

Case Study

USILPW-3267.001

IXOM
WATERCARE

Active Mixing In A 500K Gallon Elevated Tank

Water age problems solved. No more stagnation and temperature stratification.

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



"It was easy to install and has done exactly what it was designed to do. Thanks for a great product!"

Location & Contact Information:

Further information may be available upon request. Please contact Ixom Watercare by phone at +1 866-437-8076 or by e-mail, watercare@ixom.com

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.

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."

Update (Dec. 2020): "We have not had an ounce of trouble with our mixer. It was easy to install and has done exactly what it was designed to do. We were having trouble with water age before we installed the mixer and within days that problem was gone. I have been very happy with it and if it quits working, I will buy another one in a second. Thanks for a great product!"