



## Solid Results

### **Aquastore® Blue Bio-solids Tanks prove to be the right recipe for the city of Willmar's new wastewater treatment facility**

#### **PROJECT OVERVIEW:**

The city of Willmar, faced with an aging and outdated wastewater treatment and collection system, passed a resolution to build a new wastewater treatment facility six miles outside of town. The new plant was designed to help the city keep up with continued growth and upcoming regulatory changes associated with discharge to the Minnesota River and Lake Pepin. The new wastewater treatment facility was designed by Donohue & Associates of Sheboygan, WI, and built by Graham Construction of Eagan, MN. The design engineering team wanted a proven system with low maintenance and wanted to be able to mix the contents of the tanks thoroughly to assist in the even, homogeneous land application of the stored liquids.

Engineering America served as a subcontractor to Graham Construction and built three new 1.5 MG Glass-Fused-To-Steel Aquastore tanks all equipped with Jetmix™ Sludge Mixing Systems. The three tanks are each 90' in diameter and 33' tall and provide the city of Willmar with at least six months of sludge storage to meet current regulations. Engineering America was also a major chosen equipment supplier for critical areas of the new plant. The new wastewater treatment facility features EPIC International Screw Pumps, Sanitaire Fine & Coarse Bubble Aeration, Conservatek Aluminum Domes, WesTech Landy Oxidation Ditch Aerators, and a TrojanUV3000PLUS™ UV System.



### **Engineering America has built a long, impressive list of bio-solids storage tanks and associated mixing systems since 1980**

Specify quality, experience and low maintenance. Specify Aquastore® glass-fused-to-steel tanks. For more information, call Engineering America: MN **651-777-4041**, KS **913-782-7774**, CO **970-962-9400**, AZ **480-895-1106** or visit us online: [www.engamerica.com](http://www.engamerica.com).

**In 1980 we made an innovative promise that our tanks would never need to be painted. No Aquastore® tank has been painted since – we are the authentic glass-fused-to-steel!**

## **THINK TANK**