

EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, & COMPREHENSIVE MONITORING PROGRAM

GEORGIA UNIFORM CODING SYSTEM FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES STATE SOIL AND WATER CONSERVATION COMMISSION OF GEORGIA

PERMIT COVERAGE (PART I, C.D.&E)

THIS PLAN HAS BEEN PREPARED TO MEET THE REQUIREMENTS UNDER THE STATE OF GEORGIA, DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION (EPD), GENERAL PERMIT NO. 1000001 FOR AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITY FOR INFRASTRUCTURE.

PART I. COVERAGE UNDER THIS PERMIT

- C. ELIGIBILITY: 1. CONSTRUCTION ACTIVITIES THIS PERMIT AUTHORIZES... A. ALL DISCHARGES OF STORM WATER ASSOCIATED WITH STAND ALONE CONSTRUCTION PROJECTS... B. ALL DISCHARGES OF STORM WATER ASSOCIATED WITH STAND ALONE CONSTRUCTION PROJECTS... C. COVERAGE UNDER THIS PERMIT IS NOT REQUIRED FOR DISCHARGES OF STORM WATER ASSOCIATED WITH MINOR LAND DISTURBING ACTIVITIES...

D. AUTHORIZATION

- 1. ANY PERSON DESIRING COVERAGE UNDER THIS PERMIT MUST SUBMIT A NOTICE OF INTENT (NOI) TO THE EPD... 2. UNLESS NOTIFIED BY THE DIRECTOR TO THE CONTRARY, A PERMITTEE WHO SUBMITS AN NOI IN ACCORDANCE WITH THE REQUIREMENTS OF THIS PERMIT IS DISCHARGED FROM CONSTRUCTION SITES... 3. WHERE A NEW PERMITTEE IS TO BEGIN WORK ON-SITE AFTER AN NOI FOR THE FACILITY/CONSTRUCTION SITE HAS BEEN DENIED...

PROHIBITION ON NON-STORM WATER DISCHARGES (PART III, A)

- 1. EXCEPT AS PROVIDED IN PART I.C. AND II.A.2, ALL DISCHARGES COVERED BY THIS PERMIT SHALL BE COMPOSED ENTIRELY OF STORM WATER... 2. THE FOLLOWING NON-STORM WATER DISCHARGES MAY BE AUTHORIZED BY THIS PERMIT PROVIDED THE NON-STORM WATER COMPONENT OF THE DISCHARGE IS EXPLICITLY LISTED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN... 3. THIS PERMIT DOES NOT AUTHORIZE THE DISCHARGE OF SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING...

INSPECTIONS (PART IV, D.4)

- A. PERMITTEE REQUIREMENTS: (1) EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE... (2) MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE... (3) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS... B. INSPECTION REPORTS: (1) 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...

MAINTENANCE (PART IV, D.5)

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.

STORMWATER SAMPLING REQUIREMENTS (PART IV, D.6)

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 BY SUCH PROJECTS. THIS PERMIT IS SUBJECT TO THE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

A. SAMPLING REQUIREMENTS SHALL INCLUDE THE FOLLOWING:

- (1) A USGS TOPOGRAPHIC MAP OR A DIGITAL (REFERRED TO AS "TOPOGRAPHIC MAP") THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24,000 MAP SHOWING THE LOCATION OF THE SITE OF THE STANDBY LINE CONSTRUCTION... (2) A WRITTEN NARRATIVE OF THE SITE SPECTROPHOTOMETRIC METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING QUALITY CONTROL PROCEDURES ASSURE THAT THE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION... (3) WHEN THE PERMITTEE 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... (4) ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN, EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE...

- (3) LARGE MOUTH, WELL CLEANED AND WASHED 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... (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 OUTFALL(S), OR A COMBINATION OF RECEIVING WATER(S) AND OUTFALL(S) AS REQUIRED FOR EACH OF THE PURPOSES STATED IN THIS PERMIT... (2) 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... (3) THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY...

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 RAINFALL EVENT... (2) HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE... (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 0.3 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT...

- (4) CERTIFIED PERSONNEL FOR PRIMARY PERMITTEES SHALL CONDUCT INSPECTIONS AT LEAST TWICE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER... (5) INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED BY THE PRIMARY PERMITTEE... (6) INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED BY THE PRIMARY PERMITTEE... (7) A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE, THE WEATHER CONDITIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN...

- A. 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 NOTICE IS SUBMITTED IN ACCORDANCE WITH PART VI. B. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD... C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART II.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 II.A.4. OF THIS PERMIT... F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART II.D.2. OF THIS PERMIT...

WETLAND CERTIFICATION

THE APPROPRIATE PLAN SHEETS INDICATE NO AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS. IF WETLANDS ARE INDICATED AND HAVE BEEN DESIGNATED THAT LAND DISTURBANCE THAT LAND DISTURBANCE OF THE PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.

REPORTING (PART IV, E)

- 1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART I.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE RAINFALL EVENT... 2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION: A. THE RAINFALL AMOUNT, DATE, DURATION AND LOCATION OF THE SAMPLING AND MEASUREMENT... B. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENT... 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 ANALYSES... F. REFERENCES TO ANY OTHER REPORTS OR MEASUREMENTS THAT WERE USED... G. THE RESULTS OF SUCH TESTS, INCLUDING THE DATA SHEETS, INSTRUMENT READINGS, COMPUTER DISKS OR ETC., USED TO OBTAIN THE RESULTS... H. SERIALS AND STATEMENT OF WORK SHALL BE SUBMITTED AS PER THE PLAN... I. WRITTEN CORRESPONDENCE RELATIVE TO THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE PERMITTEE'S ADDRESS TO THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT...

RETENTION OF RECORDS (PART IV, F)

- 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 NOTICE IS SUBMITTED IN ACCORDANCE WITH PART VI. B. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD... C. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART II.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 II.A.4. OF THIS PERMIT... F. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART II.D.2. OF THIS PERMIT... G. ONLY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART II.D.4.(2). OF THIS PERMIT... 2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING RECORDS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL CORRECTIONS OR OVERSIGHTS MONITORING INSTRUMENTATION) OR OTHER RECORDS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THE 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 THREE YEARS FROM THE DATE THAT THE NOI IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT... THIS PERMIT SHALL BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

APPENDIX B - NEPHELOMETRIC TURBIDITY UNIT (NTU) WATERS SUPPORTING WARM WATER FISHERIES SURFACE WATER DRAINAGE AREA (SQUARE FEET)

Table with columns for Site Size (Acres) and NTU values. Site Size ranges from 0-4.99 to 500+. NTU values range from 75 to 100.

APPENDIX 1 THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPs FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

- 1. Increase all temporary sediment basins and vegetated storm water management basins to provide sediment storage at least 3000 cubic feet (234 cubic yards) per acre disturbed. 2. A large sign (minimum 4 feet x 8 feet) must be on the site on the actual start date of construction... 3. Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater... 4. Install Post Construction BMPs (e.g., runoff control BMPs) which are listed in the Georgia Stormwater Management Manual...

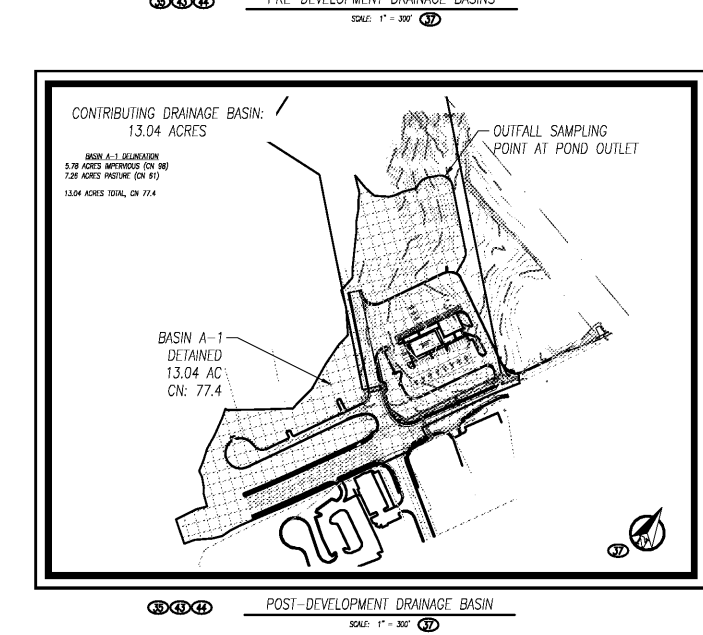
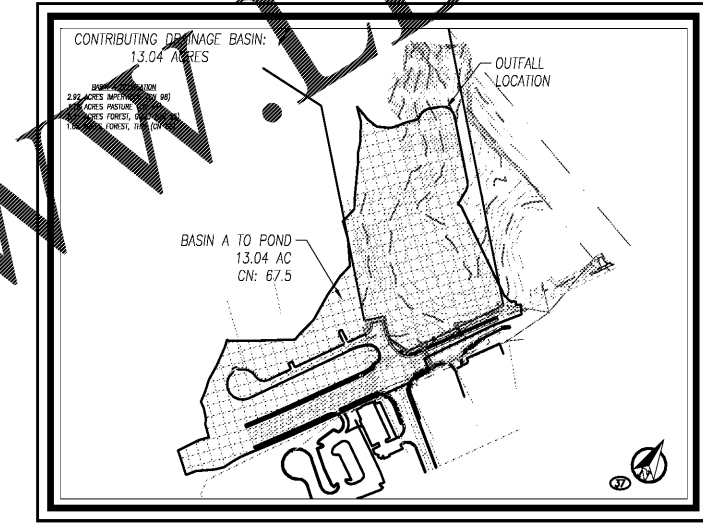


Table of Structural Practices with columns for Code, Practice, Detail, Map Symbol, and Description. Practices include Sedimentation, Erosion Control, Stormwater Management, etc.

Table of Vegetative Measures with columns for Code, Practice, Detail, Map Symbol, and Description. Measures include Buffer Zone, Erosion Control, etc.

CONTACT RACETRAC PETROLEUM, INC. PROJECT MANAGER PRIOR TO ANY REVISIONS TO THE PLAN SUPPLIED BY RACETRAC PETROLEUM, INC.

SEDIMENT AND EROSION CONTROL CHECKLIST ITEMS CORRESPOND TO

Vertical sidebar containing logos for W&A Engineering, Racetrac Petroleum, and ES&PC Notes, along with contact information and a drawing scale.

