

EROSION CONTROL NOTES

1. SILT FENCE MUST MEET THE REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL OF GEORGIA.
2. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED BY CONTRACTOR WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS TO ENSURE COMPLIANCE WITH REGULATIONS. ANY MEASURES INCLUDING HYDRAULIC CALCULATIONS ARE TO BE COORDINATED WITH AND CERTIFIED BY THE DESIGN PROFESSIONAL PRIOR TO COMMENCEMENT.
3. PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE, AT A MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF THE CITY OF BLUE RIDGE EROSION AND SEDIMENTATION ORDINANCE AND THE SEDIMENT CONTROL REGULATIONS, AND GEORGIA MANUAL ON EROSION AND SEDIMENT CONTROL.
4. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE. ALL OTHER DRIVERS WITHOUT A CONSTRUCTION EXIT SHALL BE BARRICADED TO PROHIBIT INGRESS AND EGRESS TRAFFIC.
5. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE FROM THE SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.
6. DURING AND AFTER CONSTRUCTION IS COMPLETE, THE DETENTION POND AND POND OUTLET STRUCTURE SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT. BOTTOM OF POND SHALL BE BROUGHT TO ELEVATION AND SHAPED AS SHOWN ON THE GRADING PLAN.
7. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
8. EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
9. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 1/2 OF THE ORIGINAL HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE SEDIMENTATION PONDS, SILT SHALL BE REMOVED WHEN THE CLEANOUT VOLUME (22 CY/AC) IS REACHED. SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN EACH POND.
10. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO LOCAL AND STATE STANDARDS.
11. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
12. SILT BARRIERS ARE TO BE PLACED AT DOWNSTREAM TOE OF ALL FILL SLOPES.
13. ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF AMENDED TOPSOIL APPLIED. THE AREA SHALL THEN BE SEED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.
14. ABSOLUTELY NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION. IF HEAVY RAINS AND UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS OR ADJACENT PARCELS THEN THE GRADING CONTRACTOR SHALL CLEAN THE DISTURBED AREAS IMMEDIATELY AND RESTORE THE AREAS TO THE ORIGINAL CONDITION.
15. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE GOVERNING OFFICIALS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE INTIMATE WITH THE LOCAL EROSION CONTROL LAWS AND TO REFLECT THIS KNOWLEDGE IN HIS/HER ACTIONS AND QUOTATIONS.
16. REFERENCE THE CONSTRUCTION SEQUENCE FOR THE RELATIONSHIP BETWEEN THE INSTALLATION OF EROSION CONTROL FEATURES AND GENERAL CONSTRUCTION.
17. MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER AND THE CONTRACTOR.
18. ALL GRADED SLOPES STEEPER THAN 3:1 OR OVER 9' IN HEIGHT REGARDLESS OF SLOPE MUST BE HYDRA SEEDS AND COVERED WITH EXCELSDOR CURLEX BLANKETS OR APPROVED EQUAL FIBER MATING. IF NOT HYDRA SEEDS, APPROVED MATING THAT HAS BEEN IMPREGATED WITH SEED AND FERTILIZER MUST BE USED. ALL SLOPES MUST BE PROPERLY PROTECTED UNTIL A PERMANENT VEGETATIVE STAND IS ESTABLISHED.
19. ALL DISTURBED AREAS MUST BE SEEDS AND MULCHED AS SOON AS FINAL GRADE IS ACHIEVED. THESE DISTURBED AREAS MUST BE PROTECTED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
20. CONTRACTOR MUST Haul OFF ALL SOLID WASTE TO AN APPROVED LAND FILL. SOLID WASTE BURNING ON SITE IS PROHIBITED.
21. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
22. NO WASTE MATERIALS SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
23. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFER IF ANY DISTURBED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
24. THERE ARE NO STATE WATERS LOCATED ON NOR WITHIN 200 FT. OF THE SITE.
25. THERE ARE NO WETLANDS LOCATED ON THIS SITE.
26. ALL CONCRETE WASHOUT AREAS ARE TO BE CONTAINED IN SUCH A MANNER THAT NONE OF THE WATER COMES INTO CONTACT WITH THE SURROUNDING SOILS OR STORMWATER.
27. PER THE REQUIREMENTS OF THE STATE OF GEORGIA NO CONCRETE TRUCK DRUMS CAN BE WASHED OUT ON A CONSTRUCTION SITE. ONLY CHUTES CAN BE WASHED OFF ON-SITE.
28. ANY REVISION TO EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS THAT HAVE A SIGNIFICANT AFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY A DESIGN PROFESSIONAL.
29. THE APPLICABLE PORTIONS EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN IS TO BE PROVIDED TO EACH SECONDARY PERMITEE PRIOR TO THE SECONDARY PERMITEE CONDUCTING ANY CONSTRUCTION ACTIVITIES AND THAT EACH SECONDARY SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE.

NOTE:

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL MONITORING OF STORM WATER RUNOFF AS DICTATED BY THE NEW GA LAW "CLEAN WATER ACT" GENERAL PERMIT NO. GARI00002 GOVERNING EROSION CONTROL. ALL COSTS ARE TO BE INCLUDED IN BASE BID. CONTRACTOR IS RESPONSIBLE FOR ALL MONITORING FROM THE TIME LAND DISTURBING ACTIVITIES BEGON UNTIL THE TIME "NOTICE OF TERMINATION" IS FILED. CONTRACTOR TO REFER TO EROSION CONTROL PLANS, SHEETS ES-1, 2, 3, AND 4, AND GENERAL PERMIT NO. GARI00002 FOR ADDITIONAL NOTES AND INFORMATION.

DESIGN PROFESSIONAL CERTIFICATIONS

"I CERTIFY THAT THE PERMITEE'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. GARI00002."

"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."

THOMAS HUNTER HYDE
PE #20410
GSWCC CERTIFICATION NO. 22364

DESIGN PROFESSIONAL 7-DAY CERTIFICATION

DATE OF INSPECTION _____
"I CERTIFY THE SITE WAS IN COMPLIANCE WITH THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN ON THE DATE OF INSPECTION."
GSWCC LEVEL II DESIGN PROFESSIONAL _____ GSWCC CERTIFICATION NO. _____
THE INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLANS:

1. _____
2. _____
3. _____
4. _____

THE DISCREPANCIES MUST BE ADDRESSED IMMEDIATELY AND A REINSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL THE DESIGN PROFESSIONAL'S CERTIFICATION IS OBTAINED.

PRIMARY PERMITEE CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS REPORT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

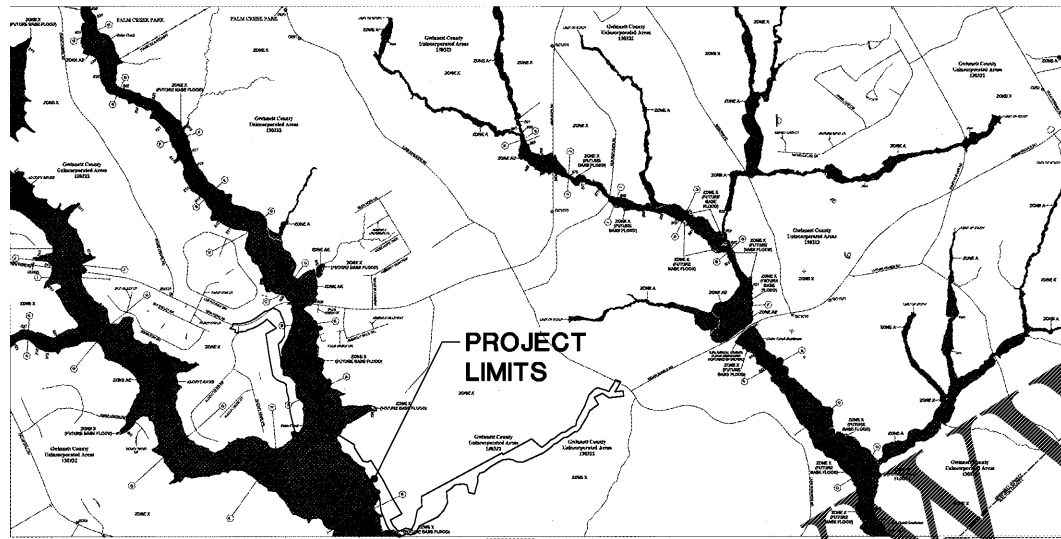
PRINT NAME (AUTHORIZED REPRESENTATIVE) _____ DATE _____
GSWCC CERTIFICATION NO. _____
SIGNATURE _____ ADDRESS _____
PHONE _____ FAX _____

NOTE: GENERAL CONTRACTOR IS TO SIGN AND DATE PERMITEE CERTIFICATION(S) AND KEEP ON-SITE AT ALL TIMES.

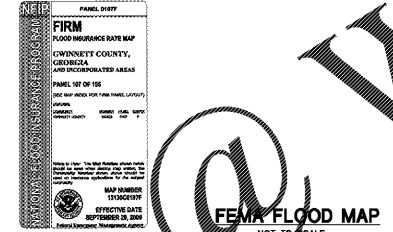
ANTICIPATED ACTIVITY SCHEDULE

ACTIVITY	1	2	3	4	5	6	7	8	9	10	11	12
1. INSTALL SEDIMENT CONTROLS												
2. CLEARING AND GRUBBING												
3. DEMOLITION												
4. MASS GRADING												
5. STORM DRAINAGE INSTALLATION												
6. TRAIL INSTALLATION												
7. GRASS (TEMP) & (PERM)												
8. FINAL LANDSCAPING												
9. MAINTAIN EROSION CONTROL												
10. CLEAN UP												

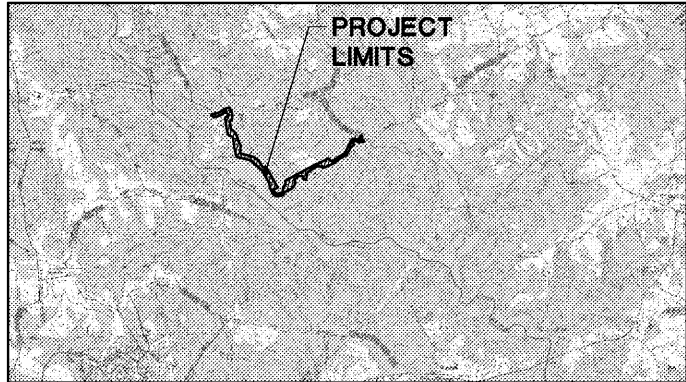
NOTE: THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES. _____ REPRESENTS A 30-DAY PERIOD



SOILS MAP NOT TO SCALE



FIRM FLOOD MAP NOT TO SCALE



U.S.G.S. QUADRANGLE MAP NOT TO SCALE

Appendix B - NTU VALUES

Surface Water Drainage Area, square miles	0-4.99	5-9.99	10-24.99	25-49.99	50-99.99	100-249.99	250-499.99	500+
1.00-1.0	75	150	200	400	750	750	750	750
10.01-25	50	100	100	200	300	500	750	750
25.01-50	50	50	100	100	200	300	750	750
50.01-100	50	50	50	100	100	150	500	600
100.01+	50	50	50	50	50	100	200	100

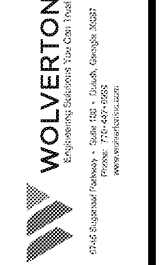
BEST MANAGEMENT PRACTICES SEQUENCE

- PHASE I**
1. INSTALL STABILIZED CONSTRUCTION EXITS.
 2. INSTALL SILT FENCE AND TREE PROTECTION FENCE ON THE SITE. (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL FENCES).
 3. INSTALL TEMPORARY STREAM CROSSING IN LOCATION SHOWN ON SHEET ES-1C.
 4. PREPARE TEMPORARY CONTRACTOR STAGING, PARKING AND STORAGE AREAS.
 5. 7 DAY BMP INSPECTION REQUIRED.
- THE GENERAL CONTRACTOR SHALL CONTACT WOLVERTON AND ASSOCIATES TO SCHEDULE AN INSPECTION OF THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERMITTER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
- PHASE II**
1. BEGIN CLEARING AND GRUBBING THE SITE.
 2. INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (Dikes, SWALES, CHECK DAMS, ETC.) (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL STRUCTURES).
 3. TEMPORARY SEED, THROUGHOUT CONSTRUCTION, DENUEED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
 5. INSTALL STORM SEWERS, STORM STRUCTURES, ETC.
- PHASE III**
1. PREPARE TRAIL FOR PAVING.
 2. COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 3. PAVE THE TRAIL.
 4. PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 5. REMOVE ALL REMAINING TEMPORARY BMP'S, INCLUDING STONE CONSTRUCTION ENTRANCE. PERMANENTLY STABILIZE ALL REMAINING DISTURBED AREAS UPON REMOVAL OF ALL TEMPORARY BMP'S.
 6. FILE NOT FOR SITE.

REPRESENTS NOTE/FEATURE WHICH CORRESPONDS WITH THE ES&PC PLAN CHECKLIST

GWINNETT COUNTY
Department of Planning and Development
Oct 08, 2019
AUTHORIZED
GWINNETT COUNTY CASE # CDP2018-02398

EROSION SEDIMENTATION, AND POLLUTION CONTROL PLAN NOTES



Project Title
**LLOYD N. HARRIS TRAIL @ HARBINS PARK
2995 LUKE EDWARDS ROAD**
BY: GWINNETT COUNTY DEPT. OF COMMUNITY SERVICES
LAWRENCEVILLE, GEORGIA
5TH DISTRICT, LAND LOT 251, PARCEL ID# R5262 003

REVISIONS

NO.	DATE	BY

DRAWN BY: DMN
CHECKED BY: THH
DATE: 09/25/2019
SCALE: NO SCALE
JOB No.: 18-LD-068
SHEET NUMBER: ES-5

FOR PERMIT ONLY

USER: nman - Oct 01, 2019 - 4:17pm Z:\full\project_data\Projects\2018\18-LD-068\harrins park trail.gpc co. gdl\production\production drawings\18-LD-068 ES-4-5 notes_L (GA).gpc

