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CHARLOTTE, NORTH CAROLINA

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

PROJECT NAME _____ CREEK BASIN _____
30 LF OF 8-INCH SANITARY SEWER
155 LF OF 36-INCH SANITARY SEWER

CLTWater PROJECT NO.: _____ CPM-40-25-213

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 _____ 50 _____ % DOMESTIC _____ % INDUSTRIAL
_____ 50 _____ % 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 _____

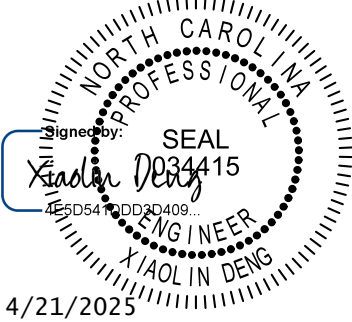
HAS ENGINEER DETERMINED THAT NC DEM AND CLTWater MINIMUM DESIGN STANDARDS ARE MET BY THIS PROJECT? ☒ YES ☐ NO

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" & 36" 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: _____ JOSEPH C WILSON, P.E., CHIEF ENGINEER

APPLICATION FOR PERMIT FOR WATER MAIN EXTENSION

PROJECT NAME: _____ BRIDGE #590165 COFFEY CREEK ON SR 5469 (SHOPTON RD) _____

CLTWater PROJECT NO.: _____ CPM-20-25-212

PROJECT DESCRIPTION: _____ PROPOSED 1,307 L.F. OF 12" WATER MAIN WITH ASSOCIATED FITTINGS AT COFFEY CREEK ALONG
_____ SHOPTON ROAD IN CHARLOTTE, NC. _____

DESIGNED BY: FIRM: _____ STANTEC CONSULTING SERVICES, INC. _____

ENGINEER: _____ XIAOLIN DENG, PE _____

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

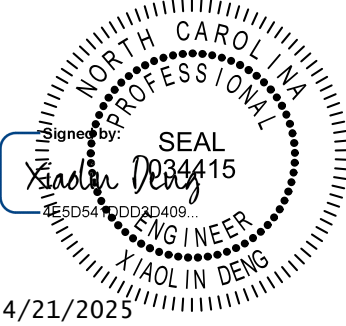
PHONE: _____ (704) 372-1885 _____

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 _____

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



Stantec Consulting Services Inc.
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Suite 425
Charlotte, NC 28202
Tel. (704) 329-0900
Fax. (704) 329-0905
www.stantec.com
License No. F-0672

PROJECT REFERENCE NO.	SHEET NO.
BP10-R013	UC-1A
DESIGNED BY: XMD	
DRAWN BY: TK	
CHECKED BY: XMD	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	4/21/2025
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED