

BIOAKTIV Far East

Vietnam: Binh Quoi Tourist Village

A local company, TST, received a contract to treat a pond in Binh Quoi Tourist Village, Ho Chi Minh City, Vietnam in 2007. The tides fluctuated the depth of the 600 m² wide pond around 1 m and made it a habitat for many fish. Sewage from the homes and restaurants in the village constantly polluted the pond water.



Before treatment, the pond was full of algae and organic pollutants.



A worker spraying 1.8 litres of Algway T60 in 1:15 dilution evenly on water surface.

TST applied AquaClean microbial products of Algway T60 and ACF32, and BioAktiv for Water to treat the pond water according to the following schedule.

Week	AquaClean			BioAktiv
	Product	Litres	ppm	kg
1	Algway T60	1.8	3.0	
2	ACF32	9	15.0	
3		4	6.7	
4		4	6.7	
5		4	6.7	4
6		4	6.7	
7		2	3.3	
8		2	3.3	
9		2	3.3	
10		2	3.3	2

TST completed the treatment of the pond water within three months. The table below shows the water quality parameters before the treatment and three months after the treatment started.

Parameter	Unit	Before	After	Standard*
NO ₃ ⁻	mg/l	8.4	0.3	30
PO ₄ ⁻	mg/l	2.6	Undetected	6
S ₂ O	mg/l	49.0	24.2	50
H ₂ S	mg/l	8.62	Undetected	3.0
Vegetable oil/grease	mg/l	14.2	2.8	20
Dissolved solids	mg/l	3,200	246	500
Suspended solids	mg/l	24.5	1.0	0.5
BOD	mg/l	84	18	30
pH value		5.82	6.66	5.0-9.0

* Standard used: TCVN 6772-2000



Algae disappeared completely after three months

[\[Original report\]](#)