

11/18/2010

Science

Dear Pond Committee Members,

From the evidence we have found, I've chosen yes that the aerator is a good thing for the pond. I know that the aerator isn't just helping the pond to be cleaner, it's also helping the pond's ecosystem. Here are some details to support my answer. When the aerator was first put in, there was duckweed everywhere! Now there is hardly any duckweed on the surface of the pond. That is because the aerator breaks it down, and makes the duckweed seem as algae, which some organisms eat.

The aerator also made the pond healthier and safer for organisms and plant life to live in. Since the aerator pumps out oxygen through the pond, it's also creating the lower layers "old" oxygen to generate new and "fresh" oxygen into the lower layer. We found that there is 12 mg per liter dissolved oxygen in the pond.

Also before the aerator was put in, the bottom of the pond wasn't visible. Now that the aerator has been put in the bottom of the pond is visible.

In addition, more organisms have come to live in the pond. We saw ducks, turtles, different insects and minnows. Students last year did not see as many animals.

And that is why I think the aerator is a good thing.

Sincerely,

Brianna