



**ECOVORTEK**

.....  
**PUTTING LIFE BACK  
INTO WATER**

## Testimonials Ecovortek Water Treatment

### Examples of Commercial Application

#### **Feedback from customers**

The results people have experienced from using the Ecovortek water treatment are many and varied. A number of commercial experiences indicate that the value of improving water quality has had an effect throughout the company resulting in increased efficiency, a better product and hence increased profits.

The following examples describe successes in winery use, aquaculture, fertiliser manufacture, refrigeration, bottling and domestic use.

#### **Results – Improves Water Clarity Winery, Monash SA**

Recirculating water through an Ecovortek unit (Type C) clears colloiddally suspended materials. The test report said, "Based on these results it can be determined that the conditioning of water causes 26% greater flocking effect over a given period."

Further Uses

- Clears River Murray water for uses by commerce and industry
- Maintains clarity in ornamental ponds
- Clears bore and dam water for uses by commerce and industry
- Reduces cost of chemical treatment

#### **Results – Decreased Mortality of Fish Aquaculture, Kadina SA**

Salty water was passed through an Ecovortek unit (Type A). A fax from the aquaculture consultant stated "Re: Fin-fish System Trials. 1. The water has cleared right up to the point of visibility across the tank, side to side. Still contains a slight tannin colour. 2. Since the drum filter and your unit being fitted the fish have shown a definite improvement resulting in a decreased mortality."

Further Uses

- Increases fish numbers and hence sales numbers & of course profits
- Improved product quality from aquaculture activities
- Reduced bacteria levels & hence decreased mortality

#### **Results – Decreased Anaerobic Bacteria Energy and Engineering, Yarram Vic**

After using an Ecovortek unit (Type A) in the preparation of organic fertiliser a sulphate organism was markedly reduced and hence no more exploding drums, (very messy!).

- Test results show a reduced anaerobic bacteria count.  
"Total anaerobic count, 800,000 gms to <10" after Ecovortek processing of liquid.
- Test results show a reduction in sulphate organisms/ml.  
"Sulphate reducing organisms/ml 14,000 to 5" after Ecovortek processing of liquid.

Further Uses

- Food processing
- Drinks processing
- Liquid fertiliser processing

#### **Results – Reduction of Hard Water Scale Refrigeration Plant, Coromandel Valley, SA**

Water flowing through an Ecovortek unit (Type C) resulted in reduction of scale in ammonia compressor in the refrigeration plant. A note from the company stated that, "Following a 6 month trial, in which a measurable softening and reduction of hard water scale was noticed."

Further Uses

- More efficient running of refrigeration plants
- Reduced cost of running
- Less maintenance of commercial equipment
- Has a softening affect on water, useful in homes and commerce
- Reduced risk of bacterial infection from spray drift



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### **Results – Reduction of Yeasts and Moulds Bottling Plant, NZ**

This company has experienced a reduction of yeasts and moulds in bottles of natural organic mineral supplements. A letter from the company said “We began to incorporate the Ecovortek device into our process about 6 months ago. Although it is still early days, the results have been spectacular. In fact we would not contemplate filling a batch without using this device.”

Further Uses

- More efficient brewing of beer and cider.
- More sterile bottling of drinks.
- Better quality water for use in food processing

### **Results - Reduction of Anaerobic Bacteria Tropical Lagoon, SA**

A Universal unit and aeration tank were fitted to the water recirculation plumbing of an ornamental lagoon. Analysis of a water sample by Medvet Science Pty Ltd (NATA accredited) showed a total bacteria count of 240,000 organisms per mL immediately after installation was completed. Water samples were taken again at weekly intervals. One week after installation the count had dropped to 120,000, the second week it was 30,000, the third week it was 69,000 but the recirculating pump had been turned off. In the fourth week the count was 31,000 organisms per mL. The water was noticeably clearer in the lagoon.

Further Possible Uses

- Reduction of bacteria in air conditioning systems.
- Reduction of bacteria in rain water tanks.
- Better quality water for use in ornamental lakes.

### **Results – Better Taste A number of domestic users, SA**

Letters report that “There has been a reduction in chemical odour from the mains water”, “water is easy to drink” and “I have felt physically well drinking the water”.

Further Uses

- More pleasant to use for domestic and commercial applications.
- Improved well being of employees.