



CHARLOTTE, NORTH CAROLINA

Kimley Horn
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

Table with project reference and sheet information. Includes Project Reference No. U-5873, Sheet No. UC-2A, and a professional engineer seal for Matthew A. Shoemith.

UTILITY CONSTRUCTION

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

PROJECT NAME: NCDOT PROJECT U-5803 POTTS-MAIN CREEK BASIN McDowell

CLTWater PROJECT NO.: CPM-60-25-226

PROJECT TYPE: [] NEW CONSTRUCTION [X] RELOCATION [] MODIFICATION OF PERMIT NO.

VOLUME OF WASTEWATER GENERATED BY THIS PROJECT: 0 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) [X] McDOWELL CR. (NC0036277) [] SUGAR CR. (NC0024937) [] MALLARD CR. (NC0030210) [] ROCKY CR. (NC0036269)

NATURE OF WASTEWATER 100% DOMESTIC % INDUSTRIAL % COMMERCIAL % OTHER

ORIGIN OF WASTEWATER [X] SUBDIVISION [] COMMERCIAL [] SCHOOL [] INDUSTRIAL [] APARTMENTS/CONDO'S [] OTHER

LIST ANY PARAMETER AND ITS CONCENTRATION THAT WILL BE GREATER THAN NORMAL DOMESTIC LEVELS:

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

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

HAS ENGINEER DETERMINED THAT DOWNSTREAM SEWERS ARE CAPABLE TO HANDLE THIS FLOW? [X] YES [] NO
PERMIT NO. FOR SEWERS IMMEDIATELY DOWNSTREAM
PIPE DIAMETER OF SEWERS IMMEDIATELY DOWNSTREAM
HAS ENGINEER DETERMINED THAT NC DEM AND CLTWater MINIMUM DESIGN STANDARDS ARE MET BY THIS PROJECT? [X] YES [] NO

COMPLETE NAME AND ADDRESS OF ENGINEERING DESIGN FIRM: KIMLEY-HORN AND ASSOCIATES, 200 SOUTH TRYON STREET #200, CHARLOTTE, NORTH CAROLINA 28202

TELEPHONE (704) 333-5131

PROFESSIONAL ENGINEER'S CERTIFICATION
I, MATTHEW SHOESMITH, ATTEST THAT THIS APPLICATION FOR McDowell 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.



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: NCDOT PROJECT U-5803 POTTS-MAIN

CLTWater PROJECT NO.: CPM-60-25-226

PROJECT DESCRIPTION: Replace approx. 313 LF of 6" DI PC 350, 1,182 LF of 8" DI PC 350, and 496 LF of 16" DI PC 350 Water Main and Appurtenances along new Potts-Main Roundabout.

DESIGNED BY: FIRM: KIMLEY-HORN AND ASSOCIATES

ENGINEER: MATTHEW SHOESMITH

ADDRESS: 200 SOUTH TRYON STREET #200, CHARLOTTE, NORTH CAROLINA 28202

PHONE: (704) 333-5131

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.

PERMIT NO.

APPROVED: DATE

JOSEPH C WILSON, P.E., CHIEF ENGINEER
CHARLOTTE WATER
5100 BROOKSHIRE BLV

