

# Bellacide® 325

controls algae and eliminates downtime

Bellacide 325 is the best treatment for algae and fungi.



## Bellacide 325 in action

**Bellacide 325 eliminates algae and fungi in a recirculating holding pond, eliminating process downtime.**

Eliminated algae & fungi

Reduced downtime

Improved water clarity

### Challenge

A holding pond for recirculating process water at a large Midwestern foundry was continually plagued with algae, fungi and bacteria, thus requiring aggressive treatment. A program of sodium hypochlorite and diquatery herbicide was initially applied but discontinued when chlorinated organics were detected in pond effluent. Ultimately an aggressive program of hydrogen peroxide and diquatery herbicide was applied but could not completely control algae during summer months. The presence of algae in the recirculating water caused frequent interruptions in the foundry process.

### Results

The combination of hydrogen peroxide and diquatery herbicide was replaced by 75 ppm of Bellacide 325 every 4 weeks. Within 8 days, algae levels were reduced by 2 orders of magnitude. For the first time, the pond remained algae free during summer months and no interruptions to the foundry process were caused by algae blocking the water intake.



Holding pond green with algae before Bellacide 325.



Holding pond clear of algae after Bellacide 325.

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

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

# Bellacide® 325

## 8 times better on algae than other biocides

Bellacide 325 is EPA approved for use in industrial cooling, process water applications, decorative and ornamental fountains and clarifiers. Additionally, it holds NSF approval for use in and around food and beverage processing areas. Bellacide 325, chemically known as terbutylazine (TBZ), has 8 times better algal control than non-oxidizing biocides such as glutaraldehyde and DBNPA.



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

### Americas

1979 Lakeside Parkway,  
Suite 925  
Tucker, GA 30084, USA  
Phone +1 678 802 3050  
Or 800 600 4523  
[Americas@wateradditives.com](mailto:Americas@wateradditives.com)

### Asia Pacific

No. 1 Magazine Road  
#04-01, Central Mall Office Tower  
Singapore 059567  
Phone +65 9745 3227  
[AsiaPacific@wateradditives.com](mailto:AsiaPacific@wateradditives.com)

### Europe

2 Brightgate Way  
Stretford, Manchester M32 0TB  
United Kingdom  
Phone +44 161 864 6699  
[Europe@wateradditives.com](mailto:Europe@wateradditives.com)

### MENA

DMCC Dubai Branch  
Office 1802, Level 18  
Jumeirah Bay X3 Tower, Cluster X  
Jumeirah Lake Towers  
P.O. Box 263164, Dubai, UAE  
Phone +971 4 880 7336  
[MiddleEast@wateradditives.com](mailto:MiddleEast@wateradditives.com)

#### Patents:

BWA Water Additives (BWA) owns or is the licensee of patents and patent applications, which may cover the products and/or uses described in this case study. The following are registered trademarks of BWA Bellacide, Drop and Swirl logo. © Registered US Patent and Trademark Office. © 2016 BWA, All rights reserved.

The information contained in this case study is based on data available to BWA Water Additives and is thought to be correct. Since BWA has no control over the use of this information by others, BWA does not guarantee the same results described herein will be obtained, and makes no warranty of merchantability or fitness for a particular purpose or any express or implied warranty. This information is intended for use by technically trained personnel at their discretion and risk.

BWA Water Additives UK Limited is a private limited company registered in England and Wales at 2 Brightgate Way, Manchester M32 0TB, Registered No.5657343.