

0400DEL_P30

PROJECT REFERENCE NO.	SHEET NO.
U-5008	UC-3

CLTWater PROJECT NUMBER: 529-15-033 (WATER)
 CLTWater PROJECT NUMBER: 324-15-542 (SEWER)

APPLICATION FOR PERMIT FOR WATER MAIN EXTENSION

PROJECT NAME: SUGAR CREEK ROAD GRADE SEPARATION - WATER MAIN RELOCATIONS

CLTWater PROJECT NO.: 529-15-033

PROJECT DESCRIPTION: PROPOSED 310 L. F. OF 6" D. I. P. WATER MAIN WITH IT'S ASSOCIATED FITTINGS
PROPOSED 3,875 L. F. OF 8" D. I. P. WATER MAIN WITH IT'S ASSOCIATED FITTINGS
PROPOSED 300 L. F. OF 12" D. I. P. WATER MAIN WITH IT'S ASSOCIATED FITTINGS

DESIGNED BY: FIRM: SEPI ENGINEERING & CONSTRUCTION, INC.

ENGINEER: KELLY E. HAYES, PE, PLS

ADDRESS: 11020 DAVID TAYLOR DRIVE, SUITE 115
CHARLOTTE, N. C. 28262

PHONE: (704) 714-4880

THIS APPLICATION IS MADE UNDER AND IN FULL ACCORD WITH THE PROVISIONS OF CHAPTER 130A-317 OF THE NORTH CAROLINA GENERAL STATUTES, AND SUCH OTHER STATUTES AS RELATED TO PUBLIC WATER SYSTEMS. CLTWater HAS BEEN GRANTED AUTHORITY TO ISSUE PERMITS FOR EXTENSION OF WATER MAINS PURSUANT TO 15A NCAC 18C.1801. THE APPLICANT AGREES THAT NO SIGNIFICANT CHANGE OR DEVIATION FROM THE PLANS AND SPECIFICATIONS APPROVED BY CLTWater WILL BE MADE WITHOUT THE WRITTEN CONSENT AND APPROVAL OF CLTWater OR ITS AUTHORIZED REPRESENTATIVE. A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF NORTH CAROLINA SHALL SUBMIT A STATEMENT REFLECTING THAT ADEQUATE OBSERVATIONS DURING AND UPON COMPLETION OF CONSTRUCTION INDICATES THAT CONSTRUCTION WAS COMPLETED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS.

PERMIT NO. 215-054

APPROVED: [Signature] DATE 6.1.15

JOSEPH C WILSON, PE, CHIEF ENGINEER
 CHARLOTTE WATER
 5100 BROOKSHIRE BLVD.
 CHARLOTTE, NORTH CAROLINA 28216

APPLICATION FOR NON-DISCHARGE PERMIT
 GRAVITY SEWER MAIN EXTENSION
 CHARLOTTE WATER

PROJECT NAME SUGAR CREEK ROAD GRADE SEPARATIONS - SEWER CREEK BASIN UPPER LITTLE
MAIN RELOCATIONS SUGAR CREEK

CLTWater PROJECT NO.: 324-15-542

PROJECT TYPE: NEW CONSTRUCTION RELOCATION MODIFICATION OF PERMIT NO. _____
 OTHER _____

VOLUME OF WASTEWATER GENERATED BY THIS PROJECT: NOT APPLICABLE GALLONS PER DAY BASED ON 190 GAL/DAY/SINGLE FAMILY HOUSEHOLD X NOT APPLICABLE HOUSEHOLDS OR

135 GAL/DAY/MULTI-FAMILY UNIT X NOT APPLICABLE UNITS OR IS BASED ON: _____

WASTEWATER TREATMENT PLANT RECEIVING WASTEWATER:

McALPINE CR. (NC0024970) IRWIN CR. (NC0024945) McDOWELL CR. (NC0036277)

SUGAR CR. (NC0024937) MALLARD CR. (NC0030210) ROCKY CR. (NC0036269)

NATURE OF WASTEWATER _____ % DOMESTIC _____ % INDUSTRIAL
 _____ % COMMERCIAL _____ % OTHER _____

ORIGIN OF WASTEWATER SUBDIVISION COMMERCIAL
 SCHOOL INDUSTRIAL
 APARTMENTS/CONDO'S OTHER _____

LIST ANY PARAMETER AND ITS CONCENTRATION THAT WILL BE GREATER THAN NORMAL DOMESTIC LEVELS:
NONE KNOWN

IF WASTEWATER IS NON-DOMESTIC, DESCRIBE LEVEL OF PRETREATMENT:
NOT APPLICABLE

IF A PRETREATMENT PERMIT IS REQUIRED, HAS ONE BEEN ISSUED? YES NO

HAS ENGINEER DETERMINED THAT DOWNSTREAM SEWERS ARE CAPABLE TO HANDLE THIS FLOW? YES NO
 PERMIT NO. FOR SEWERS IMMEDIATELY DOWNSTREAM UNAVAILABLE
 PIPE DIAMETER OF SEWERS IMMEDIATELY DOWNSTREAM 8 INCH AND 12 INCH

HAS ENGINEER DETERMINED THAT NC DEM AND CLTWater MINIMUM DESIGN STANDARDS ARE MET BY THIS PROJECT? YES NO

COMPLETE NAME AND ADDRESS OF ENGINEERING DESIGN FIRM:
SEPI ENGINEERING & CONSTRUCTION, INC.
11020 DAVID TAYLOR DRIVE
CHARLOTTE, NORTH CAROLINA 28262

TELEPHONE 704 - 714 - 4880

PROFESSIONAL ENGINEER'S CERTIFICATION:
 I, KELLY E. HAYES, PE, PLS, ATTEST THAT THIS APPLICATION FOR PROP. 8" AND 12" SANITARY SEWER TO SERVE EAST SUGAR CREEK ROAD, TIP PROJECT: U-5008 HAS BEEN REVIEWED BY ME AND IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. I FURTHER ATTEST THAT TO THE BEST OF MY KNOWLEDGE THE PROPOSED DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS. ALTHOUGH CERTAIN PORTIONS OF THIS SUBMITTAL PACKAGE MAY HAVE BEEN DEVELOPED BY OTHER PROFESSIONALS, INCLUSION OF THESE MATERIALS UNDER MY SIGNATURE AND SEAL SIGNIFIES THAT I HAVE REVIEWED THIS MATERIAL AND HAVE JUDGED IT TO BE CONSISTENT WITH THE PROPOSED DESIGN.

NORTH CAROLINA PROFESSIONAL ENGINEER'S SEAL, SIGNATURE, AND DATE:



CLTWater PERMIT NO. 215-569 ISSUED 6.1.15

PLANT FLOW ALLOCATION RECORDED BY: [Signature]

PERMIT APPROVED BY: [Signature]
 JOSEPH C WILSON, P.E., CHIEF ENGINEER

CWB 06/01/15