

ALGAEWHEEL WWTP INSTALLATION

SOUTHWESTERN CONSOLIDATED SCHOOLS

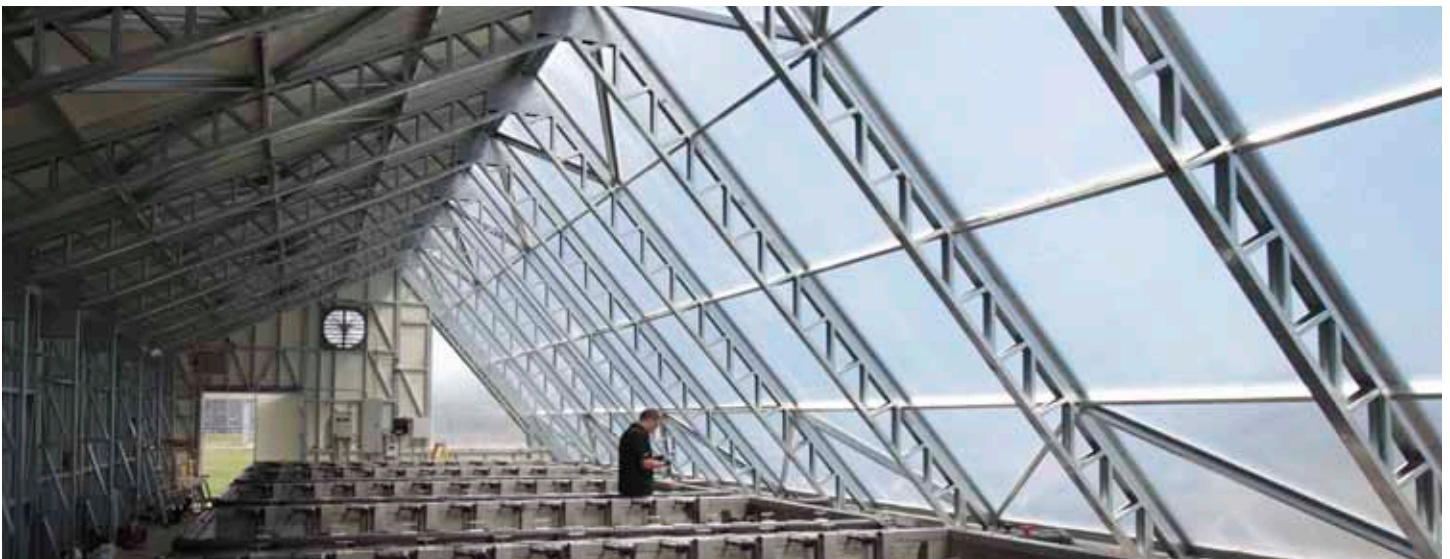


The Southwestern Consolidated Schools Algaewheel WWTP serves both the elementary and high schools, comprising 700 students and staff. The Algaewheel System was chosen to replace an old activated sludge plant due to Algaewheel's low operational costs (a total of 2hp blowers are used to power the system compared to 15hp for the old plant) and competitive capital cost. In addition, Algaewheel's attractive aesthetics, low noise and low odor made it an ideal fit immediately adjacent to the school's track, softball field, and soccer field.

Project Name	Southwestern Consolidated Schools WWTP
Project Location	Shelbyville, IN
Project Type	Plant replacement
Flow	Avg. Daily Flow 20,000 gpd Peak Daily Flow 40,000 gpd Peak Hourly Flow 80,000 gpd
Effluent Limits	25mg/l CBOD, 30mg/l TSS, 3.1mg/l NH3-N (summer), 4.9mg/l NH3 -N (winter)
Discharge	Treated water will be surface discharged to the east fork of Slash Creek.
Completion Date	September 2016



The old treatment plant - seen here in the foreground.



Algaewheel exclusively from
ONE∞water[®]
Treatment redefined