORDANCE WITH CONTRACT DOCUMENTS, ON ALL CUT AND FILL SLOPES ON A WEEKLY BASIS DURING GRADING OPERATIONS, EXCEPT PROJECTS WITH TOTAL OF 3 ACRES OR LESS OF GRASSING MAY BE PROTECTED FOR UP TO TWO WEEKS. WHEN CONSTRUCTION WARRANT, THE ENGINEER MAY REQUIRE MORE FREQUENT INTERVALS FOR THIS WORK. IT IS EXTREMELY IMPORTANT TO GET A STABILIZING COVER IN PLACE, WHETHER IT IS MULCH, TEMPORARY GRASS OR PERMANENT GRASS. ADEQUATE MULCH IS A MUST.

WHEN GRASSING OPERATIONS OR OTHER SOIL DISTURBING ACTIVITIES HAVE BEEN COMPLETED, THE CONTRACTOR SHALL MAINTAIN THE STABILIZED AREAS. PERFORM NEEDED GRASSING, MOW, AND/OR EROSION CONTROL WORK AS SHOWN IN THE PLANS, SUBMITTED BY THE CONTRACTOR OR AS DIRECTED BY THE ENGINEER.

TEMPORARY GRASS SHALL BE USED WHEN REQUIRED BY THE CONTRACT DOCUMENTS OR AS DIRECTED BY THE ENGINEER TO CONTROL EROSION IN AREAS WHERE PERMANENT GRASSING CANNOT BE PLANTED. TEMPORARY GRASS SHALL BE USED WHERE AN AREA OF THE LONG TERM DESIGN IS NOT YET DESIGNED. IT IS EXPECTED TO LAST WHICH IS 60 CALENDAR DAYS, AFTER 60 CALENDAR DAYS, AREAS WITH ONLY MULCH SHALL BE PLANTED WITH TEMPORARY GRASS AND MULCHED AGAIN.

TEMPORARY GRASS SHALL BE A QUICK GROWING SPECIES SUITABLE TO THE AREA AND SEASON, SEEDS SHALL CONFORM TO THE REQUIREMENTS OF CONTRACT DOCUMENTS, SEEDING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, EXCEPT THAT GROUND PREPARATION SHALL BE THE MINIMUM REQUIRED TO PROVIDE A SEED BED WHERE FURTHER GRADING WILL BE REQUIRED. AREAS THAT REQUIRE NO FURTHER GRADING SHALL BE PREPARED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. LIFE SHALL BE COTTED UNLESS THE AREA WILL LATER BE PLANTED IN PERMANENT GRASS WITHOUT FURTHER GRADING, IN WHICH CASE, LIFE WILL BE APPLIED ACCORDING TO THE CONTRACT DOCUMENTS, MIXED GRADE FERTILIZER SHALL BE APPLIED AT THE RATE OF 40 POUNDS PER ACRE. NITROGEN SHALL BE COTTED. ALL TEMPORARY GRASS SHALL BE PLANTED IN ACCORDANCE WITH CONTRACT DOCUMENTS.

ALL AREAS WHERE TEMPORARY GRASS HAS BEEN PLANTED SHALL BE PREPARED IN ACCORDANCE WITH CONTRACT DOCUMENTS PRIOR TO PLANTING PERMANENT GRASS.

WHERE STAGED CONSTRUCTION (OR OTHER CONDITIONS NOT CONTROLLED BY THE CONTRACTOR) PROHIBITS THE COMPLETION OF A ROADWAY SECTION IN A CONTINUOUS MANNER, THE CONTRACTOR SHALL APPLY MULCH TO CONTROL EROSION FOR A PERIOD OF 60 CALENDAR DAYS OR LESS, AFTER 60 CALENDAR DAYS, AREAS STABILIZED WITH MULCH SHALL BE PLANTED WITH TEMPORARY GRASS AND MULCHED AGAIN.

MULCH SHALL BE APPLIED AND UNIFORMLY SPREAD IN ACCORDANCE WITH CONTRACT DOCUMENTS.

WHEN GRASSING OPERATIONS BEGIN, MULCH SHALL BE LEFT IN PLACE AND PLOWED INTO THE SOIL DURING THE PROCESS OF SEEDBED PREPARATION, THEREBY BECOMING BENEFICIAL TO NEWLY PLANTED GRASS. MULCH REQUIRED FOR PROTECTION OF NEWLY PLANTED GRASS SHALL BE IN ADDITION TO THE MULCH SPECIFIED HEREIN.

WASTE DISPOSAL:
SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LINED 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 AS NECESSARY AND SHALL BE MAINTAINED AS REQUIRED BY LOCAL REGULATIONS. NO CONSTRUCTION WASTE WILL BE BURIED ON-SITE.

ALL PERSONNEL WILL BE INSTRUCTED ON PROPER PROCEDURES FOR WASTE DISPOSAL. A NOTICE STATING THESE PRACTICES WILL BE PASTED AT THE JOBSITE AND THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

ALL INSPECTIONS SHALL BE DOCUMENTED ON FORM DOT-EC-1.

DAILY:

DAILY INSPECTIONS SHALL BE CONDUCTED BY THE WORKSITE EROSION CONTROL SUPERVISOR (WES) OR QUALIFIED PERSONNEL ON THE FOLLOWING AREAS:

- A. PETROLEUM PRODUCT STORAGE, USAGE AND HANDLING AREAS
- B. ALL LOCATIONS WHERE VEHICLES ENTER/EXIT THE SITE
- C. REUSE RAINFALL ONCE EACH TWENTY FOUR HOUR PERIOD AT THE SITE

WEEKLY AND AFTER RAINFALL EVENTS:

THE FOLLOWING AREAS SHALL BE INSPECTED BY THE WES OR QUALIFIED PERSONNEL EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS 0.5 INCHES OR GREATER:

- A. DISTURBED AREAS NOT PERMANENTLY STABILIZED
- B. MATERIAL STORAGE AREAS
- C. STRUCTURAL CONTROL MEASURES (BMP'S)

WITHIN 7 CALENDAR DAYS AFTER THE INITIAL INSTALLATION OF THE EROSION CONTROL DEVICES REQUIRED BY THE EROSION CONTROL PLAN, THE ENGINEER SHALL INSPECT THE INSTALLATION AND CONDITION OF EACH DEVICE. THIS INSPECTION SHALL BE PERFORMED FOR EACH STAGE OF CONSTRUCTION WHEN NEW DEVICES ARE INSTALLED. ALL DEFICIENCIES SHALL BE REPORTED IN WRITING TO THE CONTRACTOR AND CORRECTIONS SHALL BE MADE WITHIN TWO BUSINESS DAYS.

MONTHLY:

ONCE PER MONTH, THE QUALIFIED INSPECTOR SHALL INSPECT ALL AREAS WHERE FINAL STABILIZATION HAS BEEN COMPLETED. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF POLLUTANTS ENTERING OR EXITING THE DRAINAGE SYSTEM AND OR RECEIVING WATERS. ANY EROSION CONTROL DEVICES THAT REMAIN IN PLACE SHALL BE INSPECTED TO VERIFY THE MAINTENANCE STATUS AND THAT THE DEVICES ARE FUNCTIONING PROPERLY.

THESE INSPECTIONS SHALL CONTINUE UNTIL THE NOTICE OF TERMINATION IS SUBMITTED.

FAILURE TO PERFORM INSPECTIONS AS REQUIRED BY THE CONTRACT DOCUMENTS AND THE NPDES PERMIT SHALL RESULT IN THE CESSATION OF ALL CONSTRUCTION ACTIVITIES WITH THE EXCEPTION OF TRAFFIC CONTROL AND EROSION CONTROL. CONTINUED FAILURE TO PERFORM INSPECTIONS SHALL RESULT IN NON-REFUNDABLE DEDUCTIONS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

NON-STORM WATER DISCHARGES AS DEFINED IN PART II.A.2 OF THE NPDES PERMIT WILL BE IDENTIFIED AFTER CONSTRUCTION HAS COMMENCED AND SHALL BE SUBJECT TO THE SAME REQUIREMENTS AS STORM WATER DISCHARGES AS REQUIRED BY THE GEORGIA EROSION AND SEDIMENTATION CONTROL ACT, THE NPDES PERMIT, THE CLEAN WATER ACT, THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, DEPARTMENT STANDARDS, AND CONTRACT DOCUMENTS.

PETROLEUM SPILLS AND LEAKS:

ALL STATE, AND MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.

MATERIALS 4 EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIALS STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MAPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SANDST, 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 SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-6265.

FOR SPILLS THAT OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH 24 HOURS AT 1-800-426-2675.

FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPC 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 120 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 60 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

OTHER CONTROLS:

THE CONTRACTOR SHALL FOLLOW THIS ESPCP AND ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

SEDIMENT BASINS:

THE DISTURBED AREA WITHIN THE DRAINAGE AREA IS 1.66 ACRES. THE DISTURBANCE ACTIVITIES CONSIST OF SITE GRADING AND PAVING FOR THE CONSTRUCTION OF A MEDICAL OFFICE WITH ASSOCIATED PARKING AND UTILITIES. BMP'S AS SHOWN ON THE EROSION CONTROL PLANS WILL BE ADEQUATE TO CONTROL SEDIMENT RUNOFF AT THIS LOCATION. EXCAVATED INLET SEDIMENT TRAPS WILL BE UTILIZED TO CONTROL THE SEDIMENT RUNOFF.

STREAM BUFFER ENCROACHMENT:

STREAM BUFFERS ARE NOT IMPACTED BY THIS PROJECT.

COMPREHENSIVE MONITORING PLAN (CMP) GENERAL NOTES:

THIS PROJECT HAS A TOTAL SIZE OF 1.25 ACRES. THE SURFACE WATER DRAINAGE AREA FOR THE OUTFALL TO BE MONITORED HAS A DRAINAGE AREA OF APPROXIMATELY 1.25 SQUARE MILES. THE RECEIVING WATER FOR THIS OUTFALL IS OUTFALL. THE NTU VALUE SELECTED FROM APPENDIX B FOR THE ABOVE NOTED FACILITY AND THE SURFACE WATER DRAINAGE AREA IS 75 NTU.

COMPREHENSIVE MONITORING PLAN (CMP) SAMPLING METHODS AND PROCEDURES REPRESENTATIVE SAMPLING ON LINEAR PROJECT:

RECEIVING WATER SAMPLES AND STORM WATER DISCHARGE SAMPLES WILL BE COLLECTED BY GRAB SAMPLES AS PER THE PERMIT. ALL GRAB SAMPLES WILL BE COLLECTED USING THE FOLLOWING METHODS AND PROCEDURES:

RECEIVING WATER SAMPLING:

MANUAL SAMPLING:
SAMPLES WILL BE TAKEN AT THE APPROPRIATE TIME AS STATED IN PART I.V.D. 5, D. OF THE PERMIT. AUTOMATIC SAMPLING CAN BE ACCOMPLISHED AT BOTH UPSTREAM AND DOWNSTREAM SIMULTANEOUSLY BY USING A SAMPLING DEVICE SIMILAR TO THE ISO 1000 3700 OR 4700. THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO OBTAIN THE REQUIRED BASIS. THIS DETERMINATION WILL BE MADE ON A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE RECEIVING WATER AT A POINT AS FAR DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE POINT AND UPSTREAM OF ANY ADDITIONAL DISCHARGES NOT ASSOCIATED WITH THE PROJECT. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

MANUAL SAMPLING:
SAMPLES WILL BE TAKEN AT THE APPROPRIATE TIME AS STATED IN PART I.V.D. 5, D. OF THE PERMIT. AUTOMATIC SAMPLING CAN BE ACCOMPLISHED AT BOTH UPSTREAM AND DOWNSTREAM SIMULTANEOUSLY BY USING A SAMPLING DEVICE SIMILAR TO THE ISO 1000 3700 OR 4700. THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO OBTAIN THE REQUIRED BASIS. THIS DETERMINATION WILL BE MADE ON A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE RECEIVING WATER AT A POINT AS FAR DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE POINT AND UPSTREAM OF ANY ADDITIONAL DISCHARGES NOT ASSOCIATED WITH THE PROJECT. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

UPSTREAM SAMPLES WILL BE TAKEN AFTER DOWNSTREAM SAMPLES HAVE BEEN ACQUIRED. THE SAMPLE WILL BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PROJECT (WITHIN THE PROJECT RIGHT OF WAY). THE SAMPLE WILL BE TAKEN IN THE CENTER OF THE RECEIVING WATER. ON RECEIVING WATERS WHERE ACCESS TO THE CENTER OF THE RECEIVING WATERS IS NOT PRACTICAL, SEVERAL SAMPLES FROM ACROSS THE RECEIVING WATERS WILL BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES WILL BE USED FOR THE UPSTREAM VALUE. A LARGE MOUTH, CLEAN, GLASS OR PLASTIC JAR/BOTTLE, LABELED WITH PROJECT NAME, DATE, TIME, AND LOCATION WILL BE USED TO COLLECT THE SAMPLE. THE SAMPLE CONTAINER WILL BE HELD SUCH THAT THE OPENING FACES UPSTREAM. ONCE THE SAMPLE JAR/BOTTLE IS FULL AND CAPPED, IT WILL BE TRANSPORTED TO THE LOCATION WHERE THE TURBIDITY TESTING WILL BE CONDUCTED IMMEDIATELY BUT IN NO CASE, LATER THAN 48 HOURS AFTER THE TIME THE SAMPLE WAS OBTAINED.

UPSTREAM SAMPLES WILL BE TAKEN AFTER DOWNSTREAM SAMPLES HAVE BEEN ACQUIRED. THE SAMPLE WILL BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PROJECT (WITHIN THE PROJECT RIGHT OF WAY). THE SAMPLE WILL BE TAKEN IN THE CENTER OF THE RECEIVING WATER. ON RECEIVING WATERS WHERE ACCESS TO THE CENTER OF THE RECEIVING WATERS IS NOT PRACTICAL, SEVERAL SAMPLES FROM ACROSS THE RECEIVING WATERS WILL BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES WILL BE USED FOR THE UPSTREAM VALUE. A LARGE MOUTH, CLEAN, GLASS OR PLASTIC JAR, LABELED WITH PROJECT NAME AND LOCATION WILL BE USED TO COLLECT THE SAMPLE. THE SAMPLE CONTAINER WILL BE HELD SUCH THAT THE OPENING FACES UPSTREAM. ONCE THE SAMPLE JAR/BOTTLE IS FULL AND CAPPED, IT WILL BE TRANSPORTED TO THE LOCATION WHERE THE TURBIDITY TESTING WILL BE CONDUCTED. ALL TURBIDITY TESTS WILL BE CONDUCTED IMMEDIATELY BUT IN NO CASE, LATER THAN 48 HOURS AFTER THE TIME THE SAMPLE WAS OBTAINED.

AUTOMATIC SAMPLING:
SAMPLES WILL BE TAKEN AT THE APPROPRIATE TIMES AS SPECIFIED IN PART I.V.D. 5, D. OF THE PERMIT. AUTOMATIC SAMPLING CAN BE ACCOMPLISHED AT BOTH UPSTREAM AND DOWNSTREAM SIMULTANEOUSLY BY USING A SAMPLING DEVICE SIMILAR TO THE ISO 1000 3700 OR 4700. THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO OBTAIN THE REQUIRED BASIS. THIS DETERMINATION WILL BE MADE ON A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE RECEIVING WATER AT A POINT AS FAR DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE POINT AND UPSTREAM OF ANY ADDITIONAL DISCHARGES NOT ASSOCIATED WITH THE PROJECT. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

THE PROBE FOR UPSTREAM SAMPLING WILL BE POSITIONED IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PROJECT. THE PROBE WILL BE PLACED IN THE CENTER OF THE RECEIVING WATER. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

ALL TURBIDITY TESTS SHALL BE DONE IN ACCORDANCE WITH 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED), THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD. TURBIDITY RESULTS WILL BE RECORDED AND REPORTED TO EPD IN ACCORDANCE WITH PART I.V.E OF THE PERMIT.

OUTFALL SAMPLING:

MANUAL SAMPLING:
SAMPLES WILL BE TAKEN AT THE APPROPRIATE TIME AS STATED IN PART I.V.D. 5, D. OF THE PERMIT. AUTOMATIC SAMPLING CAN BE ACCOMPLISHED AT BOTH UPSTREAM AND DOWNSTREAM SIMULTANEOUSLY BY USING A SAMPLING DEVICE SIMILAR TO THE ISO 1000 3700 OR 4700. THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO OBTAIN THE REQUIRED BASIS. THIS DETERMINATION WILL BE MADE ON A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE OUTFALL CHANNEL. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

AUTOMATIC SAMPLING:
SAMPLES WILL BE TAKEN AT THE APPROPRIATE TIMES AS SPECIFIED IN PART I.V.D. 5, D. OF THE PERMIT. AUTOMATIC SAMPLING CAN BE ACCOMPLISHED AT BOTH UPSTREAM AND DOWNSTREAM SIMULTANEOUSLY BY USING A SAMPLING DEVICE SIMILAR TO THE ISO 1000 3700 OR 4700. THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO OBTAIN THE REQUIRED BASIS. THIS DETERMINATION WILL BE MADE ON A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE OUTFALL CHANNEL. SAMPLES WILL REMAIN IN THE AUTOMATIC SAMPLER UNTIL THE NEXT BUSINESS DAY, WHEN THEY WILL BE COLLECTED AND TESTED.

TESTING:
ALL TURBIDITY TESTS SHALL BE DONE IN ACCORDANCE WITH 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED), THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD. TURBIDITY RESULTS WILL BE RECORDED AND REPORTED TO EPD IN ACCORDANCE WITH PART I.V.E OF THE PERMIT.

1. A COMPREHENSIVE MONITORING PLAN (CMP) MUST BE IMPLEMENTED AS PART OF THE PROJECT'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN IN COMPLIANCE WITH THE EPD'S GENERAL PERMIT NO. 10000 (NPDES) PRIOR TO CONDUCTING ANY CONSTRUCTION ACTIVITY.

2. THIS CMP HAS BEEN PREPARED BY A DESIGN PROFESSIONAL IN ACCORDANCE WITH THE PERMIT.

1. 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 SEDIMENTATION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION (GSWCC) AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY HAS BEEN INITIATED, 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. 10000.

1. 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 SEDIMENTATION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION (GSWCC) AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY HAS BEEN INITIATED, 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. 10000.

3. FOR LINEAR CONSTRUCTION, THE MONITORING MAY BE PHASED SO THAT A MONITOR IS ALWAYS DOWNSTREAM OF ACTIVE CONSTRUCTION. MONITORING OF OUTFALLS (DRAINAGE DITCHES) AND STREAMS IS NOT REQUIRED FOR INACTIVE PHASES OR FOR AREAS THAT HAVE UNDERGONE FINAL STABILIZATION AND ALL STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THAT PHASE HAVE CEASED.

4. FOR MONITORING OUTFALLS, THE DISTURBED AREA ASSOCIATED WITH THIS PROJECT IS 1.25 ACRES. THE RECEIVING STREAMS ARE NOT TROUT STREAMS. THE SURFACE WATER DRAINAGE AREAS FOR THE OUTFALL TO BE MONITORED IS 0.65 SQUARE MILES.

5. MONITORING SYSTEMS
FOR THE MONITORING OF THIS PROJECT, ONE MONITORING SITE HAS BEEN SELECTED TO FACILITATE MONITORING DURING VARIOUS STAGES OF CONSTRUCTION. DISCHARGE FROM THIS PROJECT DISCHARGES TO AN EXISTING DETENTION POND.

6. COMPLIANCE WITH THE EPD'S NPDES GRAB 10000 PERMIT. THE CONTRACTOR HAS TO SIGN INSPECTION AS REQUIRED BY THE PERMIT AND DAILY RAINFALL MEASUREMENTS AS STATED IN THE EROSION CONTROL NOTES SHOWN ON THIS SHEET. THE CONTRACTOR WILL EMPLOY THE SERVICES OF AN ENVIRONMENTAL ENGINEER APPROVED BY THE OWNER TO BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE COMPREHENSIVE MONITORING PLAN (CMP), THE STORM WATER FLOW MONITORING, THE 14-DAY AND MONTHLY MONITORING OF THE BMP'S, COLLECTION OF RECORDS, AND THE REQUIRED REPORT PREPARATION AND SUBMITTAL. REPORTS ARE REQUIRED FOR EVERY MONTH DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. AS NOTED ABOVE, CERTAIN PARTS OF THE COMPLIANCE HAVE BEEN ASSIGNED TO THE CONTRACTOR AND CERTAIN PARTS HAVE BEEN ASSIGNED TO THE SUB-CONTRACTOR ENVIRONMENTAL ENGINEER.

SINCE THE DESIGN, INSTALLATION AND MAINTENANCE OF THE BMP'S PRESENTS A COMPLEX TASK, AGAINST ACTIVE ACTION BY THE EPD FOR VIOLATIONS, AND THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE BMP'S, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES IMPOSED BY THE EPD AGAINST THE PROJECT, AND THE OWNER SHALL BE HELD HARMLESS. THE ENVIRONMENTAL ENGINEER IS ALL RESPONSIBLE FOR SUGGESTING REVISIONS AND IMPROVEMENTS TO THE BMP'S. THE DESIGN PROFESSIONAL SHALL IMPACT THE INSTALLATION OF THE BMP'S WITHIN SEVEN DAYS AFTER CONSTRUCTION ACTIVITIES BEGIN AS REQUIRED BY THE PERMIT.

7. COLLECTION AND ANALYSIS OF STORM WATER SAMPLES
ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE SUBMITTED IN ACCORDANCE WITH THE METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136, ENTITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND OTHER GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

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

LARGE MOUTH, WELL CLEANED AND RINGED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JAR SHALL BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

MANUAL OR AUTOMATIC SAMPLING MAY BE UTILIZED. (IF AUTOMATIC SAMPLERS ARE USED, USE ONLY THOSE SAMPLERS APPROVED FOR USE BY THE GEORGIA EPD.) SAMPLES REQUIRED BY THIS PERMIT SHOULD BE IMMEDIATELY IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER THE SAMPLES ARE TAKEN. 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, DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES THAT BE ANALYZED DIRECTLY WITH THE AUTOMATIC CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COLLECTED.

SAMPLING AND ANALYSIS OF THE RECEIVING WATERS OR OUTFALLS BEYOND THE MINIMUM FREQUENCY REQUIRED BY THE PERMIT MUST BE REPORTED TO THE EPD AS SPECIFIED IN SECTION I.V.E OF THE PERMIT.

SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT MUST BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATERS AND/OR OUTFALLS USING THE FOLLOWING GUIDELINES:

8. PHASING OF SAMPLING AREA

IF THE CONTRACTOR CHOOSES TO USE AUTOMATED SAMPLE COLLECTION EQUIPMENT, THE CONTRACTOR'S APPROVED ENVIRONMENTAL ENGINEER SHALL PROVIDE A MINIMUM OF TEN SAMPLING ASSEMBLIES TO WORK IN A SEQUENCE OF 30 TO 60 SECONDS AS NOT TO DELAY THE CONSTRUCTION OF THE PROJECT. IN A TYPICAL AREA, THE CONTRACTOR SHALL ARRANGE TO HAVE THE SAMPLE COLLECTORS INSTALLED TO MONITOR THE AREA THAT WAS JUST SEED, THE AREA WHERE WORK IS CURRENTLY ONGOING, AND THE NEXT AREA TO BE WORKED IN. PLEASE NOTE THAT NO WORK CAN OCCUR IN A DRAINAGE BASIN UNTIL A MONITOR IS OPERATIONAL IN THAT BASIN. PLEASE ALSO NOTE THAT AREAS WHERE THE STABILIZATION IS DEFINED AS MEANING THAT THE LEAST 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS RIP-RAP, PERMANENT MULCHES OR GEO-TEXTILES). PERMANENT VEGETATION SHALL CONSIST OF: PLANTED TREES, SHRUBS, PERENNIAL CROPS, A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION, OR CROP OF ANNUAL PERENNIALS APPROPRIATE TO A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION SUCH THAT WITHIN THE GROWING SEASON OF 70% COVERAGE BY PERENNIAL VEGETATION SHALL BE ACHIEVED. ONCE AN AREA HAS ACHIEVED FINAL STABILIZATION, AS DETERMINED BY THE ENGINEER, THE MONITOR CAN BE REMOVED AND RELOCATED TO A SITE IN ADVANCE OF THE CONSTRUCTION.

9. SAMPLING FREQUENCY
THE CONTRACTOR'S ENVIRONMENTAL ENGINEER MUST SAMPLE AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, SAMPLES MUST BE TAKEN WITHIN 45 MINUTES OF:

- I. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL, IF THE STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR OUTFALL HAS BEGUN AT OR PRIOR TO THE ACCUMULATION, OR
- II. THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL.

HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE POSSIBLE, AS DEFINED IN THE PERMIT, OR ARE BEYOND THE CONTRACTOR'S CONTROL, THE CONTRACTOR SHALL TAKE THE SAMPLE AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 2 HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

SAMPLING BY THE CONTRACTOR'S ENVIRONMENTAL ENGINEER SHALL OCCUR FOR THE FOLLOWING EVENTS:

- A. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS (MONDAY THRU FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM) WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATION HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION.
- B. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS AFTER 90 DAYS AFTER THE FIRST SAMPLING EVENT AFTER EITHER FINAL GRADING OPERATIONS OR THE GRUBBING OPERATION HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST.
- C. AT THE TIME OF SAMPLING, PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMP'S ARE FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FURTHER ACTION IS REQUIRED. IF BMP'S IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION MUST BE DEFINED AND IMPLEMENTED WITHIN 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 BMP'S ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED; AND

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 MONITORING AT ANY TIME OF THE DAY OR WEEK.

10. INSPECTIONS AND RAINFALL MEASUREMENTS
INSPECTIONS OF EROSION CONTROL MEASURES SHALL OCCUR IN ACCORDANCE WITH PERMIT NUMBER 31 AND 32 ON THIS SHEET. RECORDS OF RAINFALL MEASUREMENTS SHALL BE KEPT ON A DAILY BASIS IN ACCORDANCE WITH EROSION CONTROL NOTE NUMBER 31 ON THIS SHEET. RAINFALL MUST BE MEASURED ADJACENT TO THE ACTIVE PHASE(S) OF THE PROJECT. THE CONTRACTOR HAS TO SIGN INSPECTION AS REQUIRED BY THE PERMIT AND DAILY RAINFALL MEASUREMENTS AS STATED IN THE EROSION CONTROL NOTES SHOWN ON THIS SHEET. THE CONTRACTOR WILL EMPLOY THE SERVICES OF AN ENVIRONMENTAL ENGINEER APPROVED BY THE OWNER TO BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE COMPREHENSIVE MONITORING PLAN (CMP), THE STORM WATER FLOW MONITORING, THE 14-DAY AND MONTHLY MONITORING OF THE BMP'S, COLLECTION OF RECORDS, AND THE REQUIRED REPORT PREPARATION AND SUBMITTAL. REPORTS ARE REQUIRED FOR EVERY MONTH DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. AS NOTED ABOVE, CERTAIN PARTS OF THE COMPLIANCE HAVE BEEN ASSIGNED TO THE CONTRACTOR AND CERTAIN PARTS HAVE BEEN ASSIGNED TO THE SUB-CONTRACTOR ENVIRONMENTAL ENGINEER.

SINCE THE DESIGN, INSTALLATION AND MAINTENANCE OF THE BMP'S PRESENTS A COMPLEX TASK, AGAINST ACTIVE ACTION BY THE EPD FOR VIOLATIONS, AND THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE BMP'S, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES IMPOSED BY THE EPD AGAINST THE PROJECT, AND THE OWNER SHALL BE HELD HARMLESS. THE ENVIRONMENTAL ENGINEER IS ALL RESPONSIBLE FOR SUGGESTING REVISIONS AND IMPROVEMENTS TO THE BMP'S. THE DESIGN PROFESSIONAL SHALL IMPACT THE INSTALLATION OF THE BMP'S WITHIN SEVEN DAYS AFTER CONSTRUCTION ACTIVITIES BEGIN AS REQUIRED BY THE PERMIT.

7. COLLECTION AND ANALYSIS OF STORM WATER SAMPLES
ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE SUBMITTED IN ACCORDANCE WITH THE METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136, ENTITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND OTHER GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.

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

LARGE MOUTH, WELL CLEANED AND RINGED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JAR SHALL BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.

MANUAL OR AUTOMATIC SAMPLING MAY BE UTILIZED. (IF AUTOMATIC SAMPLERS ARE USED, USE ONLY THOSE SAMPLERS APPROVED FOR USE BY THE GEORGIA EPD.) SAMPLES REQUIRED BY THIS PERMIT SHOULD BE IMMEDIATELY IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER THE SAMPLES ARE TAKEN. 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, DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES THAT BE ANALYZED DIRECTLY WITH THE AUTOMATIC CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COLLECTED.

SAMPLING AND ANALYSIS OF THE RECEIVING WATERS OR OUTFALLS BEYOND THE MINIMUM FREQUENCY REQUIRED BY THE PERMIT MUST BE REPORTED TO THE EPD AS SPECIFIED IN SECTION I.V.E OF THE PERMIT.

SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT MUST BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATERS AND/OR OUTFALLS USING THE FOLLOWING GUIDELINES:

- I. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL, IF THE STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR OUTFALL HAS BEGUN AT OR PRIOR TO THE ACCUMULATION, OR
- II. THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL.

HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE POSSIBLE, AS DEFINED IN THE PERMIT, OR ARE BEYOND THE CONTRACTOR'S CONTROL, THE CONTRACTOR SHALL TAKE THE SAMPLE AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 2 HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.

SAMPLING BY THE CONTRACTOR'S ENVIRONMENTAL ENGINEER SHALL OCCUR FOR THE FOLLOWING EVENTS:

- A. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS (MONDAY THRU FRIDAY, 8:00 AM TO 5:00 PM AND SATURDAY 8:00 AM TO 5:00 PM) WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATION HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION.
- B. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS AFTER 90 DAYS AFTER THE FIRST SAMPLING EVENT AFTER EITHER FINAL GRADING OPERATIONS OR THE GRUBBING OPERATION HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST.
- C. AT THE TIME OF SAMPLING, PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMP'S ARE FOUND TO BE PROPERLY DESIGNED, INSTALLED AND MAINTAINED, NO FURTHER ACTION IS REQUIRED. IF BMP'S IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE