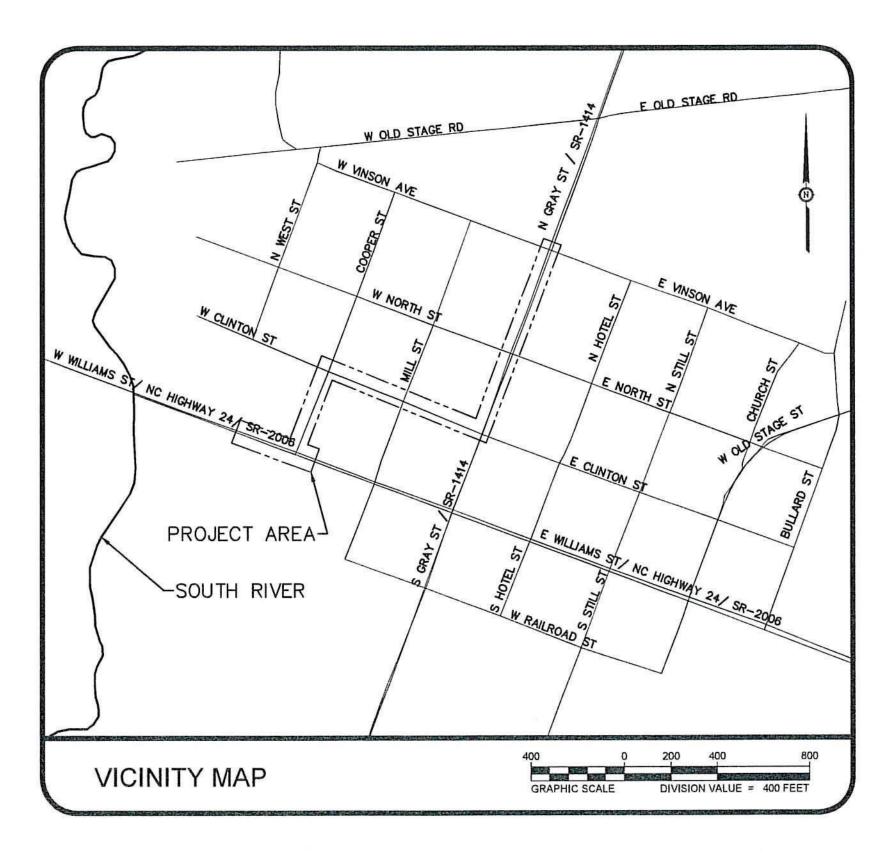
DWI# SRP-SW-ARP-0007 AUTRYVILLE STORMWATER IMPROVEMENTS

TOWN OF AUTRY/ILE

SAMPSON COUNTY, NORTH CAROLINA



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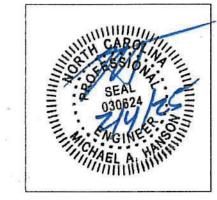
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BID SET

JANUARY 2025

GENERAL EROSION CONTROL NOTES

- FINISH GRADE TOLERANCES SHALL BE AS NOTED IN SPECIFICATIONS. THE ENGINEER MAY MAKE GRADE CHANGES AS REQUIRED IN THE FIELD WITHOUT EFFECTING THE UNIT BID PRICE FOR UNCLASSIFIED
- 2. UNLESS OTHERWISE STATED, ALL FILL AREAS SHALL BE CONSTRUCTED IN LAYERS OF 8" MAXIMUM THICKNESS, WITH WATER ADDED OR SOIL CONDITIONED TO THE OPTIMUM MOISTURE CONTENT AS DETERMINED BY THE ENGINEER AND COMPACTED WITH A SHEEP'S FOOT ROLLER TO A COMPACTION EQUAL TO OR GREATER THAN 95% OF THE DENSITY OBTAINED BY COMPACTING A SAMPLE OF THE MATERIAL IN ACCORDANCE WITH THE STANDARD PROCTOR METHOD OF MOISTURE-DENSITY RELATIONSHIP TEST, ASTM D696 OR AASHTO-99 UNLESS SPECIFIED IN OTHER SPECIFICATIONS.
- ENTIRE AREA TO BE GRADED SHALL BE CLEARED AND GRUBBED. NO FILL SHALL BE PLACED ON ANY AREA NOT CLEARED AND GRUBBED. CLEARING AND GRUBBING INCLUDES THE REMOVAL OF ALL VEGETATION, TOPSOIL, ROOTS, AND ALL OTHER ORGANIC MATERIAL. VEGETATION INCLUDES ALL TREES LESS THAT SIX (6) INCHES IN DIAMETER AT BREAST HEIGHT.
- 4. ALL DISTURBED NATURAL GROUND SHALL BE SEEDED.
- 5. ALL SOIL EROSION CONTROL MEASURES REQUIRED BY THE GRADING PLAN SHALL BE PERFORMED PRIOR TO GRADING, CLEARING, OR GRUBBING. ALL EROSION CONTROL DEVICES SUCH AS SILT FENCES, ETC. SHALL BE MAINTAINED IN WORKABLE CONDITION FOR THE LIFE OF THE PROJECT AND SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT ONLY ON THE ENGINEER'S APPROVAL. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO EROSION CONTROL. IF DURING THE LIFE OF THE PROJECT A STORM CAUSES SOIL EROSION WHICH CHANGES FINISH GRADES OR CREATES "GULLIES" AND "WASHED AREAS," THESE SHALL BE REPAIRED AT NO EXTRA COST, AND ALL SILT WASHED OFF OF THE PROJECT SITE ONTO ADJACENT PROPERTY SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AT NO EXTRA COST. THE CONTRACTOR SHALL ADHERE TO ANY APPROVED EROSION CONTROL PLANS WHETHER INDICATED IN THE CONSTRUCTION PLANS OR UNDER SEPARATE COVER.
- DISPOSABLE MATERIAL CLEARING AND GRUBBING WASTES SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR AT HIS EXPENSE, UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL REMOVE SOLID WASTE FROM THE SITE AND PROPERLY DISPOSE OF IT AT HIS
- 6.3. ON SITE BURNING IS NOT ACCEPTABLE.

SYMBOL LEGEND

- NO WASTE, SPOIL, SOLIDS, OR FILL OF ANY KIND CAN OCCUR IN WETLANDS OR WATERS BEYOND THE FOOTPRINT OF THE IMPACTS (INCLUDING TEMPORARY IMPACTS) AS AUTHORIZED IN THE WRITTEN APPROVAL FROM DWR; OR BEYOND THE PERMITTED THRESHOLDS WITHOUT WRITTEN AUTHORIZATION. NO REMOVAL OF VEGETATION OR OTHER IMPACTS OF ANY KIND CAN OCCUR TO STATE REGULATED RIPARIAN BUFFERS BEYOND THE FOOTPRINT OF IMPACTS APPROVED IN A BUFFER AUTHORIZATION OR VARIANCE OR AS LISTED AS AN EXEMPT ACTIVITY IN THE APPLICABLE RIPARIAN BUFFER RULES.
- ALL DEVICES SHALL BE MAINTAINED ON ALL CONSTRUCTION SITES, BORROW SITES, AND WASTE PILE (SPOIL) SITES, INCLUDING CONTRACTOR OWNED OR LEASED BORROW PITS ASSOCIATED WITH THE PROJECT. SUFFICIENT MATERIALS REQUIRED FOR STABILIZATION AND/OR REPAIR OF EROSION CONTROL MEASURES AND STORMWATER ROUTING AND TREATMENT SHALL BE ON-SITE AT ALL TIMES.
- SEDIMENT AND EROSION CONTROL MEASURES WILL NOT BE PLACED IN WETLANDS OR WATERS EXCEPT WITHIN THE FOOTPRINT OF TEMPORARY OR PERMANENT IMPACTS AUTHORIZED UNDER THE PERMITS. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR.
- 10. EROSION CONTROL MATTING THAT INCORPORATES PLASTIC MESH AND/OR PLASTIC TWINE MUST NOT BE USED ALONG STREAMBANKS OR WITHIN WETLANDS. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR
- 11. AN NPDES CONSTRUCTION STORMWATER PERMIT (NCG010000) IS REQUIRED FOR CONSTRUCTION PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. THE NCG010000 PERMIT ALLOWS STORMWATER TO BE DISCHARGED DURING LAND DISTURBING CONSTRUCTION ACTIVITIES AS STIPULATED IN THE CONDITIONS OF THE PERMIT. IF THE PROJECT IS COVERED BY THE PERMITS, FULL COMPLIANCE WITH PERMIT CONDITIONS INCLUDING THE EROSION AND SEDIMENTATION CONTROL PLAN, INSPECTIONS AND MAINTENANCE, SELF-MONITORING, RECORD KEEPING AND REPORTING REQUIREMENTS IS REQUIRED.
- 12. ALL WORK IN OR ADJACENT TO STREAMS SHOULD BE CONDUCTED SO THAT THE FLOWING STREAM DOES NOT COME IN CONTACT WITH THE DISTURBED AREA. APPROVED BEST MANAGEMENT PRACTICES FROM THE MOST CURRENT VERSION OF THE NC SEDIMENT AND EROSION CONTROL MANUAL, OR THE NC DOT CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL, SUCH AS SANDBAGS, ROCK BERMS, COFFERDAMS, AND OTHER DIVERSION STRUCTURES SHOULD BE USED TO MINIMIZE EXCAVATION IN FLOWING WATER. EXCEPTIONS TO THIS CONDITION REQUIRE APPLICATION TO AND WRITTEN APPROVAL FROM DWR.
- 13. APPLICATION OF FERTILIZER TO ESTABLISH PLANTED/SEEDED VEGETATION WITHIN DISTURBED RIPARIAN AREAS AND/OR WETLANDS WILL BE CONDUCTED AS AGRONOMIC RATES AND MUST COMPLY WITH ALL OTHER FEDERAL, STATE AND LOCAL REGULATIONS. FERTILIZER APPLICATION WILL BE ACCOMPLISHED IN A MANNER THAT MINIMIZES THE RISK OF CONTACT BETWEEN THE FERTILIZER AND SURFACE WATERS.

LINE LEGEND

•	PROPERTY CORNER FOUND	PROPERTY LINE (PL)
1	CONC MONUMENT FOUND	PL NOT SURVEYED
0	DATUM CONTROL POINT	RIGHT-OF-WAY LINE EASEMENT
-	SIGN	——————————————————————————————————————
1	CATCH BASIN	EDGE OF GRAVEL
	GRATED INLET	EDGE OF RIPRAP EDGE OF LANDSCAPING
ک	UTILITY POLE	SHRUB LINE
હ	UTILITY POLE WITH DROP	TREE LINE
*	GUY WIRE / ANCHOR	CHAIN-LINK FENCE
0	SEWER MANHOLE	
•	TELEPHONE PEDESTAL	WALL
	TELEPHONE HANDHOLE	——————————————————————————————————————
à	FIBEROPTIC HANDHOLE	
>	CABLE TV PEDESTAL	
2	FIRE HYDRANT	
D	WATER METER	CONTOUR MINOR
•	WATER VALVE	
*	EVERGREEN TREE	HATCH LEGEND
)	DECIDUOUS TREE	CONCRETE
	SHRUB	PAVEMENT
ğ	SPOT ELEVATION	GRAVEL
0	MAILBOX	
9	WETLAND FLAG	BUILDING

NORTH CAROLINA LAND QUALITY SECTION EROSION CONTROL NOTES

GENERAL: ALL EROSION CONTROL MEASURES ARE TO BE PERFORMED IN STRICT ACCORDANCE WITH REQUIREMENTS OF THE NORTH CAROLINA DEPARTMENT OF ENMRONMENTAL QUALITY (NCDEQ), DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES (DEMLR), LAND QUALITY SECTION. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE COMPLIED WITH FOR ALL WORK.

INSTALL ALL EROSION CONTROL MEASURES AS REQUIRED BY THE NCDEQ. PROCEED WITH GRADING, CLEARING, AND GRUBBING. NO OFF SITE DISPOSAL OF MATERIAL IS ALLOWED UNLESS THE DISPOSAL SITE HAS AN APPROVED

AT THE FOLLOWING RATES PER ACRE. STRAW MULCH SHALL BE TACKED WITH TACKING AGENT APPLIED BY HYDROSEEDER.

EROSION CONTROL PLAN. . SEED AND MULCH DENUDED AREA WITHIN TIME FRAME SPECIFIED (SEE TABLE). SEED AND SOIL AMENDMENTS SHALL BE PLACED ON A PREPARED SEEDBED

100 LBS (NATURAL AREAS AND STREAMBANKS) CREEPING RED FESCUE 60-80 BALES STRAW MULCH FOR SUMMER SEEDING ADD TO THE ABOVE:

50 LBS SMALL-STEMMED SUDAN GRASS (SORGHUM BICOLOR)

FOR WINTER SEEDING ADD TO THE ABOVE: RYE GRAIN (SECALE CEREALE)

120 LBS

40 LBS

IF HYDROSEEDING, WOOD CELLULOSE MAY BE USED IN ADDITION TO STRAW MULCH AT THE RATE OF 1,000 LBS PER ACRE.

ALL SEEDING SHALL BE MAINTAINED, WATERED ETC.., UNTIL A PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED OVER ALL DISTURBED AREAS. FOR ALL SLOPES 2:1 OR STEEPER ADD TO THE ABOVE: PURGE LIVE SEED SWITCHGRASS 4 LBS

8 LBS BROWNTOP MILLET OR PEARL MILLET (PENNISETUM GLAUCUM) GRAIN SORGHUM (SORGHUM BICOLOR (L.) MOENCH SSP. BICOLOR) 2 LBS ALL SLOPES 2:1 OR STEEPER SHALL BE COVERED BY EROSION CONTROL MATTING.

NATIVE PLANT SEEDING MIX FOR WETLAND STREAM OR RIVERBANK STABILIZATION

- 1. NATIVE SEED MIX SHALL BE APPLIED AT A RATE OF 20 LBS./AC. AND INCLUDE THE FOLLOWING SPECIES:
 - 25% BIG BLUESTEM (ANDROPOGON GERARDII)

GERMAN MILLET (SETARIA ITALICA)

- 25% INDIAN GRASS (SORGHASTRUM NUTANS)
- 25% LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM) 25% - SWITCHGRASS (PANICUM VIRGATUM)
- 2. ADDITIONALLY A TEMPORARY COVER/NURSE CROP MIX SHALL BE APPLIED AT A RATE OF 25 LBS./ACRE AS FOLLOWS:

AUGUST THRU MAY - GREENRYE (SECALE CEREALE)

MAY 1 THRU AUGUST - MILLET (PENNISETUM GLAUCUM)

- 3. ANY SUBSTITUTIONS OR VARIATIONS FROM SPECIFICATIONS ABOVE SHALL BE APPROVED BY THE PROJECT ENGINEER.
- 4. NO FERTILIZER SHALL BE USED WITHIN 10' OF TOP OF STREAM OR RIVER BANK.
- 5. MAINTAIN SOIL EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- 6. REQUEST FINAL APPROVAL BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL QUALITY, DIVISION OF ENERGY, MINERAL, AND LAND RESOURCES, LAND QUALITY SECTION.
- 7. REMOVE SOIL EROSION CONTROL MEASURES AND STABILIZE THESE AREAS

GENERAL CONSTRUCTION NOTES

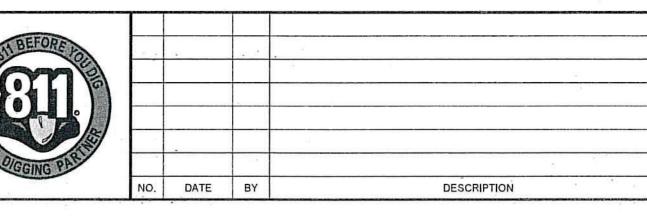
- SURVEY IS REFERENCED TO HORIZ: NAD83, STATE PLANE (FEET) NORTH CAROLINA (FIFS 3200) VERTICAL: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) BY TAYLOR WISEMAN & TAYLOR, FEBRUARY 01, 2023.
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS BEFORE INSTALLATION OF **FACILITIES**
- INSTALL SILT FENCE AROUND LIMITS OF CONSTRUCTION.
- NOT ALL UTILITIES ARE SHOWN. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXISTING UTILITIES AND UTILITY INFORMATION PRESENTED ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE ADDRESSED TO THE FNGINEER IN WRITING. THE CONTRACTOR IS RESPONSIBLE OF NOTIFYING AND COORDINATING WORK WITH THE AFFECTED UTILITY COMPANIES WHETHER HE PERFORMS THE WORK OR A UTILITY COMPANY PERFORMS THE WORK. ANY DAMAGE DONE TO EXISTING UTILITIES (SHOWN OR NOT SHOWN ON PLANS) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT NC ONE CALL AT 1-800-632-4949 AT LEAST THREE WORKING DAYS PRIOR TO CONSTRUCTION. NON-SUBSCRIBERS SHALL BE CONTACTED DIRECTLY.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS. AND UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE SATISFACTION OF ENGINEER AND/OR UTILITY OWNER AT NO ADDITIONAL COST TO OWNER.
- 6. ALL PUBLIC ROADWAYS SHALL REMAIN OPEN AT ALL TIMES UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ROAD SURFACES CLEAN AND FREE OF CONSTRUCTION SEDIMENT AND DEBRIS AT ALL TIMES.
- ALL WORK SHALL BE PREFORMED IN ACCORDANCE WITH APPLICABLE LOCAL TOWN, STATE, AND FEDERAL REGULATIONS AND PERMIT
- CONTRACTOR SHALL COORDINATE CLOSURE OF N. GRAY ST. (SR-1414) WITH NCDOT. ALL OTHER ROAD CLOSURES TO BE COORDINATED WITH THE TOWN OF AUTRYVILLE. NCDOT ROAD LANE CLOSING AND SHOULDER WORK TRAFFIC CONTROL DEVICES SHALL BE IN PLACE AS REQUIRED BY NCDOT. CONTRACTOR SHALL BE FAMILIAR WITH THE NCDOT MAINTENANCE/UTILITY TRAFFIC CONTROL GUIDELINES AND NECESSARY PROCEDURES. ALL MAINTENANCE OF TRAFFIC CONTROL DEVICES AND PROCEDURES SHALL MEET MUTCD STANDARDS. CONTRACTOR SHALL SUBMIT A MOT PLAN TO THE TOWN ONE WEEK BEFORE CONSTRUCTION BEGINS, CONTRACTOR SHALL SUBMIT A MOT PLAN TO NCDOT ONE WEEK BEFORE CONSTRUCTION ON OR ALONG N. GRAY ST (SR-1414) BEGINS.
- NCDOT MUST PROVIDE FINAL APPROVAL OF THE LIMITS OF PAVEMENT REPAIR WITHIN THEIR RIGHTS-OF-WAY PRIOR TO COMMENCEMENT OF
- 10. ALL EXISTING STORM PIPES IN CONFLICT WITH CONSTRUCTION ACTIVITIES SHALL BE REMOVED, UNLESS NOTED OTHERWISE
- 11. EXISTING UTILITY ELEVATIONS ARE APPROX. CONTRACTOR TO FIELD VERIFY SIZE, MATERIAL, AND LOCATION BEFORE CONSTRUCTION. UTILITY SEPARATIONS TO FOLLOW 15A NCAC 02T, 18C .0906, AND 18C .0904 REGULATIONS. IF THE PROPOSED STORMWATER LINE AND UTILITY SEPARATIONS DO NOT MEET THE AFORE MENTIONED REGULATIONS CONTRACTOR IS RESPONSIBLE TO RELOCATE EXISTING NON-STORMWATER UTILITIES IN SUCH A MANNER AS TO MEET THEM. MAINTAIN MIN. TWELVE (12) INCH VERTICAL AND HORIZONTAL CLEARANCE BETWEEN STORMWATER AND WATER LINES. MAINTAIN MIN. EIGHTEEN (18) INCH VERTICAL AND HORIZONTAL CLEARANCE BETWEEN STORMWATER AND ALL OTHER UTILITY LINES. COORDINATE RELOCATION OF TELECOMMUNICATION LINES WITH THE ASSOCIATED TELECOMMUNICATIONS COMPANY.
- 12. ALL EXCAVATION OVER SIX (6) FOOT IN DEPTH SHALL UTILIZE TRENCH BOXES. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF ALL SHEETING AND SHORING REQUIRED ON THE PROJECT. SIGNED AND SEALED SHORING DESIGNS SHALL BE SUBMITTED TO THE TOWN.
- 13. STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE (RCP), PER NCDOT STANDARD SPECIFICATIONS SECTION 1032, UNLESS A SPECIFIC MATERIAL IS NOTED ON THE PLANS. RCP WITH MORE THAN TWO (2) FOOT VERTICAL COVER SHALL BE CLASS III. RCP WITH LESS THAN TWO (2) FOOT VERTICAL COVER SHALL BE CLASS IV RCP. RCP WITH LESS THAN ONE (1) FOOT VERTICAL COVER SHALL BE CLASS V RCP. COVER IS MEASURED FROM TOP OF PIPE TO BOTTOM OF PAVEMENT STRUCTURE AND/OR SUB-GRADE WHEN BELOW ROADWAYS AND DRIVEWAYS. COVER IS MEASURED FROM TOP OF PIPE TO THE GROUND SURFACE IN EARTHEN
- 14. PRE-CAST CATCH BASINS SHALL CONFORM TO THE REQUIREMENTS OF NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES (LATEST EDITION) ARTICLES 840-1 THROUGH 840-3. DROP INLETS SHALL CONFORM TO NCDOT STANDARD DETAIL 840.14. TYPE A DROP INLETS SHALL CONFORM TO STANDARD DETAIL 840.17 OR 840D17. JUNCTION BOXES SHALL CONFORM TO NCDOT STANDARD DETAIL 840.31. TRAFFIC BEARING JUNCTION BOXES SHALL CONFORM TO NCDOT STANDARD DETAIL 840.34. PRE-CAST DRAINAGE STRUCTURES SHALL CONFORM TO NCDOT STANDARDS DETAIL 840.45. TRAFFIC BEARING PRE-CAST DRAINAGE STRUCTURES SHALL CONFORM TO NCDOT STANDARDS DETAIL 840.46. MANHOLES SHALL CONFORM TO NCDOT STANDARD DETAIL 840.52.
- 15. DROP INLET FRAME, GRATE AND HOOD SHALL CONFORM TO NCDOT STANDARD DETAIL 840.16. TYPE A DROP INLET FRAME, GRATE AND HOOD SHALL CONFORM TO NCDOT STANDARD DETAIL 840.24. MANHOLE FRAME AND COVER SHALL CONFORM TO NCDOT STANDARD DETAIL
- 16. CONCRETE AND MASONRY SHALL MEET THE REQUIREMENTS OF APPROPRIATE SECTION OF NCDOT STANDARD SPECIFICATIONS FOR ROAD AND STRUCTURES (LATEST EDITION). CONCRETE SHALL BE CLASS A OR B, 4000 PSI MINIMÙM, MEETING THÉ REQUIREMENTS OF SECTION 1000, CONSTRUCTED IN ACCORDANCE WITH SECTION 825 UNLESS NOTED OTHERWISE, MASONRY SHALL MEET THE REQUIREMENTS OF SECTION 1040, CONSTRUCTED IN ACCORDANCE WITH SECTION 830 AND/OR 834 UNLESS NOTED OTHERWISE.
- 17. TOPS OF PROPOSED FRAMES AND GRATES SHALL BE FLUSH WITH FINISHED GRADE.
- 18. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SODDED UPON COMPLETION OF CONSTRUCTION.

BID SET









DWI# SRP-SW-ARP-0007 **AUTRYVILLE STORMWATER IMPROVEMENTS**

SAMPSON COUNTY, NORTH CAROLINA

NOT TO SCALE NOTES AND LEGEND 1 OF 2 OFFICE MANAGER K. BEESLEY M. HANSON PROJECT MANAGER REVIEWER JNDING # N/A JANUARY 2025 20.03019 M. HANSON M. HANSON

SHEET

U-U

NCDEQ GENERNAL CONSTRUCTION NOTES ADJACENT WETLANDS AND STREAMS

- THE CONTRACTOR SHALL MINIMIZE CLEARING WITHIN WETLANDS AND ACROSS STREAMS TO THE GREATEST EXTENT PRACTICABLE AND SHALL NOT EXCEED 50' WIDE FOR GAS UTILITY LINES AND 40' MIDE FOR ALL OTHER UTILITY LINES. EXCEPTIONS TO THIS CONDITION WILL REQUIRE WRITTEN APPROVAL FROM THE PROJECT ENGINEER. FOR CONSTRUCTION CORRIDORS IN WETLANDS AND ACROSS STREAM CHANNELS, STUMPS SHALL BE GRUBBED ONLY AS NEEDED TO INSTALL THE UTILITY AND REMAINING STUMPS SHALL BE CUT OFF AT GRADE LEVEL. THE GENERAL STRIPPING OF TOPSOIL WITHIN WETLANDS ALONG THE CONSTRUCTION CORRIDOR IS NOT PERMITTED.
- PERMANENT MAINTAINED ACCESS CORRIDORS IN WEILANDS AND ACROSS STREAM CHANNELS SHALL BE PERMANENT MAINTAINED ACCESS CORRIDORS IN WELLANDS AND ACROSS STREAM CHANNELS STRILL OF RESTRICTED TO THE MINIMUM WIDTH
 PRACTICABLE AND SHALL NOT EXCEED 30' WIDE FOR GAS UTILITY LINES AND 20' WIDE FOR ALL OTHER
 UTILITY LINES EXCEPT AT MAINTOLE LOCATIONS, 15' X 15' PERPENDICULAR VEHICLE TURN-AROUNDS ARE
 ALLOWED IN ACCESS CORRIDORS BUT MUST BE SPACED AT LEAST 500' APART. EXCEPTIONS TO THIS
 CONDITION REQUIRE WRITTEN APPROVAL FROM THE PROJECT ENGINEER.
- THE CONTRACTOR SHALL HAVE A SPECIFIC PLAN FOR RESTORING WETLAND CONTOURS. ANY EXCESS MATERIAL SHALL BE REMOVED TO A HIGH GROUND DISPOSAL AREA. THE MIXING OF TOPSOIL AND SUBSOILS WITHIN WETLANDS ALONG UTILITY CORRIDORS SHALL BE MINIMIZED TO THE GREATEST EXTENT PRACTICABLE DURING EXCAVATION. THE SOILS SHALL BE PLACED ON FABRIC TO MINIMIZE IMPACTS WHENEVER POSSIBLE. TOPSOIL EXCAVATED FROM UTILITY TRENCHES SHALL BE PILED SEPARATELY FROM SUBSOILS AND BACKFILLED INTO THE TRENCH ONLY AFTER THE SUBSOILS HAVE BEEN PLACED AND COMPACTED.
- NO WASTE, SPOIL, SOLIDS, OR FILL OF ANY KIND CAN OCCUR IN WETLANDS OR WATERS BEYOND THE FOOTPRINT OF THE IMPACT AREA (INCLUDING TEMPORARY IMPACTS) OR BEYOND THE PERMITTED THRESHOLDS WITHOUT WRITTEN AUTHORIZATION FROM THE PROJECT ENGINEER. NO REMOVAL OF VECETATION OR OTHER MEACTS OF ANY KIND CAN OCCUR TO STATE REQULATED RIPARIAN BUFFERS BEYOND THE FOOTPRINT OF IMPACTS APPROVED IN A BUFFER AUTHORIZATION OR VARIANCE OR AS LISTED AS AN EXEMPT ACTIVITY IN THE APPLICABLE RIPARIAN BUFFER RULES.
- ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED ON ALL CONSTRUCTION SITES, BORROW SITES, AND WASTE PILE (SPOIL) SITES, INCLUDING CONTRACTOR OWNED OR LEASED BORROW PITS ASSOCIATED WITH THE PROJECT. SUFFICIENT MATERIALS REQUIRED FOR STABILIZATION AND/OR REPAIR OF EROSION CONTROL MEASURES AND STORMWATER ROUTING AND TREATMENT SHALL BE ON—SITE AT ALL TIMES.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE PLACED IN WETLANDS OR WATERS EXCEPT WITHIN THE FOOTPRINT OF TEMPORARY OR PERMANENT IMPACTS AUTHORIZED UNDER THE PERMITS. EXCEPTIONS TO THIS CONDITION REQUIRE WRITTEN APPROVAL FROM THE PROJECT ENGINEER.
- EROSION CONTROL MATTING THAT INCORPORATES PLASTIC MESH AND/OR PLASTIC TWINE SHALL NOT BE USED ALONG STREAMBANKS OR WITHIN WETLANDS. EXCEPTIONS TO THIS CONDITION REQUIRE WRITTEN APPROVAL FROM THE PROJECT ENGINEER.
- AN NPDES CONSTRUCTION STORMWATER PERMIT (NCG010000) IS REQUIRED FOR CONSTRUCTION PROJECTS THAT DISTURB ONE OR MORE ACRES OF LAND. THE NCG010000 PERMIT ALLOWS STORMWATER TO BE DISCHARGED DURING LAND ISTURBING CONSTRUCTION ACTIVITIES AS STIPULATED IN THE CONDITIONS OF THE PERMIT. IF THE PROJECT IS COVERED BY THE PERMITS, FULL COMPLIANCE WITH PERMIT CONDITIONS INCLUDING THE EROSION AND SEDIMENTATION CONTROL PLAN INSPECTIONS AND MAINTENANCE, SELF—MONITORING, RECORD KEEPING AND REPORTING REQUIREMENTS IS REQUIRED.
- ALL WORK IN OR ADJACENT TO STREAMS SHALL BE CONDUCTED SO THAT THE FLOWING STREAM DOES NOT COME IN CONTACT WITH THE DISTURBED AREA. APPROVED BEST MANAGEMENT PRACTICES FROM THE MOST CURRENT VERSION OF THE NO SEDIMENT AND EROSION CONTROL MANUAL, OR THE NC DOT CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL, SUCH AS SANDBAGS, ROCK BERMS, COFFERDAMS, AND OTHER DIVERSION STRUCTURES SHALL BE USED TO MINIMIZE EXCAVATION IN FLOWING WATER. EXCEPTIONS TO THIS CONDITION REQUIRE WRITTEN APPROVAL FROM THE PROJECT ENGINEER.
- CULVERTS SHALL BE INSTALLED IN SUCH A MANNER THAT THE ORIGINAL STREAM PROFILES ARE NOT ALTERED AND ALLOW FOR AQUATIC LIFE MOVEMENT DURING LOW FLOWS. THE DIMENSION, PATTERN, AND PROFILE OF THE STREAM ABOVE AND BELOW A PIPE OR CULVERT SHALL NOT BE MODIFIED BY WIDENING THE STREAM CHANNEL OR BY REDUCING THE DEPTH OF THE STREAM IN CONNECTION WITH THE CONSTRUCTION
- APPLICATION OF FERTILIZER TO ESTABLISH PLANTED/SEEDED VEGETATION WITHIN DISTURBED RIPARIAN AREA: SHALL COMPLY WITH ALL OTHER FEDERAL, STATE AND LOCAL REQULATIONS. FERTILIZER APPLICATION SHALL BE ACCOMPLISHED IN A MANNER THAT MINIMIZES THE RISK OF CONTACT BETWEEN THE FERTILIZER AND SUFFACE WATERS.
- IF CONCRETE IS USED DURING CONSTRUCTION, THEN ALL NECESSARY MEASURES SHALL BE TAKEN TO PREVENT DIRECT CONTACT BETWEEN UNCURED OR CURING CONCRETE AND WATERS OF THE US. WATER THAT INADVERTENTLY CONTACTS UNCURED CONCRETE SHALL NOT BE DISCHARGED TO WATERS OF THE USE.
- ALL PROPOSED AND APPROVED TEMPORARY FILL AND CULVERTS SHALL BE REMOVED AND THE IMPACTED AREA RETURNED TO NATURAL CONDITIONS WITHIN 60 CALENDAR DAYS AFTER THE TEMPORARY IMPACT IS NONGEN RECESSARY, THE IMPACTED AREAS SHALL BE RETURNED TO ORIGINAL GRADE, INCLUDING EACH STREAM'S ORIGINAL CROSS SECTIONAL DIMENSIONS, PLANFORM PATTERN, AND LONGTUDINAL BED PROFILE. ALL TEMPORARY IMPACTS SHALL E REPOSTORED AND STRBUZZED WITH NATIVE VECETATION.
- ALL PROPOSED AND APPROVED TEMPORARY PIPES/CULVERTS/RIP-RAP PADS ETC. IN STREAMS SHALL BE INSTALLED AS OUTLINED IN THE MOST RECENT EDITION OF THE NC SEDIMENT AND EROSION CONTROL PLANNING AND DESIGN MANUAL OR THE NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES SO AS NOT TO RESTRICT STREAM FLOW OR CAUSE DIS-EQUILIBRIUM DURING USE OF THIS CERTIFICATION.
- ANY RIP—RAP REQUIRED FOR PROPER CULVERT PLACEMENT, STREAM STABILIZATION, OR RESTORATION OF TEMPORARILY DISTURBED AREAS SHALL BE RESTRICTED TO THE AREA DIRECTLY IMPACTED BY THE APPROVED CONSTRUCTION ACTIVITY. ALL RIP—RAP SHALL BE PLACED SUCH THAT THE ORIGINAL STREAM ELEVATION AND STREAM BANK CONTOURS ARE RESTORED AND MAINTAINED, NOT RESULT IN THE DESTRICT AGUATIC STREAM BED OR BANKS UPSTREAM OF DOWNSTREAM OF THE AREA, AND NOT RESTRICT AQUATIC LIFE PASSAGE.
- ANY RIP-RAP USED FOR STREAM OR SHORELINE STABILIZATION SHALL BE OF SIZE AND DENSITY TO PREVENT MOVEMENT BY WAVE, CURRENT, OR STREAM FLOWS, AND WILL CONSIST OF CLEAN ROCK OR MASONRY MATERIAL. RIP-RAP SHALL NOT BE INSTALLED IN THE STREAMBED EXCEPT IN SPECIFIC AREAS REQUIRED FOR VELOCITY CONTROL AND TO ENSURE STRUCTURAL INTEGRITY OF BANK STABILIZATION
- ALL MECHANIZED EQUIPMENT OPERATED NEAR SURFACE WATERS SHALL BE INSPECTED, FUELED, LUBRICATED AND MAINTAINED REQULARLY AND MAINTEANINED PERFORMED IN A MANNER TO PREVENT CONTAINNATION OF STREAM WATER FROM FUELS, LUBRICANTS, HYDRAULIC FLUIDS, OR OTHER TOXIC MATERIALS.
- HEAVY EQUIPMENT WORKING IN WETLANDS SHALL BE PLACED ON MATS OR OTHER MEASURES TAKEN TO
- THE CONTRACTOR OR OTHER RESPONSIBLE ENTITY SHALL REPORT ANY PETROLEUM SPILL OF 25 GALLONS OR MORE; ANY SPILL REGARDLESS OF AMOUNT THAT CAUSES A SHEEN ON SURFACE WATERS; ANY PETROLEUM SPILL REGARDLESS OF SIZE THAT OCCURS WITHIN 100-FEET OF SURFACE WATER; AND ANY PETROLEUM SPILL LESS THAN 25 GALLONS THAT CANNOT BE CLEANED UP WITHIN 24 HOURS.

WETLAND RESTORATION NOTES

- WETLAND SOILS SHOULD BE SIDECAST SEPARATELY FROM SUBSOILS AND RETURNED BACK INTO THE TOP OF BACKFILLED TRENCHES POST CONSTRUCTION.
- 2. DISTURBED WETLAND AREAS SHOULD BE RETURNED TO ORIGINAL CONTOURS AND FLEVATIONS.
- SEED MIX SHALL CONSIST OF NATIVE NORTH CAROLINA WETLAND SPECIES. SEE TABLE THIS SHEET, WETLAND RESTORATION SEED MIX.
- STRAW MULCH STRAW MULCH SHALL CONSIST OF UN-ROTTEN SMALL GRAIN STRAW. ALL MULCH SHALL BE FREE FROM STATE AND FEDERAL PROHIBITED NOXIOUS WEED SEEDS LISTED AS ALIEN INVASIVE SPECIES BY THE VIRIONIA DEPARTMENT OF CONSERVATION AND RECREATION NATURAL HERITAGE PROGRAM, THE US DEPARTMENT OF AGRICULTURE AND THE MID-ATLANTIC EXOTIC PEST PLANT COUNCIL.
- ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED IN ACCORDANCE WITH THE SEEDING SCHEDULE.

CONSTRUCTION SEQUENCE

- 1. CONTRACTOR SHALL HAVE THE EROSION CONTROL PERMIT FROM NCDEQ, DEMLE FAYETTEVILLE REGIONAL OFFICE, CERTIFICATE OF COVERAGE (COC), AND APPROVED PLANS ON SITE. CONTACT THE DELIME FAYETTEVILLE REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING ANY LAND-DISTURBING ACTIVITY AT (910) 433–3300 PRIOR TO WORK COMMENCING.
- Z.FLAG WORK LIMITS BEFORE CONSTRUCTION ACTIVITY BEGINS. THE CONTRACTOR SHALL NOT PERFORM ANY CLEARING BEYOND THE LIMITS SHOWN ON THE PLANS. ALL WORK SHALL BE PERFORMED WITHIN NCDOT OR TOWN RIGHT OF WAY OR ESTABLISHED UTILITY EASEMENTS.
- 3.THE CONTRACTOR SHALL NOT DISTURB ANY AREA FOR LAYDOWN/STAGING THAT IS NOT WITHIN THE DISTURBED LIMITS. NOTIFY THE ENGINEER AND NCDEO IF ADDITIONA AREAS ARE NEEDED OUTSIDE OF THE DISTURBED LIMITS (INCLUDING DISTURBANCE FOR ADDITIONAL EROSION CONTROL MEASURES). THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING MEASURES AS NECESSARY TO PREVENT TRACKING DIRT AND MULD ONTO PUBLIC ROADWAYS, AND ADDITIONAL EROSION CONTROL MEASURES TO PREVENT SEDIMENT FROM RUNNING OFF THE SITE ONTO ROADWAYS
- 4.INSTALL SILT FENCE AND OTHER ADDITIONAL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS, CLEARING ONLY WHAT IS NECESSARY FOR INSTALLATION. D NOT INSTALL SILT FENCE ACROSS CHANNELS OR AREAS OF CONCENTRATED FLOWS.
- 5. WHERE THE UTILITY LINE IS INSTALLED ALONG THE ROADWAY RIGHT OF WAY, MATERIALS EXCAVATED SHALL BE PLACED ON ONE LANE OF THE PAVEMENT. ONE LANE OF TRAFFIC SHALL ALWAYS BE MAINTAINED WITH TRAFFIC CONTROL DEVICES. EXCAVATED MATERIAL SHALL BE PLACED ON THE HIGH SIDE OF THE SHOULDER, ROAD TO PROMOTE POSSIBLE SEDIMENT LADEN RUNOFF BACK INTO TRENCH. PRIOR TO PLACEMENT OF SOIL MATERIAL ON PAVED SURFACES, THE CONTRACTOR SHALL PLACE A ONE-INCH LAYER OF CLEAN SAND OR ROCK SCREENINGS ON THE PAVEMENT. AFTER THE PLACEMENT OF THE UTILITY LINE, PLACE SOIL MATERIAL IN TRENCH AND COMPACT PER THE PLANS AND SPECIFICATIONS.
- 6.NCDOT ROAD LANE CLOSING AND SHOULDER WORK TRAFFIC CONTROL DEVICES BE IN PLACE AS REQUIRED BY NCDOT. CONTRACTOR SHALL BE FAMILIAR WITH NCDOT MANTEMANCE/UTILITY TRAFFIC CONTROL GUIDELINES AND FOLLOW ALLO
- 7. WHERE THE UTILITY LINE IS CROSSING A STREAM AS SHOWN IN THE PLANS ON SHEET C-11 & C-30, REFERENCE THE "TEMPORARY STREAM BYPASS DETAIL" AND ASSOCIATIVE DETAILS ON SHEET C-55 AND STREAM BUFFER AND WETLAND RESTORATION NOTES AND DETAILS.
- 8.PRIOR TO UTILITY LINE INSTALLATION, INSTALL WATTLES DOWNSTREAM OF THE TRENCH AND AT LOCATIONS INDICATED IN SHEET C-30 AND C-31, INSTALL ROCK CHECK DANS AT THE LOCATION INDICATED IN SHEET C-30. ADDITIONAL WATTLES MAY BE REQUIRED.
- 9.INSTALL PROTECTIVE DRAINAGE STRUCTURES AT ALL EXISTING STORM DRAIN INLETS WITHIN THE VICINITY OF THE CONSTRUCTION.
- 10. IMMEDIATELY FOLLOWING UTILITY LINE INSTALLATION AND ROUGH GRADING WITHIN DITCHES, INSTALL WATTLES OR CHECK DAMS. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED.
- 11. MATERIAL THAT IS DISPOSED OF OFF-SITE SHALL BE DONE SO IN A PROPERLY PERMITTED SITE WITH SUFFICIENT EROSION CONTROL MEASURES INSTALLED. CONTRACTOR SHALL STABILIZE THE WORK AREA AT THE END OF EACH DAY.
- 2. THE CONTRACTOR SHALL CONDUCT SELF-INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES AND COMPETE THE FOLLOWING COMBINED SELF-INSPECTION FORM FOUND ON THE DEMLE MEBSITE SELF-INSPECTION FORM FOUND ON THE DEMLE MEBSITE SELF-INSPECTION FORM FOR SELF-INSPECTION FORM SELF-INSPECTION FORM SELF-INSPECTION FORM SELF-INSPECTION FORM SELF-INSPECTION FORM SELF-INSPECTION FORM SELF-INSPECTION FORMS SHALL ALWAYS BE KEPT ON-SITE AND AVAILABLE FOR INSPECTION.
- 13. SELF-INSPECTIONS FOR EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PERFORMED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITH 24 HOUR! OF EVERY RAIN EVENT OF GREATER THAN 1 INCH. ANY NEED REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN MEASURES AS DESIGNED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AS SPECIFIED IN THE DETAILS ON THIS PLAN. A RAIN GAUGE SHALL BE INSTALLED AT THE PROJECT SITE FOR MAINTAINEN
- 14. RETURN STORM SEWER LINE INSTALLATION AREAS TO PRECONSTRUCTION CONDITIONS. SEED/CRASS OR MAT TO PROVIDE STABILIZATION AS THE WORK PROGRESSES. PLACE TEMPORARY STONE SURFACE IN PAVED AREAS UNTIL FINAL ASPHALT PAVEMENT CAN BE INSTALLED. INSTALL DITCH LINER AS SHOWN AND SEED ALL DISTURBED AREAS SHOWN AND SEED STABILIZED WITHIN 7 DAYS OF UTILITY LINE INSTALLATION.
- 15. EROSION CONTROL MEASURES SHALL BE MAINTAINED DURING THE ENTIRE LENGTH OF THE PROJECT UNTIL SITE IS PERMANENTLY STABILIZED.
- 17. WHEN THE PROJECT IS COMPLETE, THE CONTRACTOR SHALL CONTACT THE ENGINEER, AT WHICH TIME DEMIR MILL BE CONTACTED TO CLOSE OUT THE EROSION AND SEDIMENTATION CONTROL PLAN.

TEMPORARY SEEDING SCHEDULE

(TO TEMPORARILY STABILIZE DENUDED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE FOR A PERIOD OF 15 WORKING DAYS)

SEEDING MIXTURE: SPECIES

RATE (LBS/AC) RYE (GRAIN) ANNUAL LESPEDEZA (KOBE)

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO

SOIL AMENDMENTS:

FOLLOW SOIL TESTS OR APPLY: 2,000 LBS/AC LIMESTONE AND 750 LB/AC 10-10-10 FERTILIZER

MULCH: 4,000 LBS/AC - ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL. (1)

MAINTENANCE: REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE

SEEDING DATES: APRIL 15 - AUGUST 15 SEEDING MIXTURE: SPECIES GERMAN MILLET

RATE (LBS/AC)

FOLLOW SOIL TESTS OR APPLY:

2.000 LBS/AC LIMESTONE AND

MULCH: 4,000 LBS/AC - ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OF A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.(1)

MAINTENANCE: REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAG

SEEDING DATES: AUGUST 15 THRU DECEMBER 15

RYE (GRAIN)

120

FOLLOW SOIL TESTS OR APPLY: 2,000 LBS/AC LIMESTONE AND 1,000 LB/AC 10-10-10 FERTILIZER

MULCH: 4,000 LBS/AC - ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OF A MULCH ANCHORING TOOL. (1)

(1) CHEMICAL MULCHES AND/OR SOIL BINDERS MAY BE USED ALONE OR, OR MAY BE USED TO TACK WOOD FIBER HYDROMULCHES. SYMTHETIC/CHEMICAL MULCHES SHALL NOT BE USED IN NON-TRAFFICKING AREAS. NO SYMTHETIC/CHEMICAL MULCHES SHALL BE USED THAT COULD BE HAZARDOUS TO FISH, MULDIFE, OR WATER RESOURCES. TACK RATES SHALL FOLLOW MANUFACTURES SPECIFICATIONS FOR APPLICATION.

MAINTENANCE: REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY.
TOPDRESS WITH 50 LBS/AC OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LBS/AC KOBE IN LATE FEBRUARY OR EARLY MARCH

TEMPORARY SEEDBED PREPARATION

- A GOOD SEEDBED IS WELL PULVERIZED, LOOSE, AND UNIFORM.
- LIMING APPLY LIME ACCORDING TO SOIL TEST RECOMMENDATIONS. IF LIMINO — APPLY LIME ACCORDING TO SOIL TEST RECOMMENDATIONS. IF THE pH (ACIDITY) OF THE SOIL IS NOT KNOW, AN APPLICATION OF GROUND AGRICULTURAL LIMESTONE AT THE RATE OF 1 — 1.5 TONS/ACRE ON OLD ASSET TEXTURED SOILS AND 2—3 TONS/ACRE ON COARSE TEXTURED SOILS IS USUALLY SUFFICIENT. APPLY LIMESTONE UNIFORMLY AND INCORPORATE INTO THE TOP 4—6 INCHES OF THE SOIL. SOILS WITH A PH OF 6 OR HIGHER NEED NOT BE LIMED.
- FERTILIZER BASE APPLICATION RATES ON SOIL TESTS. WHEN THESE ARE NOT POSSIBLE APPLY A 10-10-10 GRADE FERTILIZER AT 700 1000 LB/AGE. BOTH FERTILIZER AND LIME SHOULD BE INCORPORATED INTO THE TOP 4-6 INCHES OF SOIL. IF A HYDRAULC SEEDER IS USED, DO NOT MIX SEED AND FERTILIZER MORE THAN 30 MINUTES BEFORE APPLICATION.
- JUMP ALL MUUGHENING IF RECENT TILLAGE OPERATIONS HAVE RESULTED IN A LOOSE SUFFACE, ADDITIONAL ROUGHENING MAY NOT BE REQUIRED, EXCEPT TO BREAK UP LARGE CLOOS. IF RAINFALL CAUSES THE SURFACE TO BECOME SEALED OR CRUSTED, LOOSEN IT JUST PRIOR TO SEEDING BY DISKING, RAKING, HARROWING, OR OTHER SUITABLE METHODS. GROOVE OR FURROW SLOPES STEEPER THAN 3:1 ON THE CONTOUR BEFORE SEEDING. SEE OTHER REQUIREMENTS FOR SURFACE ROUGHENING ON THIS SHEET. SURFACE ROUGHENING - IF RECENT TILLAGE OPERATIONS HAVE RESULTED

PERMANENT SEEDING SCHEDULE

IN ROADWAY AREAS

MARCH 1 - AUGUST 31: SEED MIX: 50 LB/AC CENTIPEDE 10 LB/AC BERMUDAGRASS (HULLED) 25 LB/AC

500 LB/AC

FERTILIZER (10-20-20) LIMESTONE 4000 LB/AC

SEPTEMBER 1 - FEBRUARY 28: SEED MIX: RATE: TALL FESCUE 50 LB/AC CENTIPEDE 10 LB/AC BERMUDA GRASS (UNHULLED) 35 LB/AC

SOIL AMENDMENTS: RATE: FERTILIZER (10-20-20) 500 LB/AC LIMESTONE 4000 LB/AC

IN WASTE/BORROW AREAS:

MARCH 1 - AUGUST 31: SEED MIX: RATE: 25 LB/AC 75 LB/AC BERMUDAGRASS (HULLED)

SEPTEMBER 1 - FEBRUARY 28: SEED MIX: TALL FESCUE 75 LB/AC BERMUDAGRASS (UNHULLED) 35 LB/AC RATE:

SOIL AMENDMENTS: FERTILIZER (10-20-20) RATE: 500 LB/AC 4000 LB/AC LIMESTONE

APPLY 4,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER OF ANOTHER SUITABLE MULCH. ANCHOR BY TACKING WITH ASPHALT, ROVING, NETTING, OR BY CRIMPING WITH A MULCH ANCHORING TOOL. CHEMICAL MULCHES AND/OR SOIL BINDERS MAY BE USED ALONE OR, OR MAY BE USED TO TACK WOOD FIBER HYDROMULCHES. SYNTHETIC/CHEMICAL MULCHES SHALL NOT BE USED IN NON-TRAFFICKING AREAS. NO SYNTHETIC/CHEMICAL MULCHES SHALL NOT BE HAZARDOUS TO FISH, WILDLIFE, OR WATER RESOURCES. TACK RATES SHALL FOLLOW MANUFACTURES SPECIFICATIONS FOR APPLICATION.

RATE:

REFERTILIZE THE FOLLOWING APRIL WITH 50 LB/ACRE NITROGEN. REPEAT AS GROWTH REQUIRES. MAY BE MOWED AS OFTEN AS NEEDED. NOTE: SEE NCDOT'S LATEST STANDARDS FOR STABILIZATION FOR MORE INFORMATION.

PERMANENT SEEDBED PREPARATION

- INSTALL NECESSARY MECHANICAL EROSION AND SEDIMENTATION CONTROL PRACTICES BEFORE SEEDING, AND COMPLETE GRADING ACCORDING TO THE APPROVED PLAN.
- LIME AND FERTILIZER NEEDS SHOULD BE DETERMINED BY SOIL TESTS. SOIL TESTING IS PERFORMED FREE OF LIME AND FERTILIZER NEEDS SHOULD BE DETERMINED BY SOIL TESTING IS LESTING IS PAPER AND THE OFFICE OF AGRICULTURE. SOIL TESTING IL ABDRATORY. DIRECTIONS, SAMPLE CARTONS, AND INFORMATION ARE AVAILABLE THROUGH COUNTY AGRICULTURAL EXTENSION OFFICES OR FROM NCDA. BECAUSE THE NCDA SOIL TESTING LAB REQUIRES I -6 WEEKS FOR SAMPLE TURN-ARQUING, SAMPLING MUST BE PLANNED WELL IN ADVANCE OF FINAL GRADING. TESTING IS ALSO DONE BY COMMERCIAL LABORATORIES.
- WHEN SOIL TESTS ARE NOT AVAILABLE, FOLLOW RATES SUGGESTED IN THE PERMANENT SEEDING SCHEDULE ON THIS SHEET. APPLICATION RATES USUALLY FALL INTO THE FOLLOWING RANGES: GROUND AGRICULTURAL LIMESTONE:

LIGHT TEXTURED, SANDY SOILS: 1 - 1.5 TONS/ACRE HEAVY TEXTURED, CLAYEY SOILS: 2 - 3 TONS/ACRE

FERTILIZER:

GRASSES: 800 - 1200 LB/ACRE OF 10-10-10 (OR EQUIVALENT) GRASS-LEGUME MIXTURES: 800 - 1200 LB/ACRE OF 5-10-10 (OR EQUIVALENT)

- APPLY LIME AND FERTILIZER EVENLY AND INCORPORATE INTO THE TOP 4-6 INCHES OF SOIL BY DISKING OR OTHER SUITABLE MEANS. OPERATE MACHINERY ON THE CONTOUR.

- SOFFACE MEANS, O'PERATE MACHINERY ON THE CONTION.

 ROUGHEN SURFACES IN ACCORDANCE WITH THE NOTES ON SURFACE ROUGHENING ON THIS SHEET.

 COMPLETE SEEDBED PREPARATION BY BREAKING UP LARGE CLODS AND RAKING INTO A SMOOTH, UNIFORM

 SURFACE (SLOPES LESS THAN 3:1.) FILL IN OR LEVEL DEPRESSIONS THAT CAN COLLECT WATER. BROADCAST

 SEED INTO A FRESHLY HOOSENED SEEDBED THAT HAS NOT BEEN SEALED BY RAINFALL.

PERMANENT SEEDING OF GRASS LINED CHANNELS

(GRASS-LINED CHANNELS, COASTAL PLAIN AND LOWER PIEDMONT, NCDENR STD. SEEDING TABLE 6.11j)

APRIL - JULY SEEDING MIXTURE:

40-80 LB/AC (1-2 LB/1000SF)

COMMON BERMUDAGRASS

SOIL AMENDMENTS: APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY 3000 LB/AC GROUND AGRICULTURAL LIMESTONE

AND 500 LB/AC 10-10-10 FERTILIZER. MULCH:

USE A ROLLED EROSION CONTROL PRODUCT TO COVER THE BOTTOM OF CHANNELS AND DITCHES. THE LINING SHOULD EXTEND ABOVE THE HIGHEST CALCULATED DEPTH OF FLOW. ON CHANNEL SIDE SLOPES ABOVE THIS HEIGHT, AND IN DRAINAGES NOT REQUIRING TEMPORARY LININGS, APPLY 4000 LB/AC GRAIN STRAW AND ANCHOR STRAW BY STAPLING NETTING OVER THE TOP. MAINTENANCE:

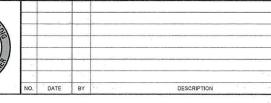
A MINIMUM OF 3 WEEKS IS REQUIRED FOR ESTABLISHMENT. INSPECT AND REPAIR MULCH FREQUENTLY. REFERTILIZE THE FOLLOWING APRIL ACCORDING TO SOIL TESTS OR APPLY 50 LB/AC NITROGEN.

BID SET

5400 Trinity Road Suite 107 Raleigh, NC 27607 919 378 9111 NC Firm License # C-0459







DWI# SRP-SW-ARP-0007 AUTRYVILLE STORMWATER IMPROVEMENTS SAMPSON COUNTY, NORTH CAROLINA

NOT TO SCALE NOTES AND LEGEND 2 OF 2 M. HANSON K. BEESLEY M HANSON M. HANSON JANUARY 2025 20 03019 N/A

SHEET

G-03

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

	Required Ground Stabilization Timeframes					
Si	te Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations			
(a)	Perimeter dikes, swales, ditches, and perimeter slopes	7	None			
(b)	High Quality Water (HQW) Zones	7	None			
(c)	Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed			
(d)	Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed			
(e)	Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zone -10 days for Falls Lake Watershed unless there is zero slope			

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
 Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rolled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	 Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Shrubs or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging Store flocculants in leak-proof containers that are kept under storm-resistant cover

or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- 1. Maintain vehicles and equipment to prevent discharge of fluids.
- 2. Provide drip pans under any stored equipment.
- 3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the
- 4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- 1. Never bury or burn waste. Place litter and debris in approved waste containers.
- 2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
- 3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- 5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- 6. Anchor all lightweight items in waste containers during times of high winds.
- 7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- 1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- 2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- 5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

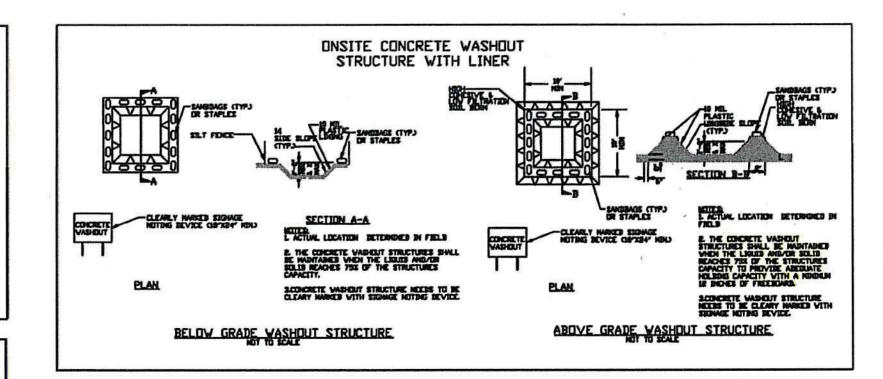
PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- 2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.





CONCRETE WASHOUTS

- Do not discharge concrete or cement slurry from the site.
- 2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- 3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- 4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- 6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- 8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- 10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- 3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- 1. Create designated hazardous waste collection areas on-site.
- 2. Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.

K. BEESLEY

M. HANSON

BID SET

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

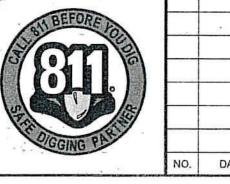
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JANUARY 2025

NC Firm License # C-0459







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DWI# SRP-SW-ARP-0007 **AUTRYVILLE STORMWATER IMPROVEMENTS**

TOWN OF AUTRYVILLE SAMPSON COUNTY, NORTH CAROLINA

NOT TO SCALE

M. HANSON

M. HANSON

NCDEQ NCG01 GENERAL PERMIT NOTES 1 OF 2

20.03019

N/A

SHEET

G-04

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Inspect (during normal business hours)		Inspection records must include:		
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend of holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded a "zero." The permittee may use another rain-monitoring device approved by the Division.		
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	 Identification of the measures inspected, Date and time of the inspection, Name of the person performing the inspection, Indication of whether the measures were operating properly, Description of maintenance needs for the measure, Description, evidence, and date of corrective actions taken. 		
(3) Stormwater discharge outfalls (SDCs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	 Identification of the discharge outfalls inspected, Date and time of the inspection, Name of the person performing the inspection, Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, Indication of visible sediment leaving the site, Description, evidence, and date of corrective actions taken. 		
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	 If visible sedimentation is found outside site limits, then a record of the following shall be made: Actions taken to clean up or stabilize the sediment that has left the site limits, Description, evidence, and date of corrective actions taken, an An explanation as to the actions taken to control future releases. 		
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit		
(6) Ground stabilization measures	After each phase of grading	 The phase of gracing (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible. 		

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- (a) This General Permit as well as the Certificate of Coverage, after it is received.
- (b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART II, SECTION G, ITEM (4) DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- (a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
- (b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
- (c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
- (d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
- (e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
- (f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

PART III

SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

- (a) Visible sediment deposition in a stream or wetland.
- (b) Oil spills if:
 - They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).
- (c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
- (d) Anticipated bypasses and unanticipated bypasses.
- (e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment	 Within 24 hours, an oral or electronic notification.
deposition in a	 Within 7 calendar days, a report that contains a description of the
stream or wetland	sediment and actions taken to address the cause of the deposition.
	Division staff may waive the requirement for a written report on a case-by-case basis.
	If the stream is named on the NC 303(d) list as impaired for sediment-
	related causes, the permittee may be required to perform additional
	monitoring, inspections or apply more stringent practices if staff
	determine that additional requirements are needed to assure compliance
	with the federal or state impaired-waters conditions.
(b) Oil spills and	Within 24 hours, an oral or electronic notification. The notification
release of	shall include information about the date, time, nature, volume and
hazardous	location of the spill or release.
substances per Item	· · · · · · · · · · · · · · · · · · ·
1(b)-(c) above	
(c) Anticipated	 A report at least ten days before the date of the bypass, if possible.
bypasses [40 CFR	The report shall include an evaluation of the anticipated quality and
122.41(m)(3)]	effect of the bypass.
(d) Unanticipated	Within 24 hours, an oral or electronic notification.
bypasses [40 CFR	 Within 7 calendar days, a report that includes an evaluation of the
122.41(m)(3)]	quality and effect of the bypass.
(e) Noncompliance	 Within 24 hours, an oral or electronic notification.
with the conditions	 Within 7 calendar days, a report that contains a description of the
of this permit that	noncompliance, and its causes; the period of noncompliance,
may endanger	including exact dates and times, and if the noncompliance has not
health or the	been corrected, the anticipated time noncompliance is expected to
environment[40	continue; and steps taken or planned to reduce, eliminate, and
CFR 122.41(I)(7)]	prevent reoccurrence of the noncompliance. [40 CFR 122.41(I)(6).
	 Division staff may waive the requirement for a written report on a
	case-by-case basis.



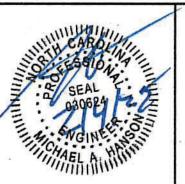
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NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

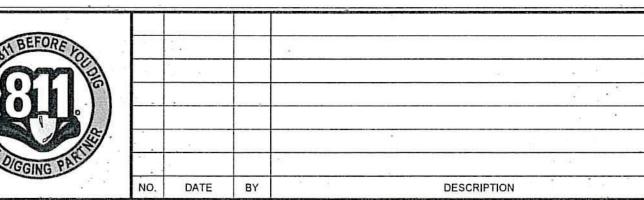
EFFECTIVE: 04/01/19

JANUARY 2025









DWI# SRP-SW-ARP-0007 **AUTRYVILLE STORMWATER IMPROVEMENTS**

FOWN OF AUTRYVILLE SAMPSON COUNTY, NORTH CAROLINA

NOT TO SCALE

M. HANSON

NCDEQ NCG01 GENERAL PERMIT NOTES 2 OF 2

SHEET

G-05

M. HANSON K. BEESLEY ROJECT MANAGER

M. HANSON

N/A 20.03019