

A scenic view of a lake with a snow-capped mountain in the background. The foreground shows a calm lake with a small dock and a building on the left. The middle ground is a dense forest of evergreen trees. The background features a large, snow-covered mountain under a blue sky with light clouds. The text is overlaid in the upper center of the image.

Lake Lawrence
Lake Management District
In Person Meeting
16 October 2025
6:30-8:30 p.m.

AGENDA for 16 October 2025 LMD Meeting

- **Call to Order**
 - Introductions
 - Approval of Agenda
- Approval of 17 July 2025 Meeting Minutes
- **Public Communications**
- **Recurring/Continued Business:**
 - Current/Proposed Budget – Janice
 - Current/Proposed Work Orders/Purchases/Invoices
- **Old Business:**
 - Lake Water Level & Floating Island Issue update – Frank
 - Senate Bill S-3518.1 update – Barry
 - Cyanobacteria Mgmt. Plan (CMP) update – Barry
 - LMD Renewal 2027 Subcommittee Update – Barry/Janice
 - Action Item Status Update – Barry
 - 2026-2027 Budget & Work Plan Update – Janice/Barry
 - Continuing Discussion of “SHALLOW WATER SIGNS” update - Barry
- **New Business:**
 - 19 August 2025 Lake Survey Results – Barry
 - 2026 LMD Invasive/Nuisance Aquatic Weed/FWL/YFI Treatment Plan update – Barry
 - 2026 Yellow Flag Iris Treatment Plan update – Barry
 - 2026 Fragrant Water Lily Treatment Plan update/Recommendation - Barry
 - 2024-2025 Lake Lawrence LMD Annual Report – Discussion/Approval
 - 2025 Annual Meeting After Action Review
 - Discuss/Approve 2026 Meetings & Survey Dates
 - Motion to approve meeting Notification Card
 - Review & Sign hand receipts for LMD rakes
- **Other Business:**
- **Good of the Order**
 - Etrophix Presentation at 19 March LMD Meeting
 - Grant Funding
 - Low Water Level Discussion
 - Chemical Treatment Options
 - Safer Insecticide/herbicide/Moss Control Options
- **Adjourn**

Call to Order

- Introductions/Roll Call/Attendance
- Approval of Agenda
 - MOTION:
- Approval of 17 July 2025 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
 - Current Budget Recap/Work Orders/Purchases/Invoices (next slide)

Lake Lawrence Management District
Financial Report

		2024 Final	2025 Budget	2025 Actuals thru 9/30/2025	2025 Variance	2025 Notes
REVENUE						
	Penalties - Operating Assessment	41	-	6	6	
	Investment Earnings	11,195	-	-	-	
	Other Interest - Operating Assess.	296	-	-	-	
	Operating Assessment Charges	114,124	118,450	85,899	(32,551)	Per Thurston County rpt thru July 2025
	Miscellaneous	2,614	-	-	-	
	O/T - General Fund	6,100				- Reimbursement of Interfund Costs in 2025 = \$6,200
	Algae Grant		25,000	8,983	(16,017)	TC says that we will receive full \$50,000 grant in 2025, \$8,983 rec'd May pays for Aug 2024.
	TOTAL REVENUE	134,370	143,450	94,888	(48,562)	
EXPENSES						
	Administrative Rate at 5%		6,000	4,794	1,206	2025 Approx 5% of Total Revenue
	Nuisance Weed Program	50,384	70,000	62,959	7,041	Sonar Treatment Plan-31 acres in 3 applications
	Cyanobacteria Mgmt Plan (CMP)	42,211	60,000	12,474	47,526	Contract with Herrera has \$93,287 for 6/2024 to 6/2026
	Yellow Flag Iris	1,500	1,500	1,500	-	- LLMD's portion of bill from Public Works
	Lily Treatment	2,708	2,500	1,875	625	Lily Treatment Aug 2025 for 1.5 acres at south end
	Prof Svcs - Advertising	404	600		600	RFP ads
	Total Professional Services	97,206	134,600	78,808	55,792	
	Supplies	153	300		300	Copy paper, Printer Ink Pack, Stamps, Ink pads
	Annual Meeting and Picnic	233	1,500	323	1,177	
	Small Tools & Minor Equip		300		300	
	Communications (Mailers)	928	1,100	961	139	Annual Postcards \$686, 1st week mailer \$275
	Operating Leases/Rentals (LLCC)	60	160		160	Feb, May, Oct in person meetings
	Website & admin technology	435				Website 3 yrs \$369.70, Domain Name \$65.29
	Misc.	310	1,000		1,000	Renewal Expenses
	Total Supplies & Operating Expenses	2,119	4,360	1,284	3,076	
	TOTAL EXPENSES	107,275	144,960	84,886	60,074	
	NET (Revenue-Expenses)	27,095	(1,510)	10,002	11,512	
	Beginning Fund Balance	\$ 355,633		\$ 382,728		Per TC 30 Sept 2025 Financial Rpt, ending 2024 fund balance = \$382,728
	Ending Fund Balance	\$ 382,728		\$ 392,729		

Financial Report 2025 09 LLMD Financial Report

10/14/2025

Some Grant funding received.
Should receive more by end
of October.



Lake Lawrence Management District
Details of Financial Report

Expense Detail				
Date	Amount	Account	Payee	Notes
1/13/2025	\$ 686.20	Communications-Mailers	Nisqually Post, NPNP2	Annual Postcard 659 @ .34 plus .60 postage ea +\$42+ 9.3% tax
2/20/2025	\$ 267.84	CMP Study C-2	Herrera #58439	Jan 2025
2/20/2025	\$ 142.62	CMP Study D-3	Herrera #58439	"
2/28/2025	\$ 1,638.94	CMP Study C-1	Herrera #58674	Feb 2025
2/28/2025	\$ 214.27	CMP Study C-2	Herrera #58674	"
2/28/2025	\$ 374.97	CMP Study D-3	Herrera #58674	"
4/15/2025	\$ 275.29	CMP Study C-1	Herrera #58890	Mar 2025
4/15/2025	\$ 214.27	CMP Study C-2	Herrera #58890	"
4/15/2025	\$ 267.84	CMP Study D-3	Herrera #58890	"
4/16/2025	\$ 275.08	Advertising	Nisqually Post & Print	Notice of Sonar chemical weed treatment early May
5/1/2025	\$ 1,500.00	Yellow Flag Iris	NW Aquatic Mgmt	\$3,500 but Environmental Health to fund \$2,000
5/14/2025	\$ 1,302.24	CMP Study C-01	Herrera #59093	Mar 29 - May 2
5/14/2025	\$ 696.38	CMP Study C-02	Herrera #59093	Mar 29 - May 2
5/14/2025	\$ 868.46	CMP Study C-03	Herrera #59093	Mar 29 - May 2
5/14/2025	\$ 89.05	CMP Study D-03	Herrera #59093	Mar 29 - May 2
5/21/2025	\$ 27,549.20	SonarOne Weed mgm	AquaTechnex	Inv 19237
6/11/2025	\$ 20,791.43	SonarOne Weed mgm	AquaTechnex	Inv 19404
6/26/2025	\$ 321.41	CMP Study C-3	Herrera #59385R	May 3-30, 2025
6/26/2025	\$ 89.05	CMP Study D-3	Herrera #59385R	May 3-30, 2025
7/6/2025	\$ 14,618.48	SonarOne Weed mgm	AquaTechnex	Inv 19651
7/14/2025	\$ 53.57	CMP Study C-3	Herrera #59602	May 31-June 30, 2025
7/14/2025	\$ 124.53	CMP Study D-3	Herrera #59602	May 31-June 30, 2025
8/11/2025	\$ 1,068.17	CMP Study C-2	Herrera #59778	July1-Aug 1, 2025
8/11/2025	\$ 107.14	CMP Study D-3	Herrera #59778	July1-Aug 1, 2025
8/18/2025	\$ 1,875.00	FWL herbicide	NW Aquatic Mgmt	Inv 1610
9/22/2025	\$ 4,198.01	CMP Study C-2	Herrera #60166	Aug2-Aug 29, 2025
9/22/2025	\$ 160.00	CMP Study D-3	Herrera #60166	Aug2-Aug 29, 2025
9/26/2025	\$ 4.11	Annual Meeting	Barry Halverson	Table cloths
9/26/2025	\$ 105.44	Annual Meeting	Barry Halverson	Envelopes, Printer Ink Cart., Name Tags, Sugar
9/26/2025	\$ 213.02	Annual Meeting	Barry Halverson	Water, Napkins, Forks, Dessert, Coffee, copy paper
9/30/2025	\$ 1,549.50	Bio Base	Unknown	per TC fin rpt rec'd 30 Sept 2025 unknown item
9/30/2025	\$ 4,794.26	TC Admin Cost	Thurston County	per TC fin rpt rec'd 30 Sept 2025 costs thru July 2025
	\$ 86,435.77	Total of above		
	\$ (1,549.50)	Unknown item		
	\$ 84,886.27	Total Expenses per LLMD Financial report		
	\$ (7,908.99)	Less items submitted but not confirmed by Thurston County		
	\$ 1,549.50	Add back unknown item, included in TC but not verified by LLMD		
	\$ 78,526.78	Total Expenses confirmed per Thurston Co July 2025 rpt rec'd 30 Sept 2025		

Annual Meeting & Admin Expenses

2025 Non-Employee Expenditure Reimbursement Request - Effective 01/01/2025

Name	Barry Halverson	Destination	N/A
Address:	10648 Mill Road SE	City /State:	Yelm, WA 98597
Department		Pre-Arranged Travel Method	
Purpose	Lake Lawrence LMD Annual Mtg & Admin	Pre-Arranged Travel Cost	\$ N/A
Description/Title		Type of Pre-Arranged Travel Cost	
Registration Cost	\$ N/A	Trvl Purchase Date	N/A

PLEASE COMPLETE EACH FIELD ABOVE (SEE FORM INSTRUCTIONS TAB BELOW)

MEAL & INCIDENTAL EXPENSES (M&IE)				
Instructions: Meal & Incident Expenses (M&IE) • An overnight stay is required for an M&IE reimbursement. • M&IE amounts are based on the Daily Federal Per Diem of the primary destination. • Use the GSA meal rate chart to determine meal rate breakdowns for all travel. • Deduct for any provided meals. Provided meals are those included in lodging or conference and are not reimbursable. • Allowable M&IE amounts are reimbursed at 75% of the daily per diem rate on first and last days of travel.				
Lodging • Lodging reimbursements are based on the Federal Per Diem of the final destination. • Room rates up to 150% shall be approved within the county department or office prior to departure. • Lodging amounts over 150% of the standard GSA rate must be pre-approved by the County Manager for departments and Elected Officials for their office. • Room rates beyond 200% of the Federal Per Diem for location of overnight stay will not be reimbursed. • Itemized lodging receipt must be presented for reimbursement.				

Total Meal Charges							
Date	Daily Per Diem Total	Meals provided (Enter meal amount from M&IE breakdown chart)			Sub-Total Allowable M&IE	First & Last Day of Travel Type Y	Total due to employee
		Breakfast	Lunch	Dinner			
					\$ -		\$ -
					\$ -		\$ -
					\$ -		\$ -
					\$ -		\$ -
					\$ -		\$ -
TOTAL						★	\$ -

(B) Mileage			
Date	Destination & Purpose	Mileage	Amount
			\$ -
			\$ -
			\$ -
			\$ -
Miles traveled x 0.700		★	\$ -

(C) Authorized Expenditures Other than Meals & Mileage		
Date	Item purchased	Amount
09/25/25	Table Cloths	\$ 4.00
09/25/25	Envelops, Printer Ink Cartridges, Name Tags, Sugar	\$ 105.00
09/25/25	Water, Napkins, Forks, Desert Items, Coffee, Copy Paper	\$ 213.00
TOTAL:		★ \$ 322.00

I hereby certify under penalty of perjury that this is a true and correct claim for necessary expenses incurred by me and that no payment has been received by me on account thereof. By my signature below, I declare this claim and transaction to be whole between myself and Thurston County.

whole between myself and Thurston County.

Sany Blum 26 Sep 2025

Signature & Date

Barry Halverson
Print Name

Continue to next tab-Reimb Form Additional Page if more entry lines are needed

I, the undersigned, do hereby certify under penalty of perjury that the claim is a just, due and unpaid obligation against Thurston County, and that I am authorized to certify to said claim.

Authorizing Signature & Date

Print Name

ORG	OBJ	PROJECT	AMOUNT
Total			\$ -

Total \$

Total Due Employee	\$ 322.57
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Admin Supplies:

Printer Ink = \$75.90

Copy Paper = \$36.99

Envelops = \$7.12

Name Tags = \$5.88

Tax = \$12.21

Sub Total = \$138.10

Annual Mtg Expenditures

Food w/tax = 139.37

Beverages w/tax = \$45.10

Sub Total = \$184.47

TOTAL = \$322.57

Work Orders

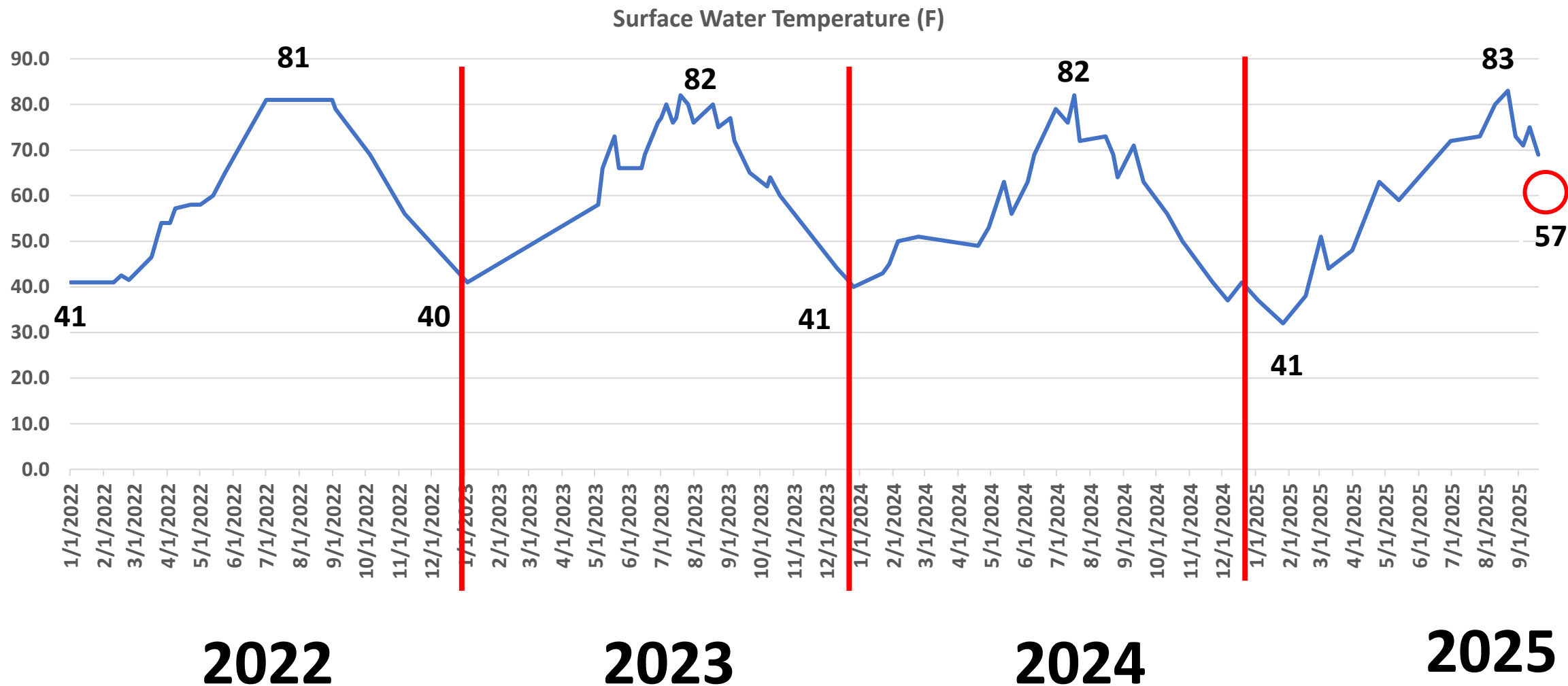
- Meeting Notification Card – Quote \$602.47. Send out mid Jan 26. 2025 cost was \$686.20.
- Treatment Notification Card – Quote \$191.84. Send out Mid Apr 26. 2025 cost was \$275.08.
- Weed Treatment – Quote \$71,308+/- Send request to contractor Mar 26. Treatment April, May and June 2026
- YFI Treatment - \$1,500. 5-15 May 2026. Same cost as last year.

Motion to approve above expenditures +/- 10% _____

OLD BUSINESS

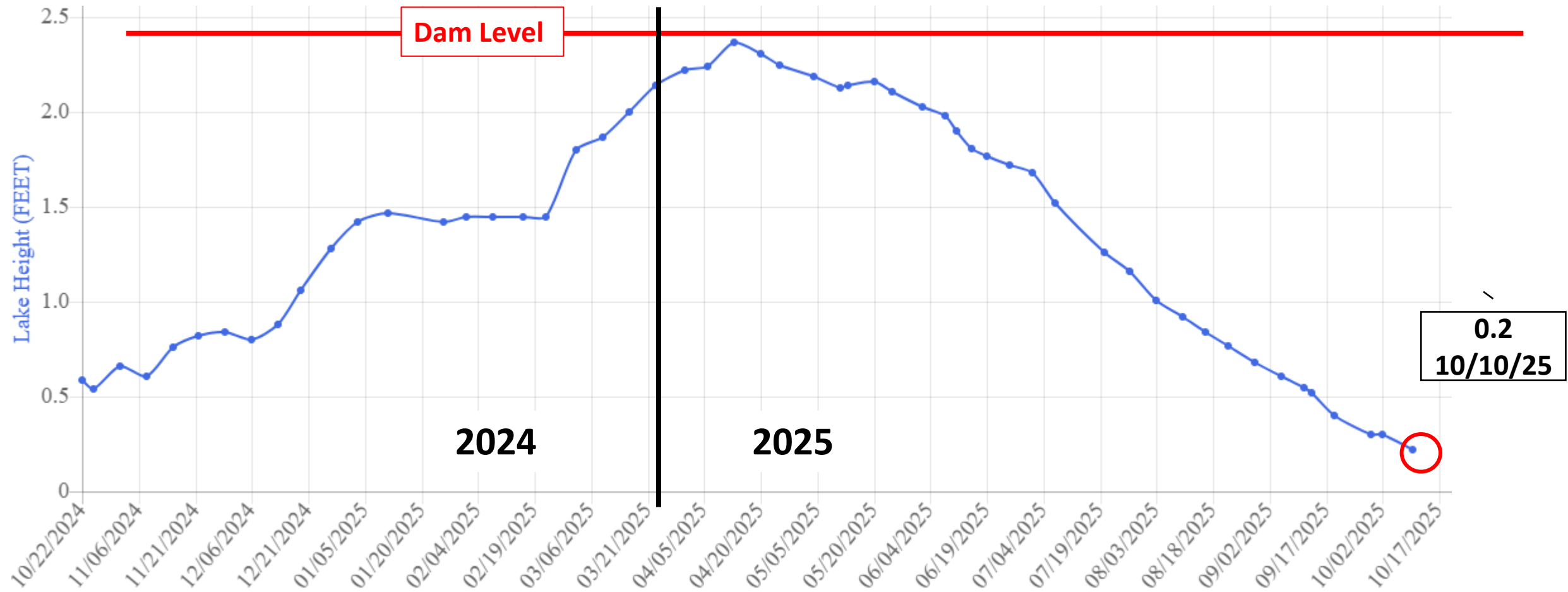
Lawrence Lake Surface Water Temperatures

(West Basin near HOA Park)



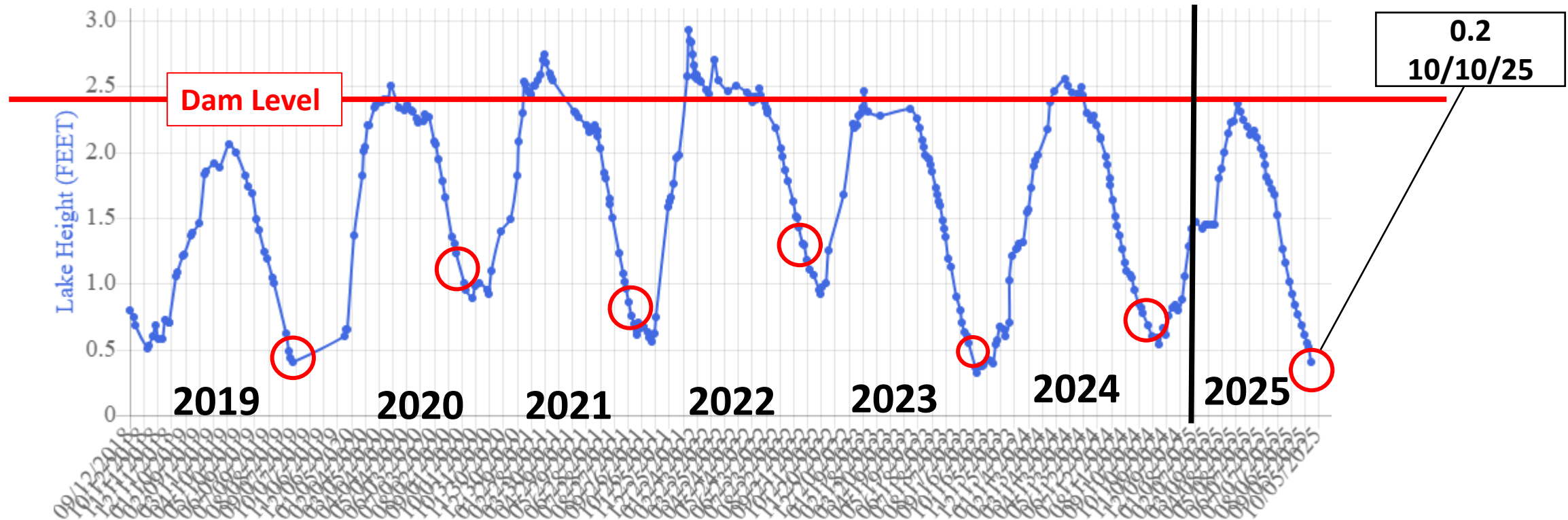
Lawrence Lake Water Surface Level

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



Lawrence Lake Water Surface Level

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



○ Lake levels on 9/19

Floating Island Issue

History retained for continuity.

Updated 10/16/25

Floating Mat Issue: **update**

Mat sighted 2 October 2025. Location: western shore of West Basin (~ 8' W x 60' L x 5' deep)



3 Oct 25 Floating Dirt/Mud Island



This one is about 60' x 8'

Floating Island Issue History

Floating Mat Issue: status

- 2022-2023 Numerous communications LMD/T-County/WA DNR/WA FW
- Oct 23 Site survey by boat: LMD/FW/DNR
- Dec 23 DRAFT Presentation vetted through Lawrence Lake LMD Steering Committee
- Dec 23 Presentation sent to State Representative Abbarno's Office
- 26 January 2024 Presentation to Rep Abbarno, FW/DNR
- April 24 Lawrence Lake's State Voting District change: Reps Wilcox, Barkis; Sen McCune
- 4 April 24 New floating mat discovered, towed and secured in protected cove
- 13 May 24 LMD Floating Mat Presentation to Rep Wilcox
 - Staff directed to contact State DNR leadership for follow-up action
- 1 July 24 Follow up action: Presentation to WA State Agencies:
 - Presentation Major Point: State Constitution: DNR has Jurisdictional Authority for lake bottom beyond High Water Mark
 - Attended: Departments of Ecology, Fish and Wildlife representatives
 - **Did not attend: DNR, Hilary Franz – Commissioner of Public Lands (elected official)**
- 3 Sep 24 ECY/DNR/FW meeting with Rep Wilcox staff
 - *Lake Lawrence eutrophication is a "natural process"*
 - *"Human influence might be a beneficial premise for a study"*
 - *Sediment removal is LMD responsibility*

Floating Mat Issue: status/update

- 28 Oct 24 LMD presented the Floating Island Issue to Army Corp of Engineers (ACE) federal regulatory representative Alexandra Hammond, Seattle District Office
 - *Summary: ACE is at the tail end of any process or planning for dredging etc but can assist with any required federal permits including EPA*

Current Status: May 2025

- Floating Island issue remains a safety issue for Lawrence Lake
 - **New reported incident 2 October 2025 “mudberg” lodged on western side of Western Basin (picture)**
- Presentations to Representatives Orcutt, Abarno negated by redistricting (20>2) Apr 2024
- Presentation to Representative Wilcox negated by Nov 2024 election/retirement
- State ECY/DNR/FW representatives assume no responsibility for the Floating Island Issue
- Federal ACE will only assist with federal “tail end” permitting (e.g., EPA)

Proposed actions for Steering Committee consideration

1. Tour Representative Marshall and ACE representative Hammond
2. Incorporate current Cyanobacteria lake study (contractor) findings/recommendations into presentation
3. Steering Cmte letter To: Commissioner of Public Lands, cc: BoCC, State Representatives: Barkis, Marshall

Senate Bill S-3518.1 Update

- 30 May DFW sent us a letter outlining their concerns
- 4 June sent email to WA LMDs to update their contact information
- 6 June sent DFW ltr and other info to WA State LMDs for their input by 14 Jun
- 14 June sent email to WA State LMDs with 2 dates for virtual mtg 19 & 20 Jun
- 19 & 20 June met virtually with WA State LMDs
- 24 June sent email with ltr to DFW addressing their concerns
- 30 Aug WALPA sent email – would like to be involved and support revision of RCW 36.61. Want to work with LMDs on changes. Waiting for date/time to set up mtg to discuss.
- 2 Sep sent email to DFW asking for a response – Responded that they will have an answer by mid-September.
- 18 Oct 2024 rec'd letter from DFW reiterating their position that the bill must include a change to the RCW regarding restructuring of public entity assessment fees in paragraph 36.61.160.
- 4 Nov 24 – Email to our legislative sponsors of the bill and WDFW representatives letting them know where the LMDs stood, asking for their input on the LMD Assessment Table and discontinuing any effort to pursue this legislation this coming session until we have had time to further discuss the bill with all City/County LMD managers and other stake holders.
- 21 Nov 24 – Email to all LMD Leadership, WALPA, and LMD City/County managers requesting their review/discussion of proposed changes to RCW 36.61 and WDFW's concerns.
- 16 Jan 25 – Virtual meeting with LMDs, WALPA and City/County LMD Representatives to discuss bill, identify any changes desired, confirm support for bill and existing changes and identify next steps. WALPA agreed to moderate discussion with DFW – Clark to reach out to them. WALPA agreed to reach out to all city/county LMD representatives to get them involved (ongoing).

Cyanobacteria Management Plan (CMP) Timeline

- ★G • Nov 2023 - Grant request submitted
- ★G • Jan 2024 - Grant approved by Ecology – funding not until July 2024
- ★G • Feb 8, 2024 – RFP submitted for contractor to do plan.
- ★G • 8 Mar 2024 – BoCC approved RFPs Clerk of the Board issued Public Notice
- ★G • Apr/May 2024 – Bids received and evaluated
- ★G • May/June 2024 – Contract issued (June 18th)
- ★G • June/July 2024 – Contractor begins study – EH held virtual kickoff meeting with contractors 12 July
- ★G • 25 July 2024 – Mtg #1 2hr Public Mtg to discuss project objectives & monitoring plan
- ★G • July 2024 – SC receives 1st Draft of Quality Assurance Project Plan (QAPP) for review (we have 2 wks)
 - 6 Sep 2024 – Rec'd 1st Draft of QAPP for review - Reviewed same day.
 - 9 Oct 2024 – Rec'd Final Draft of QAPP for review – Signature copy going out 11 Oct.
- ★G • August 2024 – Ecology reviews QAPP – 6 Sep – 8 Oct 24?
- ★G • Aug/Sep 2024 – Final review of QAPP – 9 Oct 24



G = Green = Completed On Time



Y = Yellow = Late – Program Jeopardized



R = Red = Mission Fail

Cyanobacteria Management Plan (CMP) Timeline (continued)

-  • 25 Sep 24 – Lake Sediment Sampling (Completed)
-  • Oct 24-Oct 25 – LMD responsibility. Weekly water level monitoring/reporting (On track)
-  • May 2025 – Mtg #2 1 hr. w/SC to discuss monitoring update (Monday 5 May 2025)
-  • May 2025 – Rec'd \$8,982.83 in Grant Funding. Additional funding expected Oct 25.
- Dec 2025 – Mtg #3 2 hrs. w/SC to discuss Phosphorus Budget & Mgmt. Alternatives (Thursday 11 Dec 2025)?
- Apr 2026 – Mtg #4 2 hrs. Public Mtg to go review/discuss DRAFT CMP (Thursday 17 April 2026)?
- Jun 2026 – MTG #5 2 hrs. w/SC to discuss final CMP. (Thursday 11 June 2026)?
- April 2026 – RFP issued for contractor to implement plan
- May 2026 – Contractor identified
- Jun-Oct 2026 – Plan/contract/treatment executed.



G = Green = Completed On Time



Y = Yellow = Late – Program
Jeopardized



R = Red = Mission Fail

Activity	Parameters	Sampler	Locations	2024				2025									
				9	10	11	12	1	2	3	4	5	6	7	8	9	10
Stream/ Discharge Monitoring	Meteorological	CWOP	GW3666	continuous													
	Lake Outlet Discharge	HEC	LAW-OUT			WW										WW	
	Discharge, Total Phosphorus	HEC	DITCH-IN, SS1, SS2, SS3			WW**										WW	
Lake Water Quality Monitoring	Secchi Depth	TC	LAL020 LAL030		S	S**	S	S**	S	S**	S	S**	S	S**	S	S	S
	Temperature, Dissolved Oxygen, pH, Conductance	TC	LAL020 LAL030		P	P	P	P	P	P	P	P	P	P	P	P	P
	Total Phosphorus, Ortho-P, Total Kjeldahl Nitrogen, Ammonia, Nitrate+nitrite	TC	LAL020 LAL030		S+B	S+B**	S+B	S+B**	S+B	S+B**	S+B	S+B**	S+B	S+B**	S+B	S+B	S+B
	Chlorophyll-a Pheophytin-a	TC	LAL020 LAL030		Int	Int**	Int	Int**	Int	Int**	Int	Int**	Int	Int**	Int	Int	Int
	Phytoplankton Grab	TC	LAL020														
	Zooplankton Tows	TC	LAL020														
	Lake Level	LMD	XAW2 LAW2	At least weekly													
Lake Sediment Sampling	Phosphorus Fractions, Total Iron, Dry Weight, Density	HEC	LAL020 LAL030	4 Cores													
			LAW-E1 LAW-E2														
Lake Observations	Waterfowl, Boat, Fisher, Swimmer Counts	TC, HEC	Lake		C	C	C	C	C	C	C	C	C	C	C	C	C

TC = Thurston County

HEC = Herrera

LMD = Lake Lawrence Lake Management District

WW = wet-weather sample

S = surface sample (1 meter below lake surface)

B = bottom sample (1 meter above sediment)

P = profiles at designated intervals (see Section 6.2)

T = tow from 1 m above sediment to surface

C = count

** = duplicate collected at random site/depth

INT = integrated photic zone sample

Dates for testing stream/discharge monitoring moved to the right (25 Feb, 8 Apr) timeframe due to very low rainfall between November 2024 and February 2025)

Stream flow testing pushed to the right many times due to lack of rainfall.
First test conducted – 25 February 2025
Second test conducted – 8 April 2025
Two more test needed – looking at Nov/Dec 2025

Once we get the CMP Final Plan it will take 1-2 months to obtain approval of the plan from Ecology before we will be able to use a treatment regime recommended by the plan.

Teresi, Joseph (ECY)

30 Sep 25

to me

Hi Barry,

The LCMP must be reviewed and approved by Ecology prior to seeking additional algae program funding for implementation. As stated in the guidelines, algae control applications must have an approved plan in place prior to the end of the application period.

To accommodate extra time for completing and addressing comments for the Lake Lawrence CMP, it might be best to wait to apply until FY28. If the plan ultimately recommends a particular treatment, you may implement that treatment next fall, but at your own expense.

Generally, I work with Will Hobbs to review and provide comments/edits for recipients to address before finalizing the plan. It may take about a month to review depending on our capacity.

Best,

Joey

Joseph Teresi (he/him)

Aquatic Invasive & Algae Control Financial Assistance Project Specialist

Water Quality Program - Financial Management Section

Washington State Department of Ecology

What are we attempting to control/Improve?

- Toxic Algae Blooms.
 - Total Phosphorus “P”
 - PHOSPHORUS SEQUESTRATION METHODS & COSTS Total “P” estimated at 6,717 – 7,709 lbs.
- Dissolved Oxygen Levels at deeper depths.

Eutrosorb

- EutroSORB G - Will receive a briefing on this product at 19 March 2026 LMD meeting.
 - Has 10% Lanthanum.
- PHOSPHORUS SEQUESTRATION METHODS & COSTS Total “P” estimated at 6,717 – 7,709 lbs.
 - Total reset for all P \$1,624,500 to \$2,166,000
 - 10 Year Plan - \$162,450-\$216,600 per year
 - 20 Year Plan - \$81,225 - \$108,300 per year

Estimate provided by Aquatechnex
- Currently used in the following lakes:
 - Long Lake – routine applications – sometimes 2x a year \$200,000+ - no toxic algae blooms since 2021 when treatments started.
 - 2024 Application:
 - May 15, 2024 – 20,000 lbs. of Eutrosorb to 259.38 acres - \$62,552
 - May 29, 2024 – 16,400 gals of Aluminum Sulfate (to strip water column) to 259.38 acres - \$62,552
 - August 14, 2024 – 12,700 lbs. of Eutrosorb G to 165 acres (12” and deeper areas) - \$78,703
 - Did not include testing costs – Long Lake did their own – Those cost would be ~ \$22,100

Total: \$203,807
Not including testing
 - Spanaway Lake – Once a year whole lake application \$160,000 2023, Aug 2024, Late May and Early Aug 2025 – Have still had toxic algae blooms. Still studying Oxygenation System
 - Kitsap Lake – ~\$200k a year – good success. Prior to 2024 Phosloc was used (\$175,000). They are now using Eutrosorb G.

OASE Lake Therapy Product (Info provided by OASE Distributor)

- OASE Lake Therapy – Using Calcium Chloride based products
 - Working on estimates with Company.
 - May not be best product for our lake based on our pH levels.
 - Product currently not approved by WA State. Would require Experimental Phosphorus Sequestration Product Use Plan through WA State Dept of Ecology.

Zero Valent Iron (ZVI)

- **Zero Valent Iron (ZVI) – Hepure Product – inert product**
 - **Approved by APAM – not experimental.**
- **Benefits of Zero Valent Iron Remediation (ZVI):**
 - **Cost-effective** – ZVI remediation provides the most value in consideration of reactivity and longevity in comparison to chemical oxidants
 - **Safe** – does not contain harmful chemicals and are safer to handle when compared to chemical oxidants
 - **Long-term treatment (3-15 years longevity)** – zero valent iron powder provides a long-term treatment solution
 - **Sustainable/recycled/green** – Hepure's ZVI is recycled iron cuttings from production facilities which may be otherwise disposed at a landfill
 - **Destroys contaminants with no toxic end products or by-products** – ZVI is a biotic reaction which destroys the contaminate with no intermediation by products such as dichloroethane and vinyl chloride
 - **Synergistic with bioremediation treatments** – conditions the aquifer for ongoing bioremediation without providing potential bio-toxic chemicals or unfavorable aquifer conditions such as pH
 - **Not impacted by Soil Oxidant Demand (SOD)** – does not react with the soil so all reactivity can be directed to the contaminant

Zero Valent Iron (ZVI) (Info provided by NW Aquatic)

- Currently being used at Steilacoom Lake, Pierce County, WA. Don't know of any other lakes using ZVI in WA State.
 - Granular ZVI used as a targeted product over vents in lake floor or water entry locations (Streams, etc.)
 - Powder ZVI used to strip water column over large areas of lake.
 - 2024
 - April/May granular over vents. Treated with Hydrothol (algicide) prior to using ZVI.
 - July 14,000 lbs. of powder in both basins of lake.
 - Regular testing done.
 - 2025 
 - Apr/May granular used over vents.
 - July 7,000 lbs. of powder used in south basin only.
 - Sep 7,000 lbs. of powder used in south basin only.
 - Regular testing done (monthly).
 - Used some Hydrothol (algicide), not necessary to control toxic algae – used to get rid of excess filamental algae at member's request.
 - No toxic algae blooms in 2025
 - May work here at Lake Lawrence.
- Granular – 12,000 lbs. = \$30,000
Shipping = \$5,950
Application Costs = \$9,000
Sub Total = \$44,950
Power – 14,000 lbs. = \$50,820
Shipping = \$4250
Application Costs = \$61,095
Sub Total = \$116,165
TOTAL = \$161,115

Oxygenation System

- **Aeration/Oxygenation System** (info provided by Sandy Williamson, Spanaway Lake)
 - Currently being studied by Pierce County for use in Spanaway Lake.
 - Air injection system pumped into deepest parts of lake to pump oxygen into lake.
 - Multiple basins/deep areas may require multiple pumping stations.
 - Requires land to install generators, tubes from generators into water at deepest points.
 - 24/7 electricity to run system. ~ \$25,000 a year.
 - Frequent maintenance. Requires maintenance contract.
- Cost – Very expensive, but exact costs dependent on lake. Costs are “for ever costs”. Initial costs about \$2 Million.

Aluminum Sulfate (ALUM)

- Alum is safe to use for people and fish when dosed correctly. A combination of aluminum sulfate and sodium aluminate is used in the treatment. Cyanobacteria thrive on phosphorous but the aluminum binds with it, settles it to the bottom and essentially forms a protective blanket locking the phosphorus into the lakebed.
 - Alum treatments inactivate the internal cycling of inorganic and organic phosphorus.
 - The alum is applied near the water surface, removing phosphorus from the water column as it flocculates and settles. It then covers the bottom sediments to further prevent the internal release of phosphorus from the sediments.
 - pH testing is done throughout treatment to ensure pH levels do not spike. Buffering agents can be added to keep pH levels consistent during application.
 - Alum strips the water column of algae with the unintended effect of increasing light availability and therefore increasing the area of rooted plant growth in lakes. More aquatic plant growth in deeper areas of lake where it did not previously grow.
 - New testing requirements are being recommended in the updated APAM. Will require higher testing costs.
- ALUM applied to Green Lake, Seattle, WA 1991, 2004 and 2016 (\$800,000). (Info found on line)
 - Repeat treatments needed every 5-10 years depending on volume of phosphorus entering lake through vents, streams, rivers, overland flow, etc.
- ALUM applied to Black Lake, Olympia, WA (Info provided by Lake Stintzi, Black Lake SUD)
 - 2017 – Light application ~\$500,000 – three years later toxic algae shows up again.
 - 2021 (\$1.4 Million – included testing and buffering agent). No blooms since. Hopefully will last 10+ years.

Phosloc/Lanthanum

- Phosloc has 10% Lanthanum
- Kitsap Lake –238 acres, Max Depth = 30', Average Depth = 15'
 - August 2022 –
 - \$80,000 Phosloc application to entire lake
 - \$2,000 Water Sampling
 - \$35,000 2nd application of Phosloc in deep water portions of lake
 - Total: \$117,000 not including tax
 - 2024 started using Eutrosorb G - \$175,000

Eutrosorb SI

- New product. (Info provided during webinar with Ecology)
- Iron-Bound Lanthanum.
- Environmental Impact Statement (EIS) in process. Out in Dec 25.
- Granular product – does not strip water column of algae like Eutrosorb G, ALUM and ZVI.
- Should be authorized in March 2026 with publishing of new APAM.
- Will continue to monitor progress and evaluate EIS when completed.

2025 LMD Fragrant Water Lily Treatment Plan

- 15 Jul – 15 Aug – Treatment of Fragrant Water Lily, if required (to be determined in June or July 2025 following lake survey).

2024 Treatment –
2.5 Acres



Treatment Costs:

Jul 19 - \$1,540

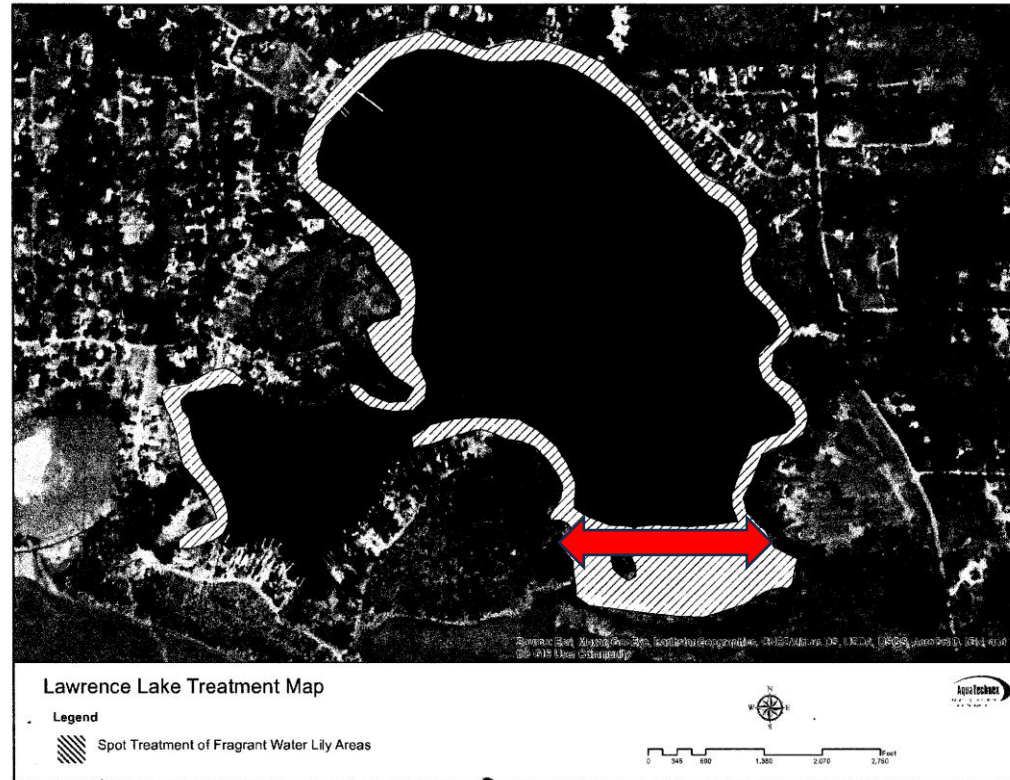
Jul 20 - \$1,517

Jul 22 - \$2,373

Sep 24 - \$2,500

Aug 25 – Est. \$1,875

Recommend 2025
Treatment
End of August
Approx 3 Acres



G = Green = Completed On Time



Y = Yellow = Late – Program Jeopardized



R = Red = Mission Fail

Motion to approve FWL Treatment in August 2025
Treatment done 12 August 2025 for a cost of \$1,875

HOW DO WE GET THERE?

12 STEPS TO LMD FORMATION (IAW RCW 36.61 & Thurston County Lake Management District SOP)

STEP 1 – Draft Petition (RCW 36.61.030 sub para 1)

-  • 20 Mar 2025 – SC decisions on renewal of LMD.
-  • 4 Mar 2025 – DRAFT petition/resolution of renewal completed.
-  • 4 Mar 2025 – DRAFT petition sent to County for approval - Approved by EH 5 Mar 25.

STEP 2 – Petition Complete & Sent to Property Owners (RCW 36.61.030 sub para 1)

-  • 1 May 2025 – Sent petition to all property owners for signature (**RCW requires 20%** by acreage of assessed properties). We have 592 acres of assessed parcels. Require signatures of parcel (assessed) owners owning at least 119 acres of property within LMD to move forward.

STEP 3 – Gather Petition Signatures (RCW 36.61.030 sub para 1)

-  • 17 June 2025, received petitions for **225.60 acres (38.1% of the 592 acres of the LMD)**.
-  • 17 July 2025 SC approves petition list and DRAFT Resolution of intent.

STEP 4 – Petition Sent to and Received by County (RCW 36.61.030 sub para 1)

-  • 24 July 2025 Petition and DRAFT Resolution of Intent delivered to EH.



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HOW DO WE GET THERE?

12 STEPS TO LMD FORMATION (IAW RCW 36.61 & Thurston County Lake Management District SOP) (cont.)

STEP 5 – BoCC approves Resolution of Intent to Establish LMD #26 & Sets public hearing. (RCW 36.61.030 sub para 4)

- 25 Sep 2025 EH emailed BoCC requesting approval of timeline for LMD Renewal.
- Oct 2025 – BoCC Issues **Resolution** of Intention to form Lake Lawrence LMD No. 26 & calls for public hearing.

STEP 6 – **Public Hearing to determine Public Interest & Financial Feasibility (RCW 36.62.040 and 050)**

- Nov 2025 – BoCC holds public hearing.

STEP 7 – BoCC approves/disapproves of LMD Renewal. If approved adopts **Resolution of Findings & Determinations for vote of property owners. (RCW 36.61.070)**

STEP 8 – Jan 2026 Ballots mailed to property owners for vote. (RCW 36.61.080 - 100)

- March 2026 – Ballots counted – residents invited – Atrium Rochester Room #255 at 1:00 pm.
 - Majority of votes NO – LMD will dissolve 31 December 2026
 - Majority of votes YES – LMD will renew 1 January 2027



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Email to BoCC fm EH

25 Sep 25 outlining timeline for LMD Renewal

This timeline by County is not IAW RCW or The SOP approved by the BoCC – LMD SC Sent Email 2 Oct to request clarification and change.

17 Oct, the day following our meeting rec'd email from County Manager acknowledging there should only be 2 public hearings. Will work with EH and PAO to determine why they were recommending 4 and get back to us.

Commissioners,

Members of the Lake Lawrence Lake Management District (LL LMD) steering subcommittee have requested the Board of County Commissioners (BoCC) begin the process for LL LMD renewal before the end of 2025. Public Health & Social Services-Environmental Health (PHSS-EH) staff continues to shepherd through the renewal of the Long Lake LMD No. 25. However, staff have proposed a timeline below that honors both processes.

Background:

Lake Lawrence LMD was originally created in 1986 and is the longest standing LMD in the state. The current LMD was formed in 2016 and expires at the end of 2026.

Overview:

LL LMD steering committee has requested that the process to form Lake Lawrence LMD #26 begin in 2025 versus early 2026. The steering committee's reasoning is that they desire more certainty that the BOCC will approve the new LMD because they are planning on initiating their (currently draft) cyanobacteria management plan in 2026 and that plan will require annual treatments to be effective.

Action Item:

PHSS-EH recommends the proposed timeline for Lake Lawrence LMD No.26 beginning with actions in October and November of 2025, and the remainder of the process occurring in 2026.

- October 2025
 - Call for public hearing on proposed Resolution of Intention to form Lake Lawrence LMD No. 26
- November 2025 (*Same meeting*)
 - Public hearing and approval of Resolution of Intention
 - Call for public hearing for the Resolution of Findings & Determinations for Lake Lawrence LMD No. 26
- January 2026 (*Same meeting*)
 - Public hearing and approval of the Resolution of Findings & Determinations for Lake Lawrence LMD No. 26
 - Call for public hearing for the Ordinance creating Lake Lawrence LMD No. 26
- February 2026 (*Same meeting*)
 - Public Hearing and approval for the Ordinance creating Lake Lawrence LMD No. 26
 - Call for public hearing for the Resolution Confirming and Approving the Roll of Assessment for Lake Lawrence LMD No. 26
- March 2026
 - Public hearing and approval of the Resolution Confirming and Approving the Roll of Assessment for Lake Lawrence LMD No. 26
- January 2027
 - Lake Lawrence LMD No. 26 in operation

Note(s):

- Concurrent process: The above timeline uses the newly developed concurrent process (in place of the sequential process), wherein action items that can proceed concurrently occur during the same BoCC meeting. This concurrent process was developed with input from the Clerk of the BoCC and affirmed by the County's PIO.
- Standard Sequential process: wherein each individual action item occurs at sequential BoCC meetings, which adds several months to the process.
 - For newly forming LMD's the Standard Sequential process would be recommended to allow time for more public input.

Please let us know if there are questions or concerns regarding the plan to honor the Lake Lawrence LMD steering committees request to move their renewal as quickly as possible through the process, starting in 2025.

LMD Renewal Letters to OFM/DNR/Ecology/WDFW

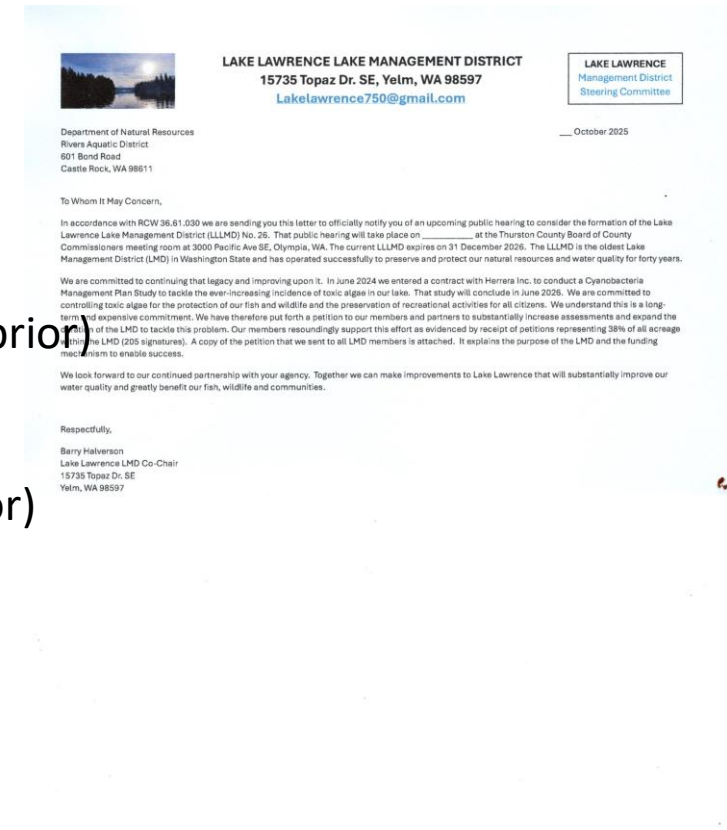
IAW RCW 36.61.030 requires we send a letter to these agencies at least 15 – 30 days prior to first public hearing on our LMD Renewal with a copy of the Resolution of Intent signed by the commissioners:

WA State Office of Financial Management (Registered Mail – 30 Days prior)
Department of Natural Resources (Registered Mail – 30 Days prior)
WA State Department of Ecology (First Class Mail – 15 Days prior)
WA State Department of Fish & Wildlife (First Class Mail – 15 Days prior)

Date letters sent: _____

We have already sent emails to these agencies as far back as May 2025.

Will need to purchase a book of first class stamps & pay for registered mail **Approve/Disapprove**



HOW DO WE GET THERE?

12 STEPS TO LMD FORMATION (IAW RCW 36.61 & Thurston County Lake Management District SOP) (cont.)

STEP 9 – BoCC adopts **ordinance creating LMD if majority votes YES. (RCW 36.61.100)**

STEP 10 – **Notice of LMD Establishment published in Local Paper within 10 days of adoption (RCW 36.61.100). **Notice** of Objection Public hearing sent to property owners at least 20 days in advance of public hearing (RCW 36.61.140).**

STEP 11 – Mar/Apr 2026 **Public Hearing on Roll of Rates & Charges. (RCW 36.61.140)**

STEP 12 – Apr/May 2026 BoCC Approves/Disapproves/Amends the **Resolution Confirming the Roll of assessment for Lake Lawrence No. 26. (RCW 36.61.130)**

- Within 30 days of approving the Resolution Confirming the Roll of Assessment the county legislative authority will file the resolution and pertaining documents with the County Treasurer (RCW 36.61.220)
- January 2027 – Lake Lawrence LMD No. 26 operational.



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In the next scheduled LMD meeting before archiving to the Completed Items folder.						
AI Number / Date Assigned	ECD	Action Assigned to	Action Item	Notes	STATUS	DETAILS
2016-1 2016	2024/25	Barry	Keep members informed of Shoreline Master Program		G	Moving fwd to Ecology for approval as of 12 Dec 23
NO CHANGES SINCE LAST MEETING						
2022-3 7/25/2022	Unknown	Frank	YFI Floating Island Removal	Letter sent to WR Mgr 25 Jul 22 - WR Mgr to coordinate grant with DNR (State Noxious Weed Issue). No LMD funds to be used as this is a Noxious Weed/State responsibility. DFW for removal of debris via boat launch. This is a hazard to navigation. Large island has broken loose from moorage twice and has had to be towed back to cove. 8 Mar 23 LMD Mtg - WR Mgr stated not a county responsibility. LMD sent ltr to PW Dir 24 Mar 23. 2 May - Rec'd Response from WR Mgr - Not PW Dir. SC approved recommendation to forward a letter to BoCC to find a solution. Discussed at LMD Mtg 26 July. Response from County Staff - not their job. Frank sent draft letter going to DNR to WR Mgr for review/comment. WR Mgr saw no errors in content. Frank will finalize letter to DNR and send in next couple of weeks with CC to WR Mgr, Commissioners and State Reps. Letter sent to DNR 7 Sep 23. No response to letter sent to Rep Abbarno, Orcutt and Senator Braun 10 Oct 23. 30 Oct 23 DNR and DFW personnel came out to lake and met with Frank Hudik. Took a tour of lake "Berthing Areas" and discussed problem. DNR is refuting responsibility. Next Step is to reengage with Rep Abbarno. Frank briefed Abbarno then sent brief and letter to all stakeholders. LMD notified by Orcutt that WA State Courts had changed legislative boundaries and Lake Lawrence was no long in District #20, but instead in District #2 under JT Wilcox and Andrew Barkis. Frank set up meeting to brief Wilcox and Barkis on issue. That was done on 13 May. Both agreed to take up the issue with DNR. Virtual meeting with WDFW, Ecology and Representative Wilcox 1 July 2024 - Wilcox will work on getting \$ from Capitol Budget for DNR to find solution.	G	Awaiting response from stakeholders
2023-2 3/8/2023	1-Mar-24	Kim	Boating Rules Sign at Public boat launch	Check out sign at Blue or Clear Lake Boat Launch - do they meet our need. Bring recommendation back to 10 May 23 Mtg. Bring wording for sign back to 26 July LMD Mtg. Curt no longer with SC. Kim volunteered to head this up. Will provide input at 11 Oct LMD Mtg. Updated committee and provided examples and initial cost estimate for sign (\$500). More research being done will bring back to SC at March 21, 2024 LMD Mtg. LMD SC decided to table any further discussion/effort on this task at the May 16th, 2024 LMD meeting	G	See notes from LMD SC Mtg May 16, 2024

2026-2027 BUDGET & WORK PLAN

- ★**G** • 6 May 2025 emailed to SC Members for review/comment.
- ★**G** • 15 May 2025 reviewed/discussed at LMD Meeting.
- ★**G** • 17 July 2025 final review/discussion/approval at LMD meeting.
- ★**G** • 20 July 2025 forward to EH.
- ★**G** • Status as of 16 October 2025 – Budget accepted and approved by EH



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Lake Lawrence Management District

2026-2027 Proposed Budget

	2025 Budget	2026 Proposed Budget	2027 Proposed Budget
REVENUE			
Operating Assessment Charges	118,000	118,000	195,200
Algae Grant, Dept of Ecology	25,000	25,000	-
TOTAL REVENUE	143,000	143,000	195,200
EXPENSES			
Professional Services			
Invasive Weed Treatment	74,600	86,100	93,600
Cyanobacteria Management Plan Study	60,000	60,000	-
Cyanobacteria/Algae Treatment	-	210,000	184,000
Nutrient Testing	-	15,000	15,000
Total Professional Services	134,600	371,100	292,600
County Administrative Rate at 5%	6,000	5,900	9,760
Operating, Communication and Supplies	3,360	2,675	5,575
LMD Renewal Expenses	1,000	5,000	-
TOTAL EXPENSES	144,960	384,675	307,935
NET (Revenue-Expenses)	(1,960)	(241,675)	(112,735)
Estimated Beginning Fund Balance	381,960	380,000	138,325
Estimated Ending Fund Balance	380,000	138,325	25,590



Danger Shallow Water Diamond Sign No Diving Caution Warning Aluminum Metal Sign
 Sign Fever (30838)
 99.5% positive Seller's other items Contact seller
 US \$14.99

Recommendation:

April 2025 install 3 signs on steel stakes 100-150' apart across the southern end of Lake Lawrence to warn boaters of extreme shallow water dangers.

Cost:

Signs – 3 x \$20 = \$60

10' Square Sign Post – 3 x \$84ea. +tax & Shipping = \$100 ea.

Tamper Proof Bolts – 10 x \$14+tax (Home Depot)

Tamper Proof Nuts – 10 x \$12+tax (Home Depot)

80 lb Concrete – 3 x \$6 + tax (Home Depot)

TOTAL: \$404+tax +/- 10% APPROVE AT 17 OCT 24 LMD MTG

8/27/24, 1:45 PM

Danger Shallow Water Diamond Sign No Diving Caution Warning Aluminum Metal Sign | eBay
 Danger Shallow Water Diamond Sign 12x12

Features:

- High quality detailed professionally printed directly on the Aluminum Metal
- Size: 12"x12" Diamond Shape Sign
- Made in the USA, at our own production facility in Dallas, TX.
- High Gloss Aluminum with UV Protective Coating. Suitable for outdoor use.
- Rounded Corners
- Two Drilled Holes for Easy Mounting
- Easy to install, can be used on most platforms.
- No Screws or stake included
- High gloss UV coating resists fading

Square Sign Post - 10 ft



Eliminate the need for multiple posts.

- Signs attach to all four sides.
- Rust-resistant galvanized steel.
- Use with Post and Traffic Signs, Post Anchor and Post Caps, sold separately.

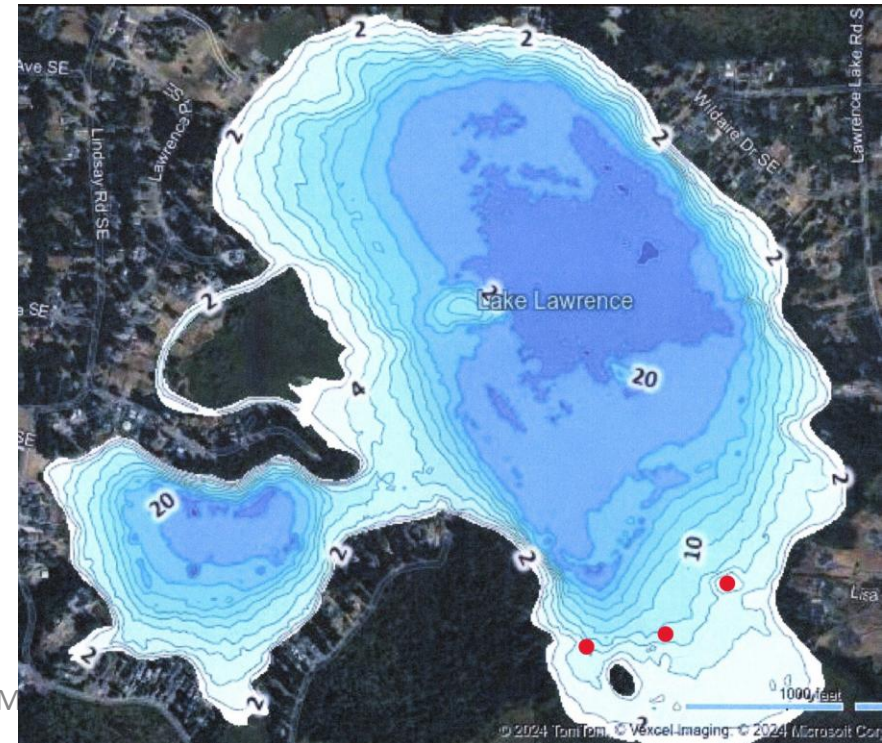
MODEL NO.	SIZE	DESCRIPTION	PRICE EACH	IN STOCK	SHIPS TODAY
H-5516	10 ft	Square Post	\$88 \$84 \$80	1	200

DNR/WDFW – No issues

County EH – ?

County Sheriff – Deputy Cady, Boating Enforcement Officer

– No legal issues as long as lake organization board approves.

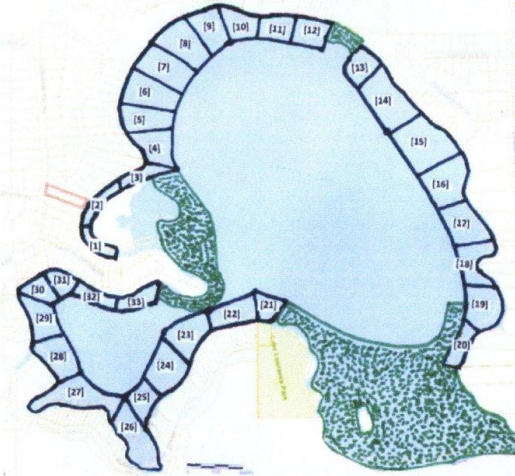


NEW BUSINESS

19 August 2025 LAKE SURVEY RESULTS

LAKE LAWRENCE SURVEY SHEET

DATE: 19-Aug-25						COLLECTOR(S): Barry, Jim, Janice, Ken, and Terry											
		Air Temp: 65	Water Surface Temp: 78-80	Weather: Clear and calm													
AVAS	Rake Pull	Geographic Location	Lat/Long	Depth (ft)	Water-Nymph	Nitella	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 was clear. Visibility was 6+ feet.															
		Blue/Green Toxic Algae was present along the shoreline out to 200 feet in front of AVAS Areas: 10 thru 18. We have not had a test to determine the toxicity level Be cautious while swimming in these areas.															
		It is migration time for geese. 158 Geese were counted during this survey.															
		Water Nymph was present at a level 1 in AVAS Areas 11, 14, and 24															
		Nitella was present at levels 1 and 2 in AVAS Areas 4, 5, 10, 12, 13, 16, 26, and 30															
		Big Leaf Pondweed was present at levels 1 thru 3 in AVAS Areas 20 and 22															
		Floating Leaf Pondweed was present at level 1 in AVAS Area 13															
		Tape Grass was present in most AVAS Areas at levels 1 thru 5. The absence of other vegetation has eliminated competition and allowed Tape Grass to flourish. We do not have a treatment to control Tape Grass.															
		Eel Grass was present at levels 1 and 2 in AVAS Areas 20 and 30															
		Fragrant Water Lily was present at levels 1 and 2 in several shoreline areas. The large patches of FWL in the southend of the lake was treated last week.															



2026 LMD Invasive/Nuisance Aquatic Weed Treatment Plan

-  • July 2025 – LMD budget \$80,000 for 2026 for Invasive/Nuisance Aquatic Weed Control.
-  • 19 August 2025 – Survey Committee & ARS conduct end of year survey to assess type of weeds and density.
-  • October 2025 – Virtual meeting with contractor to discuss 2026 treatment plan – Met with contractor 2 Oct 25. Contractor working on est. for 2026 treatment for weeds and Algae Treatment.
-  • Prior to Feb 2026 - Contractor to provide cost/application recommendations for Spring 2026 treatment of Curly Pondweed. Total area to be treated = ~34 acres. Cost est. = \$71,308 includes additional 3 acres.
 - March 2026 - APAM Notice mailed to lake front residents 10 days prior to any treatment. APAM Notice Cost est. \$_____. Mailed _____ March 2026/
 - April – August 2026 - Survey Committee – monthly lake surveys.
 - ____ April (a few weeks earlier than last year) – Treatment of invasive/nuisance aquatic weeds using Sonar One. Recommended by contractor.



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Sonar One 2025

31 Acres

3 applications – two weeks apart

First Treatment: 6 May 2025

Second Treatment: 4 June 2025

Third Treatment: 30 June 2025

Cost: \$63k or \$2032 per acre

Previous Treatments:

2021 – Sonar One – 25 Acres - \$1,856 per acre

2022 – Aquathol K – 33.5 Acres - \$1,325 per acre

2023 – No treatment

2024 – Galleon SC – 26 Acres - \$1,097 per acre



2026 LMD Yellow Flag Iris Treatment Plan

- ★ **G** • Oct 2025 – County Noxious Weed confirms treatment (\$1,500 cost to LMD & \$2,000 cost to County via Grant Funds)
- Jan/Mar – Send out and Receive permission letters for treatment:
 - Jan 7, 2026 – Send out first email to capture permission letters from 24 private parcels
 - Feb 7, 2026 – Send out second email sent.
 - April 1, 2026 – Send permission letters to PW Noxious Weed
- Apr/May – Send out treatment notification cards. Sent out ____ April 2026
- May – PW Noxious Weed treats YFI. Email from Mike Murphy, Noxious Weed Mgr – Expect to treat between 5 and 15 May 2025.
- Cost to LMD \$1,500 Approved at ____ Mar 2026 Mtg



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2025 LMD Fragrant Water Lily Treatment Plan

- 15 Jul – 15 Aug – Treatment of Fragrant Water Lily, if required (to be determined in June or July 2025 following lake survey).

2024 Treatment –
2.5 Acres

Treatment Costs:

Jul 19 - \$1,540

Jul 20 - \$1,517

Jul 22 - \$2,373

Sep 24 - \$2,500

Aug 25 –\$1,875

2025 Treatment
Approx 1.5 Acres



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Lake Lawrence LMD Annual Report

- Discussed at 25 Sep 25 Annual Meeting.
- Final Draft sent to all SC Members last week for final review.
- Any comments/concerns?
- I would entertain a motion to approve the Lake Lawrence LMD Annual Report for 2024-2025.
- Approve_____ Disapprove_____

ANNUAL MEETING 25 SEP After Action Review

Cost: \$184.47

LMD Members Present: 34

of Elected Leaders RSVP YES: 5 (Commissioners Mejia, Grant, Clouse; Senator McCune; County Sheriff Sanders)

of Elected Leaders Present: 1 (Commissioner Grant)

2026

January						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

February						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18		20	21
22	23	24	25	26	27	28

March						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18		20	21
22	23	24	25	26	27	28
29	30	31				

April						
S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13		15		17	18
19	20	21	22	23	24	25
26	27	28	29	30		

- LEGEND**
-  LMD MTGS
 -  CMP MTGS
 -  SURVEYS
 -  ANNUAL MTG
 - V VIRTUAL

May						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11		13		15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

June						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8		10		12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

July						
S	M	T	W	T	F	S
			1	2	3	4
5	6		8	9	10	11
12	13	14	15		17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

August						
S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17		19	20	21	22
23	24	25	26	27	28	29
30	31					

September						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23		25	26
27	28	29	30			

October						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14		16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

November						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

December						
S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

2026 LMD Meeting/CMP/ Survey Schedule

Move to approve 2026
LMD Meeting/CMP/
Survey Schedule

Yeah's _____ Nah's _____

2026 SC Meeting Schedule (6:30-8:30 p.m.):

- Thursday 19 February (Virtual)
- Thursday 19 Mar (Virtual)
- Thursday 14 May (In Person)
- Thursday 16 July (Virtual)
- Thursday 15 Oct (In Person)

2026 CMP Meeting Schedule:

- Mtg#4 – Thursday 16 Apr 2026 2 hours In-Person w/All LMD 6:30-8:30 p.m.
- Mtg#5 – Thursday 11 Jun 2026 2 hours virtual w/SC 6:30-8:30 p.m.

2026 Survey Schedule – 9 a.m. (3 hours):

- Tuesday 14 Apr
- Tuesday 12 May
- Tuesday 9 June
- Tuesday 7 July
- Tuesday 18 August

Annual Meeting – 6:30-8:30 p.m.

- Thursday 24 September

LMD Hand Receipts

Lake Lawrence Lake Management District Equipment Inventory Sheet

Steering Committee Designated POC:						
Equipment Nomenclature (Description)	Date Purchased	Purchase Price (ea)	Quantity	Equipment Storage Location	Date Last Inventoried	Name of person(s) conducting inventory
Midwest Rake Company, Lake Rake	11-May-21	\$109.40			1-Oct-25	
				Printed Name/Signature		
				of person controlling equipment		

Other Business

- Good of the Order
 - Schedule Etrophix Presentation for March 2026 LMD Meeting (30 Minutes)

GRANT FUNDING

- Kim Farnes
- Objective – to obtain one grant a year beginning in 2027.
- Grant Opportunities:
 - 1 Oct 2026 - \$50,000 Grant for Freshwater Algae Control Grant Program for Fiscal Year 2028. Fund Manager: Joseph Teresi, Aquatic Invasive & Algae Control Grants Manager, Dept of Ecology, joseph.teresi@ecy.wa.gov
 - Cyanobacteria control and management
 - Storm Water Drainage & Erosion Control (LLCC HOA Park/Wildaire HOA Park & Drainage)
 - Habitat Restoration Goat Island/County Park/HOA Parks
 - Water quality monitoring equipment (Secchi Disk/Kemmerer Gauge/Water Quality Sonde w/4 Probes & 50FT Cable – same one as used by Thurston County Environmental Health) – John Haberline john.haberline@co.Thurston.wa.us
 - Water quality testing equipment

Picture of Low Water Lake Lawrence 3 Oct 25



Slough West Lake



Slough southwest end of
Main Lake Lawrence



South end of canal



East end of canal



Center of canal

Issuance Date: March 17, 2021
Effective Date: April 21, 2021
Expiration Date: March 21, 2026

AQUATIC PLANT AND ALGAE MANAGEMENT GENERAL PERMIT

A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM AND STATE WASTE DISCHARGE GENERAL PERMIT

State of Washington
Department of Ecology
Olympia, Washington

In compliance with the provisions of
Chapter 90.48 Revised Code of Washington
(State of Washington Water Pollution Control Act)
and
Title 33 United States Code, Section 1251 et seq.
The Federal Water Pollution Control Act (The Clean Water Act)

Until this permit expires, is modified or revoked, Permittees that have properly obtained coverage under this general permit are authorized to discharge in accordance with the special and general conditions that follow.



Vincent McGowan, P.E.
Water Quality Program Manager
Washington State Department of Ecology

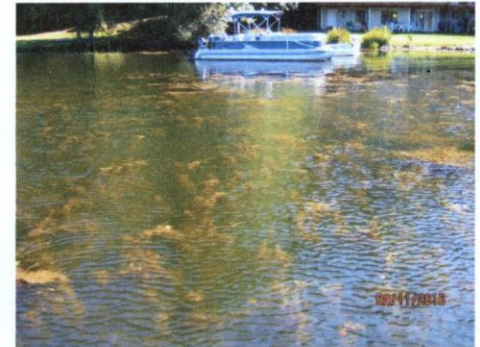


AQUATIC NUISANCE WEED CONTROL PRESCRIPTION

THURSTON COUNTY Lake Management Districts

The goal of this Nuisance Aquatic Plant Program is to protect beneficial uses and the natural environment of the lake while maintaining a balance between habitat, water quality, recreational and aesthetic values. The intention of the program is not to eradicate native plants, but rather to lower excessive and sometimes dangerous plant densities while preserving a healthy ecosystem.

This prescription applies specifically to Lake Lawrence, Long Lake, Pattison Lake and Offut Lake, Thurston County Lake Management Districts (LMDs). LMDs are predominantly shallow, eutrophic lakes which naturally supports a robust community of submersed aquatic plants and warm water fisheries. At normal densities, these plants provide important habitat and food for fish and other wildlife. Nutrient uptake by aquatic vegetation improves water quality and clarity and can help suppress blooms of harmful algae. At higher densities, excessive vegetation can degrade aquatic environments by reducing light penetration and oxygen levels, lowering diversity of native species and restricting recreational use by boats, kayaks, paddleboards and swimming. In extreme cases, excessive aquatic vegetation can impose a dangerous risk of entanglement to swimmers.



Excessive plant densities in Thurston County LMDs are aggravated by several conditions:

1. Shallow water: extensive areas with shallow water and gradual slopes allow sunlight to easily reach the lake's sediments, encouraging rooted aquatic plant development.
2. High nutrient levels in the water and sediments from storm water runoff; high phosphorus levels in parent soils & sediments; input from surrounding agricultural sources, wetlands and upland lakes; and septic systems that may be failing or not well maintained.
3. Warmer weather increases temperatures in ground water, open water and surrounding soils, which in turn allows for a longer growing season, longer boating and fishing seasons. Ground water temperatures have increased 2° F in the last ten years.
4. Fluctuations in lake levels can allow established plants to expand into deeper water.

Some of the aquatic species that commonly contribute to excessive densities in the lake:

<i>Potamogeton amplifolia</i>	Big-leaf Pondweed
<i>Potamogeton strictifolius</i>	Narrow-leaf Pondweed
<i>Elodea canadensis</i>	American Waterweed (Elodea)
<i>Najas</i> sp.	Water Nymph
<i>Stukenia pectinate</i>	Sago Pondweed
<i>Nitella</i> sp.	Nitella
<i>Filamentous algae</i>	(these use the other macrophytes as "scaffolding")

Table 2: Specific Restrictions on the Application of Herbicides and Algaecides for Control Projects

Active Ingredient ¹	Subject to Timing	Restrictions/ Advisories	Treatment Limitations	Other Specific Restrictions
2, 4 - D (amine) ²	Yes for salmon, steelhead, bull trout – check timing window map for other priority species	Swimming advisory during treatment, and for 24-hours post-treatment (in the treated area)	Control projects only: Do not apply within 400 feet of an outlet stream if there is an outflow.	Consult FIFRA product label for water use restrictions
2, 4 - D (ester) ²	See other specific restrictions – Yes for salmon, steelhead, bull trout – check timing window map for other priority species	Swimming restriction during treatment, and for 24-hours post-treatment (in the treated area)	None	Do not use in salmon-bearing waters.
Aminopyralid	No for fish - check timing window map for other priority species.	48-hour re-entry restriction post-treatment (in the treated area)	Do not apply: ➤ To emergent or shoreline vegetation along undeveloped areas of surface waterbodies. ➤ In habitats where native vegetation restoration is desired (e.g., mitigation sites, riparian areas, and natural corridors).	If soil or dead plants in treated areas are being removed, consult the product label to determine appropriate soil and plant disposal methods.
Bispyribac-sodium	No for fish - check timing window map for other priority species.	None	None	None
Carfentrazone-ethyl ²	Yes for salmon, steelhead, bull trout – check timing window map for other priority species	None	None	None
Diquat ²	Yes for salmon, steelhead, bull trout – check timing window map for other priority species	Swimming advisory during treatment, and for 24-hours post-treatment (in the treated area)	➤ Do not pour Diquat directly from the container into the waterbody. ➤ Do not apply to emergent shoreline vegetation (e.g., cattails, bulrush)	Consult FIFRA product label for water use restrictions.

Thurston County Prescription: PRODUCT NAMES

Aquathol K & Super K



ProcellaCOR EC



Sonar One, Q & PR



Aquamaster



Polaris



Clearcast & Clearcast 2.7G



Active Ingredient ¹	Subject to Timing	Restrictions/ Advisories	Treatment Limitations	Other Specific Restrictions
<i>Endothall</i> (dipotassium salt) ²	Yes for salmon, steelhead, bull trout – check timing window map for other priority species	Swimming advisory during treatment, and for 24-hours post- treatment (in the treated area)	Do not apply within 400 ft of an outlet stream if there is an outflow.	Consult FIFRA product label for water use restrictions.
<i>Endothall</i> (mono salt) ²	Yes for salmon, steelhead, bull trout –check timing window map for other priority species	Swimming advisory during and for 24- hours after treatment (in the entire waterbody)	➤ Use for control of filamentous algae, cyanobacteria, or harmful algae only. See S1.A.2(b) ➤ Limit concentrations to 0.2-mg/L of active ingredient	➤ Treatment must occur from the shoreline outward into the waterbody. ➤ Consult FIFRA product label for water use restrictions.
<i>Florpyrauxifen-benzyl</i>	No for fish - check timing window map for other priority species.	None	None	None
<i>Flumioxazin</i> ²	Yes for salmon, steelhead, bull trout –check timing window map for other priority species	None	None	None
<i>Fluridone</i>	No for fish - check timing window map for other priority species.	None	Unless operating under a Fluridone Vegetation Management Plan (Appendix C), Ecology further limits fluridone application to no more than 50 percent of the littoral zone in lakes up to 50 acres and no more than 40 percent of the littoral zone in lakes from 50 - 500 acres.	None
<i>Glyphosate</i>	No for fish - check timing window map for other priority species.	None	None	None
<i>Imazapyr</i>	No for fish - check timing window map for other priority species.	None	None	None
<i>Imazamox</i>	No for fish - check timing window map for other priority species.	None	None	None

Thurston County Prescription: PRODUCT NAMES

Galleon SC



Active Ingredient ¹	Subject to Timing	Restrictions/ Advisories	Treatment Limitations	Other Specific Restrictions
<i>Penoxsulam</i>	No for fish - check timing window map for other priority species.	None	None	None
<i>Peroxyacetic / Peracetic Acid plus Hydrogen Peroxide</i>	No for fish - check timing window map for other priority species.	None	Do not treat plants growing on the shore	None
<i>Sodium carbonate peroxyhydrate</i>	No for fish - check timing window map for other priority species.	None	Do not treat plants growing on the shore	None
<i>Topramezone</i>	No for fish - check timing window map for other priority species.	None	None	None
<i>Triclopyr TEA</i>	No for fish - check timing window map for other priority species.	Swimming advisory during treatment, and for 12-hours post-treatment (in the treated area)	Aerial applications are not allowed	Consult FIFRA product label for water use restrictions.
¹ = The full chemical name for each active ingredient is included in Appendix A – Definitions. ² = Timing window restrictions for priority fish species apply in addition to timing windows identified for other priority non-fish species, see WDFW timing window map for more information https://wdfw.maps.arcgis.com/apps/MapSeries/index.html?appid=34533b2dd4f84932b5fd1a46e494bde6				

County Lake or other waterbody	Priority Species Known Occurrence*	Recommended Aquatic Herbicide Application Treatment Windows (Treatment allowable within date range shown, inclusive)	Rationale for non-fish Window (See Notes)
Black River	Oregon spotted frog, coho, resident cutthroat, coastal cutthroat, red band trout, Chinook, winter steelhead,	Avoid treatment. If treatment is necessary to control noxious weeds, consult WDFW Region 6 office at (360) 249-4628 to determine treatment areas to avoid impacts to Oregon spotted frog.	2
Blue		Year-round as needed	
Chambers	Wood duck	Year-round as needed	
Chehalis River	Coho, resident cutthroat, coastal cutthroat, red band trout, Chinook, winter steelhead	July 15 - Dec 31	
Deep	Coho, coastal cutthroat, winter steelhead, hatchery rainbow, wood duck, Olympic mudminnow	July 15 - Dec 31	1
Dempsey Creek	Oregon spotted frog	Avoid treatment. If treatment is necessary to control noxious weeds, consult WDFW Region 6 office at (360) 249-4628 to determine treatment areas to avoid impacts to Oregon spotted frog.	2
Elbow	Wood duck, common loon	July 15 - Dec 31. Also, stay 500' away from loon nursery pools July 15 - Sept 1, or contact WDFW Region 6 office at (360) 249-4628 to determine ways to minimize disturbance.	1, 4
Fish Pond Creek (Black Lake trib)	Oregon spotted frog	Avoid treatment. If treatment is necessary to control noxious weeds, consult WDFW Region 6 office at (360) 249-4628 to determine treatment areas to avoid impacts to Oregon spotted frog.	2
Hicks	Hatchery rainbow, wood duck	July 15 - Dec 31	
Horseshoe		Year-round as needed	
Ken		Year-round as needed	
Lawrence	Hatchery rainbow, waterfowl concentration	Year-round as needed	
Lois	Coho, resident cutthroat, anadromous cutthroat, winter steelhead, wood duck	July 15 - Dec 31	1
Long	Coho, resident cutthroat, anadromous cutthroat, winter steelhead, wood duck, common loon	July 15 - Dec 31, or contact WDFW Region 6 office at (360) 249-4628. Also, stay 500' away from loon nursery pools July 15 - Sept 1	1, 3, 4
Longs Pond	Wood duck	Year-round as needed	
Lost		Year-round as needed	
Lucinda		Year-round as needed	
Munn	Wood duck	July 15 - Dec 31F	
Offut	Wood duck, great blue heron, bald eagle	Through July 31, stay 1,000' from great blue heron rookeries, or contact WDFW Region 6 office at (360) 249-4628. If nesting bald eagle observed, contact Region 6 office prior to treatment.	1, 3
Pattison	Coho, resident cutthroat, anadromous cutthroat, winter steelhead, waterfowl concentration, wood duck, common loon, bald eagle	July 15 - Dec 31. Stay 500' away from loon nursery pools July 15 - Sept 1, or contact WDFW Region 6 office at 360-249-4628.	1, 3, 4
Salmon Creek	Oregon spotted frog	Avoid treatment. If treatment is necessary to control noxious weeds, consult WDFW Region 6 office at (360) 249-4628 to determine treatment areas to avoid impacts to Oregon spotted frog.	2
Scott	Coho, coastal cutthroat trout, hatchery rainbow, wood duck	July 15 - Dec 31	1



Why is there a restriction
as to when we can use
different chemicals?

This information obtained from below link (also found on page 18 of APAM):

<https://wdfw.maps.arcgis.com/apps/MapSeries/index.html?appid=34533b2dd4f84932b5fd1a46e494bde6>

*** Priority species known occurrence**

This column lists species on WDFW's Priority Habitats and Species List that are known to occupy the water body. This information, in conjunction with PHS Management Recommendations and review of WDFW biologists, was used to develop the treatment windows. The PHS List and Management Recommendations can be found online at: <http://wdfw.wa.gov/conservation/phs/>.

NOTES (Source: WDFW Priority Habitats and Species management recommendations, <http://wdfw.wa.gov/conservation/phs/>)

1. Cavity nesting ducks and waterfowl concentrations

The use of herbicides in or near wetlands may adversely affect ducks and waterfowl by removing aquatic vegetation. Waterfowl concentrations are also subject to disturbance from human activity.

Why is there a restriction as to when we can use different chemicals?

Revised: 2/23/2016

2. Oregon spotted frog, Columbia spotted frog, and Northern leopard frog

Avoid using herbicides or algaecides in, or adjacent to, water bodies used by these frogs. Algae, which are eaten by tadpoles, should not be removed or treated in wetlands where these frogs occur.

3. Great blue heron (rookeries) and nesting bald eagles

Heron rookeries are sensitive to disturbance during nesting season (generally to July 31). Nesting eagles are most sensitive to disturbance Feb 1 - April 15. They are establishing territories and beginning incubation at this time. The chicks typically hatch in mid to late April. The young typically fledge (leave the nest) in mid-July. At that time, just before fledging, they are vulnerable and can be frightened off the nest before they are able to fly. Disturbance by the physical act of herbicide application could be of concern during these times.

4. Common loon and red-necked grebe

Sensitive to nest and nursery disturbance. Nesting occurs through July 15th, followed by brood rearing in nursery pools through Sept 1. "Nursery pools" are where chicks feed and are reared. Chicks swim to the nursery pool within days after hatching. They are usually located at water's edge where the lake bottom drop off is steep enough to allow underwater arrival and departure for adults, but pool depth shallow enough to limit predator size.

5. American white pelican

Avoid using herbicides in American white pelican nesting habitat.

6. Yuma skipper and Shepard's Parnassian

Aerial and roadside spraying for weeds eliminates many butterfly host plants.

7. Pacific (western) pond turtle

The specific locations of Pacific pond turtle are not released at a scale finer than one-quarter township (9 square miles). Consult WDFW before applying

VEGETATION TREATMENT OPTIONS

Chemical	Thurston County Rating	Action	APPLY TO:	# of App Req	Water- Nymph	Common Elodea	Narrow - Leaf Pondweed	Curly Pond- weed	Big Leaf Pondweed	Tape Grass	Coontail	Sago Pond- weed	Pennywort	Milfoil	Fragrant Water Lily	YFI
SONAR Q, SONAR PR, SONAR ONE (FLURIDONE)	PASSED	SYSTEMIC	SUBMERGED	2 TO 3	C	C	C	C	LC	PC	C	LC	NC	C	PC	NC
AQUATHOL K & SUPER K (ENDOTHALL)	CONDITIONAL	CONTACT	SUBMERGED	1	C	NC	C	C	C	LC	C	C	NC	C	LC	NC
GALLEON SC (PENOXSULAN)	PASSED	SYSTEMIC	SUBMERGED	2	PC	C	NC	C	NC	NC	NC	C	C	C	NC	NC
CLEARCAST (IMAZAMOX)	PASSED	SYSTEMIC	SUBMERGED & TERRESTRIAL	1	PC	NC	PC	C	PC	NC	LC	C	C	C	C	NC
POLARIS (IMAZAPYR)	CONDITIONAL	SYSTEMIC	TERRESTRIAL	1									C		C	C
AQUAMASTER (GLYPHOSATE)	FAILED	CONTACT	TERRESTRIAL	1												
PROCELLACOR	PASSED		SUBMERGED & TERRESTRIAL	1							PC		C	C		
LEGEND:																
C = CONTROLLED																
PC = PARTIALLY CONTROLLED																
LC = LESS CONTROLLED																
NC = NOT CONTROLLED																
NOTES:																
Sonar (Floridone) - Saw limited impact on Big Leaf and Sago Pondweed after use of Sonar One in 2025. Could have been concentration used.																
Aquathol (Endothall) -																
Galleon SC has shown to be able to control Elodea																
Clearcast (Imazamox) - Control for Eurasian Milfoil																
Polaris (Imazapyr) - Historical use over several years has shown this herbicide to be effective against YFI although label instructions do not show that.																

These options are based on:

1. Lake Lawrence experience over past 10 years.
 2. Review of product label instructions.
 3. Review of Univ. of Florida article on Efficacy of Herbicide Active Ingredients Against Aquatic Weeds Published Sep 06 and revised Feb 18.
 4. Review by WA State Aquatic Plant Specialist Aug 25.
- NOTE: Each lake is unique. Some plants identified here as PC, LC or NC may experience increased impact by higher concentration of product, application method(s) and/or application timing among other factors.

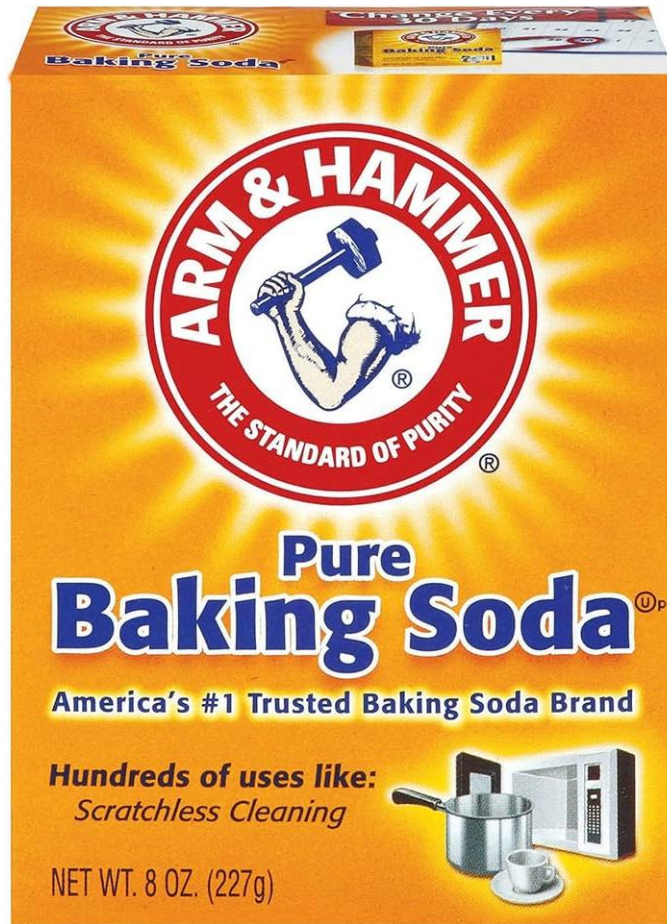
SAFER Alternatives that **SAVE** you **Money!**

By Barry Halverson, Email [LINK](#) YouTube Channel [LINK](#)



KILL SLUGS, ANTS, AND MORE WHILE SAVING MONEY USING COMMON HOUSEHOLD PRODUCTS NOT HARMFUL INSECTICIDES

Use this



Baking Soda KILLS Slugs, Ants, Silverfish, fleas, Bed Bugs, Spiders, Aphids, etc. when married with the right common household ingredients.

Video

Watch this 20 Min Video from Zen Garden Oasis to learn how to stop using harmful Insecticides ...

How to turn Baking Soda into a Powerful Pesticide for your Home & Garden [LINK](#)

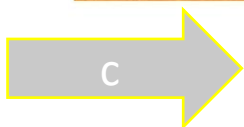
DON'T USE THESE PRODUCTS



\$14.97



\$9.27

 **\$1.47**

WASPS, HORNETS, YELLOW JACKETS

Use this



Hang a 2-Quart plastic bottle with fruit inside. Hornets, wasps, and yellow jackets die inside before they figure how to get out.

DON'T USE THESE PRODUCTS



\$17.09

Rescue WHY
Reusable Wasp,
Hornet, &
Yellow Jacket
Trap



\$11.98

RESCUE! Wasp, Carpenter
Bees, Mud Daubers
Trapstick Outdoor
Insect trap



\$29.89

RESCUE! Non-Toxic
Wasp, Hornet,
Yellowjacket Trap
(WHY Trap)
Attractant Refill
2 Week Refill -

SAFEST WAY TO KILL NESTS of WASPS, HORNETS, AND YELLOW JACKETS (but NOT Bees)

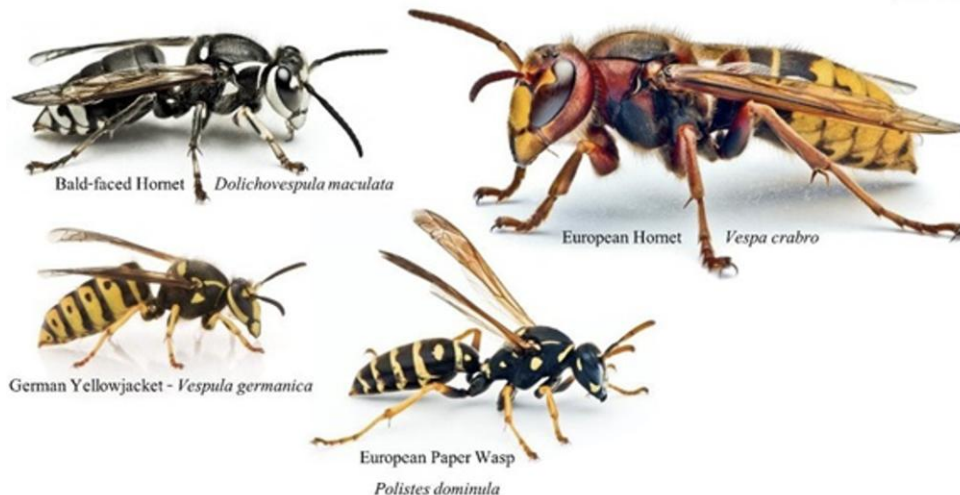
Ingredients: 16 ounces of pure apple juice.

1 & ½ Teaspoons of 99% Pure Powdered or granulated Boric Acid.

Put these two ingredients into a jar and gently stir/shake until thoroughly mixed. Pour into a 1-gallon jug.

Add 3-4 Cantaloupe Chunks or other fruit (Cantaloupe seems to work best).

Add ½ slice of bacon or a tablespoon of bacon grease or other protein (Bacon works best – cooked or uncooked.)



View this VIDEO

From Zen Garden Oasis
to see how to make this

[LINK](#) (17:30)

CONTROLLING WEEDS

Use this combination



\$4.49

+



\$0.89

+



\$0.97

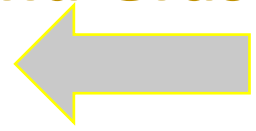
RECIPE

1 Gallon White Vinegar

1 Cup Salt

1 Teaspoon Dish Soap

= Dead Weeds and Grass
for about \$6.00



DON'T USE THESE PRODUCTS



~~\$35.00~~



~~\$26.97~~

VIDEO: How to Kill Weeds with
Salt and Vinegar [LINK](#) (12:01)

KILL **MOSS** SAFELY

ON ROOFS, PATIOS, WALKWAYS, DRIVEWAYS, ETC.

USE on
ROOFS



\$10.99

13.5 lbs Covers
2,600 sq ft

USE
Elsewhere



Do NOT use
on rooftops

Or any plain
Granular
laundry detergent

\$21.00

28 lbs Covers
20,000+ sq ft

NOT THESE



\$14.00

3 lbs Covers
3,000 sq ft



\$17.00

27 Oz. Covers
500 sq ft



\$28.00

1 Gal. Covers
2,000 sq ft



V I D E O S

Kill Moss Around Your Home Safely ([LINK](#)) 8min.

Mossy Roof No More ([LINK](#)) 7min.

Moss Be Gone in 7 days ([LINK](#)) 6min.



VIDEO RESOURCES

How to turn Baking Soda into a Powerful Pesticide for your Home & Garden (20:24)

LONG LINK: tinyurl.com/2mvtamr2 or click this → [QUICK LINK](#) or SCAN with phone →



Kill Moss Around Your Home Safely (7:37)

LONG LINK: tinyurl.com/2xeswbuk or click this → [QUICK LINK](#) or SCAN with phone →



Mossy Roof No More (7:00)

LONG LINK: tinyurl.com/yc4jube2 or click this → [QUICK LINK](#) or SCAN with phone →



Moss Be Gone in 7 days (6:18)

LONG LINK: tinyurl.com/8pypte94 or click this → [QUICK LINK](#) or SCAN with phone →



How to Kill Weeds with Salt and Vinegar (12:01)

LONG LINK: tinyurl.com/28v7w7e6 or click this → [QUICK LINK](#) or SCAN with phone →



Safest Way to Kill Nests of Wasps, Hornets, and Yellow Jackets (but NOT Bees) (17:30)

LONG LINK: tinyurl.com/yr576yxh or click this → [QUICK LINK](#) or SCAN with phone →

