

Brewery



Problem

In a large commercial brewery, bacteria levels are constantly monitored by detecting Adenosine Triphosphate (ATP) and plate tests that look for microbes. Depending on the detected level of these bacteria, additional cleaning and sanitization may be required. Upon reaching an established threshold in a particular zone, production is halted to carry out a long and costly cleaning cycle.

Pyure Solution

A site assessment was conducted, and a custom Pyure solution was recommended. Pyure Technology® deploys hydroxyls and organic oxidants constantly into the air and on surfaces that break down the bacteria common to breweries. Within 24 hours of installation of Pyure Technology®, dramatic reductions of ambient bacteria levels were achieved. The chart below reflects how quickly the levels of bacteria were reduced in the first week of installation and maintained near zero.

Outcome

- **Eliminated an entire 12-hour cleaning cycle each week per production line**
- **Unscheduled shutdowns were reduced by 90%**
- **Chlorine Dioxide mist was decreased by 65%**
- **Water consumption reduced by 20,000 gallons a day**

The company now has 9 Pyure Dynamic Solutions® systems installed in 6 different breweries.

