



Menomonie, Wisconsin, The Land of Big Blue Tanks

“They’ve worked out real well for us. Aside from replacing cathodic bars, we really haven’t had to do any kind of maintenance.”

Paul Sterk, Superintendent of the Wastewater Utility

Installed: 1990, 1996-1998 and 2010
Tank Type: Aquastore® Glass-Fused-To-Steel
Sludge Storage Capacity: 2,043,000 Gallons Total
Equalization Capacity: 950,000 Gallons Total
Engineers: Cedar Corporation
Contractors: Engineering America

PROJECT OVERVIEW:

Public Works officials in Menomonie, Wisconsin, know a great wastewater tank when they see one. They turned to Engineering America and Aquastore glass-fused-to-steel wastewater treatment tanks over twenty years ago and have never looked back.



Here’s the lineup of Aquastore glass-fused-to-steel tanks built by Engineering America for Menomonie: In 1990, two 70’ diameter x 19’ high sludge storage tanks were built on the northeast side of town. These were both expanded in height in 1996 an additional five feet to increase tank capacity. A third 70’ x 24’ sludge tank was added to the complex in 1998. The total sludge storage capacity for the city is now 2,043,000 gallons. All three tanks have nozzle recirculation mixing systems with pumps mounted externally to the tanks. At the same time the third sludge tank was added to Menomonie’s sludge storage facility, a small 17’ x 15’ day tank was added at the wastewater treatment plant for temporary storage of thickened sludge.

In 1997, based on the strong industrial wastewater treatment load from ConAgra Foods’ Swiss Miss plant, the city hired the professional engineering firm of Cedar Corporation to design a flow equalization facility that would relax the various pH spikes that were being experienced and deliver a more neutral influent to the wastewater plant. The facility consists of two 62’ x 19’ Aquastore tanks, furnished with aeration equipment housed inside a prefabricated metal building. As one tank fills from Swiss Miss, the second tank is pumped to the city’s wastewater facility.

In 2010, to keep up with Swiss Miss’s ever-increasing effluent volume, the city of Menomonie, working with assistance from Cedar Corporation, increased the capacity of the equalization system (now a total of 950,000 gallons) by contracting with Engineering America to expand the height of the two equalization tanks from 19’ to 24’.

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.

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