By the numbers...

Aurora Water's system FAQ



Drinking Water System

- 1,689 miles of pipe for potable water 6 inch to 72 inch
- 43,900 Valves
- 13,552 Fire Hydrants
- 8 Potable Water Pump Stations
- 11 Potable Water Storage Reservoirs (Tanks)

Drinking Water Treatment

• 3 drinking water treatment facilities. All 3 awarded the Partnership for Safe Water's Level IV, "Excellence in Water Treatment" status.

Name	Treatment Processes	Capacity
Griswold Water Treatment	Coagulation and direct filtration and	80 million gallons per day
Facility	disinfection processes	
Wemlinger Water Treatment	Coagulation and direct filtration and	80 million gallons per day
Facility	disinfection processes	
Binney Water Purification Facility	Softening, Advanced UV oxidation, 50 million gallons per day	
	filtration, granular activated carbon	
	filtration and disinfection processes	

Raw Water Collection System

- 132 miles of raw water mains up to 90"
- 9 Raw Water Pump Stations
- 3 raw water tanks
- 12 storage reservoirs

Reservoir	Capacity
Spinney Mountain	53,651 acre feet
Aurora Reservoir	31,064 acre feet
Homestake Reservoir	21,388 acre feet
Turquoise Lake	20,000 acre feet
Twin Lakes	2,733 acre feet
Quincy Reservoir	2,693 acre feet
Jefferson Lake	2,313 acre feet
Rampart Reservoir	1,238 acre feet
Strontia Springs Reservoir	700 acre feet
Ivanhoe Reservoir	1,100 acre feet
Lake Pueblo	10,000 acre feet
Holbrook	2,879 acre feet

Reclaimed Water

- Sand Creek Water Reuse Facility
- Awards
 - o Partnership Clean Water Level II
 - o National Association Clean Water Agencies Peak Performance Award Platinum Level
- Up to 5 million gallons per day
- 21 miles of Distribution Piping
- 761.4 Acres Irrigated (city parks & golf courses)
- 6 Local Storage Sites
- 2 Reuse Irrigation Pump Stations

Wastewater

- 1,198 miles of pipeline (6" 48")
- 31,596 manholes

Stormdrain

- 732 miles of pipe (6" 120")
- 12,533 manholes
- 16,919 inlets
- 4,821 outfalls