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## Timeline of Major Events in Philadelphia's Water History

- 1790s-1800s:** Yellow fever epidemics cause widespread panic; residents believe contaminated water supply is the cause. Watering Committee formed in 1799 to provide clean water.
- 1801-1820s:** Centre Square distribution system transports water pumped from the Schuylkill River. New pumping station and reservoir built at "Faire Mount", the highest point of the city.
- 1820-1850s:** Fairmount Dam and millhouse harness the hydropower of the Schuylkill River. Efficient hydraulic turbines replace traditional breast water wheels.
- 1855:** City purchases land along the Schuylkill River to protect the water supply. Land purchases continue through the 1890s, creating several thousand acres of buffer known as Fairmount Park, the world's largest urban park.
- 1860s:** The Civil War spurs massive industrial development and the coal industry thrives. City water managers' ability to provide reliable water supply system plays a pivotal role in Philadelphia becoming the first major industrialized U.S. city. Use of the river for waste disposal leads to crisis: Typhoid.
- 1880s:** Annual typhoid outbreaks drive up death counts; medical reports point to contaminated drinking water as the source of the epidemics.
- 1890s:** Citizens push for city government to build filtration plants to treat water supplies and stop annual typhoid outbreaks. The city weighs piping clean water to the city from distant locations, but all plans are rejected. Privatization is proposed and rejected.
- 1902-1912:** After many political and financial delays, the city builds 5 filtration plants to treat drinking water and stop epidemics. Industrial and domestic wastes continue to flow into the river, degrading water quality further.
- 1913:** The city treats its water supply with chlorine and disease rates plummet. River water quality continues to deteriorate from increasing amounts of waste.
- 1914:** The city's master plan for sewer and sewage treatment system receives wide acclaim from water managers, but is not put into place.
- 1950-1966:** Over 30 years after conception, the city constructs three sewage treatment plants and associated sewers.
- 1970s-Present:** Increasingly stringent government regulations drive engineering advances in water and wastewater treatment. Stormwater management becomes a priority.