

Bellacide® 355



bacteria control for impoundment ponds with halogen synergy

Fast acting, long lasting biocide.

Bellacide 355 in action

Sustainable pond treatment with synergistic oxidizing and non-oxidizing treatment.

Eliminates
Odor

Controls SRB
and APB

Effective for
> 30 days

Reduces Hydrogen
Sulfide

Challenge

High TDS process water pond was persistently turning septic with large outbreaks of sulfur and acid reducing bacteria. This was compounded by the continued problem of odor in the summer months, causing a health and safety concern for neighboring families. Treatment with bleach at 60 ppm once a week did not control the sulfur reducing bacteria that were causing dangerous levels of hydrogen sulfide.



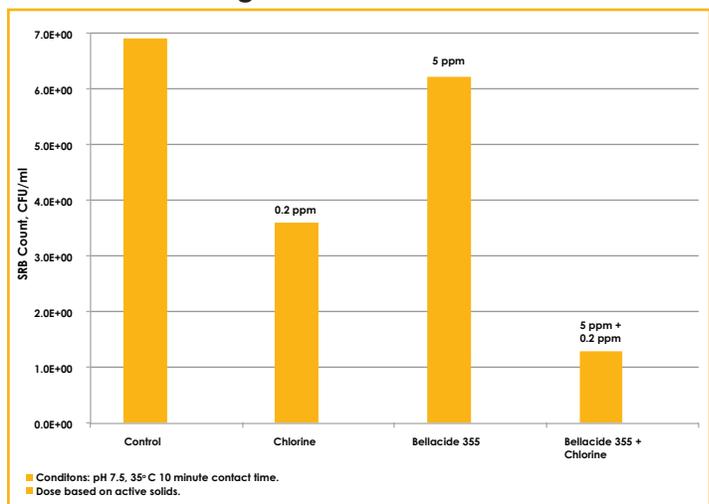
Impoundment water treated with Bellacide 355 prior to being used in fracturing.



Results

Bellacide 355 was brought in to supplement the ineffective bleach program and eliminate bacterial growth. Initial dosage of 60 ppm Bleach with 250 ppm Bellacide 355 once a week for four weeks successfully eliminated odor, sulfur reducing bacteria, and acid producing bacteria. This program effectively reduced the bacteria, providing the service company greater than 30 days between treatments and maintaining trouble free high conductivity brine water.

Bellacide 355 Provides Synergy with Halogen at a Reduced Dose



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

Learn more at www.wateradditives.com

Bellacide® 355

A fast acting, broad spectrum biocide with superior activity compared to other non-oxidizing biocides. Highly effective against problematic organisms, Bellacide 355 MMC (minimum microbicidal concentration) against sulfate reducing bacteria is 10 ppm in 1 hour.

Bellacide 355 Fast acting. Long lasting.

Dose in halogenated systems	80-250 ppm
Dose in single biocide systems	250-500 ppm
Activity	5%

**A low-dose biocide that is highly synergistic with halogens.
Excellent for maintaining clean formulation water for the fracturing process.**



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