

Lake Survey Report

Owassa, Lake

Contact

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Survey Information

Date: 7/2/2009
 Biologist: Chris Doyle
 Survey Method: Boat

Findings

Alkalinity: 36 DO (ppm): 8.8 Secchi (Visibility in ft.): 4.75 pH: 7 Temperature(°F): 72

Aquatic Vegetation Species

See below and summary sheet

Algae Species

N/A

(To view pictures of the plants surveyed, go to our website, www.alliedbiological.com, and click on the Plant Identification tab)

Comments

Lake Owassa has a diverse aquatic plant community despite high tannin water and limited (25%) littoral zone. Scattered patches of waterlilies (*Nymphaea*, *Nuphar*, and *Bresenia*) in varying densities occur along the shorelines and, north and south ends of the lake. Higher densities occurred on the west shore. Milfoil sp. was found throughout the lake in trace to sparse patches just below the surface. A sample was collected and examined at the lab. It appears to be various-leaf watermilfoil (*M. heterophyllum*), but no flowers or seeds were present to confirm identification. A survey of the treatment area revealed no milfoil and only very little waterlily damage. A few patches of curlyleaf pondweed (with turions) were located along the west shore. All other plants observed are considered desirable native species and occurred in trace to sparse scattered patches. The inlet was inspected for milfoil density, which was sparse to moderate, with plants near the surface. At this time, treatment of this location is not recommended. Two species of coontail (*C. demersum* and *C. echinatum*) were observed, with the latter found in the inlet cove.

Plant Density Key



None



Trace



Sparse



Moderate



Dense