

Background On Hammonton Lake:

- **75 acre lake located in Hammonton, NJ.**
- **Maximum depth of 12 feet; average depth of 6 feet**
- **Swimming beach was closed for all but 13 days the previous season due to high coliform levels (>300/100 ml). Levels always increased significantly after rain events**
- **CLEAN-FLO designed a program for the entire lake but was asked to address the beach area first**
- **System installation completed on July 19th. Coliform levels on the 19th were over 500**
- **Daily water sampling was conducted by Hammonton personnel starting on July 23rd. Coliform levels had already dropped to 180**
- **Coliform levels were below acceptable limits for 25 of the first 30 days of operation. The beach has been open since.**

Hammonton Lake Water Sampling

Date	Coliform	Comments
July 23	180	First test
July 31	1,621	1.5" rain on 7/30
Aug 2	356	
Aug 3	185	
Aug 4	96	
Aug 8	56	
Aug 15	60	
Aug 19	58	2" rain event in pm
Aug 21	1,400	
Aug 24	200	

➤ **Levels increased significantly after rain events but the system was able to reduce them to acceptable levels within a day or 2 each time this occurred.**