

## Case Study for Pool Water Clarity

Marriott's Barony Beach Club, Hilton Head Island, South Carolina



With permission from a major hotel, the 24-year-old Year Around Pool Company of Hilton Head requested a Change Period from DEHC. The Change Order would allow a test on the cloudiest, problem pool on Hilton Head Island. The pool was named the "Ghost Pool" because the pool was never clear.

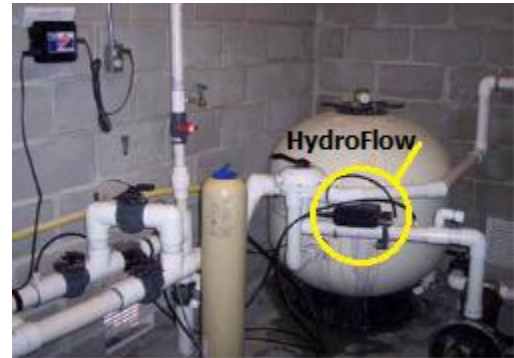
The hotel has 5 pools on the property and pools are checked regularly and daily by trained service personal from Year around Pool.

Installation of a HydroFlow P-160 was completed on October 28, 2004.

A routine follow-up was conducted on November 4th 2004 of the 30 day experiment.

### First week results:

- After only 3 days, pool was clear for the first time. The grout lines in the tile on the bottom of the pool were visible for the first time in more than a year.
- After 5 days, Auto-chemicals re-adjusted
- After 7 days, no sign of back washing necessary.



This pool normally required a daily backwash. HydroFlow P-160 is strapped on pipe between the pump and filter using a 110V power supply.

On February 7, 2005, The South Carolina Department of Health and Environmental Control (DHEC) issued an approval: Based on the sixty-day trial of the technology the Department will allow the use of the technology in public swimming pools in South Carolina.

