

Water Tank Condition Assessment and Cleaning



Biofilm and inorganic residues can collect on the interior surfaces of potable water storage tanks and lead to taste and odor complaints, regulatory compliance issues and system function problems. Our experienced and specially trained field crews perform thorough water tank inspection services, cleanings and disinfections to keep water tanks in like-new condition, minimizing system downtime and maximizing water quality.

Condition assessments, washouts and chemical cleanings help maintain water quality and keep your municipal water tanks in compliance with all regulations.

BENEFITS

- ✓ Extend tank service life
- ✓ Improve water quality
- ✓ Facilitate regulatory compliance
- ✓ Reduce costs

THE CHALLENGE



Asset preservation

Pinpoint and address potential issues in a timely way.



Regulatory compliance

AWWA M42 requires tank washout and inspection every three years.



Water quality

Biofilm growth can lead to odor and taste complaints. Inorganic residues can result in buildup of disinfectant byproducts (DBPs).

Washout, cleaning and disinfecting in accordance with AWWA C652

Regular conditions assessments, washouts and chemical cleanings should be part of the preventative maintenance of any water storage tank. They keep the tank in like-new condition, improving the return on your large capital investment while lowering related operation and maintenance costs.

A comprehensive approach

Tank Condition Assessment

We can use drones to inspect the exterior of elevated storage tanks and use remote operated underwater vehicles (ROVs) to inspect the interiors of tanks that cannot be drained. If necessary, our personnel can test the organic and inorganic deposits to recommend targeted remediation solutions.

Reporting and Documentation

After each inspection, we provide a report of our findings to assure compliance with state regulations. Our Condition Assessment Report gives an overview of the safety, sanitary, security, structural, and coatings conditions of the tank so no potential maintenance issue is overlooked.

Washouts and Chemical Cleanings

Periodically draining and cleaning the inside of a tank eliminates mineral buildup and biofilm growth, and helps maintain a high level of water quality. We use patented NSF certified technologies for chemical cleanings and all washouts are performed in compliance with all applicable OSHA safety regulations including confined space.

At USG Water Solutions, we believe you shouldn't have to choose between a capital expense that is beyond your budget and an unpredictable run-to-failure approach. Our Asset Management Program (AMP™) packages the rehabilitation and future maintenance of your assets into a single contract, with USG Water Solutions assuming all maintenance risk for a set annual cost.



**The ultimate solution:
USG Water Solutions Asset Management**

