

Installation Update

**Town of McEwensville, PA
improves treatment with
new Bio²Bloc System !**



The Town of McEwensville, PA, operates a small dual-cell extended aeration plant. Running with an average flow rate of 40,000 GPD, the town's engineers (HRG, State College, PA) designed a retrofit system including six Bio²Bloc units, to improve the removal of BOD and ammonia, and improve settleability throughout the entire system. A key consideration in selecting FBC's system was the necessity of being able to continuously operate the plant during the retrofit. The Bio²Bloc system was quickly installed in June 2006 with no disruption in treatment.



The six Bio²Bloc units are supported with small blower, with a flow rate of 125 SCFM, drawing only 3 BHP.

New modular Bio²Bloc® fixed film bioreactors were installed in a day. Dual aeration system allows for backflushing of media beds from shore by manipulation of valves on simple manifold design.

General Contractor: PSI Pumping Solutions, York Springs, PA

