

Kochi Prefecture Higashi Elementary School



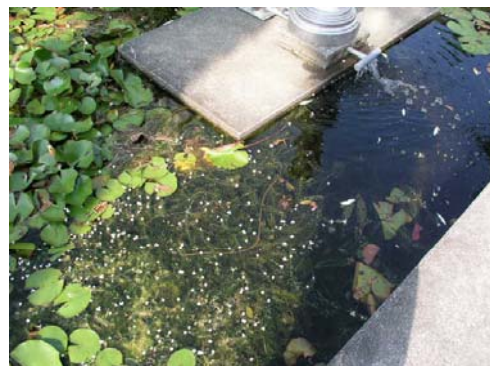
April



In April, algae was very weak, saturated oxygen level was low.
The bottom of the Fountain/Pond had rotten sediment
PursaLex-Pools circulator was installed to activate water.



May



Saturated oxygen level in the water increased, allowing flowers to bloom.



By May, no more odor coming from the pond. Saturated oxygen in the water has increased.



An insect breed the egg on the algae
According to the teachers, the insects never



In June, the center of the pond was almost lacking oxygen due to so much algae Over saturated with oxygen

(June, Upper level) (Lower, is the outer rim of the pond)

	Outside temperature	Water temperature	Current saturated oxygen	Saturated oxygen
4/5/2005	18°C	15.2°C	6.6mg/L	9.76mg/L
4/28/2005	26°C	25°C	13.3mg/L	8.11mg/L
6/29/2005	31.7°C	30.5°C	6.0mg/L	7.5mg/L
6/29/2005	31.7°C	30.5°C	10.5mg/L	7.5mg/L

(June, Upper level) (Lower, is the outer rim of the pond)