



**“MANGANESE  
IRON & ALGAE  
IN OUR WATER  
WERE NO MATCH FOR  
SOLARBEE”**

*David Stephens  
Water & Wastewater Superintendent  
Union Point, GA*

**Sherrills Creek Reservoir in Union Point, GA had a triple dose of problems.** This 48-acre lake was laden with high levels of manganese and iron, giving the water an unnatural dark color and causing it to stain their customers' clothes and plumbing fixtures. Also, a proliferation of blue-green algae blooms resulted in finished water with an unpleasant taste and odor. Complaints were streaming in and Superintendent David Stephens didn't know where to turn. Fortunately, Georgia Rural Water offered some great advice. "They urged us to check out SolarBee® long-distance solar-powered water circulators," Mr. Stephens said. He liked what he learned, and in 2005, 2 SB10000v12 units were installed. One was placed shallow in the reservoir's center -- for algae control. Another was deployed deep, near the intake to the water treatment plant, to control the manganese and iron. Thanks to SolarBee's® day and night laminar flow, the results were astounding. **"In one month," reports Mr. Stephens, "manganese levels plummeted from 3 mg/L to less than 0.1." As for the algae? Within 6 months, SolarBee® controlled it effectively. The taste and odor problems (along with the complaints) were history.** Also, thanks to SolarBee®, there's no more need for costly toxic chemicals and grid-powered aerators. In fact, SolarBee® slashed the system's energy costs to almost zero. Same with maintenance costs -- because since installation in 2005, those SolarBee® units have required no servicing at all. "I never saw anything like SolarBee®," says a happy Mr. Stephens. What can SolarBee® do for your reservoirs? Call 866-437-8076 and find out. Or visit [solarbee.com](http://solarbee.com)



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