



## PROJECT SUMMARY:

# Cortland Reclamation and Reuse System

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**Customer:** Civil Constructors  
**Contract Amount:** \$885,000  
**Location:** Cortland, IL

Mechanical worked with Civil in the construction of Cortland WWTP. In the past, Cortland's wastewater was pumped to Dekalb. However, due to a growing community, that was no longer an option. With construction costs over \$6 million, the facility consists of four aerated lagoons and has a treatment capacity of 1.5 MGD.

We installed 3,000 feet of coated U.G. steel air piping and set pumps in both lift stations as well as one valve vault. In the spring of 2007 we completed setting the treatment and irrigation equipment. Finally, we installed the remaining header and in-basin aeration piping in the summer of 2007.

The Sheaffer Floating Aeration System we installed is unique in that after the wastewater is treated, the "gray water" is pumped back out and used to irrigate the neighboring farm fields and green space. The system consists of over 50,000 feet of collection, irrigation, and on-site PVC piping, 6,000 feet of on-site storm sewer, and 4,000 feet of on-site carbon steel aeration piping.

