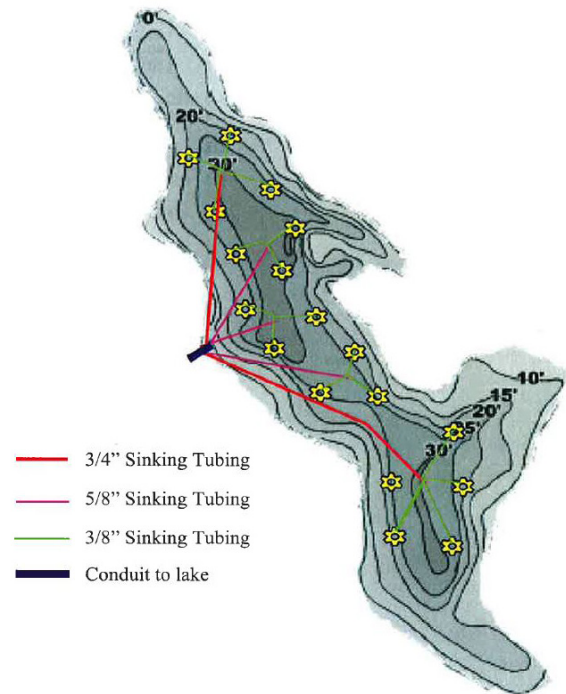


Chickakoo Lake Aeration Project

In 2016, a diffused aeration system was installed in Chickakoo Lake. It will begin to operate in the spring of 2017. Each year the system will run from spring thaw until the lake ices over in the fall.

The system compresses air and injects it directly into the bottom of the pond, creating a continuous upward moving flow of water. The diffusers break up the air into micro bubbles creating current which transfers low-oxygen water to the surface where it can breathe. The result is increased oxygen levels in the lake.



By increasing oxygen levels through aeration, we can expect to see an overall improvement in the health of the lake. Some benefits may include:

- increased water clarity
- improved health of fish habitat and reduction of winterkill
- decreased numbers of weeds and algae blooms
- increase in the rate of organic decomposition
- reduction in mosquito populations
- reduction of fowl odors from the lake

More Information:
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