

**WIXOM LAKE IMPROVEMENT PROGRAM  
ANNUAL BUDGET AND PLAN  
2017 – 2020**

<b><u>Improvement</u></b>	<b><u>Annual Cost</u></b>
Aquatic Plant Control	\$220,000
Aquatic Plant Control Field Surveys and Coordination	\$22,000
Information Dissemination/Education	\$8,000
Water Quality Monitoring	\$3,000
Administration and Contingency	<u>\$25,500</u>
<b>Subtotal</b>	<b>\$278,500</b>
Surplus Funds to Reduce Assessments	(\$16,150)
<b>Total Amount to be Assessed</b>	<b>\$262,350</b>

The Wixom Lake Improvement Program would focus on the control of exotic, invasive plants with the select use of herbicides; and mechanical harvesting and spot herbicide treatments to control nuisance growth of native aquatic plants. The amount of herbicide use and harvesting in any given year would depend on the type and distribution of plants and Department of Environmental Quality permit conditions.

Plant control activities would be coordinated under the direction of the Wixom Lake Improvement Board’s environmental consultant. The consultant would be responsible for preparing contract documents for the plant control program, conducting GPS-guided surveys of the lake to determine the scope of work to be performed by the plant control contractors, and performing follow-up surveys to ensure work is performed satisfactorily. The consultant would maintain a record of plant control activities and provide written recommendations to the lake board regarding payments to the plant control contractors.

As part of the information and education component of the program, the lake board’s consultant would update, maintain and create new postings for the lake board’s website, [www.wixomlakeboard.org](http://www.wixomlakeboard.org).

Annual water quality monitoring would be conducted in the spring and late summer to evaluate baseline water quality conditions in Wixom Lake. Samples would be collected from the surface, mid-depth and near bottom over the three deepest basins in Wixom Lake to measure temperature, dissolved oxygen, total phosphorus, pH and alkalinity. In addition, water transparency and surface water chlorophyll *a* levels would be measured. Monitoring results would be compared to historical water quality data and posted on the Wixom Lake Improvement Board’s website.

Existing surplus funds in the amount of approximately \$64,600 are proposed to be used to reduce the annual assessment amount by \$16,350 per year to \$262,350 per year. This would equate to an assessment for lakefront parcels of about \$154 per year.