

ALGAEWHEEL WWTP INSTALLATION

SUMMIT LAKE STATE PARK



Summit Lake State Park, operated by the Department of Natural Resources (DNR), features 2,680 acres of parkland, a large boating and fishing lake and extensive camping and RV facilities. The Algaewheel System was chosen for its aesthetic design and environmentally friendly credentials. The system provides independent, low cost, low energy operations during the off season and acts as a tertiary polishing system during peak summer flows in conjunction with the existing activated sludge plant (that could not meet summer limits).

Project Name	Summit Lake State Park WWTP Improvement Project
Project Location	New Castle, IN
Project Type	Plant replacement and upgrade
Flow	Avg. Daily Flow 11,000 gpd Peak Daily Flow 33,000 gpd Peak Hourly Flow 80,000 gpd
Effluent Limits	25mg/l CBOD, 30mg/l TSS, 12mg/l NH3-N (currently meeting <10,<10, >1)
Discharge	Treated water is surface discharged to the Big Blue River
Completion Date	March 2015



The old treatment plant can be seen here in the foreground.



Algaewheel exclusively from
ONE∞water[®]
Treatment redefined