

Small Lakes Management Program –2003 Status (January-December 2002)

FTE's 2.7

Lake/Program	Action	Status
<i>Beaver Lake</i>	Management plan	The Beaver Lake Management District No. 1 was reformed in 2002 and monitoring activities under the new LMD began in late 2002, following interim monitoring. King County is acting as technical lead for the city of Sammamish under an ILA to accomplish the monitoring activities.
<i>Cottage Lake</i>	Management plan	Plan completed in 1996. Some discussion of a lake management district formation occurred to fund prioritized management plan recommendations, but no action has yet been taken. Manure management effectiveness on inlet streams will be assessed in 2003.
<i>Lake Desire</i>	Management plan	Plan completed in 1995. King County completed an agreement with a land developer in the watershed to fund construction of an in-lake aeration system. Because community support was absent, the funds were used to restore a headwater wetland (LCR14) in 2002. Monitoring of restoration effectiveness will occur in 2003-2004.
<i>Lake Killarney</i>	IAVMP	Plan was completed 3/97. The Lake Killarney Improvement Association continues to manage weed problems on an as-needed basis.
<i>Lake Lucerne/Pipe Lake</i>	<i>Hydrilla</i> eradication	Year 8 eradication activities managed by King County were completed in 2002. The Cities of Maple Valley and Covington became implementing jurisdictions effective 9/97. The cities extended their agreement with King County for ongoing monitoring, management, and restoration activities through 2003 and currently, discussion on further work is underway since <i>Hydrilla</i> continues to appear in the lakes each year.
<i>Lake Sawyer</i>	Management plan	Final plan was completed in July 2000, but further plan implementation responsibilities have shifted to Black Diamond, the local jurisdiction.
<i>Spring Lake</i>	IAVMP	The plan to eradicate 4 different noxious weeds from the lake was completed late in 2002, and Washington Ecology has funded the application for help with implementation. Efforts will begin in May 2003.

Small Lakes Management Program –2001 Status (cont.)

Lake/Program	Action	Status
<i>Lake Twelve</i>	IAVMP	Milfoil eradication was completed in 1996. Water lily control was completed in summer 1998. Divers surveyed and pulled new milfoil plants in the summer of 1999. The King County Regional Milfoil Plan identifies Lake Twelve as heavily re-infested with milfoil as of the summer of 2001. No new strategies for control have been investigated.
<i>Lake Wilderness</i>	IAVMP	Integrated aquatic plant management plan was completed 5/97 by King County. The City of Maple Valley became the implementing jurisdiction effective 9/97. The Lake Wilderness Implementation Committee received grant funding and completed forming a LMD in 1998 to implement the 10-year management plan. The City of Maple Valley continues to be the lead agency for plan implementation, but has asked King County to provide some technical advice under a Technical Services Agreement for evaluating and updating the plan.

Small Lakes Management Program –2001 Status (cont.)

Lake/Program	Action	Status
County-Wide Aquatic Plant Management	Test aquatic plant control techniques	Crary Weedroller project was completed 12/96.
	Survey for aquatic plants and development of long-term management strategies	Aquatic Plant Mapping project was completed 12/96. Recommendations included the development of a noxious weed identification and volunteer monitoring program.
	Noxious Aquatic Weed Identification and Training Program	Identification materials were completed and 15 lakes were surveyed by volunteers during the two-year weed survey program completed in 6/2000. The KC Noxious Weeds Board contracted with the County to conduct an aerial survey mapping project of 5 lakes that had not been inventoried to date for aquatic plants, completed 12/99. Identification cards created as part of the volunteer program are currently being used to train new volunteers for milfoil patrols on lakes throughout the county
	Regional Milfoil Management Plan	Diver surveys for milfoil infestations were carried out on 38 lakes in King County. Potential directions for programs on lakes with milfoil infestations are evaluated and various management strategies are assessed in the report published late in 2002.
Lake Stewardship	Public Involvement and Education	Ongoing--Lake Stewardship video 'Lakeside Living' was completed in 1998. Website for the small lakes program developed and maintained regularly.
	Technical assistance	Ongoing upon request from citizens, agencies and jurisdictions
	Volunteer monitoring	Ongoing—volunteers for 50 lakes participated in the monitoring program during 2002. The 1998 Lake Monitoring Report was completed in October 1999. The 1999 report was completed in March 2001. The 2000 report was issued March 2002, and the 2001 report was issued December 2002. The 2002 report is scheduled for issue in July 2003.
	Trend Analysis Report	A comprehensive look at trends in water quality over time in the small lakes monitored in King County included a statistically significant trend analysis of long term data for 23 lakes and a qualitative assessment for 28 lakes with shorter records. The report was published November 2001.