



CHARLOTTE, NORTH CAROLINA

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

PROJECT NAME INTERSECTION IMPROVEMENTS AT SR 2025 AND SR 2042 (OAKDALE RD) CREEK BASIN McDOWELL

989 LF OF 8-INCH SANITARY SEWER

CLTWater PROJECT NO.: CPM-60-26-316

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

VOLUME OF WASTEWATER GENERATED BY THIS PROJECT: * GALLONS PER DAY BASED ON 190 GAL/DAY/SINGLE FAMILY HOUSEHOLD X * HOUSEHOLDS OR

135 GAL/DAY/MULTI-FAMILY UNIT X * 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 90 % DOMESTIC % INDUSTRIAL
10 % 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

IF WASTEWATER IS NON-DOMESTIC, DESCRIBE LEVEL OF PRETREATMENT:

N/A

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 *
PIPE DIAMETER OF SEWERS IMMEDIATELY DOWNSTREAM 36-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:

STANTEC CONSULTING SERVICES, INC.

521 E. MOREHEAD STREET, SUITE 425

CHARLOTTE, NC 28202

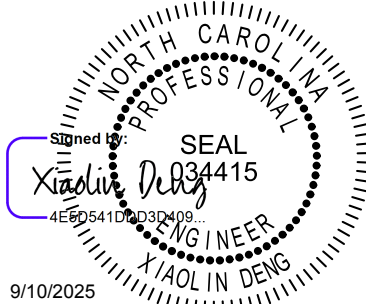
TELEPHONE 704 - 329 - 0900

PROFESSIONAL ENGINEER'S CERTIFICATION:

I, XIAOLIN DENG, PE, ATTEST THAT THIS APPLICATION FOR PROP. 8" SANITARY SEWER

RELOCATION 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. ISSUED

PLANT FLOW ALLOCATION RECORDED BY:

PERMIT APPROVED BY: CHARLES M. BLISS, P.E., CHIEF ENGINEER

APPLICATION FOR PERMIT FOR WATER MAIN EXTENSION

PROJECT NAME: INTERSECTION IMPROVEMENTS AT SR 2025 AND SR 2042 (OAKDALE RD)

CLTWater PROJECT NO.: CPM-60-26-316

PROJECT DESCRIPTION: PROPOSED 1,184 LF OF 16", 548 LF OF 12", 184 LF OF 8", AND 387 LF OF 6" WATER MAIN
RELOCATIONS ALONG SR 2042 (OAKDALE RD) IN CHARLOTTE NC.

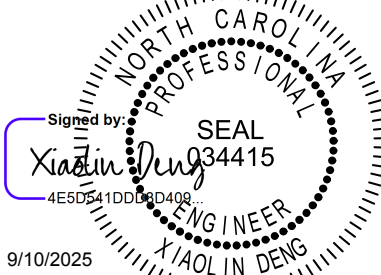
DESIGNED BY: FIRM: STANTEC CONSULTING SERVICES

ENGINEER: XIAOLIN DENG, PE

ADDRESS: 521 E. MOREHEAD STREET, SUITE 425
CHARLOTTE, NC 28202

PHONE: (704) 329-0900

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.



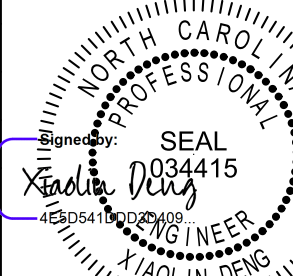
PERMIT NO.

APPROVED: DATE

CHARLES M. BLISS, PE, CHIEF ENGINEER
CHARLOTTE WATER
5100 BROOKSHIRE BLVD.
CHARLOTTE, NORTH CAROLINA 28216



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License No. F-0672

PROJECT REFERENCE NO.		SHEET NO.
W-5710X		UC-1A
DESIGNED BY:	TK	
DRAWN BY:	TK	
CHECKED BY:	XMD	
APPROVED BY:		
REVISED:		
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION		
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		9/10/2025 UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

TRANSYSTEMS

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