

A scenic view of Lake Lawrence. In the background, a large, snow-capped mountain rises above a dense forest of evergreen trees. The lake's surface is calm, reflecting the sky and the surrounding landscape. On the left side of the lake, there is a small wooden dock with a covered area. In the lower right part of the lake, a small boat with two people is visible. The sky is a pale blue with some light clouds.

Lake Lawrence Lake Management District In Person Meeting 15 October 2026 6:30-8:30 p.m.

AGENDA for 15 October 2026 LMD Meeting

- **Call to Order**
 - Introductions
 - Approval of Agenda
- Approval of 16 July 2026 Meeting Minutes
- **Public Communications**
- **Recurring/Continued Business:**
- Budget
 - 2026 Budget as of September 2026 - Janice
 - Work Orders/Purchases/Invoices – Janice
- Water/Temp Measurements – Frank
 - Floating Island Update
- Senate Bill S-3518.1 update – Barry
- **Old Business:**
- 2027-2028 Bi-Annual Budget & Work Plan update – Barry/Janice
- OST Review/Update - Barry
- Test Equipment Update – Barry
- Water Testing Lab & Shipping Costs Update - Barry
- Toxic Algae Update - Barry
- GRANT Funding update – Kim Farnes
- Annual Meeting After Action Review
- Phosphorus RFP – Barry
- **New Business:**
- 2027 LMD Invasive/Nuisance Aquatic Weed/FWL/YFI Treatment Plan – Barry
- Phosphorus treatment Plan – Barry
- Water Quality Monitoring Team Test Results
- 2027 Meetings, Lake Monitoring, & Survey Dates – For Approval
- August Lake Survey Details
- 2026-2027 LMD Annual Report – For Approval
- Geese Removal Discussion
- **Other Business:**
- **Good of the Order**
- **Adjourn**

Call to Order

- Introductions/Roll Call/Attendance
- Approval of 15 October 2026 Agenda
 - MOTION:
- Approval of 16 July 2026 Meeting Minutes
 - MOTION:

Public Communications

- Please mute yourself until you are recognized to speak.
- Please Choose the “raise your hand” option to address the committee. You will be promoted to a panelist when it is your turn to speak and be seen. To be seen, please turn on your camera. If you are dialing in, press *9 to “raise your hand.” Make sure you also choose *6 to unmute yourself.
- After you have made your comments please mute yourself.

Recurring/Continued Business

- Budget – Janice Leitzke
 - 2026 Budget as of end of September 2026
 - Work Orders/Purchases/Invoices

NOTE:

- Long Lake is currently working on a 5-year RFP for \$1.2 Million for phosphorus mitigation maintenance beginning in 2027. The previous 5-years they have spent approximately \$1.5 Million on ALUM and EutroSORB G applications.
- We just completed our RFP/Contract process for a 5-year at \$700k for initial treatment program using Zero Valent Iron (ZVI).

Lake Lawrence Management District
Financial Report

	2026 Budget	YTD 10/10/2026	2026 Variance	2026 Notes
REVENUE				
Penalties - Operating Assessment		378	378	Per Thurston County thru 6/30/2026
Investment Earnings		8,430	8,430	Per Thurston County thru 6/30/2026
Operating Assessment Charges	118,000	79,264	(38,736)	Per Thurston County thru 6/30/2026
Miscellaneous		5	5	Per Thurston County thru 6/30/2026
Algae Grant	25,000	41,017	16,017	
TOTAL REVENUE	143,000	129,094	(13,906)	
EXPENSES				
Administrative Rate at 5%	5,900	2,616	3,284	Per Thurston County thru 6/30/2026
Nuisance Weed Program	80,000	68,488	11,512	34 acres for \$63,346, APAM permits
Algae Mitigation	210,000		210,000	No expenditures expected in 2026
Cyanobacteria Mgmt Plan (CMP)	60,000	22,102	37,898	Herrera Contract of \$93,287 pd in full
Yellow Flag Iris	1,500	1,500	-	
Lily Treatment	3,500		3,500	Not recommended for 2026
Nutrient Testing	15,000	40	14,960	1 Ecoli test
Prof Svcs - Advertising	1,100	(93)	1,193	\$144 2023 reimb., \$50 Phos Mgt RFP Ad
Total Professional Services	371,100	92,036	279,064	
Supplies	125	1,046	(921)	Shallow water signs \$1,046
Annual Meeting and Picnic	500		500	
Small Tools & Minor Equip	300		300	CMP testing equip paid by Donors
Communications (Mailers)	1,290	272	1,018	\$272 Treatment notice
Operating Leases/Rentals (LLCC)	60		60	
Website & admin technology	400		400	
Misc.	5,000	2,812	2,188	Renewal Expenses
Total Supplies & Operating Expenses	7,675	4,130	3,545	
TOTAL EXPENSES	384,675	98,782	285,893	
NET (Revenue-Expenses)	(241,675)	30,312	271,987	
Beginning Fund Balance		431,246		
Ending Fund Balance		461,558		

Lake Lawrence Management District
Details of Financial Report

Expense Detail				
Date	Amount	Account	Payee	Notes
Prior Year	\$ (143.52)	Advertising	Correction for 2024	50% RFP ad in Dec 2023 s/b coded to L
12/5/2025	\$ 55.52	Renewal	Barry Halverson	2 books of stamps and 4 certified Letters
1/5/2026	\$ 317.20	Renewal	CR Publishing #307914	AD#136069 for Jan 8 and 15th
2/13/2026	\$ 6,091.33	CMP C-02	Herrera #61460	Jan 1-30 2026
2/13/2026	\$ 191.99	CMP D-03	Herrera #61460	Jan 1-30 2026
3/4/2026	\$ 1,072.82	Renewal	Nisqually Print, #NPNP3080	Mailing Ballots - Postage \$305.55, Labor \$126, Envelopes \$393.82, Paper \$156.17, Tax 91.28
3/1/2026	\$ 136.74	Permits	Dept of Ecology	APAM Fee \$136.74 (1/4 of \$500 permit+16.96 Processing fee for 2026
3/20/2026	\$ 4,930.30	CMP C-01	Herrera #61780	Jan 31,-Feb 27, 2026
3/20/2026	\$ 250.92	CMP D-03	Herrera #61780	Jan 31,-Feb 27, 2026
3/31/2026	\$ 560.81	TC Admin		Q1 2026
4/14/2026	\$ 271.99	Treatment notice	Nisqually Print, #NPNP3491	165 - stamps \$128.70, handouts 89.10, Labor 42, tax 12.19
4/9/2026	\$ 108.55	Renewal	C T Publishing, Inv 309440	Notice of Adoption 4/9
4/22/2026	\$ 1,046.00	Supplies	Barry Halverson	Concrete Mix \$36.69, 3 shallow water Signs \$49.24, 6 mill 4x8 signs \$961.07
4/20/2026	\$ 164.45	Renewal	Nisqually News, #137016	Notice of Public Hearing
5/1/2026	\$ 748.74	Renewal	Nisqually Post & Print NPNP356	642 letters: paper \$147.66+postage\$288.90, Envelopes \$186.18, Labor \$126
5/1/2026	\$ 344.50	Renewal	C T Publishing, Inv 310012	2 public notices re rate hearing
5/6/2026	\$ 30,888.31	Aquatic Vegetation	AquaTechnex #21130	#1 SonarONE
6/5/2026	\$ 1,500.00	YFI	NW Aquatic	Inv 1671 for \$3,500, LLMD portion \$1,500
6/15/2026	\$ 37,321.79	Aquatic Vegetation	AquaTechnex #21343	#2 & 3 SonarONE
6/25/2026	\$ 10,150.43	CMP C-02	Herrera #62017R	Final Invoice
6/25/2026	\$ 117.85	CMP C-03	Herrera #62017R	Final Invoice
6/25/2026	\$ 368.77	CMP D-03	Herrera #62017R	Final Invoice
6/30/2026	\$ 2,055.16	TC Admin		Q2 2026
7/21/2026	\$ 50.05	Advertising	Nisqually Valley News #312556	RFP request, Phosphorus mgmt
7/23/2026	\$ 141.25	APAM fee	Dept of Ecology	7/1/2026-6/30/2027 (1/4 of \$565)
10/7/2026	\$ 40.00		TC Public Health & SS	Ecoli Test 8/18/2026
	\$ 98,781.95	Total Expenses per LLMD Financial report		
	\$ 87.78	Less items submitted but not confirmed by Thurston County		
	\$ 98,694.17	Total Expenses confirmed by Thurston County Q1 \$98,694.17		

10/16/2026

Work Orders/Invoices

1. Notice of RFP in local Paper. Estimated cost is \$300. Actual cost was **\$50.05.**
2. Annual Meeting (Budgeted \$500) Actual expenses \$210.20
3. Administrative Supply Invoices
 - Office Supplies (Budgeted \$125):
 - Stamps \$32.80 Copy Paper \$36.99 TOTAL: \$69 79
 - Website Technology - Budgeted \$400
 - Google Play (100GB (Google One) – Storage Subscription - \$21.89/Year
 - Microsoft Software - \$14.38/Month x 12 = \$172.56
 - Website – Renewal Cost \$740.77 for 3 years - past 3 years it was \$369.70 – May be able to get costs cut, but don't know until we get ready to renew?
 - Domain Name – Renewal Cost \$101.43 for 3 years – past 3 years was \$64.05.
 - Rental of lower lodge (Budgeted \$60) – Cost \$60.

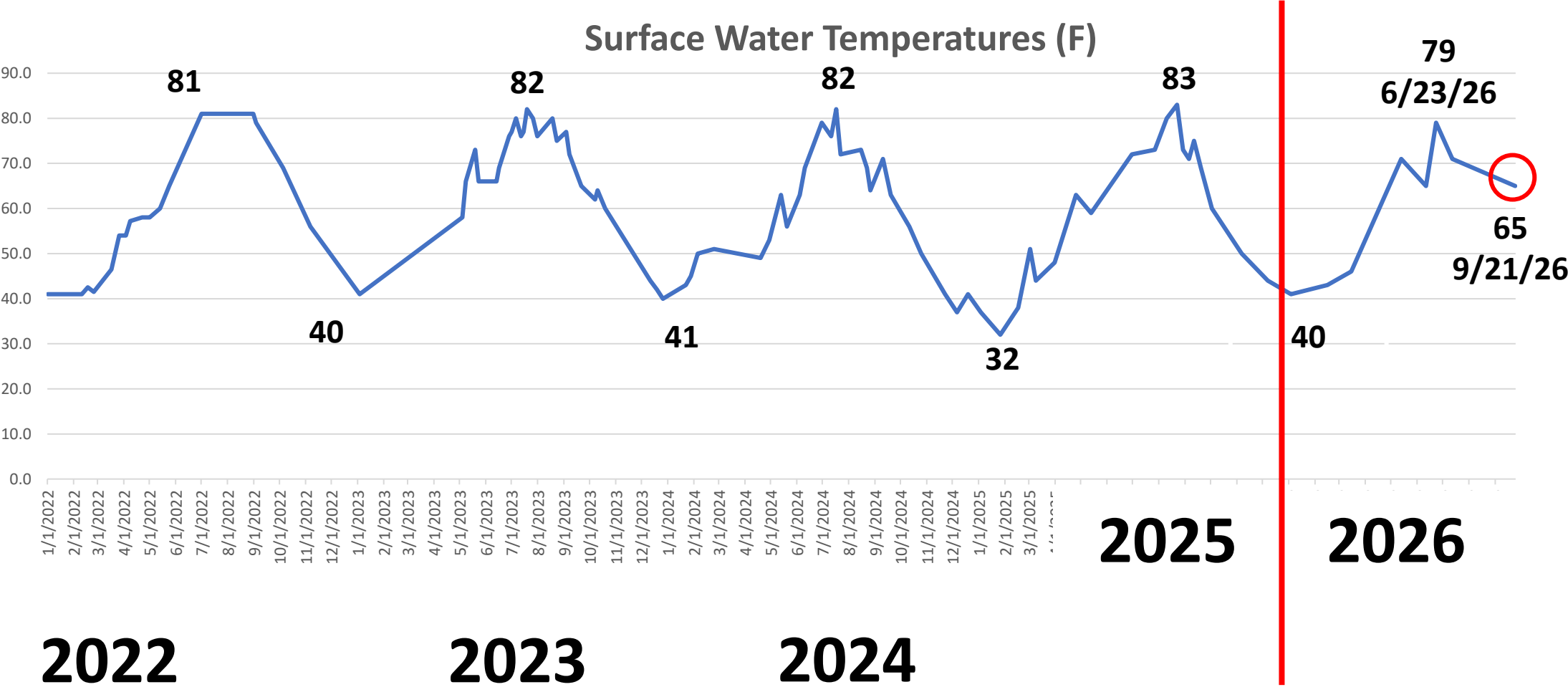
MOTION TO APPROVE UP TO \$1,300 FOR ANNUAL MEETING AND ADMINISTRATIVE EXPENSES FOR 2027 WITH WEBSITE AND DOMAIN NAME COSTS BEING FOR THREE YEARS – ALL OTHERS ANNUAL EXPENSES

WHEN CONTRACTS ARE REQUIRED

WORK ORDER For jobs < \$10k	REQUEST FOR QUOTATIONS For jobs >\$10k - \$50k	REQUEST FOR PROPOSALS For jobs >\$50k
Draft a Work Order which includes a budget	PHSS issues a request for quotations drafted by the LMD. Obtains minimum 3 bids, if possible	A formal RFP is required. LMD drafts RFP for approval by PHSS. PHSS issues RFP; PHSS & LMD score the proposals and award the contract
Signature blocks are required on the work order for both the vendor and the Environmental Health Div Manager (Season Long)	PHSS Director must approve the vendor choice (lowest responsive bidder) and sign the contract (Director Freiheit)	Formal BoCC approval process
	The RFQ process cannot be skirted by breaking up work into \$10, or less allotments	

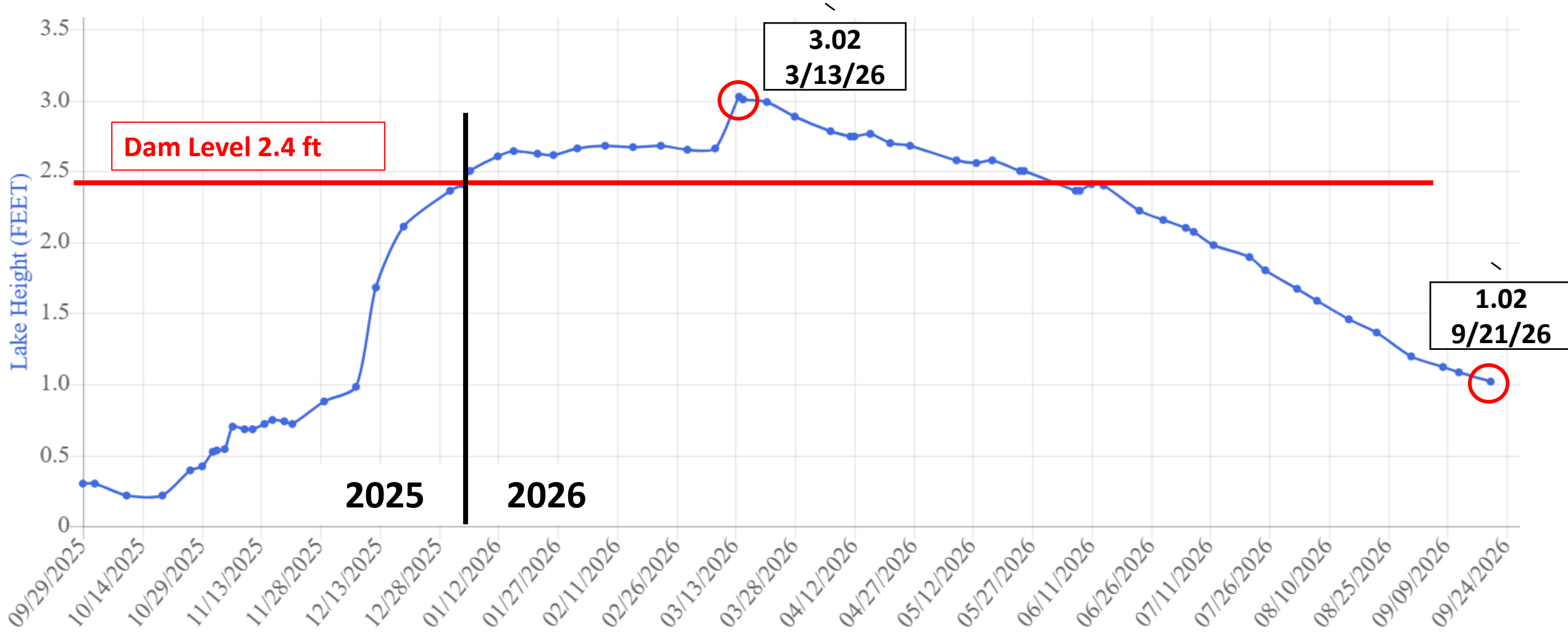
Lawrence Lake Surface Water Temperatures

(LAW 2: West Basin near HOA Park)



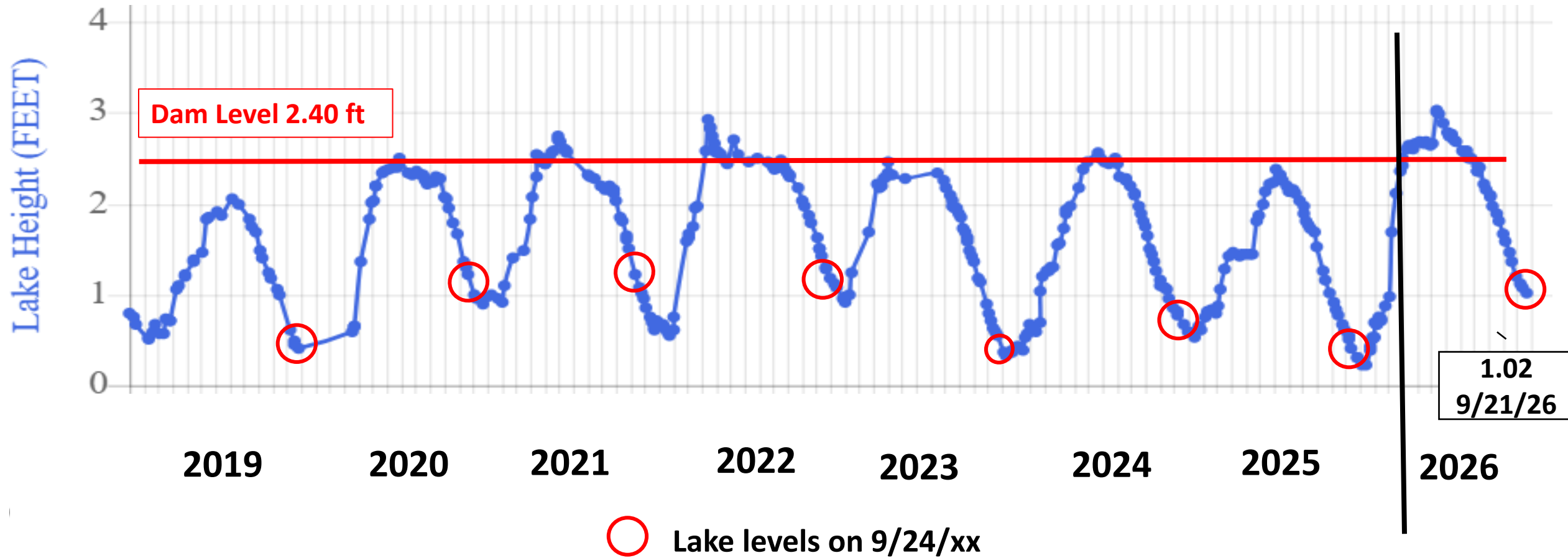
Lawrence Lake Water Surface Level LAW 2

ref: <https://liquidearthlake.website/gauge/scaleddetailsony/47>



Lawrence Lake Water Surface Level

ref: <https://liquidearthlake.website/gauge/scaledetailsall/47>



Senate Bill S-5638 Update (Continued)

- 2 Apr 26 – Rec'd email from WALPA - DRAFT Bill perspective paper/review sent to all parties (City/Counties; DFW; LMDs) with 5 May suspense. WALPA to coordinate actions with city/counties and DFW. Barry to coordinate with LMDs.
- 3 Apr 26 – Barry sent email/information to all State LMDs with recommended changes to perspective paper.
- 5 May 26 – Rec'd responses from LMDs and forwarded to WALPA.
- 28 May 26 – Sent follow-up email to all State LMDs requesting any final recommendations & requesting they talk with their county/city LMD leads.
- 16 July 26 – Just finished this JOINT MEETING with all concerned earlier today:
 - WALPA/LMD/LMD County/City Managers/WDFW
- 20 Aug 26 – Met with WALPA Legislative Committee to refine bill wording.

Senate Bill S-5638 Update (Continued)

- 26 Aug 26 – Met with Rep Doglio to discuss bill.
- 30 Aug 26 – Draft bill submitted to Karen Epps, Senator Lovelett's office
- 14 Sep 26 – Rec'd email from Senator Brauns office (Ruth, Sr Leg Aide) that he will meet with us after the 3 Nov election and if he is elected to the U.S. House he will provide a transition to whomever takes his place as GOP Minority Leader.
- 17 Sep 26 – Met with Rep Orcutt to discuss bill.
- 23 Sep 26 – DRAFT Bill provided to LMDs for review/comment
- 20 Oct 26 – Have meeting with Sen Goehner to discuss bill – he is on the Senate Local Government Committee that will hear the bill.
- 23 Oct 26 – Have meeting with Rep Abbarno to discuss bill.
- 26 Oct 26 – Have meeting with Representative Barkis to discuss Bill.
- Working on meetings with Rep Marshall, and Senators Torres, McCune, and Retired Senator Karen Fraser

OLD BUSINESS

2027-2028 Bi-Annual Budget

- ★ G • Draft Budget compiled by SC Budget & SC Chair
- ★ G • 6 July 2026 Draft Budget emailed to all SC members for review
- ★ G • Draft Budget approved by SC 16 July 2026
- ★ G • Bi-Annual Budget submitted to County EH 30 July 2026
- ★ G • County EH/Budget Lead review/approve budget
- ★ G • County EH/Budget Lead submit bi-annual budget to County for approval.
 - Nov/Dec 2026 – BoCC approves bi-annual budget_



G = Green = Completed On Time



Y = Yellow = Late – Program
Jeopardized



R = Red = Mission Fail

Lake Lawrence Management District
2027 and 2028 Budgets

	2027	2028
REVENUE		
Operating Assessment Charges	\$ 191,500	\$ 191,500
Other - Interest, penalties, etc.	8,500	8,500
TOTAL REVENUE	200,000	200,000
EXPENSES		
Professional Services		
Aquatic Weed Treatment	\$ 70,000	\$ 70,000
White Fragrant Water Lily Treatment	4,500	4,500
Yellow Flag Iris Treatment	1,500	1,500
Cyanobacteria/Algae Treatment	350,000	120,000
Nutrient Testing	8,500	8,500
Advertising	300	300
Total Professional Services	434,800	204,800
County Administrative Rate at 5%	10,000	10,000
Miscellaneous		
Annual Member Meeting	500	500
Website	200	200
Total Miscellaneous	700	700
Supplies and Operating Expenses		
Office Supplies	125	125
Tools & Equipment	1,000	1,000
Total Supplies & Operating Expenses	1,125	1,125
Communication Expense		
Annual Education Postcards	710	710
Weed Treatment Notifications Cards	600	600
Meeting Room Rental (Community Club)	60	60
Total Communication Expense	1,370	1,370
Total Non Professional Services Expenses	\$ 13,195	\$ 13,195
TOTAL EXPENSES	447,995	217,995
NET (Revenue-Expenses)	\$ (247,995)	\$ (17,995)
Estimated Beginning Fund Balance	475,000	227,005
Estimated Ending Fund Balance	\$ 227,005	\$ 209,010

OST/Nanobubble REVIEW/UPDATE

Oxygenation Saturation Technology Concerns

- **Risk of shock** – GFCI breakers on all 3-Phase pumps. A 3-phase Ground Fault Circuit Interrupter (GFCI) prevents electric shock in water by constantly monitoring the current balance among all three phases. If a leakage current occurs (e.g., electricity traveling through water to ground), it detects a tiny imbalance – typically 20 mA or less – and cuts power within 1/40th of a second.
- **Noise** –
 - The Compressor has a noise rating of 67 dba.
 - The Generator has a noise rating of 72 dba.
 - For comparison, a 3 Hp exhaust fan has a noise rating of 80-90 dba.
 - Further noise dampening by insulating the exhaust hood and creating a 90-degree turn.
- **How do we ensure it does not sink into bottom of lake?**
- **Excess condensation from compressor/equipment (up to 2 gals an hr) requires drainage to septic/sewer due to concerns over National Pollution Discharge Elimination System (NPDES). See note from Clarity Resources Group 15 Sep.**

Updates (continued)

- 11 June 26 – Virtual meeting with Brianne Blackburn, Pierce County Water Resources LMD Program Manager and Program Lead for the OST System they are planning on deploying in Spanaway Lake. They are at 90% design.
 - During their final design review, they identified a problem with condensation in the compressor building resulting in 1-2 gallons of water an hour. This water is contaminated because it goes through a filtration system. It must be removed and cannot just go into a drain field. It must go into a septic system.
 - Pierce County is relooking design to hook up to a nearby sewer system.
 - Lake Lawrence would be required to install a septic system.
- 8 Sep 26 – Email exchange with Brianne Blackburn, Pierce County
 - They are finalizing design (again) with expectations to move forward with infrastructure construction and system installation in 2027.
 - The condensation issue came up during 90% design and was confirmed by manufacturer. Barry has reached out to manufacturer for clarification/context.
 - Does not know how it was determined condensation was contaminated and required septic system but will find out and get back to me.
 - No new issues identified.

Updates (continued)

- 15 Sep 26 – Rec'd email from Paul Gantzer, Clarity Systems (OST) providing a detailed letter from Herrera on the condensation issue. Basically, it is considered by WA State to be industrial/process wastewater as per WAC 173-240-020(8) and as such there are two option to manage it, 1) connect to sewer or 2) pull an individual State Waste Discharge permit (which can be more straightforward) from Ecology: Water quality permits – Washington State Department of Ecology.
- 16 Sep 26 – Still following up on other questions.

Moleaer Advancing Nanobubble Technology

Potential Option to OST

- 13 Oct 26 – Phone conversation with Andrew Luessenhop, – System being tested at Lake Elsinore, CA now. Good results. Maybe a good fit for Lake Lawrence.
 - Linking me up with the Lake Elsinore project manager
 - Looking at getting a brief 8-11 Dec 26 on this system at Lake Elsinore
- **A few notes on Moleaer Technology vs OST:**
- **Oxygen that keeps spreading:** nanobubbles stay suspended and keep releasing oxygen across the lake bottom. OST pipes back water with oxygen dissolved into it
- **Ozone upgrade:** the O2/O3 models can add ozone for algae control. OST is oxygen only
- **Cost:** Cost installed per pound of oxygen delivered is less
- **O2 Supply:** uses ambient air and oxygen concentrators so no gas supply cost or tanks required
- **Similarities:**
 - Shore-based, with only intake and discharge lines in the water
 - Oxygenate the lake bottom without breaking up the cold bottom layer
 - Modular, so you can pilot first and add units
 - Complement alum and iron treatments rather than replacing them

How To Proceed?

- COA #4 Selected by SC on 14 May 2026 LMD Mtg with COA #5 to be considered if COA #4 does not work out
 - COA #4 - Use Iron (ZVI) – a natural mineral to mitigate near term Harmful Algae Blooms (HABs) and work to secure funding for OST over next 5 years
 - COA #5 - If COA 4 does not prove successful (either through sequestering blooms using ZVI or securing funding) move to COA 1
 - First application Feb/Mar 2027 (~\$300k)
- Secure OST funding through:
 - Ecology Grants – LMD submits for these
 - State Legislative Appropriation – Will BoCC support LMD initiative to petition State Legislature for \$2.7 M appropriation to fund this option over a three-year period?
 - Year One (\$220k) Study, Design, and Permitting
 - Year Two (\$280k) Construction of infrastructure and Procurement
 - Year Three (\$2.2m) Purchase and installation of equipment
 - Lake Association (501C3) – Donations from large corporate donors – need lead (Three members have stood up and volunteered for this board – would like 5)

**MOVE FORWARD NOW WITH ZVI TO GET HABs UNDER CONTROL AND
SIMULTANEOUSLY STUDY OST OVER NEXT 5 YEARS TO ENSURE OPERATIONAL
FEASIBILITY, RELIABILITY, AND EFFICACY.**

BETTER

BEST

GOOD

TESTING EQUIPMENT/COSTS FOR ZVI

If we do our own testing it will save us approximately \$8-10,000 per phosphorus application.

Would need this equipment by December 2026 to start testing January 2027. Some equipment requires lengthy lead times to obtain so would need to place order in July 2026. Looking at placing order next week to have equipment ready for 18 Aug Lake Survey if possible.

YSI xylem 1700/1725 Brannum Lane, Yellow Springs, OH 45387-1107 Email: ysi.info@xylem.com Phone: 1-877-726-0975			Fondriest Environmental, Inc., Website: www.fondriest.com/ysi-exo1 ; phone: 888-426-2151			Hanna Instruments (https://hannainst.com/) Tech Support: tech@hannaist.com		
Part #	Test Equipment	Cost	Part #	Test Equipment	Cost	Part #	Test Equipment	Cost
626870-2	ProDSS Handheld with GPS	\$2,982	599960	EXO handheld display	\$3,300	HI98494	Portable Multiparameter pH/EC/OPDO Meter with Bluetooth, Hardcase Field Kit and Calibration equipment and 10 Meter Cable	\$3,449.99
626910	ProDSS 4-Port Cable w/ shallow sensor 10 meter length	\$3,700	599501-01	EX01 multi-parameter quality sonde with 4 sensor ports, 10 m depth sensor	\$5,900		GPS	\$500.00
626900	ODO with pre-installed sensor cap	\$1,269	599100-01	EXO optical dissolved oxygen sensor	\$2,300.00		Not recommended	
626902	Conductivity and temperature	\$893.10	599870	EXO conductivity & temperature sensor	\$1,150			
626903	pH with pre-installed sensor module	\$570	577601	EXO guarded pH sensor	\$785			
626946	Large, hard-sided carrying case	\$521	599020-01	Case	\$680			
TOTAL:		\$9,935			\$14,115			
	Calibration Requirements			Calibration Requirements			Calibration Requirements	
060907	Conductivity calibrator , 1000 umhos/cm (8ea, pint)	\$184	060907	Conductivity calibrator , 1000 umhos/cm	\$184	HI7004C	pH 4 Calibration	\$18.99
603824	2 pints each of 4, 7, and 10 pH buffers	\$107	603824	2 pints each of 4, 7, and 10 pH buffers	\$107	HI7007C	pH 7 Calibration	\$18.99
						HI7010C	pH 10 Calibration	\$18.99
						HI9828-25	Quick Calibration Standard 500 mL Bottle	\$57.99
TOTAL:		\$291	TOTAL:		\$291			\$114.96
	Other Testing Equipment			Other Testing Equipment			Other Testing Equipment	
Wildco Instruments Wildlive Supply Company 86475 Gene Lasserne Blvd, Yulee, FL 32097 Website: www.wildco.com Phone: 800-799-8301			Wildco Instruments Wildlive Supply Company 86475 Gene Lasserne Blvd, Yulee, FL 32097 Website: www.wildco.com Phone: 800-799-8301			Wildco Instruments Wildlive Supply Company 86475 Gene Lasserne Blvd, Yulee, FL 32097 Website: www.wildco.com Phone: 800-799-8301		
UX-05486-00	Wildco 1510-C20 Kemmerer Water Sampler, 3 to 600' depth, Acrylic, 1.2L	\$778	UX-05486-00	Wildco 1510-C20 Kemmerer Water Sampler, 3 to 600' depth, Acrylic, 1.2L	\$778	UX-05486-00	Wildco 1510-C20 Kemmerer Water Sampler, 3 to 600' depth, Acrylic, 1.2L	\$778
	AMAZON.COM			AMAZON.COM			AMAZON.COM	
BUWUSMU	7.87 Inch Plastic Secchi Disk Set - With black and white quadrants, steel cone, holding line, and 30 meter tape measure for clarity measurements	\$26.99	BUWUSMU	7.87 Inch Plastic Secchi Disk Set - With black and white quadrants, steel cone, holding line, and 30 meter tape measure for clarity measurements	\$26.99	BUWUSMU	7.87 Inch Plastic Secchi Disk Set - With black and white quadrants, steel cone, holding line, and 30 meter tape measure for clarity measurements	\$26.99
	Honda 9.9hp Portable 4-Stroke Outboard Motor with fuel tank and fuel line	\$3,000		Honda 9.9hp Portable 4-Stroke Outboard Motor with fuel tank and fuel line	\$3,000		Honda 9.9hp Portable 4-Stroke Outboard Motor with fuel tank and fuel line	\$3,000
	Hanna Instruments (https://hannainst.com/) Tech Support: tech@hannaist.com			Hanna Instruments (https://hannainst.com/) Tech Support: tech@hannaist.com			Hanna Instruments (https://hannainst.com/) Tech Support: tech@hannaist.com	
HI97717C	Phosphate Photometer Kit (includes the CAL Check Standards) for the most economical option for testing	\$599.99	HI97717C	Phosphate Photometer Kit (includes the CAL Check Standards) for the most economical option for testing	\$599.99	HI97717C	Phosphate Photometer Kit (includes the CAL Check Standards) for the most economical option for testing	\$599.99
HI93717-01	Phosphate HR Reagents (100 Tests)	\$38.99	HI93717-01	Phosphate HR Reagents (100 Tests)	\$38.99	HI93717-01	Phosphate HR Reagents (100 Tests)	\$38.99
TOTALS (tax not included):		\$14,670.00	OR		\$19,140.97			\$8,623.88
	tax	\$1,394.00		tax	\$1,819.00		Tax	\$810.00
Totals including Tax		\$16,064.00			\$20,959.97			\$9,433.88

Low End = \$9,500 High End = \$21,000

FYI Only

10/16/2026

October 15, 2026 LMD In Person Meeting Slides

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ADDITIONAL TEST EQUIPMENT

DR 900 Multiparameter
Portable Colorimeter #
9385100 \$2,464+tax

- Requires PhosVer 3 Phosphate Reagent Powder Pillows, 10 mL, pk/100 \$56.69 + tax to do Soluable Reactive Phosphorus Testing – 95% accuracy as compared to certified labs.

DRB200 Digital Reactor
Block for TNTplus:
9x13mm vial wells, 2x20
mm vial wells, 115 VAC
\$2,421 + tax

- Required to utilize DR900 for testing of Total “P”
- Also requires Phosphorus Digestion Reagent Set \$107 + tax for approx. 100 tests.

NOT RECOMMENDED TO PURCHASE AT THIS TIME – LETS SEE HOW THE PHOTO METER WORKS FIRST



TEST EQUIPMENT UPDATE



- All test equipment has been purchased and paid for
- Equipment Costs = \$13,589.25
- Money Donations = \$13,589.25
- Equipment Donations
 - 12' Aluminum Lund Boat with all accessories
 - GPS
 - Styrofoam Coolers, Ice Packs, and shipping boxes

WATER TESTING SHIPPING COSTS

Water Sample Shipping Costs - Costs will vary depending on # of bottles in box - these costs were based on 6 bottles	Must be rec'd by to arrive by 4:30 pm next day	Size/Weight		NOTE
		9.5x9x9 / 5 lbs.	11.5x9.5x11"/8 lbs.	
		UPS Next Day Air		
Ship To Address: AM Test Inc., 13600 NE 1126th Place, Suite C, Kirkland, WA 98034				
UPS Store Yelm 1201 E. Yelm Ave., Ste 400 Yelm, WA 98597 Phone: 360-400-6245 Store Mgr: Sugit	3:30pm	\$75.86	\$86.00	Does establish accounts/invoice shipment - Vendor Info Form Attached
FEDEX Auth Shipper 1010 E. Yelm Ave. Ste C, Yelm, WA 98597 Phone: 360-960-8740 Store Mgr: Gabe	3:00pm	\$80.32	\$93.64	Does not have Accounts/Must pay cash for shipping at time of shipment
Nisqually Post & Print 12820 Yelm Hwy SE #C, Olympia, WA 98513 Phone: 360-810-8600	Non Responsive to request for bid			

Submitted 10 Sep 26
 WO# 17402026091006
 For Yelm UPS Store
 Duration: 1 Nov 26 – 31 Dec 31
 Amount: \$9,000
 22 Sep 26 – Approval/Signed By
 Environmental Health Division
 Director
 22 Sep 26 - Signed by UPS Store
 Owner

MOTION: Approve shipping costs for water samples not to exceed \$9,000 + taxes for 2026-2031

ZVI Water Testing Requirements/Cost (continued)

Table 7: Monitoring Schedule Summary for Iron Products

Frequency	pH, Temperature, Dissolved Oxygen, % Saturation	Nitrate (mg/L)	Total Iron (µg/L)
Pre-treatment	✓	✓	✓
Day after treatment	✓	✓	✓
1 month	✓	✓	✓
2 months	✓	✓	✓
3 months	✓	✓	✓

Pre-treatment must include a minimum of 3 samples within 3 months of treatment.

Tests Required:

3 Within 3 months prior to application = \$1,816.56

1 Day after application = \$605.52

1 Month after application = \$605.52

2 Months after application = \$605.52

3 Months after application = \$605.52

TOTAL:

\$4,238.64

Analyte	pH	Temp	DO	%DO Sat	Nitrate as N	Total Iron	SRP as "P"	0.45 Micron Filter For SRP	Tax
Location									
East Basin Middle of Epilimnion					\$36.00	\$30.00	\$67.00	\$10.00	\$13.60
East Basin Middle of Hypolimnion					\$36.00	\$30.00	\$67.00		\$12.64
West Basin Middle of Epilimnion					\$36.00	\$36.00	\$67.00		\$12.64
West Basin Middle of Hypolimnion					\$36.00	\$36.00	\$67.00		\$12.64
East Basin									
1 meter	x	x	x	x					
2 meters	x	x	x	x					
3 meters	x	x	x	x					
4 meters	x	x	x	x					
5 meters	x	x	x	x					
6 meters	x	x	x	x					
7 meters	x	x	x	x					
8 meters	x	x	x	x					
West Basin									
1 meter	x	x	x	x					
2 meters	x	x	x	x					
3 meters	x	x	x	x					
4 meters	x	x	x	x					
5 meters	x	x	x	x					
6 meters	x	x	x	x					
7 meters	x	x	x	x					
8 meters	x	x	x	x					
Cost Per Analyte:					\$144.00	\$132.00	\$268.00	\$10.00	\$51.52
Total Cost:									\$605.52

Represents Stratified testing requirements

SRP Testing not a requirement of APAM, but recommended

If lake is not stratified samples only need to be taken at mid depth

TOTAL: \$605.52

It is recommended to conduct SRP testing throughout the year – additional 4 times - \$2,000 + Tax

Bids received from RFP for Phosphorus Mgmt Water Testing = \$7-8,000 for 1 Treatment (7 Tests)

WATER TESTING LAB COSTS

LAB/ANALYTE	Nitrate as N (mg/L) *	Total Iron (ug/L) *	Nitrate + Nitrate as N	SRP (Requires filtering within 15 minutes with 0.45 micron)	Total "P", Mixed forms as "P" (preserve sample w/sulfuric acid within sample bottle)
Water Management Laboratories, Inc. 1515 80th St E. Tacoma, WA 98404 Phone: 253-531-3121 Email: customerservice@watermanagementlabs.com NOTE: We deliver to lab	\$36	\$30	\$72	\$67 + \$10 for micron filter	\$67
AM Test Inc., 13600 NE 1126th Place Suite C, Kirkland, WA 98034 Cell: 425-885-1664 Email: www.amtestlab.com NOTE: They will ship sample kit to us at no charge that will include all bottles, cooler/box, ice packs and micron filter. We pay for mailing back.	\$15 EPA 300.0	\$10 EPA 200.7	\$25 EPA 300.0 or EPA 353.2	\$20 SM 4500 PE NOTE: Will provide micron filter with sample kit	\$20 SM4500PF
Tshimakain Creek Lab LLC, 5505 E 1st Ave., Spokane, WA 99212 Phone: 509-928-3577 Email: Info@t-creek.com NOTE: They will provide sampling kit including styrofoam coolers, ice packs, and syringe	\$32	\$42		\$45 Need to provide own filter, but syringe is provided with testing bottles.	\$55
ALS Environmental - Kelso Laba, 1317 South 13th Ave, Kelso, WA 98626 Phone: 360-577-7222 Email: www.alsglobal.com	\$25 (SM 4500-NO3 E or EPA 353.2)	\$30 (EPA 200.8/SW 846 6020A)		\$28 (EPA 365.3 (Orthophosphate / SRP) Syringe Filter Tips 0.45 micron \$39 ea)	\$32 (EPA 365.3 / SM 4500-P E

* Required by APAM for Iron Products

Submitted 3 Sep 26
 WO# 17402026090305
 For AMTEST Inc.
 Duration: 1 Nov 26 – 31 Dec 31
 Amount: \$9,000
 22 Sep 26 – Approved/Signed
 by Environmental Health Div Dir
 22 Sep 26 – Sent to AMTEST
 Owner for Signature

MOTION: Approve lab test costs for analytes not to exceed \$9,000 + taxes for 2027-2032

FY 2027 (1 Oct 27 – 30 Sep 28)

Toxic Algae Report

22 Sep 2026 – **WARNING IMPOSED** – 43.7 ug/L



GRANT FUNDING UPDATE

- Kim Farnes
- Objective – to obtain one grant a year beginning in 2027 (SFY 2028)
- Grant Opportunities:
 - 17 Dec 2026 - \$50,000 Grant for Freshwater Algae Control Grant Program for **Fiscal Year 2028 Due**. Fund Manager: Joseph Teresi, Aquatic Invasive & Algae Control Grants Manager, Dept of Ecology, joseph.teresi@ecy.wa.gov
 - Cyanobacteria control and management
 - **Grant Application in process**
 - Write grant – Partially completed
 - Submit grant on SAW – NLT 15 Nov 26
 - If awarded GRANT would be effective July 1, 2027 (beginning of SFY 2028) Any cost incurred prior to that date would not be eligible for benefit under this grant.

September 24, 2026, Annual Meeting After Action Review

- Set Up
- Guest Speaker: Kevin Hansen, Thurston County Hydrologist
- Sequence of Presentations/Format
- Food & Beverages
- Clean Up

Phosphorus RFP Update



• At County for review.



• LMD SC approval 16 July 2026:

- Approved X
- Disapprove



• BoCC Approval 21 July 2026



• Notice published in paper



• Bid solicitation (6 weeks)



• Bid Review by SC Committee (Barry Halverson, Frank Hudik, Janice Leitzke) – Completed 22 Sep 26



• Bid Review sent to County for review – 22 Sep 26



• Contractor selected



• Negotiation with contractor

- Contract signed
- Contract goes into effect 1 January 2027



G = Green = Completed On Time



Y = Yellow = Late – Program
Jeopardized



R = Red = Mission Fail

NEW BUSINESS

2027 LMD Invasive/Nuisance Aquatic Weed Treatment Plan

-  • July 2026 – LMD budget \$70,000 for 2027 for Invasive/Nuisance Aquatic Weed Control.
-  • 18 August 2026 – Survey Committee & ARS conduct end of year survey to assess type of weeds and density.
-  • October 2026 – Virtual meeting with contractor to discuss 2027 treatment plan – Met with contractor **13 Oct 25**. Contractor working on est. for 2027 treatment for aquatic weed treatment.
-  • Prior to Feb 2027 - Contractor to provide cost/application recommendations for Spring/Summer 2027 treatment of Invasive/Nuisance Aquatic Vegetation. Total area to be treated = ~35 acres. Cost est. = \$46,612 using AquaThol K.
- April 2027 – Will receive an updated cost est based on 2027 AquaThol K Chemical costs.
- April/March 2027 - APAM Notice mailed to lake front residents 10 days prior to any treatment including Phosphorus Mitigation Treatment. APAM Notice Cost Estimate \$300.
- April – August 2027 - Survey Committee – monthly lake surveys.
- End of May – Mid June 2027 – Treatment of invasive/nuisance aquatic weeds using Aquathol.



G = Green = Completed On Time

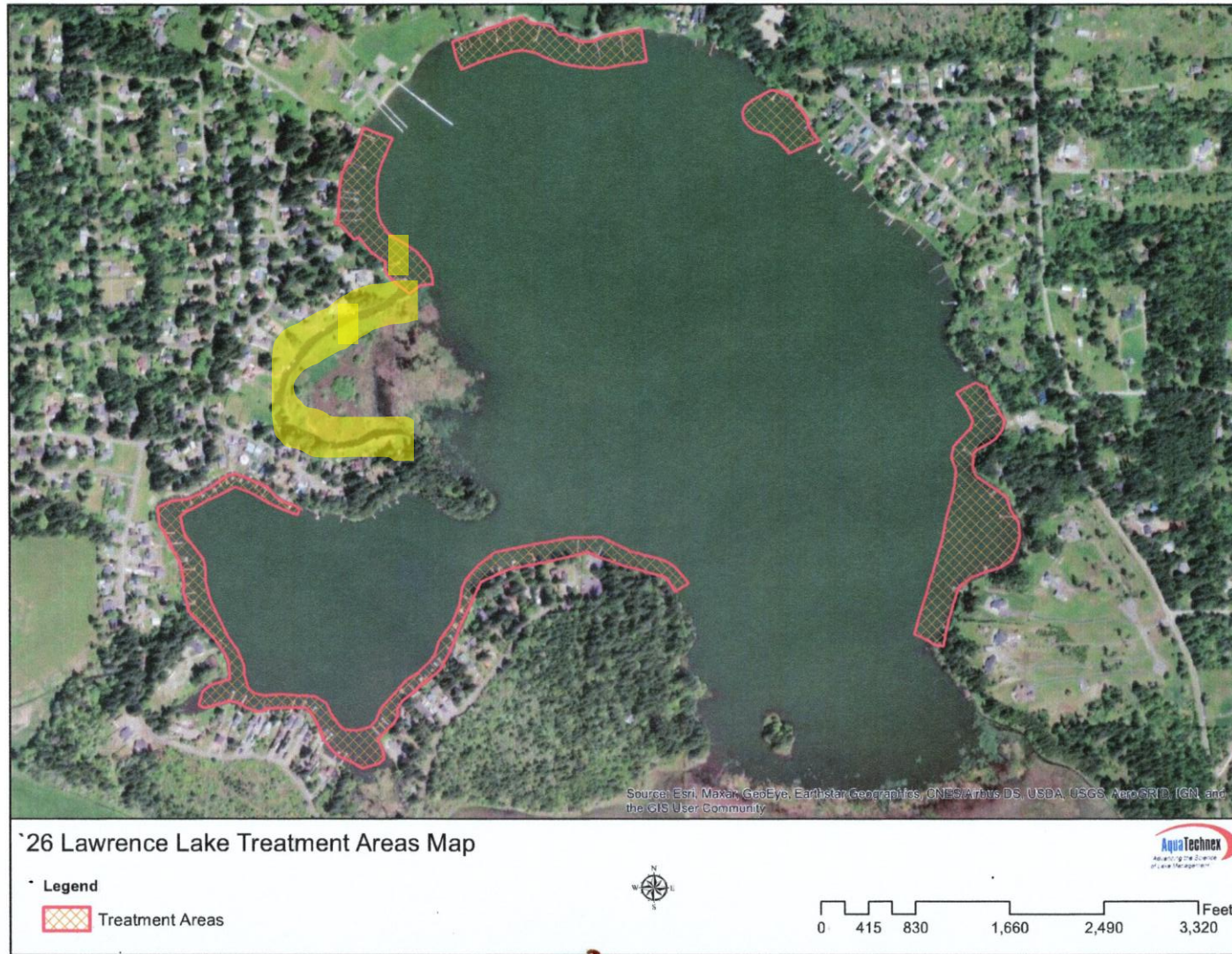


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2027 INVASIVE/NUISANCE/CURLY PONDWEED TREATMENT MAP



Aquathol 2027

25-35 Acres

1 Application mid weed growth

Treatment: End of May – Mid June

Cost: ~\$50,000 (Est. for 35 acres)

Previous Treatments:

2021 – Sonar One – 25 Acres

2022 – Aquathol K – 33.5 Acres (\$44k)

2023 – No treatment

2024 – Galleon SC – 26 Acres

2025 – Sonar One – 31 Acres

2026 – Sonar One – 34 Acres

MOTION: Approve up to \$50k for weed treatment in 2027

2027 LMD Yellow Flag Iris Treatment Plan

- ★ G • Oct 2026 – County Noxious Weed confirms treatment (\$1,500 cost to LMD & \$2,000 cost to County via Grant Funds)
- ★ G • Permission letters for treatment were signed in 2026 for a 5-year period
 - 31 March 2027 – Send out treatment notification cards.
 - Mid May 2027 – PW Noxious Weed treats YFI. Email from Mike Murphy, Noxious Weed Mgr.
 - Cost to LMD \$1,500 Approved at 15 October 2026 Mtg

MOTION: Approve \$1,500 for YFI Treatment in 2027



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2027 LMD Fragrant Water Lily (FWL) Treatment Plan

- July 2026 Budget provides \$4,500 for FWL Treatment
- 15 Jul – 15 Aug 2027 – Treatment of Fragrant Water Lily, if required (to be determined in June or July 2027 following lake survey).

Treatment Costs:

Jul 19 - \$1,540

Jul 20 - \$1,517

Jul 22 - \$2,373

Sep 24 - \$2,500 – 2.5 Acres

Aug 25 –\$1,875 – 3 Acres

2026 – No Treatment

**WILL WORK WITH CONTRACTORS TO OBTAIN
A BID FOR TREATMENT IN 2027**



G = Green = Completed On Time



Y = Yellow = Late – Program Jeopardized



R = Red = Mission Fail

2027 Phosphorus Treatment Plan



- July 2026 – LMD budget \$350,000 for 2027 for Phosphorus Mitigation.
- 28 Sep 2026 – Contract awarded to NW Aquatic
- Oct 2026 – Contract negotiations/Contract Review/Fiscal Review/Risk Review/Legal Review
- 24 Nov 2026 – BoCC Approval/Contract signed by County & Contractor
 - Date dependent on when negotiations are completed. Could be 24 Nov or 1 Dec
- November 2026 – Virtual meeting with contractor to discuss 2027 lake survey and treatment plan –
- Jan - Dec 2027 – Water Quality Monitoring/Testing Team conducts monthly testing/sampling with flexibility to conduct sampling the day following phosphorus treatment.



G = Green = Completed On Time



Y = Yellow = Late – Program
Jeopardized



R = Red = Mission Fail

2027 Phosphorus Treatment Plan (continued)

- Prior to Mar 2027 - Contractor to provide cost recommendations for Phase I Lake Thermal Survey, Seepage Barrel Deployment/Water Testing
- Feb/Mar or possibly Jul/Aug (Discuss) 2027 Phase I – Lake Thermal Survey, Seepage Barrel Deployment/Water Testing
- APAM Notice Mailed to impacted residents 10 days prior to any treatment. Cost Est. \$300
- Following Phase I Lake Thermal Survey provide cost estimate for Phase II Initial Coarse ZVI Application
- Apr/May or Jul/Aug 2027 Phase II (Discuss) – Initial Coarse (325 Micron) ZVI Application
- May-Sep 2027 or Jul/Aug Phase II (Disucss) – Initial Fine Grain (45 Micron) ZVI Application – SRP Testing Dependent

Phase I and II may need to be delayed until 1 Jul and Jul/Aug respectively to ensure temp difference between groundwater and lake water will provide good thermal resolution and to utilize GRANT Funds if received.



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GROUND WATER vs. LAKE WATER TEMPS

(Data taken from Sonde Testing 2024-2026)

	LAKE WATER TEMP		GROUNDWATER	
MONTH	CENTIGRADE	FAHREHEIT	FAHREHEIT	
FEB/MAR	6 – 8	43-47	41-50	
MAY/JUN	12-18	54-64	41-50	
SEP/OCT	16-19	60-66	41-50	

ZVI Costs

(per mail Pat Randall 29 June & 12 Oct 2026)

Cost per pound based on 20,000 lbs. minimum order

- Ferox PRB - \$0.65 per lb.
- Ferox Flow - \$0.65 per lb.
- Ferox Target - \$0.95 per lb.
- Product comes in either 50lb. Paper sacks or 50 lb. plastic pails. Pails are \$.07 a lb. more but can be stored for a long time.
- Pallets of product at 2,000 lbs. each
- Semi-Truck can carry 40,000 lbs.
- Telescoping 5k lb. Telehandler with delivery
 - Equipment Share (Tacoma) - \$1900-2000 including tax
 - Sunbelt Rentals (Lacey - \$2228-2300 including tax
- RFP that goes out next week will tell us the cost for 2027 applications.

WATER QUALITY MONITORING TEAM TEST RESULTS

- DATA WILL BE DISPLAYED ON THIS SLIDE ONCE WE START COLLECTING IT.

Phosphorus Management Strategic Goals & Objectives

2 Strategic Goals

-  1. Prevent Toxic Algae Blooms
Total Phosphorus “P”
PHOSPHORUS SEQUESTRATION METHODS & COSTS Total “P” estimated at 4,646 lbs.
-  2. Improved Dissolved Oxygen Levels at deeper depths.

NOTE: Lake management should focus on achieving the appropriate ecological balance between algae and plants, since too much of either can be problematic.

Strategic Objectives



Target Advisory Frequencies (2027-2031): Limit public health advisories to no more than 1 year with two or more warning/danger events across the entire 5-year duration.



Limit Duration of Advisories: Ensure that within the same 5-year timeline, no single warning/danger advisory lasts 3 weeks or longer.

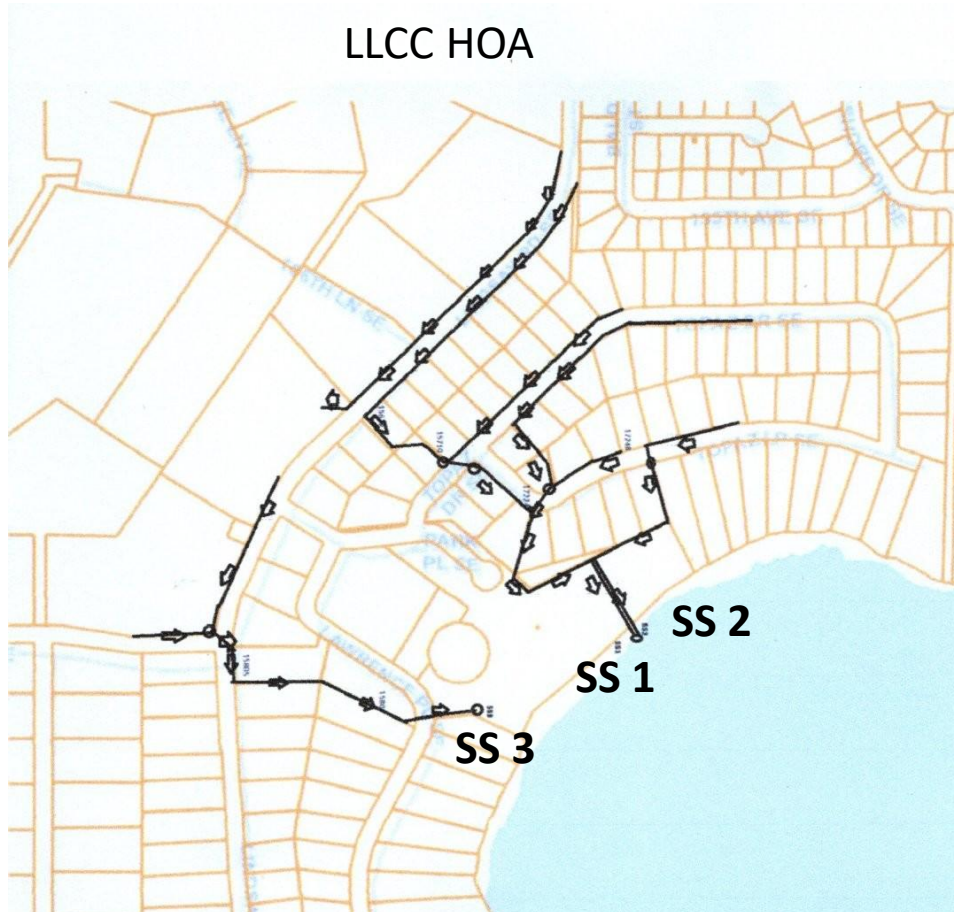


Target Summer Chlorophyll-a: Reduce concentrations to below 7.2 micrograms per liter ($\mu\text{g/L}$) at 1 meter depth to establish a healthy mesotrophic balance (down from 100 $\mu\text{g/L}$ in 2025).



Phosphorus & Visibility Targets: Drive total phosphorus down to $\leq 24 \mu\text{g/L}$ (at 1m depth) and secure Secchi disk visibility at 2.0+ meters.

STORM DRAIN SYSTEM LOCATIONS



SS 3

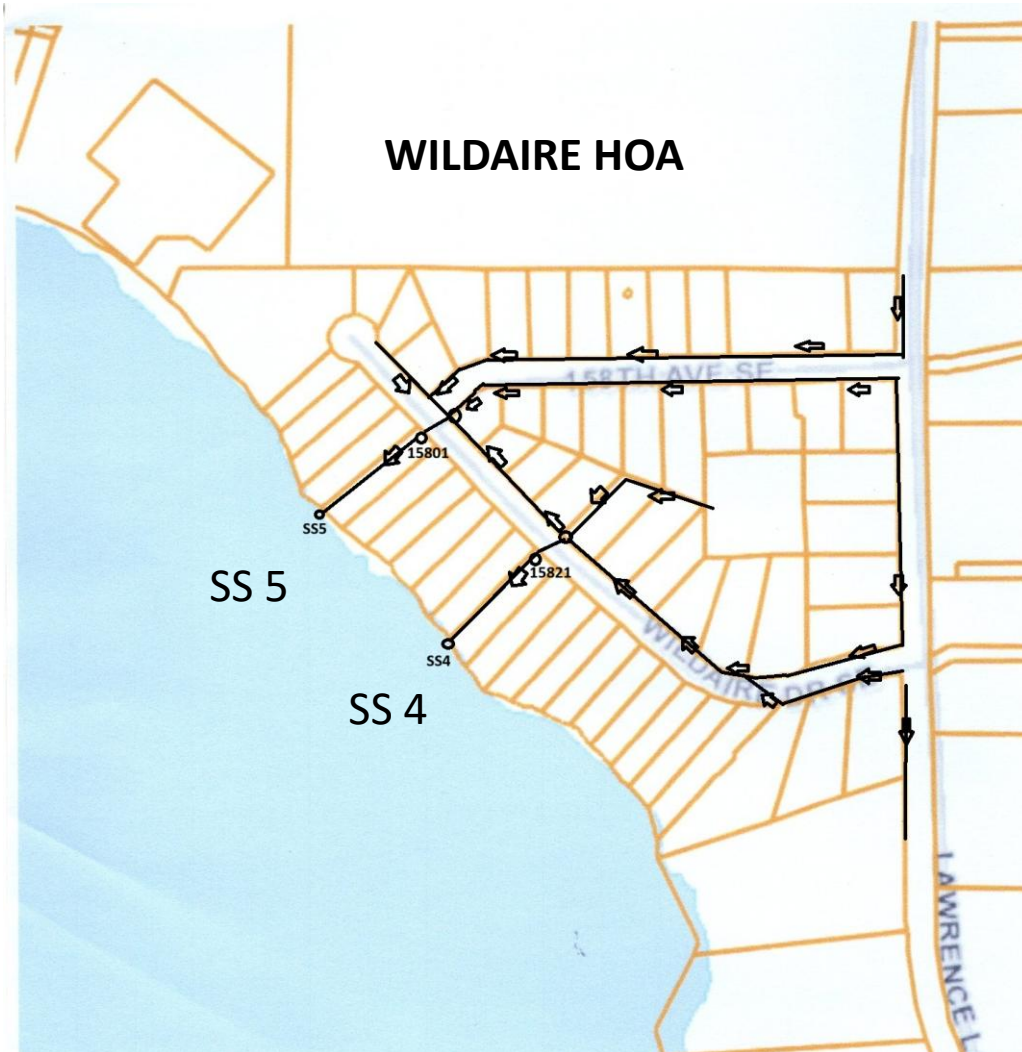


SS 1 & SS 2

14 Oct 26

- Met with LLCC HOA Leadership
- Approved Plan
- Approved use of park For treatment and Product storage

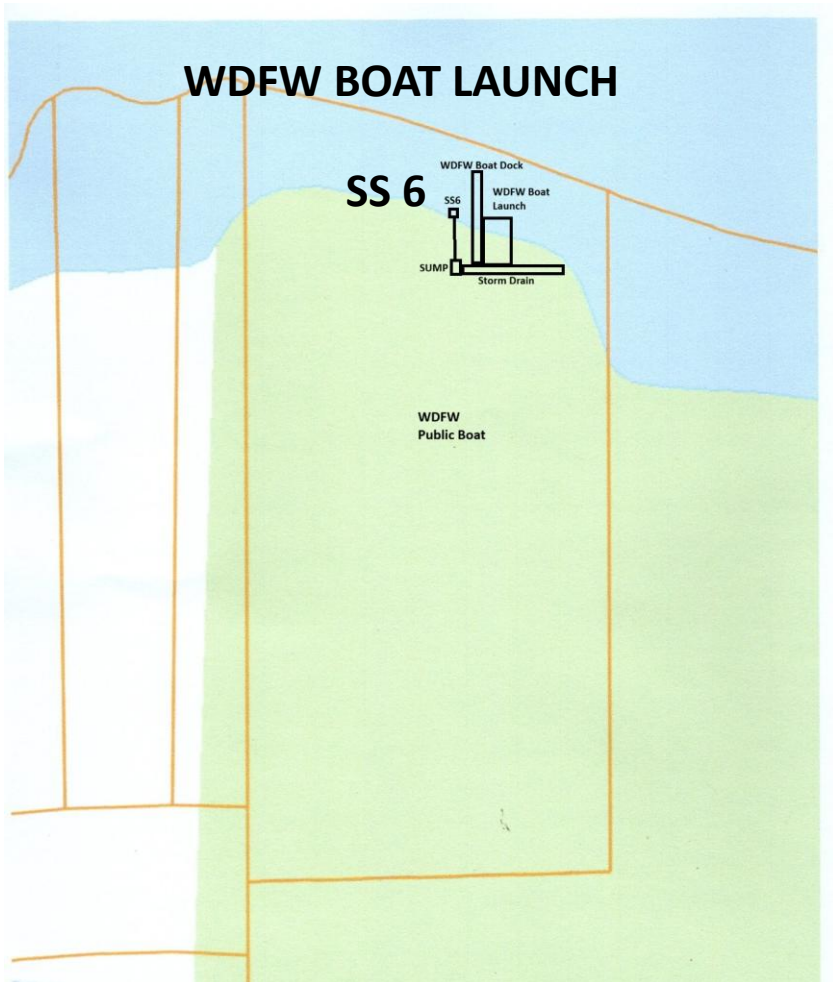
STORM DRAIN SYSTEM LOCATIONS



SS 4 – 15821 Wildaire Dr

SS 5 – 15801 Wildaire Dr

STORM DRAIN SYSTEM LOCATIONS



SCORE CARD

Goal #1 – Prevent Toxic Algae Blooms

OBJECTIVES

YEAR	Advisory Freq – No more than 1 yr w/2 or more warning events over 5-ys	Duration of Advisory – No single warning longer than 3 weeks	Chlorophyll-a < 7.2 ug/L at 1 meter depth	Phosphorus & Visibility – Total “P” ≤ 24 ug/L at 1 meter	Secchi Disk Vis at 2.0+ meters	PASS/ FAIL
2027						
2028						
2029						
2030						
2031						

SCORE CARD

Goal #2 – Improve Dissolved Oxygen Levels at Deeper Depth (TEN-YEAR PLAN)

OBJECTIVES FIRST FIVE YEARS 2026-2030

YEAR	2026-2027 - Establish 501C3 Non-Profit with Charter, EIN, Bank Account, Legal Status, and a Non-Profit Board	2026-2031 - LMD SC & Non-Profit Board Identify, Research, and Validate a system that is operationally feasible, reliable, and sustainable	2027-2036 - Non-Profit Board identifies, solicits, and develops contacts for donations	PASS/FAIL
2026				
2027				
2028				
2029				
2030				

SCORE CARD

Goal #2 – Improve Dissolved Oxygen Levels at Deeper Depth (TEN-YEAR PLAN)

OBJECTIVES NEXT FIVE YEARS 2031-2035

YEAR	2031 – Identify and select system. Purchase land (if necessary) & develop and fund RFP to conduct study	2032 – \$220k Initiate comprehensive engineering studies, system design, and federal/state permitting	2033 - \$280,000 Construction of landward support infrastructure, bldg. facilities, and initial procurement	2034 - \$2.2M Final manufacturing, purchase, sub-surface delivery, and system installation	2035 – System fully operational	PASS/ FAIL
2031						
2032						
2033						
2034						
2035						

2027

January							February							March							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
27	28	29	30	31	1	2	31	1	2	3	4	5	6	28	1	2	3	4	5	6	28	29	30	31	1	2	3
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13	4	5	6	7	8	9	10
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20	11	12	13	14	15	16	17
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27	18	19	20	21	22	23	24
24	25	26	27	28	29	30	28	29	30	31	1	2	3	28	29	30	31	1	2	3	25	26	27	28	29	30	1
31	1	2	3	4	5	6																					
May							June							July							August						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
25	26	27	28	29	30	1	30	31	1	2	3	4	5	27	28	29	30	1	2	3	1	2	3	4	5	6	7
2	3	4	5	6	7	8	6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
9	10	11	12	13	14	15	13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
16	17	18	19	20	21	22	20	21	22	23	24	25	26	18	19	20	21	22	23	24	22	23	24	25	26	27	28
23	24	25	26	27	28	29	27	28	29	30	1	2	3	25	26	27	28	29	30	31	29	30	31	1	2	3	4
30	31	1	2	3	4	5																					
September							October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
29	30	31	1	2	3	4	26	27	28	29	30	1	2	31	1	2	3	4	5	6	28	29	30	1	2	3	4
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25
26	27	28	29	30	1	2	24	25	26	27	28	29	30	28	29	30	1	2	3	4	26	27	28	29	30	31	1

- LEGEND**
-  LMD MTGS
 -  Water Quality Testing
 -  SURVEYS
 -  ANNUAL MTG
 - V VIRTUAL

2027

- LMD Meeting
- Water Quality Monitoring
- Survey
- Annual Meeting Schedule

Motion to approve these event dates

Yes_____

No_____

2027 SC Meeting Schedule – Thursdays 6:30-8:30 p.m.:

- 18 February (Virtual)
- 18 Mar (Virtual)
- 13 May (In Person)
- 15 July (Virtual)
- 14 Oct (In Person)

2027 Water Quality Monitoring Schedule – Tuesdays 9-11 a.m.:

- Tuesdays – Additional dates may be added due to timing of Phosphorus Treatments
- Jan 12, Feb 9, Mar 9, Apr 13, May 11, Jun 8, Jul 13, Aug 17, Sep 7, Oct 12, Nov 9, and Dec 7

2027 Survey Schedule – Tuesdays 9-12 a.m. (3-4 hours):

- 13 Apr
- 11 May
- 8 June
- 13 July
- 17 August

Annual Meeting – 6:30-8:30 p.m.

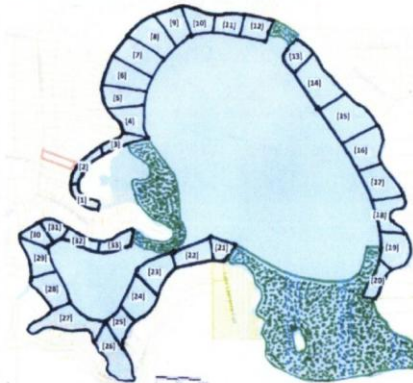
- Thursday 23 September

NOTE: On days when Lake Surveys are scheduled Water Quality Monitoring will be done the same day/same boat

18 August 2026 - SURVEY RESULTS

LAKE LAWRENCE SURVEY SHEET

DATE: 18-Aug-26				COLLECTOR(S): Barry, Ken, Terry, Janice, Kathy	
Air Temp: 60-70		Water Surface Temp: 71		Weather: Foggy morning, Sunny Day	
AVAS	Rake Pull	Geographic Location	Lat/Long	Depth (ft)	Geese A/G
		Water - Nymph ; Nitella; Stonewort, Microalgae Common Elodea Narrow - Leaf Curly Big Leaf Floating Leaf Tape Grass Coontail Sago Eel Grass FWL YFI			
A summary of the survey is provided below. Detailed survey results by AVAS are shown on subsequent pages.					
RATINGS:					
1 Few plants in only 1 or a few locations - used to record the fact that a plant or specific species was found.					
2 Few plants, but with a wide patchy distribution. Small number of plants on rake head.					
3 Plants growing in large patches, codominant with other plants. More plants than 2, but fewer than a full rake head.					
4 Plants in nearly monospecific patches, dominate. Full rake head.					
5 Thick growth covering area. Plants falling off rake head.					
NOTES: Water Clarity was good - no algae - some filamental - Water depths were not taken					
1 20 Geese counted - migrating geese are here, but not very many on lake today.					
2 Microalgae; Nitella; Water Nymph. Stonewort levels 1-5 in AVAS areas 1-10, 12-13, 12-13, 15-18, 20-25, and 28-31					
3 Common Elodea levels 1 in AVAS areas 17, 23, and 33					
4 Narrow-Leaf levels 1-5 in AVAS areas 1-3, 6-8, 16					
Plants were dead and not present in all areas treated with Sonar					
5 Curly Pondweed level 2 in AVAS area 2 (Plants were dying due to normal growth cycle)					
6 Big Leaf levels 1-5 in AVAS areas 17-22, 28, 32-33					
7 Tape Grass levels 3-5 in AVAS areas 1-11, 13, 15-33 Very prolific throughout lake					
8 Eel Grass levels 1-4 in AVAS areas 1-2, 17-20, 22, 25-30, and 32-33					
9 Fragrant Water Lily levels 1-4 in AVAS areas 1, 3-5, 8-9, 11-13, 15, 18-22, 24-27, 32					
Fragrant Water Lily was showing signs of stress in areas treated w/Sonar					
10 Secchi Disk Tests: AVAS 9 - 2.25m; AVAS 11 - 2.3m; AVAS 13 - 2.3m; AVAS 28 - 2m; AVAS 31 -					



2025-2026 LMD Annual Lake Report

- ★_G • 1 September Draft submitted to SC
- ★_G • 24 September 2026 Briefed to members at Annual Meeting
 - SC Motion to Approve:
 - Approve:_____
 - Disapprove:_____
 - 16 October 2026 Submit to Environmental Health, Water Resources and other interested agencies



G = Green = Completed On Time



Y = Yellow = Late – Program
Jeopardized



R = Red = Mission Fail

GEESE REMOVAL

- Would you all like to schedule this with USDA for Spring 2027?
- Est. Cost \$2,400

MOTION TO APPROVE GEESE REMOVAL
2027 WITH ESTIMATED COST OF \$2,400

Other Business

Good of the Order

COMPLETED EVENTS

- 20 July 26 met with Commissioner Clouse and briefed her on CMP & RCW36.61 Bill
- 22 July 26 Met with Commissioner Menser and briefed him on CMP & RCW 36.61 Bill
- 23 July 26 At the invitation of the American Lake LMD attended their LMD Meeting and briefed them on the differences between Steering and Advisory Committees
- 5 Aug 26 Curt Cleaveland and Barry Halverson met with John Haberlin, Environmental Health Water Quality Testing for a class on how to calibrate YSI ProDSS Handheld Test equipment
- 20 Aug 26 Met with WALPA Legislative Committee to refine bill wording
- 26 Aug 26 Met with Representative Doglio to discuss LMD Bill.
- 1 Sep 26 Met with Lakewood City Attorney re: American Lake LMD Renewal
- 17 Sep 26 Met with Representative Orcutt to discuss LMD Bill.

UPCOMING EVENTS

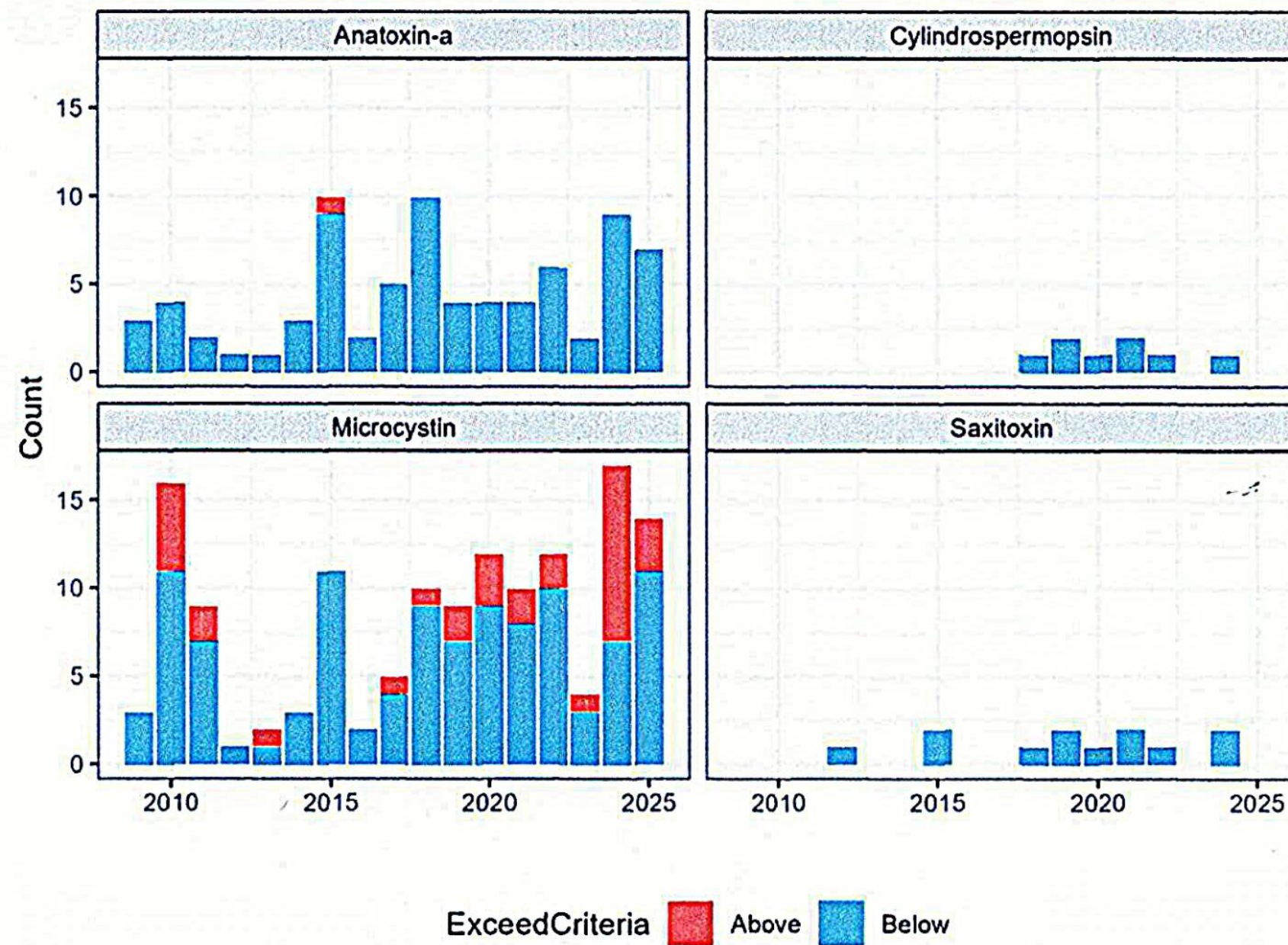
- 19 Oct 26 – 3-4 pm Virtual meeting with Adam Gufarotti, Lake Elsinore, Assist Dir Lake and Community Operations to discuss nanobubble technology installed at Lake Elsinore
- 20 Oct 26 Meet with Senator Goehner Local Government Committee
- 23 Oct 26 Meet with Representative Abbarno to discuss LMD Bill.
- 26 Oct 26 Meeting with Representative Barkis to discuss LMD Bill.
- Seminars/Webinars
- 10 Nov 26 Presentation to local Environmental Groups on LMD ZVI/OST Strategy 6:30-7:30 Virtual
- 16 Nov 26 Bi-Annual LMD/County Meeting – 10-11 am Lacey Room or virtual.
- 17 Nov 26 Presentation to Ken Lake Association 6:30 pm
- 9 Dec 26 Meet with Lake Elsinore leaders to tour nanobubble system currently working on their lake

BACKUP SLIDES

Volunteer Hour Calculations

This website provides a calculator to figure the worth of volunteers in all 50 states. In 2026 Washington States hourly rate for a volunteer was \$41.70.

- <https://www.serve.love/blog/calculate-volunteer-value-grant-applications/>



Year	Days with Warning or Danger
2010	59
2011	35
2012	0
2013	16
2014	0
2015	35
2016	0
2017	13
2018	13
2019	19
2020	35
2021	29
2022	19
2023	13
2024	147
	(includes blooms going through Feb 2025)
2025	28