

Charlotte Water

At A Glance Fiscal Year 2023

All information current as of July 1, 2022, and represents FY22 Totals.

Award-Winning Utility

2021 NACWA Platinum Peak Performance Award: Oxford Glen, Mallard Creek, Sugar Creek, McDowell Creek, McAlpine Creek

2021 NACWA Gold Peak Performance Award: Ashe Plantation, Irwin Creek

2021 NACWA Compliance Tests: 7,562

Member of the Class of 2021 WEF Fellows

2021 WEF Collections Systems Award

Charlotte Water maintained a AAA rating from Fitch, Moody's and Standard and Poor's.

Operated by the City of Charlotte

Website – charlottewater.org

Wordpress Blog – cltwaterblog.org

Find us on social media:

Facebook – charlottewater

Instagram – cltwater

Twitter – cltwater

YouTube – Charlotte Water

Our History:

1899 – The City of Charlotte bought The Charlotte Water Works Company for \$226,400. It had 76 hydrants and a pumping capacity of 1 million gallons per day.

1903 – The first wastewater septic treatment plants were built.

1911 – The original Catawba River Pump Station was opened to provide drinking water and fire protection.

1922 – Construction began for the Vest Water Treatment Plant.

1927 – Charlotte begins construction on two new wastewater plants, Sugar Creek and Irwin Creek.

1948 – A new industrial waste ordinance is created in order to keep pollution out of our creeks.

1989 – The system has now reached more than 4,000 miles of water and sewer pipes.

2015 – Name is changed to Charlotte Water.

2022 – Charlotte Water employs a staff of 1,050 who serve over 1 million residents and has 310,541 active water service connections.

We Maintain:

3 Water Treatment Plants

2 Water Supply Intakes

7 Wastewater Treatment Plants

2 Raw Water Reservoirs

4 Field Operation Centers

78 Wastewater Lift Stations

5 Administrative and Laboratory Buildings

13 Water Towers

17 Treated Water Storage and Booster Pumping Stations

Rates and Fees

What is a Ccf?

Ccf is an abbreviation that represents 100 cubic feet which equals 748 gallons.

Water Rates:

Tier 1: 1-4 Ccf

\$1.78/Ccf

Tier 2: 5-8 Ccf

\$2.30/Ccf

Tier 3: 9-16 Ccf

\$5.32/Ccf

Tier 4: Over 16 Ccf

\$10.08/Ccf

Fixed Fees:

Covers the cost of servicing customer accounts

Water - \$5.30 per month

Sewer - \$5.30 per month

Sewer Rates - \$5.46 per Ccf of water used

Availability Fees:

Covers the maintenance of infrastructure to provide 24/7 water & sewer service

Water 5/8-inch Connection Size: \$1.30/month

Water 1-inch Connection Size: \$3.24/month

Sewer 5/8-inch Connection Size: \$8.74/month

Sewer 1-inch Connection Size: \$21.86/month

Average Customer Bill*:

\$72.88 for a 7 Ccf customer per month

*doesn't include storm water fees

Every dollar spent by Charlotte Water represents \$17.70 in economic growth for the region.

Facts and Figures:

319,999 total water service connections

117.54 MGD average gallons of drinking water pumped daily

0 notice of drinking water quality violations

You can get 27 gallons of water for \$1. Amount is based off of both water and sewer fees using tier one rate.

18,128 hydrants maintained

3,926 food service establishments inspected to protect the system from sanitary sewer overflows

54 industries regulated to protect from harmful pollutants

4,525 miles water mains maintained

88,295 valves maintained

115,518 manholes maintained

79.8 MGD average wastewater treated daily

4,526 miles wastewater mains maintained

9,051 miles of pipe maintained by Charlotte Water, which is enough pipe to go to Alaska and back!

170,000 laboratory analyses performed each year

Average of 461 monthly high bill inspections completed

319 water quality sampling stations

Conservation: 6.5 million kWh of energy is created with Combined Heat and Power System (CHP)

Maintenance:

4.4 miles of water pipes replaced or rehabbed last year

230,032 LF of new water pipes installed last year (includes donated)

18.2 miles of wastewater pipes replaced or rehabbed last year

257,993 LF of new wastewater pipes installed last year (includes donated)

698 manholes replaced or rehabilitated last year

585 leaks repaired last year (includes mains)

711 miles of wastewater pipes cleaned (includes contractors)

This is Charlotte Water's facts and figures at a glance for fiscal year 2023. Language translation is available upon request.

Estos son los hechos y las cifras de Charlotte Water de un vistazo para el año fiscal 2023. La traducción al español está disponible bajo petición. Voici en un coup d'œil les faits et les chiffres de Charlotte Water pour l'exercice 2023. La traduction française est disponible sur demande.

Это факты и цифры Шарлотт Уотер с первого взгляда на 2023 финансовый год. Перевод на русский язык предоставляется по запросу. Đây là sự kiện và số liệu của Charlotte Water, trong nháy mắt cho năm tài chính 2023. Bản dịch tiếng Việt được cung cấp theo yêu cầu.

这是夏洛特水务公司 2023 年财政年度的事实和数据。可根据要求提供中文翻译。