

**IV.D.7 NON-STORM WATER DISCHARGES**

EXCEPT FOR FLOWS FROM FIRE FIGHTING 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.

**IV.E REPORTING**

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING 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(S) 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. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF 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.

3. ALL MONITORING RESULTS SHALL INCLUDE THE FOLLOWING INFORMATION:

- a. THE DATE, EXACT PLACE, AND TIME OF SAMPLING OR MEASUREMENTS;
- b. THE NAME(S) OF THE INDIVIDUAL(S) 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 INDIVIDUAL(S) WHO PERFORMED THE ANALYSES;
- f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED; AND
- 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."

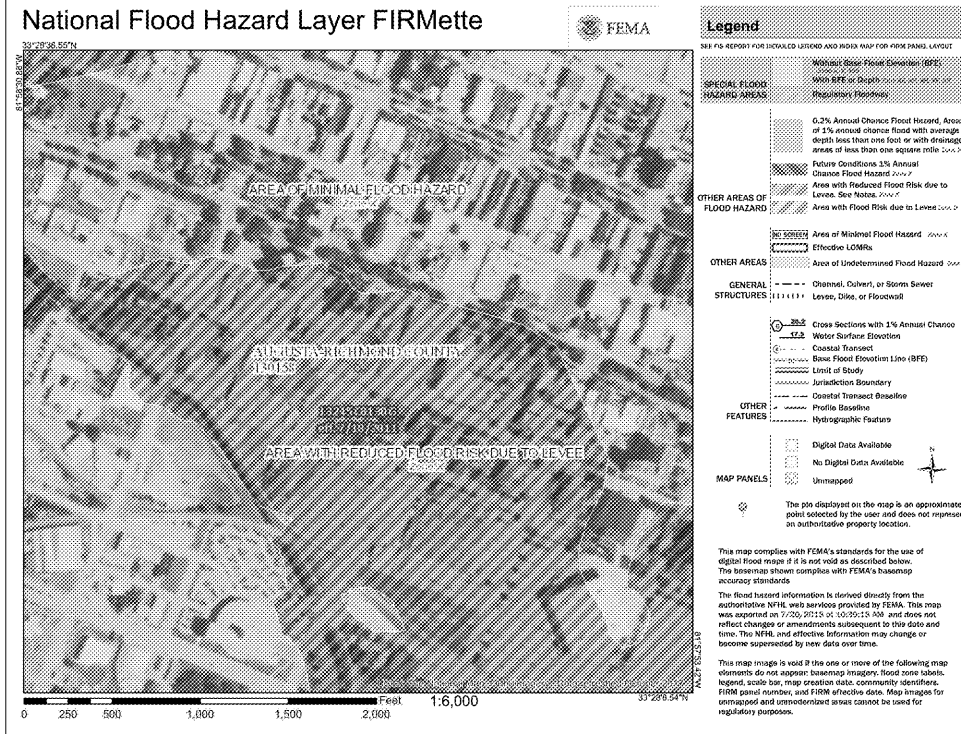
**IV.F RETENTION OF RECORDS**

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 MONITORING 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.(1)(C) OF THIS PERMIT.
2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, REPORTS, PLANS, MONITORING REPORTS, MONITORING INFORMATION, INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS 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 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 ALTERNATE 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.

**NOTICE OF TERMINATION (NOT)**

THE CONTRACTOR SHALL PREPARE, SIGN & SUBMIT THE NOTICE OF TERMINATION DOCUMENTS IN ACCORDANCE TO PART VI OF THIS PERMIT. ALL NOTICES OF TERMINATION BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT AND TO THE LOCAL ISSUING AUTHORITY IN JURISDICTION AUTHORIZED TO ISSUE A LAND DISTURBANCE ACTIVITY PERMIT FOR THE PERMITTEE'S CONSTRUCTION SITE PURSUANT TO O.C.G.A. § 10-1-1, ET SEQ.



**SURFACE DRAINAGE AREA MAP**

SCALE: NTS

**NPDES GAR 10001 CERTIFICATION**

(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 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 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. GAR100001.

(2) I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION.

WILL T. BUCHANAN, P.E. \_\_\_\_\_ DATE \_\_\_\_\_  
LEVEL II CERT. NO. 0000065516



**Map Unit Legend**

Map Unit Symbol	Map Unit Name	Acres in ACI	Percent of ACI
U1	Urban land	2.6	100.0%
<b>Totals for Area of Interest</b>		<b>2.6</b>	<b>100.0%</b>

**NARRATIVE OF LAND DISTURBING ACTIVITY**

THE PROPOSED SITE DEVELOPMENT IS LOCATED WITHIN THE URBAN DISTRICT OF THE CITY OF AUGUSTA, GA. THE SITE IS 1.92 ACRES AND IS LOCATED AT 928 TELFAIR STREET. THE SITE WAS PREVIOUSLY DEVELOPED AND SOME OF THE IMPERVIOUS PAVEMENT REMAINS ON THE SITE. THE SITE IS PRETTY FLAT WITH SLOPES RANGING FROM 0 TO 1%. THE PROPOSED PROJECT WILL INCLUDE A NEW ±12,800 SF FIRE STATION, ASPHALT AND CONCRETE PAVING, AND UTILITIES TO SERVE THE FACILITY. BECAUSE THE SITE IS LOCATED IN THE URBAN DISTRICT OF AUGUSTA, GA, STORMWATER DETENTION WILL NOT BE REQUIRED.

TOPOGRAPHIC INFORMATION: EXISTING TOPOGRAPHIC VARIES FROM 0% TO 1% SLOPES. THE PROJECT SITE DRAINS TO STORMWATER INFRASTRUCTURE LOCATED IN THE RIGHT-OF-WAYS OF THE SURROUNDING STREETS BEFORE BEING DISCHARGED TO THE AUGUSTA CANAL SYSTEM.

VEGETATION: THE PROJECT SITE IS MOSTLY COVERED WITH IMPERVIOUS PAVEMENT AND SOME GRASSED AREAS IN MODERATE TO POOR CONDITION.

PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES DURING CONSTRUCTION INCLUDE (CHECKLIST ITEMS 26 & 35):

**INITIAL PHASE: PERIMETER CONTROL**

- SILT FENCE - TO PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEM BY SLOWING STORM WATER RUNOFF AND CAUSING DEPOSITION OF SEDIMENT AT THE STRUCTURE.
- TEMPORARY SEDIMENT TRAP - TO PREVENT SEDIMENT FLOW FROM LEAVING THE SITE AND ALLOW SEDIMENT TO SETTLE OUT OF STORM WATER PRIOR TO DISCHARGE OFF SITE.
- CONSTRUCTION EXIT - TO REDUCE AND ELIMINATE TRANSPORT OF MUD FROM CONSTRUCTION AREA INTO PUBLIC RIGHTS-OF-WAY BY MOTOR VEHICLES OR BY RUNOFF.
- CONSTRUCTION ROAD TO PROVIDE A FIXED TRAVEL ROUTE FOR CONSTRUCTION TRAFFIC AND REDUCE EROSION AND SUBSEQUENT REGRADING OF PERMANENT ROADBEDS BETWEEN TIME OF INITIAL GRADING AND FINAL STABILIZATION.

**INTERMEDIATE PHASE: INTERMEDIATE CONSTRUCTION CONTROL**

- SILT FENCE - TO PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE SITE AND ENTERING NATURAL DRAINAGE WAYS OR STORM DRAINAGE SYSTEM BY SLOWING STORM WATER RUNOFF AND CAUSING DEPOSITION OF SEDIMENT AT THE STRUCTURE.
- CONSTRUCTION EXIT - TO REDUCE AND ELIMINATE TRANSPORT OF MUD FROM CONSTRUCTION AREA INTO PUBLIC RIGHTS-OF-WAY BY MOTOR VEHICLES OR BY RUNOFF.
- DUST CONTROL - TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACE AND TO REDUCE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH WELFARE, OR SAFETY, OR TO ANIMALS OR PLANT LIFE.
- EROSION CONTROL MATTING ON SLOPES 3:1 OR GREATER.
- TEMPORARY GRASSING TO REDUCE RUNOFF AND SEDIMENT DAMAGE OF DOWNSTREAM RESOURCES.
- RIPPAP OUTLET PROTECTION TO REDUCE VELOCITY OF FLOW BEFORE ENTERING RECEIVING CHANNELS BELOW STORM DRAIN OUTLETS.

**FINAL PHASE: SITE STABILIZATION**

- PERMANENT GRASSING AND/OR VEGETATION AS SPECIFIED ON THE LANDSCAPE PLAN

MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS WILL INCLUDE (CHECKLIST ITEM 26):

- PERMANENT GRASSING - TO REDUCE RUNOFF AND SEDIMENT DRAINAGE; PROTECT SOIL SURFACE FROM EROSION AND TO IMPROVE INFILTRATION AND AERATION AS WELL AS ORGANIC MATTER FOR PERMANENT PLANTINGS.

**GSWCC** Georgia Soil and Water Conservation Commission

WILLIAM T. BUCHANAN  
Level II Certified Design Professional

CERTIFICATION NUMBER 0000065516  
ISSUED 1/25/2018 EXPIRES 1/25/2021

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CLIENT: AUGUSTA, GA  
535 TELFAIR STREET, AUGUSTA, GA 30901

PROJECT NAME: FIRE STATION #2

PROJECT LOCATION: 928 TELFAIR ST., AUGUSTA, GA 30901

Professional Engineer Seal for William T. Buchanan, No. 12512, State of Georgia, expires 1/25/21.

REV	DATE	BY	ISSUED FOR PERMITTING	DESCRIPTION
0	02/29/18	WTB		

PROJECT NO. 3042.1604  
DRAWN BY: DRWN  
CHECKED BY: CHK  
DATE: 10/18/17

SHEET TITLE:  
**E.S.P.C. NOTES & DETAILS - 5 OF 5**

SCALE: AS NOTED  
DRAWING NO. **C-508** REV. 0

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