

OUR GOALS

2017 update on activities and results related to the Fort Collins Utilities Drinking Water Quality Policy.

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

Elkhorn Forest Initiative successfully reduced wildfire risk along the Poudre.

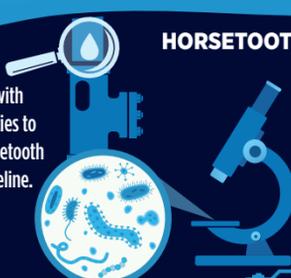
SOURCE

SOURCE WATER PROTECTION PLAN IN PLACE

Began identifying additional sampling locations.

HORSETOOTH RESERVOIR

Cooperated with multiple agencies to inspect the Horsetooth raw water pipeline.



Collaborated with local drinking water providers to monitor water quality trends in the Poudre and Big Thompson rivers and Horsetooth Reservoir.

Monitoring for Long Term 2 Enhanced Surface Water Treatment Rule was completed, meaning we no longer need to monitor our 2 water sources for Cryptosporidium, E. coli and turbidity.

CACHE LA POUDE RIVER

Inspected and assessed the condition of the 24-inch Poudre raw water pipeline.



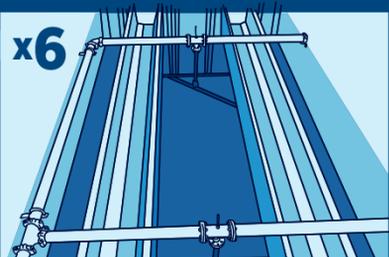
TREATMENT

WATER TREATMENT FACILITY

PRODUCED 8.2B GALLONS OF DRINKING WATER

PEAK DAY PRODUCTION WAS 45M GAL

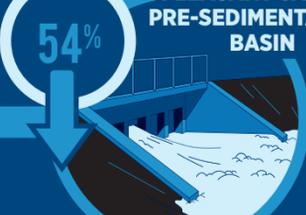
Capacity 87M
← 45M (52%)



REPLACED MEDIA AND RECOATED WALLS IN 6 FILTERS



Utilities received 0.48 water quality complaints per 1,000 customers. This is 1,025% lower than similar utilities nationwide.



Pleasant Valley Pre-Sedimentation basin reduced suspended solids by 54%.



Performed necessary repairs to finished water storage tanks.



High-priority upgrades to the electrical systems, ensuring continued reliability of the plant.

TURBIDITY VIOLATION

Received a tier 1 violation due to a technical malfunction in the lime feed system. As a result, 16 corrective actions were initiated to ensure a similar incident cannot recur in the future.



CERTIFIED LABORATORY

Received certified status for an array of water quality tests. Worked with consultant to complete Master Plan.

ADEQUATELY MAINTAINING OUR ASSETS ENSURES RELIABLE SERVICE

DISTRIBUTION

Water Distribution Crews **OPERATE AND MAINTAIN** 542 Miles of Water Mains

763 Locator Stations

492 Cathodic Protection Test Stations
388 Test Station Readings

12,928 Valves

Water Distribution Crews **REPLACED** 1.82 Miles of Water Mains (24% higher than 2016) during the annual water distribution system replacement program

40 INSTALLED VALVES

10 Fire Hydrants

38,749 Water Service Lines
3780 Fire Hydrants

148 MILES OF WATER DISTRIBUTION PIPES CHECKED FOR LEAKS

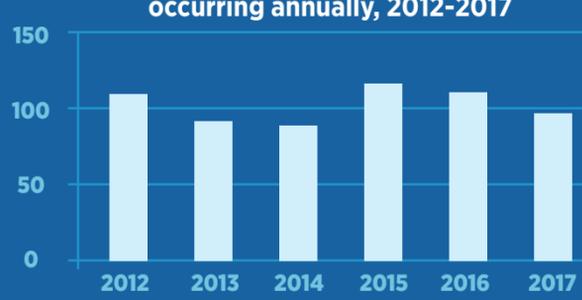
TESTED 3624 Water Meters

REPLACED 1488 Water Meters

INSTALLED 346 New Water Meters

PERFORMED 347 BACKFLOW AND CROSS-CONNECTION SURVEYS, ensuring contaminants cannot flow back into the water supply.

MAIN BREAKS occurring annually, 2012-2017



MILES OF WATER MAINS surveyed for leaks, 2012-2017



AWARDS



The Water Treatment Facility maintained its **PRESIDENTS AWARD** for excellence in drinking water quality.
The distribution system has maintained its **DIRECTORS AWARD** status for three consecutive years.

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

The Water Treatment Facility established a formal **ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)** that is certified to conform to the ISO 14001:2015 standard.

MASTERPLANNING

To continue reliable service, master planning efforts are ongoing across the water utility, including planning for new water pipes, laboratories and treatment plant upgrades.

To read the full 2017 update, visit: FCGOV.COM/DRINKING-WATER-UPDATE





[FCGOV.COM/DRINKING-WATER-UPDATE](https://fcgov.com/drinking-water-update)

DRINKING WATER
QUALITY POLICY UPDATE

2017

