

# LMD Historical Timeline

Long Lake Management District Steering Committee



## Pre - LMDs

- 1890 - Eurasian Milfoil comes to Chesapeake Bay from Europe through ship bilge
- 1973 - Lakes Improvement Association (LIA) formed to rehabilitate Long lake
- 1977 - Phosphorus & water clarify monitoring begins
- 1981 - LIA expands scope to include Hicks & Pattison Lakes
- 1982 - Entranco Engineers Report on lake management practices
- 1983 - Long & Pattison Lakes treated with alum to reduce phosphorus loading
- 1983 - Governor Executive Order 83-14 establishes an Interagency Taskforce on Milfoil Control
- 1985 - WA State RCW 36.61 authorized WA counties to create management districts in the State

## LLMD #2 - 1987 1986 - 1992

- Primary Goals: Control of aquatic plant & algae growth, water quality
- Proposed Annual Assessment: \$61,000 with max. 2.5% inflation increases
- Rates: no lakefront ft or upland property rates established by the County
- [Ordinance 8587 on April 13, 1987, Thurston County Commissioners authorized Long Lake Management District No.2 \(LLMD #2\) for five years, per Resolution 8568.](#)
- Annual assessment to "...accomplish harvesting, monitoring, and to collect one-fifth of the cost of an alum treatment"
- 1987 - Milfoil 1st discovered in Long Lake, suspectedly transported by boat/trailer from Lake Washington
- 1989 - Aquatic Weed Control Options Committee formed
- July 1990 - Fish population study conducted by the WA Dept. of Wildlife
- September 1990 - Milfoil eradication/control feasibility study recommends SONAR application & a 5 year surveillance/management program for new infestations.

## LLMD #6 1991 1991 - 1995

- Primary Goals: Eradicate milfoil; implement draft Integrated Vegetation Management Plan for Long Lake
- Proposed Annual Assessment: \$185,666 with annual max. 7% inflation increases
- Rates: \$2.72/Lake front ft, \$52.00/Upland dwelling, \$0.46/Habitat Reserve foot
- [Resolution 9932 on December 16, 1991, Thurston County Commissioners authorized Lake Management District 6 for five years](#)
- [1991 - Legislation passes RCW 46.17.305 authorizing grant funds for lake from \\$3 boat trailer fees](#)
- [1993 - Legislation passes RCW 70A.410.010 imposing a statewide limit on the phosphorus content of household detergents.](#)
- [1990 Milfoil Eradication/Control Feasibility Study](#)
- Major funding by the US Army Corp of Engineers totaling about \$1.2M as national project to mitigate Eurasian Water Milfoil with low-dose fluridone treatment
- Environmental Impact Statement prepared for Long Lake regarding SONAR, using updated research prepared by State agencies but not yet issued as part of pesticide oversight update
- 1991 - Whole-lake Sonar herbicide application for milfoil
- 1992-1995 - annual milfoil survey and hand control
- 1993 - Mechanical control of lilies pilot project
- 1994 - 1995 - Harvesting aquatic vegetation
- [1994 - Long Lake Phosphorus Control Study completed by Entranco](#)
- [1995 Long Lake Eurasian Watermilfoil Eradication Project Final Report](#)

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<p>LLMD #11 1995</p> <p><b>1995 - 2000</b></p>	<p>Aquatic plant control based on Vegetation Management Plan</p> <p>Proposed Annual Assessment: \$100,000 with max. 5% inflation increases</p> <p>Rates: \$2.31/Lake front ft, \$27.12/Upland dwelling, \$0.22/Habitat Reserve foot</p> <p>Continued oversight of County program through LMD advisory committee</p> <p><a href="#">Ordinance 11000 authorized LLLMD # 21 on 9/5/1995 per Resolution 10942</a></p> <p>Annual weed survey and hand control of milfoil</p> <p><a href="#">1996 Milfoil Survey</a></p> <p><a href="#">1997 Milfoil Survey</a></p> <p><a href="#">1998 Milfoil Survey</a></p>
<p>LLMD #15 2000</p> <p><b>2000 - 2005</b></p>	<p>Primary Goals: Harvesting (55 acres, Milfoil monitoring, weed &amp; algae management)</p> <p>Proposed Annual Assessment: \$118,200 with max. 5% inflation increases</p> <p>Rates: \$2.72/Lake front ft, \$31.76/Upland dwelling, \$0.27/Habitat Reserve foot</p> <p><a href="#">Ordinance 12274 on July 20, 2000, Thurston County Commissioners authorized Lake Management District 15</a></p> <p>Sec. 8 formed the LLMD Steering Committee" to oversee the program &amp; assist in establishing budgets and work plans"</p> <p><a href="#">2004 - Long Lake Integrated Aquatic Vegetation Management Plan</a></p> <p><a href="#">Regular water quality monitoring; 2003-2005 TC Water Resources Monitoring Report (pages 193-217)</a></p> <p>June 2000 - WDFW Fish Study</p>
<p>LLMD #17 2005</p> <p><b>2005 - 2010</b></p>	<p>Primary Goal: Milfoil &amp; Weed Management</p> <p>Proposed Annual Assessment: \$190,000 with max. 5% inflation increases</p> <p>Rates: \$3.92/Lake front ft, \$45.80/Upland dwelling, \$0.72/Habitat Reserve foot</p> <p><a href="#">Ordinance 13439 on October 24, 2005, Thurston County Commissioners authorized Lake Management District 17</a></p> <p>Milfoil surveys and hand control</p> <p>Implement Lake Management Plan, with oversight of steering committee</p> <p><a href="#">Regular water quality monitoring; 2005-2007 TC Water Resources Monitoring Report (pages 201-220)</a></p> <p><a href="#">Regular water quality monitoring; 2007-2009 TC Water Resources Monitoring Report (pages 225-246)</a></p> <p>Outreach to decrease phosphorus loading</p>
<p>LLMD #19 2010</p> <p><b>2010 - 2015</b></p>	<p>Primary Goal: Milfoil &amp; Weed Management</p> <p>Proposed Annual Assessment: \$190,000 with max. 5% inflation increases</p> <p>Rates: \$3.92/Lake front ft, \$45.80/Upland dwelling, \$0.72/Habitat Reserve foot</p> <p><a href="#">Ordinance 14419 authorized LLMD # 19 on 10/14/2010 per Resolution 14354</a></p> <p>Milfoil surveys and hand control</p> <p>Implement Lake Management Plan, with oversight of steering committee</p> <p><a href="#">Regular water quality monitoring; 2009-2011 TC Water Resources Monitoring Report (pages 242-262)</a></p> <p>Outreach to decrease phosphorus loading</p>

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<p>LLMD #21 2015</p> <p><b>2015 - 2025</b></p>	<p>Primary Goal: Milfoil monitoring, Weed Management, alum treatments for algae</p> <p>Proposed Annual Assessment: \$175,000 with max. 5% inflation increases</p> <p>Rates: \$3.53/Lake front ft, \$41.22/Upland dwelling, \$0.65/Habitat Reserve foot</p> <p><a href="#">Ordinance 15171 authorized LLLMD # 21 on 8/25/2015 per Resolution 15144</a></p> <p><a href="#">LLLMD #21 exists for 10 years, 1/1/2016-12/31/2025 with 2021 &amp; 2022 rates increased as amended on December 18, 2020</a></p> <p>Transition from lilly harvesting to herbicide treatments in select areas</p> <p>Long Lake opened for year-round fishing</p> <p><a href="#">2017 Vegetation Control Areas</a></p> <p><a href="#">Water quality testing regularly completed by County staff</a></p> <p><a href="#">2017 Long Lake Water Quality Report</a></p> <p><a href="#">2018 Long Lake Water Quality Report</a></p> <p><a href="#">2019 Long Lake Water Quality Report</a></p> <p>2021 Spring alum treatment to aid water clarity</p> <p>2022 weed harvesting in Loma Canal prior to July "fish timing window"</p> <p>2022 bouy replacement &amp; maintenance by LLMDSC volunteers &amp; County staff</p> <p>2022 WhatsUpLongLake.org website developed by LLMDSC volunteer</p> <p>2022 Aquathol herbicide treatment for submerged weeds mid-August, late in the growing season</p> <p>2022 Phoslock phosphorus mitigation in deep water but not in shallow water due to administrative mix-up by County Public Works</p> <p><a href="#">Consider LMD organization alternative options such as, but not limited to, forming a self-governing Special District per RCW 85.38</a></p>
<p>LLMD #</p> <p><b>2025 -</b></p>	<p>Primary Goal:</p> <p>Major activity</p> <p>Major activity</p>