



Public Services Department

Rates and Fees Schedule

Rates and Fees Effective as of 01/15/2021

System Development Fees (SDF)

Sewer System Development Fees: \$16.56 per gallon

Water System Development Fees: \$2.87 per gallon

The fees are calculated by the Cost per Gallon per Day Calculation table with sewer and water demands as defined by the most current revision of the NC Administrative Code 15A NCAC 18C .0409 and 15A NCAC 02T .0114 (See Attachments A & B, or the most current version available through the NC Administrative Code).

Security Deposit

Residential \$200.00

Residential (If No Social Security Number Provided) \$300.00

Commercial \$300.00

Residential Water & Installation Fee

Water _____\$300.00

Irrigation _____\$300.00

Commercial Water & Installation Fee

¾" meter _____\$300.00

1" meter _____\$390.00

2" meter _____\$950.00

3" meter _____\$2000.00

4" meter _____\$2350.00

Commercial Irrigation & Installation Fee

¾" meter _____\$300.00

1" meter _____\$390.00

2" meter _____\$950.00

3" meter _____\$2000.00

4" meter _____\$2350.00

Water System Development FEES

RESIDENTIAL Minimum _____\$1148.00

3BR _____\$1148.00

4BR _____\$1515.00

5BR _____\$1894.00

6BR _____\$2271.00

SEWER SYSTEM DEVELOPMENT FEES

RESIDENTIAL Minimum _____\$5962.00

3BR _____\$5962.00

4BR _____\$7949.00

5BR _____\$9936.00

6BR _____\$11901.00

COMMERCIAL Based on Occupancy*

COMMERCIAL Based on Occupancy*

*Fee is based upon the flow attributed to the business type and the number of occupants per the NC Administrative Code. Please inquire with the Public Services Department for assistance.

COMMERCIAL IRRIGATION SYSTEM DEVELOPMENT FEES

1 acre or less _____\$861.00

1 acre or more _____\$1722.00



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ATTACHMENT A: 15A NCAC 18C .0409 SERVICE CONNECTIONS

(a) Local Water Supply Plan. Units of local government which are operating under a local water supply plan in accordance with G.S. 143-355(l) shall not be limited in the number of service connections.

(b) No local water supply plan. A public water system which does not have a local water supply plan as stated in Paragraph (a) shall limit its number of service connections as follows:

(1) A public water system shall meet the daily flow requirements specified in Table 1:

Table 1: Daily Flow Requirements

Type of Service Connection	Daily Flow for Design
Residential	400 gallon/connection
Mobile Home Parks	250 gallon/connection
Campgrounds and Travel Trailer Parks	100 gallon/space
Marina	10 gallon/boat slip
Marina with bathhouse	30 gallon/boat slip
Rest Homes and Nursing Homes	
with laundry	120 gallon/bed
without laundry	60 gallon/bed
Schools	15 gallon/student
Day Care Facilities	15 gallon/student
Construction, work, or summer camps	60 gallon/person
Business, office, factory (exclusive of industrial use)	
without showers	25 gallon/person/shift
with showers	35 gallon/person/shift
Hospitals	300 gallon/bed

or;

(2) A public water system serving different types of service connections shall meet the maximum daily demand calculated as follows:

(A) Where records of the previous year are available that reflect daily usage, the average of the two highest consecutive days of record of the water treated shall be the value used to determine if there is capacity to serve additional service connections (unusual events such as massive line breaks or line flushings shall not be considered).

(B) Where complete daily records of water treated are not available, the public water system shall multiply the daily average use based on the amount of water treated during the previous year of record by the appropriate factor to determine maximum daily demand, as follows:

(i) A system serving a population of 10,000 or less shall multiply the daily average use by 2.5; or

(ii) A system serving a population greater than 10,000 shall multiply the daily average use by 2.0.

History Note: Authority G.S. 130A-315; 103A-317; P.L. 93-523; Eff. July 1, 1994.



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ATTACHMENT B: 15A NCAC 02T .0114 WASTEWATER DESIGN FLOW RATES

(a) This Rule shall be used to determine wastewater flow rates for all systems covered by this Subchapter unless alternate criteria are provided by a program specific rule and for flow used for the purposes of 15A NCAC 02H .0105. These are minimum design daily flow rates for normal use and occupancy situations. Higher flow rates may be required where usage and occupancy are atypical, including, those in Paragraph (e) of this Rule.

Wastewater flow calculations must take hours of operation and anticipated maximum occupancies/usage into account when calculating peak flows for design.

(b) In determining the volume of sewage from dwelling units, the flow rate shall be 120 gallons per day per bedroom. The minimum volume of sewage from each dwelling unit shall be 240 gallons per day and each additional bedroom above two bedrooms shall increase the volume by 120 gallons per day. Each bedroom or any other room or addition that can reasonably be expected to function as a bedroom shall be considered a bedroom for design purposes. When the occupancy of a dwelling unit exceeds two persons per bedroom, the volume of sewage shall be determined by the maximum occupancy at a rate of 60 gallons per person per day.

(c) The following table shall be used to determine the minimum allowable design daily flow of wastewater facilities. Design flow rates for establishments not identified below shall be determined using available flow data, water-using fixtures, occupancy or operation patterns, and other measured data.

Type of Establishments	Daily Flow For Design
Barber and beauty shops	
Barber Shops	50 gal/chair
Beauty Shops	125 gal/booth or bowl
Businesses, offices and factories	
General business and office facilities	25 gal/employee/shift
Factories, excluding industrial waste	25 gal/employee/shift
Factories or businesses with showers or food prep	35 gal/employee/shift
Warehouse	100 gal/loading bay
Warehouse – self storage (not including caretaker residence)	1 gal/unit
Churches	
Churches without kitchens, day care or camps	3 gal/seat
Churches with kitchen	5 gal/seat
Churches providing day care or camps	25 gal/person (child & employee)
Fire, rescue and emergency response facilities	
Fire or rescue stations without on site staff	25 gal/person
Fire or rescue stations with on-site staff	50 gal/person/shift
Food and drink facilities	
Banquet, dining hall	30 gal/seat
Bars, cocktail lounges	20 gal/seat
Caterers	50 gal/100 sq ft floor space
Restaurant, full Service	40 gal/seat
Restaurant, single service articles	20 gal/seat
Restaurant, drive-in	50 gal/car space
Restaurant, carry out only	50 gal/100 sq ft floor space
Institutions, dining halls	5 gal/meal
Deli	40 gal/100 sq ft floor space
Bakery	10 gal/100 sq ft floor space
Meat department, butcher shop or fish market	75 gal/100 sq ft floor space
Specialty food stand or kiosk	50 gal/100 sq ft floor space



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Hotels and Motels

Hotels, motels and bed & breakfast facilities,
without in-room cooking facilities 120 gal/room

Hotels and motels, with in-room cooking facilities 175 gal/room

Resort hotels 200 gal/room

Cottages, cabins 200 gal/unit

Self service laundry facilities 500 gal/machine

Medical, dental, veterinary facilities

Medical or dental offices 250 gal/practitioner/shift

Veterinary offices (not including boarding) 250 gal/practitioner/shift

Veterinary hospitals, kennels, animal boarding facilities 20 gal/pen, cage, kennel or stall Hospitals,
medical 300 gal/bed

Hospitals, mental 150 gal/bed

Convalescent, nursing, rest homes without laundry facilities 60 gal/bed

Convalescent, nursing, rest homes with laundry facilities 120 gal/bed

Residential care facilities 60 gal/person

Parks, recreation, camp grounds, R-V parks and other outdoor activity facilities

Campgrounds with comfort station, without
water or sewer hookups 75 gal/campsite

Campgrounds with water and sewer hookups 100 gal/campsite

Campground dump station facility 50 gal/space

Construction, hunting or work camps with flush toilets 60 gal/person

Construction, hunting or work camps with chemical or
portable toilets 40 gal/person

Parks with restroom facilities 250 gal/plumbing fixture

Summer camps w/out food preparation or laundry facilities 30 gal/person

Summer camps with food preparation and laundry facilities 60 gal/person

Swimming pools, bathhouses and spas 10 gal/person

Public access restrooms 325 gal/plumbing fixture

Schools, preschools and day care

Day care and preschool facilities 25 gal/person (child & employee)

Schools with cafeteria, gym and showers 15 gal/student

Schools with cafeteria 12 gal/student

Schools without cafeteria, gym or showers 10 gal/student

Boarding schools 60 gal/person (student & employee)

Service stations, car wash facilities

Service stations, gas stations 250 gal/plumbing fixture

Car wash facilities (if recycling water see Rule .0235) 1200 gal/bay

Sports centers

Bowling center 50 gal/lane

Fitness, exercise, karate or dance center 50 gal/100 sq ft

Tennis, racquet ball 50 gal/court

Gymnasium 50 gal/100 sq ft

Golf course with only minimal food service 250 gal/plumbing fixture

Country clubs 60 gal/member or patron

Mini golf, putt-putt 250 gal/plumbing fixture

Go-kart, motocross 250 gal/plumbing fixture

Batting cages, driving ranges 250 gal/plumbing fixture

Marinas without bathhouse 10 gal/slip



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Marinas with bathhouse	30 gal/slip
Video game arcades, pool halls	250 gal/plumbing fixture
Stadiums, auditoriums, theaters, community centers	5 gal/seat
Stores, shopping centers, malls and flea markets	
Auto, boat, recreational vehicle dealerships/showrooms with restrooms	125 gal/plumbing fixture
Convenience stores, with food preparation	60 gal/100 sq ft
Convenience stores, without food preparation	250 gal/plumbing fixture
Flea markets	30 gal/stall
Shopping centers and malls with food service	130 gal/1000 sq ft
Stores and shopping centers without food service	100 gal/1000 sq ft
Transportation terminals – air, bus, train, ferry, port and dock	5 gal/passenger

(d) Design daily flow rates for proposed non-residential developments where the types of use and occupancy are not known shall be designed for a minimum of 880 gallons per acre or the applicant shall specify an anticipated flow based upon anticipated or potential uses.

(e) Conditions applicable to the use of the above design daily flow rates:

(1) For restaurants, convenience stores, service stations and public access restroom facilities, higher design daily flow rates shall be required based on higher expected usage where use is increased because of its proximity to highways, malls, beaches, or other similar high use areas.

(2) Residential property on barrier islands and similar communities located south or east of the Atlantic Intracoastal Waterway used as vacation rental as defined in G.S. 42A-4 shall use 120 gallons per day per habitable room. Habitable room shall mean a room or enclosed floor space used or intended to be used for living or sleeping, excluding kitchens and dining areas, bathrooms, shower rooms, water closet compartments, laundries, pantries, foyers, connecting corridors, closets, and storage spaces.

(f) An adjusted daily sewage flow design rate shall be granted for permitted but not yet tributary connections and future connections tributary to the system upon showing that a sewage system is adequate to meet actual daily wastewater flows from a facility included in Paragraph (b) or (c) of this Rule without causing flow violations at the receiving wastewater treatment plant or capacity related sanitary sewer overflows within the collection system as follows:

(1) Documented, representative data from that facility or a comparable facility shall be submitted by an authorized signing official in accordance with Rule .0106 of this Section to the Division as follows for all flow reduction request:

(A) Dates of flow meter calibrations during the time frame evaluated and indication if any adjustments were necessary.

(B) A breakdown of the type of connections (e.g. two bedroom units, three bedroom units) and number of customers for each month of submitted data as applicable. Identification of any non-residential connections including subdivision clubhouses/pools, restaurants, schools, churches and businesses. For each non-residential connection, information as identified in Paragraph (c) of this Rule (e.g. 200 seat church, 40 seat restaurant, 35 person pool bathhouse).

(C) Owner of the collection system.

(D) Age of the collection system.



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- (E) Analysis of inflow and infiltration within the collection system or receiving treatment plant, as applicable.
- (F) Where a dedicated wastewater treatment plant serves the specific area and is representative of the residential wastewater usage, at least the 12 most recent consecutive monthly average wastewater flow readings and the daily total wastewater flow readings for the highest average wastewater flow month per customers as reported to the Division.
- (G) Where daily data from a wastewater treatment plant cannot be utilized or is not representative of the project area: at least 12 months worth of monthly average wastewater flows from the receiving treatment plant shall be evaluated to determine the peak sewage month. Daily wastewater flows shall then be taken from a flow meter installed at the most downstream point of the collection area for the peak month selected that is representative of the project area. Justification for the selected placement of the flow meter shall also be provided.
- (H) An estimated minimum design daily sewage flow rate shall be taken by calculating the numerical average of the top three daily readings for the highest average flow month. The calculations shall also account for seasonal variations, excessive inflow and infiltration, age and suspected meter reading/recording errors.
- (2) The Division shall evaluate all data submitted but shall also consider other factors in granting, with or without adjustment, or denying a flow reduction request including: applicable weather conditions during the data period (i.e. rainy or drought), other historical monitoring data for the particular facility or other similar facilities available to the Division, the general accuracy of monitoring reports and flow meter readings, and facility usage (i.e., resort area).
- (3) Flow increases shall be required if the calculations in Subparagraph (f)(1) of this Rule yield design flows higher than that specified in Paragraphs (b) or (c) of this Rule.
- (4) The applicant/owner shall retain the letter of any approved adjusted daily design flow rate for the life of the facility and shall transfer such letter to any new system owner.

History Note: *Authority G.S. 143-215.1; 143-215.3(a)(1); Eff. September 1, 2006.*