



Reservoir = First Treatment Step

Cornerstone H2O firmly believes that the first step in your water treatment process should occur in your reservoir. *Is there purer, less-expensive-to-treat-water available to extract from your reservoir? Can the quality of water in your reservoir be improved? Can you lessen, or virtually eliminate, the effects of seasonal reservoir turnover events on your treatment process?* With Cornerstone H2O's multi-pronged approach to reservoir water quality optimization, the answer to these questions is **YES!**

Cornerstone H2O can:

- Significantly reduce and in some cases virtually eliminate, taste and odor problems in reservoirs
- Significantly reduce or virtually eliminate soluble Iron and Manganese problems in your influent water
- Remediate the water quality conditions in your reservoir so treatment risks are minimized in the future
- Monitor a variety of key water quality parameters throughout your reservoir, and wirelessly communicate this information on a continuous basis to plant staff
- Spread out the costs associated with enhancing your reservoir water quality through a simple reservoir water quality optimization contract

Our Proactive, Multi-Faceted Approach to Reservoir Management



Before Treatment

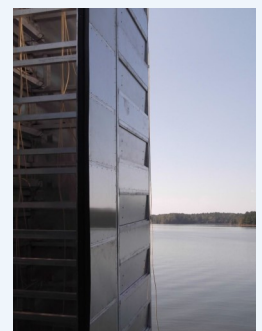


After Treatment

1. Monitor water quality throughout the water column
2. Locate the best, most desirable water available
3. Bring only the very best water available into your plant
4. Treat this relocated water if necessary
5. Suppress algae formation throughout the reservoir
6. Remediate the lower depths of the reservoir



WATERSELECTOR™



Reservoir Circulation

- Oxidizes Iron and Manganese with hypolimnetic circulation
- Eliminates blue green algae with epilimnetic circulation



Ultrasonic Algae Control

- Eliminate up to 90% of existing algae
- Prevent the growth of new algae and biofouling
- Environmentally friendly



Comprehensive Reservoir Management

- Leasing and Reservoir Management Contracts
- Comprehensive repertoire of reservoir treatment solutions

Reservoir Services

- The Water Selector™
- Other water positioning solutions



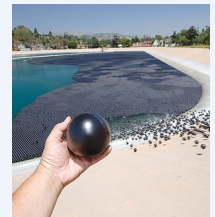
World Class Baffle Curtains

- Optimize retention time and chemical contact with engineered water flow patterns
- Eliminate short-circuiting, dead zones and sludge buildup
- Lagoon covers to block sunlight for algae and odor control



Floating Ball Covers

- Reduce UV penetration for algae control
- Ammonia reduction



Aeration, Mixing and Skimmers

- High-efficiency aeration and mixing
- Unbeatable Oxygen transfer



Duckweed/Floating Plant Remediation

- Eliminates chemical usage
- Environmentally friendly
- Short-term rentals
- Purchase mobile systems

