

OUR GOALS

2021 update on activities and results related to the Fort Collins Utilities Drinking Water Quality Policy.

City of
Fort Collins
Utilities

THE DRINKING WATER QUALITY POLICY

was adopted in October 1993 to ensure the continuous delivery of high-quality drinking water to customers.

Find out more at

[FCGOV.COM/UTILITIES/WHAT-WE-DO](https://fcgov.com/utilities/what-we-do)

Watershed Program staff led regional cost-share collaborative science and monitoring efforts to address several post-fire recovery questions.

Funding allocated for collaborative wildfire restoration and mitigation projects.

Permitting processes continued for the Halligan Water Supply Project.

Monitoring includes more than 25 chemical, physical and microbiological contaminants at 35 locations throughout our source watersheds. City's source watersheds continue to provide high-quality water.

Since 2008, the Utilities' Watershed Program has led the collaborative upper Cache la Poudre Water Quality Monitoring Program.

Experienced several water quality events on the Poudre River following the Cameron Peak Fire. To mitigate this, the first-ever Water Shortage Watch was implemented and we relied on Horsetooth Reservoir water when necessary.

SOURCE

HORSETOOTH RESERVOIR

CACHE LA POUDE RIVER

SOURCE WATER PROTECTION PLAN IN PLACE

TREATMENT

WATER TREATMENT FACILITY

PRODUCED
8.4B GALLONS
OF DRINKING WATER.

PEAK DAY PRODUCTION
WAS 47.4M GAL



Capacity 87M

← 47.4 M
(54%)

6 filter effluent flowmeters replaced and new flowmeter installed at Goathill tank.



Available treated water storage would meet 17 hours of peak demand, exceeding the benchmark of storage capacity for 12 hours of peak demand.



Utilities received 0.24 water quality complaints per 1,000 customers. The best quartile rate observed by other utilities was 1.1 per 1,000, making the City **"BETTER THAN THE BEST."**



Including the solar field, 22% of the plant's electrical demand was met by on-site renewable generation.



Plant energy efficiency was less than the American Water Works Association energy benchmark.

ADEQUATELY MAINTAINING OUR ASSETS ENSURES RELIABLE SERVICE.

DISTRIBUTION

OPERATE AND MAINTAIN
565 MILES OF WATER MAINS

411
Cathodic Protection Test Station Readings

EVALUATED

309
Valves

REPAIRED

38
Valves

21
Fire Hydrants

83 WATER MAIN BREAKS WERE REPAIRED

REPLACED
1.2
Miles of Water Mains

INSTALLED
30
VALVES

9
Fire Hydrants

Hydrant flushing was postponed due to the Water Shortage Watch.

6
Service Leaks

434
Fire Hydrants

788
CUSTOMER COMPLAINTS
during regular hours

81.6 MILES OF WATER DISTRIBUTION PIPES CHECKED FOR LEAKS

AND 179

after hours.

PERFORMED **128** BACKFLOW AND CROSS-CONNECTION SURVEYS, to ensure that contaminants cannot flow back into the water supply.

CDPHE finalized an update of the technically enhanced naturally occurring radioactive materials (TENORM) regulation.

LEAD AND COPPER rule revised by the EPA.

Water Quality Lab staff provide state-certified **REGULATORY COMPLIANCE TESTING AND REPORTING** for Utilities and 10 other regional water agencies.

REGULATORY COMPLIANCE

REVISE

CODE UPDATES:

1. Clarification of Water and Sewer Plant Investment Fees
2. Clarification of Right of Entry into Buildings and onto Premises
3. Updates to the Water Supply Requirement Fee

AWARDS & CERTIFICATIONS



The treatment facility and distribution system operators are certified by the Colorado Water and Wastewater Facility Operators Certification Board as **CERTIFIED WATER PROFESSIONALS**.



The Water Treatment Facility is ISO 14001:2015 certified.

ENVIRONMENTAL
MANAGEMENT SYSTEM

The Water Treatment Facility is an Environmental Leadership Program **GOLD LEADER**.



The distribution system maintained its **DIRECTOR'S AWARD** status for the seventh year in a row.

The Water Treatment Facility maintained its **PRESIDENT'S AWARD** for the sixth year in a row.

2021

To read the full 2021 update, visit: [FCGOV.COM/DRINKING-WATER-UPDATE](https://fcgov.com/drinking-water-update)

