

## Case study: Algae Control in New Jersey Raw Water Reservoir

### The challenge

American Water installed four solar-powered algae control buoys to reduce algae concentrations and increase the efficiency of the plant by decreasing chemical dosing.

### Key results

- ✓ Improvement in the water quality
- ✓ 22% reduction in chemicals
- ✓ ROI of 1.8 years

### Applied product



"Extensive testing conducted during 2014 showed that the buoys had a significant impact on the algae, allowing the plant to reduce chemical consumption by more than 20 percent, and reducing the concentration of undesirable taste and odor-causing compounds in the treated water delivered to customers."

**Orren Schneider, Manager Water Technology**



AMERICAN WATER

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At this moment LG Sonic is running MPC-Buoy projects in more than 15 countries worldwide