

Tomahawk Lake AIS Control Grant for 2016

Grant Number ACEI 185-16

Quarterly Report

Quarter No. 3

October 1st, 2016 – December 31st, 2016

The following quarterly report documents the major activities that were undertaken during the third quarter of the Tomahawk Lake AIS Control Grant for 2016. Subsequent quarterly reports will be forwarded as they are generated per the grant agreement.

The third quarter of the grant period contained activities that represented the continuation of this one year grant. Activities included:

1. The completion of the Pre-treatment AIS Point intercept survey in late September as called for in the UW Extension Lakes Aquatic Plant Management Guide. This survey, as described in the third quarterly report for this grant, provides initial data input for the development of the treatment recommendation for the following year (2017) which is included in the 2016 Aquatic Plant Management Report.
2. Development, completion and submission of The 2016 Hydraulic Conveyor System (HCS) annual harvesting report, which includes a recap of daily operations, data collected, harvesting locations maps and harvesting results by harvested site. This report is

required by the Mechanical Harvesting Permit issued in the spring of the year prior to the harvesting. While this report is not required within the Tomahawk Lake AIS control grant for 2016, it is an important tool that the Tomahawk Lake Association is utilizing to battle the Eurasian Water Milfoil infestation in our watershed.

3. Completion of the 2016 Clean Boats Clean Waters data entry into the SWIMS program, which when completed allows for the construction of the C.B.C.W. reports for Tomahawk Lake for the summer boating season.

1. Continuation of the development and completion of the 2016 Aquatic Plant Management Report for submission at the end of the year. This includes the entering of data into the Aquatic Plant Management workbook spreadsheet, and the analysis of the calculated results which are generated. This information, along with additional information which is generated in other monitoring efforts gives the AIS Coordinator an insight with which to write the Aquatic Plant Management Report submitted at the end of the year.

2. Development of the chemical and mechanical harvesting treatment plans for the spring of 2017. Using the data obtained in the pre-treatment AIS survey done in late September, the AIS Coordinator developed and finalized the 2017 spring chemical treatment plan. This plan, including the chemical treatment recommendation and detailed maps of the recommended treatment polygons is included in the year end Aquatic Plant Management Report (APMR). In addition to the 2017 chemical

treatment recommendations, the AIS coordinator also begins to develop the mechanical harvesting plan for 2017, which utilizes the Tomahawk Lake Association hydraulic conveyor system in the removal of Eurasian Water Milfoil from the lake bed. This mechanical harvesting plan is submitted to the Lakes coordinator within the permit application submitted in the spring of 2017.

3. The TLA Board of Directors finalized the 2017 AIS Control funding plan, and presentations were made to the boards of supervisors of the four townships which border the Tomahawk Lake watershed. These funds are earmarked to cover the unfunded portion of any WDNR AIS Control Grants for chemical and mechanical treatments in 2017. An overview of TLA's treatment plans for 2017 was presented to all four townships, along with projected costs and anticipated shortfalls. All four of the townships made funding commitments for the 2017 season.
4. The AIS Coordinator worked diligently in the construction of the 2017 AIS Control Grant and the 2017 AIS plant monitoring grant applications. A great many hours have been committed to the development and submission of the grant proposal for 2017.

These are the primary activities which the AIS Coordinator implemented in the third quarter of the 2016 AIS Control Grant for Tomahawk Lake.

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Executive Director
AIS Coordinator