

THE EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPC) 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 ESPC 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 ESPC WILL REQUIRE A FORMAL REVISION OF THE ESPC AND THE SIGNATURE OF A GSWCC LEVEL I DESIGN PROFESSIONAL. ADDITIONAL BMP'S MAY BE ADDED AS DIRECTED BY THE ENGINEER.

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPIRES:
 THE SILT FENCE SHOULD NEVER RUN CONTINUOUS WITHIN JOHNS OR SPIRES. THE SILT FENCE SHOULD TURN BACK INTO THE FILL OR LOOPS TO CREATE SMALL POCKETS THAT TRAP SILT AND FORCE STORMWATER TO FLOW THROUGH THE SILT FENCE. THE TECHNIQUE OR CONFIGURATION IS CORRECTLY REFERRED TO AS J-HOOKS OR SPIRES. THE J-HOOKS OR SPIRES SHALL BE INSTALLED ON ALL SILT FENCES THAT ARE LOCATED AROUND THE PERIMETER OF THE PROJECT AND ALONG THE TOE OF EMBANKMENTS OR SLOPES. THE J-HOOKS AND SPIRES SHALL BE SPACED IN ACCORDANCE WITH THE TYPICAL LOCATION DETAILS FOR SILT FENCES / BAILED STRAW. SPACING FOR J-HOOKS OR SPIRES SHALL NOT BE LESS THAN 50 FEET EXCEPT AS NOTED. SILT FENCES THAT ARE NEAR THE OUTLET OF CULVERTS, CROSS DRAINS, AND STORM DRAINAGE SHALL EXCEPT THINLY GRADED J-HOOKS OR SPIRES ON BOTH SIDES OF THE STRUCTURE AT SPACING NOT TO EXCEED 30 FEET. J-HOOKS OR SPIRES SHALL BE PAID FOR AS SILT FENCE ITEMS PER FOOT. ALL COSTS AND OTHER INCIDENTAL ITEMS ARE INCLUDED IN COST OF INSTALLING AND MAINTAINING THE SILT FENCE.

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 CLEANED OF SEDIMENT WHEN ONE-HALF THE CAPACITY, BY HEIGHT, DEPTH, OR VOLUME HAS BEEN REACHED. SEDIMENT BASINS SHALL BE CLEANED OF SEDIMENT WHEN ONE-THIRD THE CAPACITY HAS BEEN REACHED.

AS A MINIMUM THE CONTRACTOR SHALL COMPLETE THE PERMANENT GRASSING, OR TEMPORARY GRASSING, AND MULCHING MONITORING PLAN (CGMP) IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, ON ALL CUT AND FILL SLOPES ON A REGULAR BASIS DURING GRADING OPERATIONS, EXCEPT PROJECTS WITH A TOTAL OF A HALF ACRE OR LESS OF GRASSING THAT IS TREATED EVERY TWO WEEKS, WHEN CONDITIONS WARRANT. THE GRASSING THAT REQUIRES 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 GRADING OPERATIONS OR OTHER SOIL DISTURBING ACTIVITIES HAVE BEEN SUSPENDED, FOR WHATEVER REASON, THE CONTRACTOR SHALL PROMPTLY REPAIR ANY EROSION OR SEDIMENT CONTROL DEVICES THAT HAVE BEEN DAMAGED BY SUCH ACTIVITIES. 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 MUST BE PROTECTED FOR LONGER THAN MULCH IS EXPECTED TO LAST WHICH IS 60 CALENDAR DAYS. TEMPORARY GRASS SHALL BE PLANTED 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 THE CONTRACT DOCUMENTS. SEEDING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. MULCH SHALL BE PLANTED IN 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. MULCH SHALL BE APPLIED UNLESS THE AREA IS TO BE PLANTED IN PERMANENT GRASS WITHOUT FURTHER GRADING. IN WHICH CASE, MULCH WILL BE APPLIED ACCORDING TO THE CONTRACT DOCUMENTS. MULCH GRADE FERTILIZER SHALL BE APPLIED AT THE RATE OF 40 POUNDS PER ACRE. NITROGEN SHALL BE CRITTED. ALL TEMPORARY GRASS SHALL BE PLANTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

ALL AREAS WHERE TEMPORARY GRASS HAS BEEN PLANTED SHALL BE PREPARED IN ACCORDANCE WITH THE 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 90 CALENDAR DAYS OR LESS. AFTER 90 CALENDAR DAYS, MULCH SHALL BE REPLACED WITH TEMPORARY GRASS AND MULCHED AGAIN.

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

WHEN GRASSING OPERATIONS BEGAN, MULCH SHALL BE LEFT IN PLACE AND PLOADED INTO THE SOIL DURING THE PROCESS OF SEEDING PREPARATION. THEREBY BECOMING BENEFICIAL PLANT FOOD FOR THE 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 40A PERMIT. 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 EMPLOYED 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 ON-SITE.

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

ALL INSPECTIONS SHALL BE DOCUMENTED ON FORM D01-1E-1.

DAILY:
 DAILY INSPECTIONS SHALL BE CONDUCTED BY THE HORNSBEE EROSION CONTROL SUPERVISOR (NECS) OR QUALIFIED PERSONNEL ON THE FOLLOWING AREAS:
 A. PETROLEUM PRODUCT STORAGE, USAGE AND HANDLING AREAS
 B. MATERIAL STORAGE AREAS
 C. REASURE RAINFALL ONCE EACH TWENTY FOUR HOUR PERIOD AT THE WEEKLY AND AFTER RAINFALL EVENTS.

THE FOLLOWING AREAS SHALL BE INSPECTED BY THE NECS 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 INCH 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:
 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-02-001 AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPO. TURBIDITY RESULTS SHALL BE RECORDED AND REPORTED TO EPD IN ACCORDANCE WITH PART I.V.E OF THE PERMIT.

ONCE PER MONTH, THE QUALIFIED INSPECTOR SHALL INSPECT ALL AREAS WHERE FINAL STABILIZATION HAS BEEN COMPLETED. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF SEDIMENTS OR POLLUTANTS ENTERING 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.

FAILURE TO REPORT DEFICIENCIES 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 REPORT DEFICIENCIES SHALL RESULT IN NON-REFUNDABLE PENALTIES 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 AND THE CLEAN WATER ACT. THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, DEPARTMENT STANDARDS, AND CONTRACT DOCUMENTS.

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.

MATERIALS A 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, SHAMPOO, 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 1-800-624-6747.

FOR SPILLS THAT OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITH 24 HOURS AT 1-800-426-7475.

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 100 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 100 GALLONS. THE CONTRACTOR WILL NEED SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

OTHER CONTROL:
 THE CONTRACTOR SHALL FOLLOW THIS ESPC 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 17M 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 CONTRACT PLANS SHALL BE ADEQUATE TO CONTROL SEDIMENT RUNOFF AT THIS LOCATION. EXCAVATED INLET SEDIMENT TRAPS WILL BE UTILIZED TO CONTROL THE SEDIMENT RUNOFF.

STREAM BUFFER ENGRAGEMENT:
 STREAM BUFFERS ARE NOT IMPACTED BY THIS PROJECT.
COMPREHENSIVE MONITORING PLAN (CMP) GENERAL NOTES:
 THIS PROJECT HAS A TOTAL SIZE OF 104 ACRES. THE SURFACE WATER DRAINAGE AREA FOR THE OUTFALL TO BE MONITORED HAS A DRAINAGE AREA OF APPROXIMATELY 0.63 SQUARE MILES. THE RECEIVING WATER FOR THIS OUTFALL IS NTC CREEK. THE NTC VALLEY SELECTED FROM APPENDIX B FOR THE ABOVE NOTED FACILITY AND THE SURFACE WATER DRAINAGE AREA IS 80 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 SPECIFIED IN PART I.V.E OF 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. SAMPLING WILL OCCUR AT THE DESIGNATED REPRESENTATIVE RECEIVING WATER AT THE DOWNSTREAM LOCATION FIRST. THE SAMPLE WILL BE TAKEN AS FAR DOWNSTREAM (WITHIN THE PROJECT RIGHT OF WAY) OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE POINT, AND UPSTREAM OF ANY ADDITIONAL DISCHARGES ALONG THE RECEIVING WATER PROJECT. THE SAMPLE WILL BE TAKEN IN THE CENTER OF THE RECEIVING WATER AT A POINT WHERE MIXING OF THE RECEIVING WATERS AND THE PROJECT OUTFALL HAS OCCURRED AND PRODUCED A HOMOGENEOUS SAMPLE. 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 THESE SAMPLES WILL BE USED TO COLLECT THE SAMPLE. A LARGE MOUTH, CLEAN, GLASS OR PLASTIC JAR/BOTTLE, LABELED WITH PROJECT NUMBER 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. SAMPLES MAY BE ANALYZED AT THE SITE WITH PROPERLY CALIBRATED PORTABLE TURBIDIMETERS. ALL TURBIDITY TESTS 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 OBTAINED. 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 THESE SAMPLES WILL BE USED FOR THE UPSTREAM VALUE. A LARGE MOUTH, CLEAN, GLASS OR PLASTIC JAR, LABELED WITH PROJECT NUMBER 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 BY BOTH UPSTREAM AND DOWNSTREAM SAMPLING. BY USING A SAMPLING DEVICE UPSTREAM TO THE 1500 MODEL 3700 OR 4700, THESE DEVICES CAN BE TRIGGERED BY FLOW METERS OR RAIN GAGES TO COLLECT THE REQUIRED SAMPLES. THIS DETERMINATION WILL BE MADE IN A PROJECT BY PROJECT BASIS. THE PROBE FOR THE AUTOMATIC SAMPLER WILL BE PLACED IN THE CENTER OF THE RECEIVING WATER AT A POINT FAR DOWNSTREAM OF THE CONFLUENCE OF THE STORM WATER DISCHARGE. THE 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 POINT 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-02-001 AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPO. TURBIDITY RESULTS SHALL 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. SAMPLING WILL OCCUR AT THE DESIGNATED REPRESENTATIVE RECEIVING WATER AT THE DOWNSTREAM LOCATION FIRST. IN A TYPICAL AREA, THE CONTRACTOR SHALL ARRANGE TO HAVE THE SAMPLE COLLECTIONS INSTALLED TO MONITOR THE AREA THAT WAS JUST SEEDING. 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 MEANS THAT THE LEAST 10% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS RIP-RAP, EQUIPMENT MULCHES OR GEO-TEXTILES). PERMANENT VEGETATION SHALL CONSIST OF PLANTED TREES, SHRUBS, PERENNIAL GRASSES, A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION, OR CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION SUCH THAT WITHIN THE GROWING SEASON 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. 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 48 MINUTES OF:
 I. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL, IF THE STORM WATER DISCHARGE IS TO BE 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 AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 10 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 THAT REACHES OR 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 GRADING 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 10 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL PASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, HOWEVER, COVES FIRST.
 C. AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF THE CONTRACTOR WISHES TO TAKE ADDITIONAL SAMPLES AND MAINTAINED; NO FURTHER ACTION IS REQUIRED, IF STREAMS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNATED, INSTALLED, AND MAINTAINED, CORRECTIVE ACTION SHALL BE TAKEN 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-STARTUP 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.

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-02-001 AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPO. TURBIDITY RESULTS SHALL 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. 100008 (NPDES) PERMIT TO CONDUCTING ANY CONSTRUCTION ACTIVITY.
 2. THIS CMP HAS BEEN PREPARED BY A DESIGN PROFESSIONAL IN ACCORDANCE WITH THE PERMIT.
 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 SEDIMENTATION CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION (GSWCC) AS OF JANUARY 10 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(S) WHICH THE DESIGN SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. 100008.

3. FOR LINEAR CONSTRUCTION THE MONITORING MAY BE PHASED SO THAT A MONITOR IS ALWAYS DISCONTINUED AT ACTIVE CONSTRUCTION. MONITORING OF OUTFALLS (DRAINAGE DITCHES) SHALL BE TAKEN AT A MINIMUM OF TWO 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-STARTUP 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.

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 0.63 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:
 THIS PROJECT IS EXPECTED TO DISTURB APPROXIMATELY 17M ACRES OF LAND. THIS IS IN FULL COMPLIANCE WITH THE CONTRACTOR AND OWNER TO COMPLY WITH THE NPDES GRAB 10000 PERMIT. THE CONTRACTOR HAS TO SIGN AN INSPECTION AS REQUIRED BY THE PERMIT AND DAILY RAINFALL MEASUREMENTS AS STATED IN THE EROSION CONTROL NOTES SHOWN ON THIS SHEET. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A LICENSED 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 INSPECTIONS OF THE EROSION CONTROL PLAN, THE PERMIT 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 PLAN HAVE BEEN ASSIGNED TO THE CONTRACTOR AND OTHER PARTS HAVE BEEN ASSIGNED TO THE SUB-CONTRACTOR ENVIRONMENTAL ENGINEER.

SINCE THE DESIGN, INSTALLATION AND MAINTENANCE OF THE BMP'S PRESENTS A COMPLETE DEFENSE AGAINST ACTIONS BY THE EPO FOR VIOLATIONS, AND THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE BMP'S, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VIOLATIONS OF THE PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELLING, EXACT PLACE AND TIME OF SAMPLING OR BURNING NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS.
 C. THE DATE ANALYSES WERE PERFORMED.
 D. THE PERIODS WHEN ANALYSES WERE INITIATED.
 E. THE NAMES OF THE INDIVIDUALS WHO PERFORMED THE ANALYSES.
 F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL METHODS USED. A QUALITY CONTROL PROGRAM MUST BE INCLUDED IN THE WRITTEN PROCEDURES.
 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 100 NTU SHALL BE REPORTED AS "EXCEEDS 100 NTU".
 I. THE SUPPLY REPORT DETAILING THE FINDINGS OF THE DAILY, 14-DAY AND MONTHLY INSPECTIONS OF THE BMP'S, INCLUDING THE LOG OF THE EROSION CONTROL MEASURES AND RAINFALL. SUMMARY REPORTS SHALL BE SUBMITTED AS REQUIRED TO: MOUNTAIN DISTRICT (ATLANTA SATELLITE) GEORGIA ENVIRONMENTAL PROTECTION DIVISION 745 GAINES SCHOOL ROAD ATHENS, GA 30605-3021 (706) 349-6376

THE CONTRACTOR SHALL KEEP A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN ON SITE AT ALL TIMES FROM PROJECT BEGINNING UNTIL FINAL STABILIZATION IS ACHIEVED. COPIES OF ALL NOTIS, NOTIS, REPORTS, ENGINEERING MONITORING REPORTS, MONITORING INFORMATION, DRAINAGE MATERIAL AND CALCULATIONS, DATA, AND ALL OTHER RECORDS REQUIRED BY THE NPDES PERMIT SHALL BE RETAINED BY THE CONTRACTOR AND THE OWNER FOR A PERIOD OF THREE YEARS FOLLOWING THE DATE OF FINAL STABILIZATION. THIS PERIOD MAY BE LENGTHENED UPON WRITTEN REQUEST BY THE EPO.
 1. ALL TIMES THE CONTRACTOR SHALL ADHERE TO LOCAL, STATE AND FEDERAL EROSION AND SEDIMENT CONTROL REGULATIONS AND TO THE LATEST EDITION OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'S BEST MANAGEMENT PRACTICES (BMP'S) SHALL BE EXERCISED TO CONTROL EROSION AND SEDIMENTATION FOR ALL RAINFALL EVENTS UP TO AND INCLUDING A 25 YEAR, 24 HOUR RAINFALL EVENT.
 2. STRIPPING OF VEGETATION, REGRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION.
 3. CUT AND FILL OPERATION SHALL BE KEPT TO A MINIMUM.
 4. DEVELOPMENT PLANS MUST CONFORM TO TOPOGRAPHY AND SOIL TYPE, SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.
 5. WHEREVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED AND SUPPLEMENTED.
 6. THE DISTURBED AREA AND THE DURATION OF EXPOSURE TO EROSION ELEMENTS SHALL BE KEPT TO A MINIMUM.
 7. DISTURB SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE.
 8. TEMPORARY VEGETATION OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREA DURING DEVELOPMENT.
 9. PERMANENT VEGETATION AND ANNUAL VEGETATION FOR EROSION CONTROL MEASURE SHALL BE INSTALLED AS SOON AS PRACTICABLE.
 10. TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SILT TRAPS, OR SIMILAR DEVICES UNTIL THE DISTURBED AREA IS STABILIZED.

THE CONTRACTOR SHALL KEEP A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN ON SITE AT ALL TIMES FROM PROJECT BEGINNING UNTIL FINAL STABILIZATION IS ACHIEVED. COPIES OF ALL NOTIS, NOTIS, REPORTS, ENGINEERING MONITORING REPORTS, MONITORING INFORMATION, DRAINAGE MATERIAL AND CALCULATIONS, DATA, AND ALL OTHER RECORDS REQUIRED BY THE NPDES PERMIT SHALL BE RETAINED BY THE CONTRACTOR AND THE OWNER FOR A PERIOD OF THREE YEARS FOLLOWING THE DATE OF FINAL STABILIZATION. THIS PERIOD MAY BE LENGTHENED UPON WRITTEN REQUEST BY THE EPO.
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 10. TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SILT TRAPS, OR SIMILAR DEVICES UNTIL THE DISTURBED AREA IS STABILIZED.

BASED ON THE RESULTS OF THE INSPECTIONS, THE ENVIRONMENTAL ENGINEER SHALL CAUSE THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN AND ACTIONS REGARDING THE REVISION OF THE PLAN SHALL BE MADE AND RETAINED AT THE SITE UNTIL THE PROJECT HAS UNDERGONE FINAL STABILIZATION AND AN N.O.T. HAS BEEN SUBMITTED TO THE EPD. SUCH REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE OR A CERTIFICATION THAT THE SITE IS IN COMPLIANCE WITH THE PLAN AND THE GRAB 10000 PERMIT. THE ENVIRONMENTAL ENGINEER SHALL SUBMIT THESE REPORTS TO THE OWNER ON A MONTHLY BASIS AND TO THE EPO WHEN THE PERMIT EXPIRES.

RESULTS OF THE COMPREHENSIVE MONITORING PLAN (CMP) AND THE INSPECTIONS, COMMENTS RELATIVE TO THE IMPLEMENTATION OF THE EROSION CONTROL PLAN AND ACTIONS REGARDING THE REVISION OF THE PLAN SHALL BE MADE AND RETAINED AT THE SITE UNTIL THE PROJECT HAS UNDERGONE FINAL STABILIZATION AND AN N.O.T. HAS BEEN SUBMITTED TO THE EPD. SUCH REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE OR A CERTIFICATION THAT THE SITE IS IN COMPLIANCE WITH THE PLAN AND THE GRAB 10000 PERMIT. THE ENVIRONMENTAL ENGINEER SHALL SUBMIT THESE REPORTS TO THE OWNER ON A MONTHLY BASIS AND TO THE EPO WHEN THE PERMIT EXPIRES.

PERMANENT VEGETATION AND ANNUAL VEGETATION FOR EROSION CONTROL MEASURE SHALL BE INSTALLED AS SOON AS PRACTICABLE.

TO THE EXTENT NECESSARY, SEDIMENT IN RUN-OFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SILT TRAPS, OR SIMILAR DEVICES UNTIL THE DISTURBED AREA IS STABILIZED.

THE SAMPLES SHOULD BE KEPT FREE OF FLOATING DEBRIS.

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 SEQUENCED MANNER TO DISPLAY THE PROGRESS OF THE PROJECT. IN A TYPICAL AREA, THE CONTRACTOR SHALL ARRANGE TO HAVE THE SAMPLE COLLECTIONS INSTALLED TO MONITOR THE AREA THAT WAS JUST SEEDING. 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 MEANS THAT THE LEAST 10% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION OR EQUIVALENT PERMANENT STABILIZATION MEASURES (SUCH AS RIP-RAP, EQUIPMENT MULCHES OR GEO-TEXTILES). PERMANENT VEGETATION SHALL CONSIST OF PLANTED TREES, SHRUBS, PERENNIAL GRASSES, A CROP OF PERENNIAL VEGETATION APPROPRIATE FOR THE TIME OF YEAR AND REGION, OR CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION SUCH THAT WITHIN THE GROWING SEASON 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. 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 48 MINUTES OF:
 I. THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL, IF THE STORM WATER DISCHARGE IS TO BE 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 AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN 10 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 THAT REACHES OR 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 GRADING 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 10 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL PASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, HOWEVER, COVES FIRST.
 C. AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF THE CONTRACTOR WISHES TO TAKE ADDITIONAL SAMPLES AND MAINTAINED; NO FURTHER ACTION IS REQUIRED, IF STREAMS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNATED, INSTALLED, AND MAINTAINED, CORRECTIVE ACTION SHALL BE TAKEN 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-STARTUP 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.

INSPECTIONS AND RAINFALL MEASUREMENTS
 INSPECTIONS OF EROSION CONTROL MEASURES SHALL OCCUR IN ACCORDANCE WITH THE NPDES GRAB 10000 PERMIT. RECORDS OF RAINFALL MEASUREMENTS SHALL BE KEPT ON A DAILY BASIS IN ACCORDANCE WITH EROSION CONTROL NOTE 10111 ON THIS SHEET. RAINFALL MUST BE MEASURED ADJACENT TO THE DRAINAGE(S) OF THE PROJECT.
 I. REPORTS AND RECORDS
 THE CONTRACTOR'S ENVIRONMENTAL ENGINEER SHALL SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE OWNER, THE ADDRESS BELOW BY THE FIFTEENTH DAY OF EACH MONTH FOR EACH REPORTING PERIOD. REPORTING PERIODS ARE DAILY, WEEKLY, 14-DAY AND MONTHLY. MONITORING RESULTS ON A MONTHLY BASIS. ADDITIONAL INSPECTIONS OF THE EROSION CONTROL PLAN, THE PERMIT 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 PLAN HAVE BEEN ASSIGNED TO THE CONTRACTOR AND OTHER PARTS HAVE BEEN ASSIGNED TO THE SUB-CONTRACTOR ENVIRONMENTAL ENGINEER.

SINCE THE DESIGN, INSTALLATION AND MAINTENANCE OF THE BMP'S PRESENTS A COMPLETE DEFENSE AGAINST ACTIONS BY THE EPO FOR VIOLATIONS, AND THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE BMP'S, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY VIOLATIONS OF THE PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELLING, EXACT PLACE AND TIME OF SAMPLING OR BURNING NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS.
 C. THE DATE ANALYSES WERE PERFORMED.
 D. THE PERIODS WHEN ANALYSES WERE INITIATED.
 E. THE NAMES OF THE INDIVIDUALS WHO PERFORMED THE ANALYSES.
 F. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL METHODS USED. A QUALITY CONTROL PROGRAM MUST BE INCLUDED IN THE WRITTEN PROCEDURES.
 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 100 NTU SHALL BE REPORTED AS "EXCEEDS 100 NTU".
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STORMWATER FROM THIS PROJECT DISCHARGES INTO VARIOUS WATERSHEDS WHICH EVENTUALLY FLOW INTO NTC CREEK.
 OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICABLE.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR COM