Active Mixing In A 500K Gallon Elevated Tank
Stagnation and temperature stratification issues eliminated.

Topics: 500,000 gallon elevated tank, stratification, stagnation, water age

Location & Contact Information:
Further information may be available upon request. Please contact Medora Corporation by phone at 866-437-8076 or by e-mail, info@medoraco.com

Solution: GridBee® GS-9 Submersible Tank Mixer with SCADA Box option. (August 2018)

Deployment: The Customer performed the installation themselves.

Results: The tank water column is now thoroughly mixed achieving all stated objectives.

Per the Customer- “We installed the unit in August and everything went great. I can honestly say it was more difficult climbing the tower than the entire rest of the installation. The unit is truly “plug and play.”

System Overview: This is a small municipal system serving ~3,000 people via 1,300+ connections. Their source water is from a local river.

Disinfectant Type: Chloramine

Tank / Reservoir Build Information:
Tank Type: Elevated Storage
Tank Construction: Steel
Volume (gallons): 500,000
Total Height (feet): 130
Diameter (feet): 50

Project Objectives: To eliminate persistent stratification & stagnation issues and improve overall water quality in the tank.