

# Precast Concrete Provides Durable Solution in Upper Midwest



Photos courtesy of Wieser Concrete Products Inc.



**Quality-Engineered:** Precast tanks are designed and engineered to the latest industry standards, use quality raw materials and employ carefully controlled QA/QC processes in production.

**Resilient:** Precast concrete's exceptional strength and durability enhance the longevity of each treatment system and help protect this valuable infrastructure from the effects of both natural and man-made disasters.

**Watertight:** Precast tanks undergo strict watertightness testing to ensure proper wastewater treatment inside the tank and to protect the soil and groundwater surrounding the tank.

**Challenge:** A city in the upper-Midwest needed large-capacity backwash tanks for its new granular activated carbon well water treatment plant. The area's harsh winters demanded a construction material that would provide a durable, long-lasting treatment solution.

**Solution:** Each of the two precast concrete tanks specified for the job were manufactured in three sections so they could be easily transported and installed. The concrete used to produce the tanks had a minimum compressive strength of 5,000 psi and was designed to withstand soil frost heave in the frigid winters. These specifications, along with being manufactured in a strict, quality-controlled environment, ensure the tanks will serve the community for years to come.

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**PRECAST PROUD**

