

Whitmore Fisheries, Nr Blackpool

June-July 2012

Trial using one of a the new range PondTec Ultrasound Units



This fishery had suffered from a persistent algal infestation, identified as the blue green algae *Oscillatoria* sp. Various treatments were previously tried but with no effect. In 2011 a PondTec 50 Ultrasound unit was installed, which succeeded in restricting algal growth but was unable to eradicate it.

In June 2012, one of the new PondTec ultrasound units was installed to test the effectiveness of this advanced technology over a 3 week period. The ultrasound unit was left running between the 13th June and July 3rd.



Photographs taken at installation on June 13th 2012
Algae in abundance

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Algae in abundance

June 2012



View of the East Lake showing location of the new unit



The top two pictures were taken on June 21st, the bottom two on July 5th. Note colour change





July 5th:

The PondTec unit was now removed as the water colour has turned brown due to the dying algae, as a result oxygen levels have dropped and so aeration was required to ensure the fishes welfare.

The photograph on the right shows the pond margin, the water is clearer and the blanket weed growing on the rushes on the side from where the ultrasound was coming from is dead.

On the other side of the plant, the algae is still alive and green



June 13th at start of trial



July 14th, two weeks after trial finished.
All algae has been killed.



For more information on the PondTec range of ultrasonic devices contact:

Sustainable Soil & Water Ltd

T: 01995 640438 M: 07860 447745

Email: simon@emsustains.co.uk

and



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control of:
-Algae
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-Lime-scale

Efficient Sonics Ltd.
8 Pimlico Road,
Expressway Industrial Estate
Runcorn, Cheshire
WA7 4US , United Kingdom

www.ultrasonicalgaecontrol.co.uk

Internet: www.efficientsonics.com
Email: stefan@efficientsonics.com
Phone: + 44 (0) 1928 561 989