

2018 – 2020 Budget: See attached, “Upper Long Lake Management Committee 2017 & 2018 Actual + 2018, 2019 and 2020 Budget”. The major differences between the 2019 Budget and the 2018 actual are show in the following table.

Description	2018 Actual	2019 Budget	Difference (less)	Comment
Total	\$122,272.06	\$108,274	(\$13,998)	
ULLE ramp repair	\$18,095	\$0	(\$18,095)	Ramp repaired
Canal Harvest	\$5,000	\$15,000	\$10,000	Shores did chemicals
Chemicals	\$5,087.50	\$1,000	(\$4,087)	Shores did chemicals
Legal expenses	\$7,757.13	\$3,000	(\$4,757)	Aeration issues.

We discussed the major changes and agreed with the new budget knowing that we cannot change the budget because the fees have already been approved by the Lake Board. The plan describes what we will be doing and it is basically what we have been doing for many years. The drop in the SAD fee was noticed and welcomed.

Upper Long Lake Management Committee 2017 & 2018 Actual + 2018, 2019 and 2020 Budget

Plan	Description	2017 Actual	2018 Actual	2018 Budget	2019 Budget	2020 Budget
Weed Harvest Cuttings	3 Lake and Estates and Woods canals @ \$22,700 3 extra canal \$5,000/canal (2 Shores and 1 Estates) 6 Canal Grooming included during lake harvests \$0	\$73,200 \$10,000 \$5,000	\$68,100 \$5,000	\$68,100 \$15,000 \$0	\$68,100 \$15,000 \$0	\$68,100 \$15,000 \$0
Selective Chemical Treatments for algae in the canals and exotic submergent plants wherever. Lake cannot be treated for algae. Treat at least 19 sites for phragmites	Filamentous algae in canals. Selected lake weed treatment Chemical in canal for weeds / algae. Annual Permit Fee. Phragmites control in wetlands. Wetland permit from West Bloomfield	\$0 \$0 \$0 \$0 \$4,600 0	\$5,087.50 \$800 \$5,856.90	\$0 0 \$1,000 \$800 \$4,600 0	\$0 0 \$1,000 \$800 \$4,600 0	\$0 0 \$1,000 \$800 \$4,600 0
Goose Roundup	Egg removal program and roundup.	\$1,020	\$1,060	\$1,100	\$1,100	\$1,100
ML&SA CLMP E-Coli Study Water contamination	CLMP Join in 2018. Oakland County to pay fees. E-coli fees at Oak Cty. Health Dept. Water contamination benchmark Hiring a consultant for lake analysis, 2 meetings, show trends and meet MDEQ aeration reqts.	\$0 \$0 \$0 \$6,000	\$3,000	\$0 \$200 \$200 \$6,000	\$200 \$200 \$0 \$6,000	\$200 \$200 \$200 \$6,000
Zebra Mussel Testing	Monitor. They reduced in 2017					
Fishing	Fish safety for human consumption	\$0		\$0	\$0	\$0
Safety	Provide safety laws and rules to boaters unfamiliar with them.	\$0		\$0	\$0	\$0
ULLE launch site.	Board's 1/3 share of driveway repair. One time cost.	\$11,953.13	\$18,095.12	\$18,578	0	0
Watershed lawn care	Be more proactive					
Lake access issues	Encourage subdivisions to monitor.					
Waterway between lakes	Permanent solution for sign that is vandal proof. Lower Long Lake paid in 2015.	\$0		\$0	\$0	\$0
Watershed plan	Try to resurrect FLOW group.	0		0	0	0
Join MLSA	Join as a lake group. Send reps. to ML&SA annual meeting	\$220 \$2,189.28	\$220 \$1,761.08	\$220 \$2,200	\$220 \$2,200	\$220 \$2,200
Join Friends of the Rouge	Did a fish study in 2017. Join to encourage more studies.	\$0	\$100	\$150	\$150	\$150
Riparian magazine	Subscribe to Riparian for each committee member	\$360	\$372	\$400	\$400	\$400
Pay ULLE Lot 64 assessment	Pay SAD 288 Assessment	\$593.52		\$615	\$554	\$556
Launch fees for Mallard Court	\$100 per use. 5 units 3 times per season, in and out.	\$1,700	\$4,600	\$3,000	\$3,000	\$3,000
Insurance	Insurance by member's subdivision	0		0	0	0
Weir Issues	Privately owner weir repaired in 2008. Maintained in 2016. No need in 2017, but plan \$250 semi-annually..	\$0		\$250	\$0	\$250
Mailing, legal and administrative	Mailing and administrative costs Legal fees associated with our SAD	\$1,749.87 \$2,698.60	\$662.33 \$7,757.13	\$1750 \$3000	\$1750 \$3000	\$1750 \$3000
Dredging	Estates dredging tabled. ULLE investigation alternatives.	0		0	0	0
Web site	Continue development.	\$0		\$0	\$0	\$0

Legal expense for Heron Bay easement	Heron Bay and Turtle Lake riparian out lot does not appear to have an owner or parcel number.	\$0		\$500	\$0	\$0
Drafting easement attachments	47 easements are needed for aeration. Letter and attachments required. Cannot be done in this SAD.	\$0		\$0	\$0	\$0
Subtotal		\$121,284.40	\$122,272.06	\$127,663	\$108,274	\$108,726
Manage SAD contingency fund	Nov 2016 (about \$70,000). Should be 10-15% per statutory reqt's. Anticipate possible aeration project in 2017 and it will need about \$70,000.	\$0		\$0	\$0	\$0
Contingency	To cover unforeseen expenses.	\$0		\$0	\$0	\$0
TOTAL		\$121,284.40	\$122,272.06	\$127,663	\$108,274	\$108,726
Anticipated ASSESSMENT	Riparian fee (Off lake fee is 25% of riparian fee)	\$598.22	\$603.10	\$621.37	\$553.78	\$556.01

The calculation of assessments is based on 202.74 benefits. 166 riparian lots are assessed one benefit. 143 access lots are assessed one-quarter benefit. Three access lots are assessed at 1/3 of a benefit equaling one benefit. Access lot fees are \$155.34 for 2018, \$138.45 for 2019 and \$139.00 for 2020.

Upper Long Lake Management Committee 2018, 2019 and 2020 Plan

Year 2018, 2019 and 2020 Management Method	Rational	2018 ,2019 and 2010 Detailed Plan
Weed Harvest Cuttings. Average about 1000 tons total for three lake harvests and canal special harvests.	Lake weeds grow to surface in about 6 weeks. ULLE canal grows faster due to low water.	Three lake/canal harvests. Harvesting (approximate) dates late May early July and late August. Shores needs 2 harvests and either Woods or Estates need one. Canal trimming, included in lake harvest.
Selective Chemical Treatments for algae in the canals and exotic submergent plants wherever. Lake cannot be treated for algae. Treat phragmites in 19 sites	Selected areas may need attention. Phragmites still a problem. Major milfoil outbreak controlled due to cold winter. Canals need periodic treatment for filamentous algae.	Copper Sulfate for filamentous algae in canals. Selected lake/canal weed treatment for exotics only. Monitor mixed feedback (pro vs. anti chemical). Subdivision canal contacts are: Mike West for Estates, Dennis Park and Hamid Banooni for the Shores and Steve George for Woods. Phragmites to be controlled this year and years to come.
Goose nest control and roundup	Geese sometimes reach problem proportions.	Continue egg removal and roundup. 49 eggs removed in 2017. 36 geese rounded up. We expect more in 2018,2019 and 2020.
Water Testing/consultant Study. Including CLMP, e-coli testing, water contamination and complete lake analysis using independent consultant.	ULLE required study to evaluate alternatives to harvesting was done in 2014. Aeration recommended. Aeration requires thorough lake and water quality testing before implementation.	Volunteers to take Secchi disc readings. Lake Management to join MLSA Cooperative Lakes Monitoring Program. Conduct e-coli testing for 3 swimming areas (volunteers needed). Water contamination benchmark for potential issues related to fracking. Hire consultant to do complete lake analysis and to create benchmarks. Consultant to do water quality testing, plant map, conduct a meeting with Lake Board and Lake Mgt Committee.
Zebra Mussel Testing	Imported on hoist 2009. Found one in 2012. Few on ski course 2013/4. Big problem in 2015. Fewer in 2016 and 2017.	Continue to monitor, since there has been a major outbreak. Research anti zebra paints and lake treatments. Asian clams found in 2014 at one site. Monitor and report in 2018,2019 and 2020.
Fishing	2001 study available. Several residents asked if our fish are safe to eat.	Research for a consultant for resident funded study. Residents are encouraged to visit our website to review the 2011-2012 Michigan Fish Advisory . Our site is www.upperlonglake.com .
Safety. Sheriff monitored lake in 2017. Subdivisions to consider future funding.	Periodic reports of unauthorized boats on lake and unsafe driving. Rules updated in 2016.	Periodic reminders by concerned boaters help keep it safe for everyone. To provide water safety class information in annual mailing. Copies of new rules to be available for distribution.
ULLE's launch site.	South ramp and road need repairing.	Lake Board is responsible for 75% of ramp cost or \$16,228. Deposit paid in 2017. LB responsible for 33.3% or \$2,350 for road repair. Section 9 of ULLE MOU specifies Lake Board's share.
Watershed lawn care	Nitrogen and Phosphorus readings are high.	Be more proactive. Get a clear message out to all in watershed. Encourage enforcement of township fertilizer ordinance.
Lake access issues	Agreements in place for all subdivisions to allow legal	Committee to continue to monitor issue. Subdivisions to enforce access rules. Shores and Wabeek lake boaters may have clearance

	access to the lake.	issues with bridge. Affected residents to contact Estates or Woods.
Channel between lakes	Shallow water is a concern.	Harvest between lakes during high water. New sign in 2015.
Watershed plan	FLOW committee is inactive.	Try to reactivate FLOW group.
Join MLSA	Whole lake is enrolled.	Join as a group. Send several representatives to annual conference.
Join Friends of the Rouge	FOTR did fish study in 2017.	Join to encourage more studies and share data.
Riparian Magazine	Good information	Subscribe for all management committee representatives.
Pay Estate's ramp SAD fee.	"Agreement" requires fees.	Lake Board is to pay Lot 64 SAD 288 assessment fee.
Pay harvester access fees at Wood's ramp.	Wood's subdivision now charges fees per usage.	Launch fee is \$100 per launch (either in or out). We harvest three times a year with 4 harvesters and a transporter.
Investigate insurance for committee.	Litigation issues in several subdivisions.	Research so far has not discovered insurance for volunteer committee members. Recommend individual umbrella coverage.
Weir issues	Weir repaired in 2008. Maintenance done in 2016.	Privately owned weir. Maintained in late 2016. Next scheduled for 2018 and 2020. Semi annually thereafter.
Mailing, legal and admin.	Legal costs may be high due to pending aeration project..	SAD to pay for mailing, newspaper announcements, legal fees and administrative expenses. Increasing in 2018 due to aeration issues.
Dredging	Shores and Woods complete. Estates tabled.	SAD not allowed to contribute. Estates project tabled at Lake Board. Estates investigating through subdivision..
Web site	www.upperlonglake.com	Develop web site and consolidate more data. Count hits in 2018.
Legal expense for Heron Bay riparian parcel	Heron Bay and Turtle Lake riparian parcel owner unknown.	Research the parcel to determine who is owner or not. Then include parcel in easement documentation.
Drafting 47 easement documents	Easement letter and attachments are required for aeration.	Since it cannot be funded by this SAD budget, we will have to wait until the aeration SAD is approved. Lake Board to discuss options.
Annual fees	Estates ramp/road costs are new for 2017 and 2018.	Fees in 2018 are more than 2017 due to the Estates ramp/ road repair which are one time fees. 2019 and 2020 are less.