

# 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 irradiate 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 13<sup>th</sup> June and July 3<sup>rd</sup>.



Photographs taken at installation on June 13<sup>th</sup> 2012  
Algae in abundance

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Photographs taken at installation on June 13<sup>th</sup> 2012  
Algae in abundance

June 2012



View of the East Lake showing location of the new unit



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





July 5<sup>th</sup>:

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 13<sup>th</sup> at start of trial



July 14<sup>th</sup>, two weeks after trial finished.  
All algae has been killed.



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

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