

# Bellacide® 301

for improving microbiological control while reducing cost

Bellacide 301 is the best treatment for bacteria, algae and biofilm.



## Bellacide 301 in action

**Eliminating cooling tower algae while reducing costs by 60% compared to DBNPA and DTEA II.**

Removed algae

Near zero bacteria counts

Eliminated biodispersant

Reduced chemical inventory

### Challenge

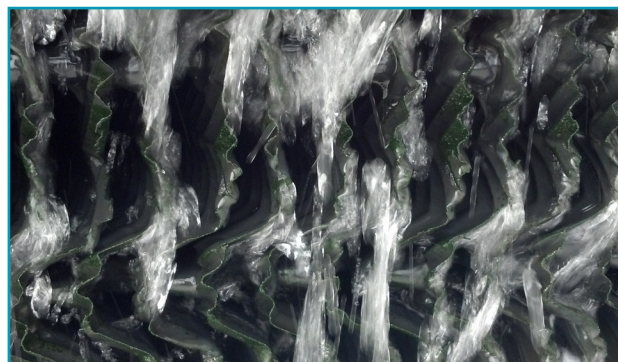
A cooling tower at a flooring manufacturer experienced significant algae growth, especially during the summer. Treatment with DBNPA, stabilized bromine and a biodispersant (DTEA II) did not fix the problem.



Treated with DBNPA, algae accumulates.

### Results

After existing algae was mechanically removed, DBNPA and biodispersant were replaced by two 50 ppm doses per week of Bellacide 301. The system was kept algae free and treatment costs were reduced by 60%.



Treated with Bellacide 301, algae is eliminated.

### System snapshot

Volume	Cooling	Cycles	Temperature	$\Delta T$	CWT formulation
22,700 gal	570 ton	5	90° F	8° F	5 ppm PO <sub>4</sub> , 1.5 ppm TTA, 6 ppm terpolymer

Our wide selection of biocide chemistry can be tailored for any treatment scenario.

**Learn more at [www.wateradditives.com](http://www.wateradditives.com)**

# Bellacide® 301

A broad spectrum biocide that is highly synergistic with halogens. Outperforms DBNPA, improves microbiological control and reduces total cost of operation.

## Bellacide 301 Powerful and cost effective.

Dose in halogenated systems	40-50 ppm
Dose in single biocide systems	120-150 ppm
Activity	5%



[www.wateradditives.com](http://www.wateradditives.com)

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