

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 IMPLEMENTED REQUIRING 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 JEFFERSON, GEORGIA'S 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 DRIVEWAYS 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 OF SOIL 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 SPOILED, 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 CLEAREX LEVEL INDICATOR 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 WHEREVER 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 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 5' IN HEIGHT REGARDLESS OF SLOPE MUST BE HYDRA SEEDED AND PROTECTED WITH EROSION CONTROL BLANKETS OR APPROVED EQUAL FIBER MATTING. IF NOT HYDRA SEEDED, APPROVED MATTING THAT HAS BEEN IMPREGNATED WITH SEED MUST BE USED. ALL SLOPES MUST BE PROPERLY PROTECTED UNTIL A PERMANENT VEGETATIVE STAND IS ESTABLISHED.
19. ALL DISTURBED AREAS MUST BE SEEDING 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 GRAVEL 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 BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
24. THERE ARE NO STATE WATERS LOCATED ON OR WITHIN 200 FT. OF THE SITE.
25. THERE ARE NO WETLANDS LOCATED ON THIS SITE.
26. PER THE REQUIREMENTS OF THE STATE OF GEORGIA NO CONCRETE TRUCK DRUMS CAN BE WASHED OUT ON A CONSTRUCTION SITE. ONLY OIL CAN BE WASHED OFF ONSITE.
27. 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.
28. THE APPLICABLE PORTIONS EROSION SEDIMENTATION AND POLLUTION CONTROL PLAN IS TO BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE SECONDARY PERMITTEE CONDUCTING ANY CONSTRUCTION ACTIVITIES AND THAT EACH SECONDARY SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE.

NOTE:

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. GA010001 GOVERNING EROSION CONTROL. ALL COSTS ARE TO BE INCLUDED IN BASE BID. CONTRACTOR IS RESPONSIBLE FOR ALL MONITORING FROM THE TIME LAND DISTURBING ACTIVITIES BEGAIN UNTIL THE "NOTICE OF TERMINATION" IS FILED. CONTRACTOR TO REFER TO EROSION CONTROL PLANS SHEETS ES-1A - ES-4, AND GENERAL PERMIT NO. GA010001 FOR ADDITIONAL NOTES AND INFORMATION.

DESIGN PROFESSIONAL CERTIFICATIONS

1. 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 SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA 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 WATERS) 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. GA010001.
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.

JEFFREY HODGKINSON, PE
DE NO. 27533
DATE 9-23-2020
GSWCC CERTIFICATION NO. 3001

1. NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.

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

DEVELOPER/OWNER:
CIRCLE K - SOUTH ATLANTIC DIVISION
215 PENDLETON ST.
WAYCROSS, GA 31501
(912) 490-2327

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:



Now where? Below.
Call before you dig.

National Flood Hazard Layer FIRMette



Legend

SEE FOR REFERENCE THE FEMA 15520 AND INDEX MAP FOR DRAIN POND LAYOUT

SPECIAL FLOOD HAZARD AREAS

- 0.2% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.
- 1% Annual Chance Flood Hazard: Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile.
- 100-Year Flood Hazard: Areas with Flood Risk due to Leveling.
- Area of Minimal Flood Hazard: Effective LOWRIS.
- Area of Underserved Flood Hazard: Channel, Culvert, or Storm Sewer; Levee, Dike, or Floodwall.

OTHER AREAS OF FLOOD HAZARD

OTHER AREAS

GENERAL STRUCTURES

- Cross Sections with 1% Annual Chance Water Surface Elevation.
- Coastal Transition.
- Base Flood Elevation (Base EBF).
- Limit of Study.
- Undisturbed Boundary.
- Original Unsettled Baseline.
- Profile Baseline.
- Hydrologic Station.
- Digital Data Available.
- No Digital Data Available.
- Unmapped.

MAP PANELS

- The area shaded out but the trap is an appropriate point indicated by the user and does not represent an unobstructed property location.
- This map complies with FEMA's standards for the use of digital flood maps. It is not valid as described below. The user must comply with FEMA's standards for use.
- The flood hazard information is derived solely from the authoritative NFHR web services provided by FEMA. This map was prepared on 09/23/2020 10:00:00 AM and does not reflect changes or amendments subsequent to this date and time. The NFHR updates the information more often as it becomes available by more data over time.
- This map image is not a part of any of the following map elements and is not applicable to: boundary, flood zone, flood, region, water base, map measure, data, emergency, identification, 2000 panel number, and FEMA effective date. Map images for unapproved and unlicensed users cannot be used for regulatory purposes.

FEMA FLOOD MAP NOT TO SCALE



U.S.G.S. QUADRANGLE MAP

Waters Supporting Warm Water Fisheries

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+
1.00-10	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	300	600
100.01+	50	50	50	50	100	200	100	100

PRIMARY PERMITTEE 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)
GSWCC CERTIFICATION NO. 12451

DATE

SIGNATURE

ADDRESS

PHONE

FAX

EMAIL

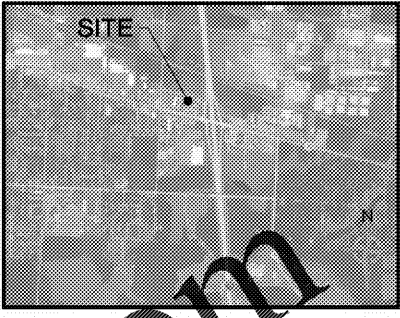
NOTE: GENERAL CONTRACTOR IS TO SIGN AND DATE PERMITTEE CERTIFICATION(S) AND KEEP ON-SITE AT ALL TIMES.

ANTICIPATED ACTIVITY SCHEDULE

ACTIVITY	1	2	3	4	5	6	7	8
1. INSTALL SEDIMENT CONTROLS	01-10-20							
2. CLEARING AND GRUBBING		01-10-20						
3. DEMOLITION			01-10-20					
4. MASS GRADING				01-10-20				
5. STORM DRAINAGE INSTALLATION					01-10-20			
6. INSTALL SEDIMENT TRAPS & SIRS						01-10-20		
7. UTILITY INSTALLATION							01-10-20	
8. BLDG CONST & PAVING								01-10-20
9. DESTROYING OF STORM BASIN								
10. MASS GRASS (SEED) & PERM								01-10-20
11. LANDSCAPING								
12. EROSION CONTROL								
13. SIGN 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

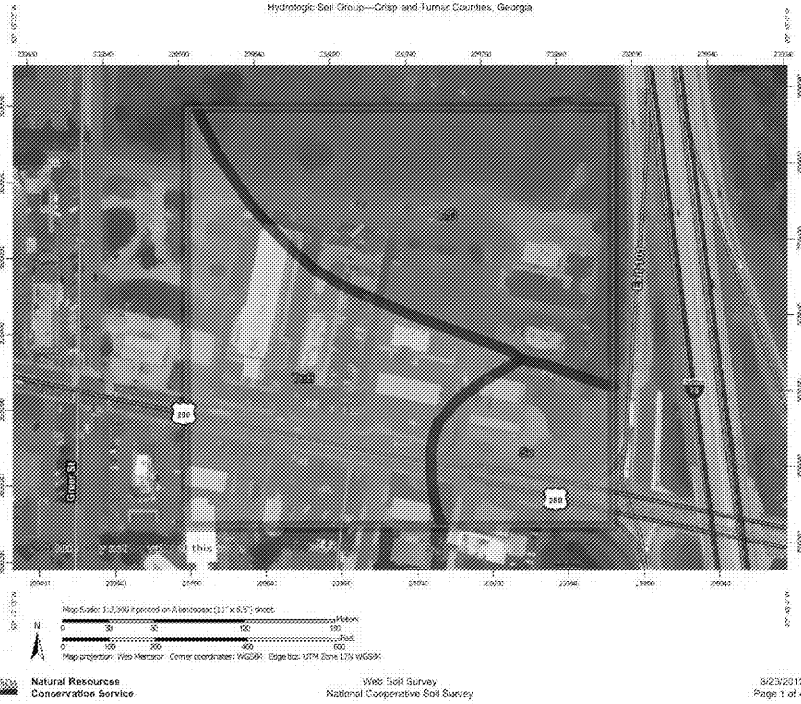


LOCATION MAP

FERTILIZER REQUIREMENTS

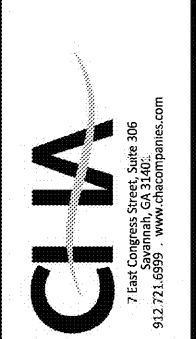
TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	TOP DRESSING RATE	N
1. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 10-10-10	1500lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 30	* 1 & 2
2. COOL SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10	1500lbs./ac. 400 lbs./ac.	50-100 lbs./ac. -	* 1
3. PINE SEEDLINGS	FIRST SECOND MAINTENANCE	10-10-10 10-10-10	1300lbs./ac. 1300lbs./ac.	100 lbs./ac. -	* 3
4. SHRUB LEPIDAZA	FIRST MAINTENANCE	0-10-10 0-10-10	700lbs./ac. 700lbs./ac.	- -	* 4
5. TEMPORARY COVER CROPS SEEDING ALONE	FIRST	10-10-10	900lbs./ac.	30 lbs./ac.	* 5
6. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 6-12-12 10-10-10	1500lbs./ac. 800lbs./ac. 400 lbs./ac.	50-100 lbs./ac. 50-100 lbs./ac. 30 lbs./ac.	* 2 & 6 * 2
7. WARM SEASON GRASSES AND LEGUMES	FIRST SECOND MAINTENANCE	6-12-12 0-10-10	1500lbs./ac. 400 lbs./ac.	50-100 lbs./ac. -	* 6

- * 1 APPLY IN SPRING FOLLOWING SEEDING.
- * 2 APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED.
- * 3 APPLY IN SPLIT APPLICATIONS.
- * 4 APPLY WHEN PLANTS ARE PRUNED.
- * 5 APPLY TO GRASS SPECIES ONLY.
- * 6 APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.



SOILS MAP NOT TO SCALE

EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN NOTES



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GSWCC # 3001

Project Title
CIRCLE K DIESEL EXPANSION
CORDELE, GA (CRISP COUNTY)
BY: CIRCLE K - SOUTH ATLANTIC DIVISION
WAYCROSS, GA 31501

REVISIONS	BY

DRAWN BY RLP
CHECKED BY JLH
DATE 12/15/2020
SCALE NO SCALE
JOB No. 19-LD-090
SHEET NUMBER

ES-5