

Abstracts of Strantrol ECS Case Histories

- A chain of 12 New York hotels was experiencing chronic air quality and water clarity problems in its pools and spas. The problem became labor intensive, as the spas were drained weekly in an effort to improve water clarity and eliminate the accumulation of suds. USFilter implemented ECS technology on all pools and spas. After one week, odor problems were eliminated, combined chlorine was undetectable, and the water clarity was excellent. *After completion of the trial, hotel management installed 25 systems.*
- An aquatic facility at an upstate New York college experienced problems with severe odors, pool water clarity, and numerous bather complaints. A week after USFilter implemented ECS technology at the facility, odors were eliminated from the poolroom. *“And, water clarity is now excellent,” states a staff member. “Members of the swim team have told us that the water feels great on their skin!”*
- A New England YMCA pool had been experiencing chronic air quality and water clarity problems and the staff was unable to reach break-point chlorination in its water chemistry program. Shortly after the implementation of ECS technology from USFilter, *odors were eliminated from the natatorium; water clarity was optimized. The staff no longer has to superchlorinate in an effort to address clarity and odor problems.*
- A 95,000-gallon indoor pool facility experienced chronic problems with air and water quality resulting from high concentrations of chloramines in both the air and water. The water treatment system incorporated an ORP controller and used 12% liquid bleach as the oxidant and sanitizer. Complaints of skin irritation, rashes, and burning eyes were common. *Ten days after implementing USFilter’s ECS technology at the facility, odors resulting from the presence of chloramines had been eliminated. Over four months of continued operation has demonstrated continued odor free air resulting from chloramines, and the process of superchlorination has been eliminated.*
- An indoor aquatic facility with a 166,500 gallon lap pool and a 14,400 gallon splash pool incorporating a water slide experienced chronic air and water quality problems. Combined chlorine in the water of both pools were consistently above 1.00ppm and odors in the air were strong from chloramines. Within three days of implementing the USFilter ECS system, the combined chlorine in the water dropped to undetectable levels using FAS-DPD test for chlorine and total oxidant. *The odors and skin and eye irritation problems were eliminated. Along with the dramatic improvements in air and water quality, chemical usage also dropped.*

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