



Water Storage

Water storage is essential to providing safe drinking water to residents. We have water storage facilities that hold water before and after treatment. Once treated, water is distributed to storage locations throughout the city for daily use.

Water storage helps keep a steady supply available for everyone. It's especially important during emergencies to ensure there's enough water for things like fighting fires or getting through a drought.

Untreated Water Storage

Water Treatment Plant

Water from the river is stored in basins.

Water is then sent to the plant for treatment.

Treated Water is stored through the city for daily use.

Water Towers

Aboveground Tanks

Underground Basins

Not all water storage looks the same. We have one tower, and many aboveground tanks and underground basins.

Many of the current storage sites in Philadelphia are more than 50 years old. Our **Water Revitalization Plan** includes projects to repair, upgrade, and replace these facilities.

Water levels are monitored by sensors to make sure they don't get too high or too low. The sensors also help us check that we have enough water stored. This helps to keep safe, reliable drinking water throughout the city.





Somerton Tanks, Somerton, Philadelphia

Different types of water storage projects:



Regular Maintenance

Tanks require frequent cleaning and inspections. This routine maintenance helps prevent unexpected repairs.



Repairs

As storage tanks age, leaks can develop. The inside surfaces also need fresh coatings from time to time. Making repairs helps extend the life of the tanks.



Upgrades

Some tanks need new equipment to operate more efficiently. Upgrades, such as improved piping, help water flow in and out more easily and support better water quality.



Replacements

As tanks age, they become costly to repair. We replace tanks when it becomes more affordable to build a new one. The new tanks need less maintenance and fewer repairs.

We'll share information with you if a water storage project is planned for your neighborhood.



PHILADELPHIA
WATER
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Scan for more information on
water storage projects in Philadelphia.



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