

Lake-Dam Committee Meeting Minutes
4 March 2023

Call to Order - Meeting called to order at 9:35 AM.

Roll Call Committee Members: (P)=Present; (A)=Absent; (E)=Excused

Lou Jackson (P)	Joel Gray (E)	Deanne Landsverk (P)
Dennis Muretta (P)	Brian Smith (P)	Duane Landsverk (P)
Tim Reber (E)	Linda Smith (P)	Teddy Lovgren (P)
John McRoberts (A)	Jarred Foss (A)	Dave Kohler (P)
Maureen Glenn (E)	Gary Wilson (P)	Karen Kohler (P)
Steve Glenn (E)	Pat Paradise (P)	Eric Landsverk (A)
		Hannah Landsverk (P)

Guests: John Ingemi 3-244, Kelly Wieland 1-7, Dan Bussler 5-92, Roger Milliman 3-44, Dean Dyson 2-200, Janelle Lovgren 2-285, Marie Landsverk 3-98

Chairperson's Opening Comments: Teddy Lovgren

Teddy opened the meeting requesting a volunteer to take notes for today's meeting.

Brian Smith volunteered to take notes for this meeting.

Meeting Minutes approval

Teddy moved, and Dennis seconded to approve the February 4, 2023 meeting minutes; approved unanimously. [\[Attachment 1\]](#)

Correspondence: None

Status of January Motions to the Board

New Park Hosts, Dave and Sue Davis Approved; Fishing Derby Approved; Stipend for secretarial support Disapproved. Park PARs (all 4) deferred by the Board to the Executive Committee for review and recommendation; Ex Com meeting held March 2 results described below under Old Business, Long Term Vision for Parks/Restrooms.

CAM Report: Roger

- The 2nd lake level data logger will go into Lake Leprechaun when it returned from repair.
- Southgate fence to install new keypads at Anglia and the pedestrian gate across the dam.
- Roger will be monitoring the lake level data loggers until a new Facilities Manager is hired.
- See CAM report. [\[Attachments 2, 3 & 4\]](#)

Parks Report: Maureen/Steve

Maureen and Steve were excused from the meeting; last inspection noted vandalism at both Way to Tipperary and Leprechaun parks—juvenile perp with dirt bike identified for Leprechaun lawn damage, turned into Compliance and Sheriff notified—parents will be responsible for both fine and repair costs.

[\[Attachment 5\]](#)

ACTION: Roger to install a field camera at Way to Tipperary Park.

Docks/Floats Permits: Teddy - No new applications.

Boat Registrations: Gary - No new boats.

LD Action Item List: Teddy

Reviewed and updated to incorporate status provided during meeting [\[Attachment 6\]](#)

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OLD BUSINESS:

1. Lake Leprechaun Clean Out Project: Steve/Maureen/Tim -
Pending bathymetric survey of Lake.

2. Park Host Status: Dave

Park Hosts are now scheduled to each of the 4 parks (Tipperary, Log Toy, Banbury, Anglia).

3. Dock/Floats Compliance: Teddy – no new actions.

4. Lakes Long Term Health and Welfare: Brian summarized Long Term Lakes Health Team Mar 1 meeting with CAM and Ken Martig to discuss Dept of Ecology Dam Safety Office concerns re: Cranberry Creek Detention Structure spillway and use of butterfly valve in Lake Limerick to lower the lake in an emergency. There was also discussion about the bathymetric survey to be conducted by Lake Advocates and AquaTechnex. This survey will provide more than just lake depth data—includes info on vegetation concentrations and bottom features (hard v. soft). Budgeted amount for this project is \$10,000. With expansion to all of both Lake Leprechaun and Limerick, contract is now proposed by consultants for \$11,780.

MOTION: Brian moved, Duane seconded, that the Lake Dam Committee recommend BOD approval of the Bathymetric Survey contract SCOP at \$11,780 cost as presented by Lake Advocates and Aquatechnex; motion passed unanimously. - **See Motions to the Board**

5. Long Term Vision for Parks / Restrooms: Dennis reported back on the BOD Executive Committee meeting held to review the 4 PARs related to improving the parks restroom facilities that were pulled from the last BOD meeting's agenda without resolution. Dennis reported that the Ex Com will recommend approval to the full BOD of all 4 PARs with the exception that they prefer to see Olde Lyme's restroom receive the first, prototype security door and code lock installation.

6. Park Signs Revision: Dennis reported that the vendor has completed revision/repair to several parks signs authorized in an earlier meeting. These will be provided to maintenance for re-installation. Out of season fishing has been observed/reported therefore Roger will be installing "No Fishing prior to April 22" signs at each of the Parks on Lake Limerick.

7. Lake Rules Changes Process: Dennis presented proposed changes to the Lake Rules and Safety Guidelines related to e-Foils and Water Ski course removal and usage hours. There was much discussion about the proposed treatment of e-Foils. Per the direction of the LLCC Board of Directors regarding the E-foil moratorium established at the 17 Septemeber2022 Board meeting, the Lake-Dam Committee reviewed and discussed what actions were necessary to lift the moratorium. As a result, LD has made proposed changes to the Lake Rules and Guidelines to clarify the conditions under which E-foils may be allowed on Lake Limerick. Therefore Lake-Dam recommends the Board approve the attached Lake Rules and Safety Guidelines dated 4 March 2023 and remove the moratorium. In addition, LD recommends posting a notification to the LLCC website that the Lake Rules and Guidelines have been updated to clarify that E-foils are allowed and subject to the same rules and safety guidelines applicable to motor vessels and that the moratorium on their use has been lifted.

MOTION: Dave moved, and Dennis seconded, that the Lake Dam Committee recommend to the BOD approval of the Lake Rules and Safety Guidelines with the changes presented at this meeting. Motion passed with one abstention. - **See Motions to the Board**

Lake Advocates Estimates/Reserve Study Inputs – no new status

Video Conference Capability – no new status

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Network Drive for Committee Use – no new status

LD Projects

- **Special Projects Manager**
- **Cranberry Creek Retention Pond(s) / Sediment Survey**
- **Bird Sanctuary Weed Control**
- **Cranberry Creek / King's Cove Bathymetric Survey**
- **Inn Island Bridge/Culvert Inn Island NE Section Repair**
- **Banbury Bathroom Upgrade**
- **Park Bathrooms Doors / Cypher Locks / Roofs**
- **Leprechaun Dredging**
- **Adopt-a-Park**

NEW BUSINESS

1. Lake Level Subteam – Joel was absent; Duane presented the subteam motion to lower the Dam weir board height to 12 inches based on historical research showing weir board height was originally 8 to 10 inches. After installation of new weir board frame the weir board height was set at approximately 15 inches resulting in beach erosion due to wave action at the higher lake level. After much discussion by the LD Committee, Duane withdrew the motion until next month which will give the Sub-team the time to distribute the background information they believe justifies their recommendation, and provides the rest of the members of the Committee and the BOD an opportunity to review these materials.

ACTION: Lake Level Sub-Team will distribute background materials supporting their proposed motion to members of the Lake Dam Committee for review before the April meeting.

2. Fishing Derby Status – Dennis: Planning is continuing in preparation for this year's Derby. Although fish costs have increased, Dennis thinks the Derby can work within the currently established budget for fish planting. Dennis reported that two changes are being made for this year's derby:

- Providing for on-line e-ticket sales in addition to traditional paper tickets.
- Increasing the cost of a derby ticket from \$12 last year to \$13 this year.

Guest Input – None

Review of Commitments & Action Items: Action items updated.

Review of Motions to the Board: MTB provided below.

Motion to Adjourn:

Meeting was adjourned at approximately 12 PM; Dave moved, and Gary seconded that the Lake Dam Committee meeting be adjourned. Motion carried unanimously.

Next Meeting – Saturday, April 1st 9:30AM via Zoom

Look Ahead:

March 17 - Candidacy Applications for BoD and Water Board due
March 18 - Board of Directors Meeting
March 29 - Meet the Candidates Night @ 5pm
April 1 - Lake-Dam Committee Meeting
April 15 - Board of Directors Meeting
April 22 - Fishing Derby
May 6 - Lake-Dam Committee Meeting
May 20 - Board of Directors Meeting

Motions to the Board

Motion #1

LD Committee requests the BOD approve the Bathymetric Survey of both Lake Limerick and Lake Leprechaun to be conducted by Lake Advocates and AquaTechnex at a total cost of \$11,780. Proposal values as follows:

\$ 7,850.00 Lake Advocates

\$ 3,930.00 AquaTechnex

\$11,780.00 Total Cost

Justification: The 2022/23 budget established at \$10K was for a bathymetric survey consisting of only Cranberry and Kings Coves. The updated proposal(s) is for a bathymetric survey of the entirety of both lakes. The information from the survey will be used to compare to past surveys performed prior to the 2016 dredging and help with developing recommendations for future dredging and other remedial activity. [\[Attachment 7 Lake Advocates Proposal; Attachment 8 AquaTechnex Proposal\]](#)

Motion #2

The L/D committee recommends the attached revision to the Lake Rules and Safety Guidelines dated 4 March 2023 be approved and the e-foil moratorium be removed. Background on this recommendation is provided below:

Per the direction of the LLCC Board of Directors regarding the E-foil moratorium established at the 17 September 2022 Board meeting, the Lake-Dam (L/D) Committee has reviewed and discussed what actions were necessary to recommend lifting the moratorium. As a result, L/D has made several proposed changes to the Lake Rules and Safety Guidelines to clarify E-foil utilization on Lake Limerick and associated safety requirements that apply. This includes:

1. Section 12; E-foils are designated as motorized vessels, allowed on the lake and subject to all the rules and safety requirements outlined in the Lake Rules and Safety Guidelines.
2. Section 17; E-foil riders must wear an approved flotation device and be aware of surrounding boat traffic and be cognizant of their visibility to others at all times.

During our review, we also took the opportunity to clarify language on the water ski course (Rule 16).

The Lake/Dam committee also recommends the Board consider posting a notification on the LLCC website to alert members that the Lake Rules and Guidelines have been updated to clarify that E-foils are subject to the same rules and safety guidelines applicable to motor vessels and that the moratorium on their use has been lifted.

[\[Attachment 9 Redline Changes; Attachment 10 Redlines Incorporated\]](#)

Lake Dam Committee Meeting Minutes
4February 2023

Call to Order - Meeting called to order at 9:34 AM.

Roll Call Committee Members: (P)=Present; (A)=Absent; (E)=Excused

Lou Jackson (P)	Deanne Landsverk (P)
Dennis Muretta (P)	Duane Landsverk (P)
Tim Reber (E)	Teddy Lovgren (P)
John McRoberts (P)	Dave Kohler (P)
Maureen Glenn (P)	Karen Kohler (P)
Steve Glenn (P)	Mandy Paradise (A)
Joel Gray (P)	Pat Paradise (P)
Brian Smith (P)	Linda Smith (P)
Jarred Foss (A)	Gary Wilson (P)
Erik Landsverk (A)	Hannah Landsverk (A)

Guests: John Ingemi 3-244, Kelly Wieland 1-7, Tamra Ingwaldson 5-128, Dan Bussler 5-92, Roger Milliman 3-44, , Janelle Lovgren 2-285, Marie Landsverk 3-98

Chairperson's Opening Comments: Teddy Lovgren

Teddy opened the meeting requesting a volunteer to take minutes for today's meeting.

Brian Smith volunteered to take minutes for this meeting.

Meeting Minutes approval

Deanne Landsverk moved, and Karen Kohler seconded to approve the January 7, 2023 meeting minutes; approve unanimously (Attachment 1)

Correspondence: None

Status of January Motions to the Board

Park host Approved; Fishing Derby Approved; Secretary Stipend Not Approved—Motion and reasons for denial of stipend discussed by Committee and BOD members present; consideration of motion by BOD in closed session questioned, workload of this and other committee secretaries considered, along with use of staff to record minutes.

MOTION: Dave Kohler moved that the BOD be requested to approve a small stipend to pay someone to do secretarial tasks for the Lake Dam Committee, Deanne Landsverk seconded, and the motion passed with one NAY and one ABSTENTION.

CAM Report: Roger

Roger statused his written report including WO Log items, schedule status and LD budget / actuals (Attachments 2, 3 & 4)

Parks Report: Maureen/Steve

Maureen/Steve reviewed their Parks Maintenance Report – Overall Parks look great considering this is winter and there are downed branches (Attachment 5)

Docks/Floats Permits: Teddy - No new applications.

Boat Registrations: Gary - No new boats.

LD Action Item List: Teddy

Reviewed and updated to incorporate status provided during meeting (Attachment 6)

Lake Dam Committee Meeting Minutes
4February 2023

OLD BUSINESS:

Lake Leprechaun Clean Out Project: Steve/Maureen/Tim

LA Rpt/Recmd'n pending; Bathymetric survey needed -- Update in CAM report.

Park Host Status: Dave

MOTION: Dave Kohler made a motion, Joel seconded; to recommend accept Don and Anna (Sue) Davis as a new park host during the 2023 season subject to background check, in process. (See Motion to the Board).

Dave will send the Park Host Process document previously approved by the committee to the Office for filing and posting.

Dock/Floats Compliance: Teddy – no new actions

Lakes Long Term Health and Welfare: Brian —Minutes of last LTLH Team meetings sent to Committee. Two actions recommended:

- a) The LD Committee should request CAM Roger Milliman to set up a meeting between the LTLHT and Ken Martig. This meeting would focus on better defining the questions from the DSO and WDFW which must be answered, and to refine a scope of work limited to and capable of answering those questions. Budget for meeting not to exceed \$500. Roger agreed to do this during the CAM report.
- b) The LD Committee should ask CAM Roger Milliman to ask Lake Advocates to review the LTLHT product to date, suggest additional performance measures and actions (e.g. recovering the Bird Sanctuary), including interim steps, and meet virtually with the LTLHT to discuss their recommendations and feedback. Cost not exceed \$1500. The Committee agreed, reducing the NTE to \$1,000.

Long Term Vision for Parks / Restrooms: Dennis - 4 Park Restroom/storage bldg PARs—After much discussion, the Committee decided as follows (with Motions to the Board):

- a. Banbury Park Restroom Upgrade (\$15,000)-Brian Smith moved the Committee approve the Project Approval request (PAR) scope of work to proceed to bid, amending the PAR to remove references to staff possibly doing some or all of the work. Teddy Lovgren seconded and motion passed unanimously.
- b. Park Restroom and Outbuilding Reroof (\$18,650)—Dave Kohler moved the Committee approve the PAR as to scope to allow the project to proceed to competitive bid. Pat Paradise seconded and the motion passed unanimously.
- c. Park Restroom Door Locks Replacement (\$10, 280)—Dennis Muretta moved the Committee approve the PAR. Joel Gray seconded and the motion passed with one NAY.
- d. Banbury Park Restroom Door Replacement (\$1,182)— Dave Kohler moved the Committee approve the PAR, Seconded by Dennis Muretta, the motion passed unanimously.

Park Signs Revision – Dennis reported on sign revisions and repairs (Banbury) and agreed to work on placing the sign at the public boat launch.

MOTION: Deane Landsverk moved to adjourn the meeting at approximately 12:20 PM and table the remaining items to the March Meeting. Brian Smith seconded and the motion passed unanimously.

Lake Rules Changes Process:

Lake Advocates Estimates . Reserve Study Inputs

Video Conference Capability

Network Drive for Committee Use

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LD Projects

- Special Projects Manager Cranberry Creek Retention Pond(s) / Sediment Survey
- Bird Sanctuary Weed Control
- Cranberry Creek / King's Cove Bathymetric Survey
- Inn Island Bridge/Culvert Inn Island NE Section Repair
- Banbury Bathroom Upgrade
- Park Bathroom Door / Cypher Locks / Roofs
- Leprechaun Dredging
- Adopt-a-Park

NEW BUSINESS

Lake Level Subteam – Joel

Guest Input

Review of Commitments & Action Items:

Review of Motions to the Board:

See Below

Motion to Adjourn:

Meeting was adjourned at 12:20PM

Next Meeting – Saturday, 4 March 9:30AM via Zoom

Look Ahead:

Feb 18 - Board of Directors Meeting

March 4 - Lake Dam Committee Meeting

March 17 - Candidacy Applications for BoD and Water Board due

March 18 - Board of Directors Meeting

March 29 - Meet the Candidates Night @ 5pm

April 1 - Lake Dam Committee Meeting

April 15 - Board of Directors Meeting

Minutes respectfully submitted.

Brian Smith

Motions to the Board

Motion #1

LD Committee requests the BOD approve a financial stipend to pay for someone to perform secretarial tasks for the Lake-Dam Committee.

Justification: No one will volunteer to take over as Secretary; Committee workload; availability of LLCC staff to record minutes.

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Motion #2

LD Committee requests LLCC BOD approve Don and Sue Davis as a Park Host at Banbury Park for the 2023 Season subject to completion of background check.

Justification:

- Don and Sue have been vetted by LD Committee's Park Host POC, Dave Kohler
- LLCC CAM / Office have performed a successful background check.
- The Davis's have family within the LLCC community, and LD believes they will be a good addition to our community.

Motion #3

LD Committee requests the BOD approve the Banbury Park Restroom upgrade at a budget of \$15,000 as described/justified in the PAR (Attachment 7).

Motion #4

LD Committee requests the BOD approve the Park Restroom and Outbuilding Reroof at a budget of \$18,650 as described/justified in the PAR (Attachment 8).

Motion #5

LD Committee requests the BOD approve the Park Restroom Door Locks Replacement at a budget of \$10,280 as described/justified in the PAR (Attachment 9).

Motion #6

LD Committee requests the BOD approve the Banbury Park Restroom Door Replacement at a budget of \$1,182 as described/justified in the PAR (Attachment 10).

LD CAM Report

March 4, 2023

Parks

- Swim area shoreline vegetation removal has started including pea gravel. Anglia complete. Weather has delayed the schedule.
- Anglia park gate and dam gate keypads are scheduled for installation Monday March 6

Dams

- LTLH team met with Ken Martig March 1

Outcomes

- Ken provided a engineering drawing that the original weir board height is designed at 14 inches
- I'm contacting the DSO requesting a meeting at their office
 - o Purpose is to determine DSO requirements and rational/rules for managing a flood situation (based on what's practical):
 - Cranberry Lake outflow
 - Lake Limerick outflow
 - o Attendees to include a Board Member, LTLH, Ken and me
- Contacted the Squaxins with no response to date to adjust their fish ladder weir boards to maintain flow
 - o If necessary, suggest Squaxins allow LLCC to adjust
- Table Ken's December 28 in/outflow proposal for now

Lakes

Buoy replacements planned for this year

- 15 @\$120/unit = \$1800; R&M budgeted
- Plan to annually replace 15 buoys

Water testing plan

- To resume in April
- Supplies in storage for 2 months and June - Oct to be ordered

Data level loggers

- In process transferring Hobo Link ap to new mobile phone

Lake Advocates

- Requested scope of work, cost, and schedules for 2 capital projects:
 1. Awaiting: Cranberry Creek soft sediment assessment for a June stream walk including the Cranberry Stormwater Detention Structure (SWDS). Quoted Nov 15 @\$12,700 (w/o SWDS). Proposal to be delivered first week of March.
 2. Received: Bathymetric survey April/May for entire Lakes Limerick & Leprechaun; compare Limericks with the 2015 survey. Quoted \$11,780 and Budget \$10,000

- Additional requests for future projects:
 1. Lake Leprechaun dredge will require a bathymetric survey to identify soft sediment locations to create a plan.
 2. Plan to mitigate/dredge the Bird Sanctuary based on the Limerick bathymetric survey.
- 2023 Aquatic plant plan lakes Limerick & Leprechaun
 1. Maps completed and LA is determining treatment plan with AquaTechnex.

Lake Limerick
BUDGET TO ACTUAL
Month Ended Jan 31, 2023

Variance	Lake Dam HOA Budget	Lake Dam HOA Actual		Lake Dam HOA Actual	Lake Dam HOA Budget	Variance	Lake Dam HOA Budget	33%
Revenue								
0	0	0	Total Revenue	0	0	0	0	
Cost of Goods Sold								
0	0	0	Total Cost of Goods Sold	0	0	0	0	
0	0	0	Gross Profit	0	0	0	0	
Operating Expenses								
\$ (773)	\$ 773	\$ 0	Insurance Expense	\$ 4,149	\$ 3,490	\$ 659	\$ 9,674	43%
(1,906)	2,000	94	Lake Expense	7,686	8,500	(814)	83,600	9%
0	0	94	Licenses and Permits	4,086	0	4,086	3,700	110%
(550)	550	0	Parks Expense	124	550	(426)	12,550	1%
(950)	950	0	Repairs and Maintenance	0	3,800	(3,800)	16,800	0%
(100)	100	0	Small Tools and Equipment	0	400	(400)	1,200	0%
(100)	100	0	Supplies	0	400	(400)	1,200	0%
(4,285)	4,473	188	Total Operating Expenses	16,045	17,140	(1,095)	128,724	12%
4,285	(4,473)	(188)	Operating Income (Loss)	(16,045)	(17,140)	1,095	(128,724)	12%
Other Income								
4,285	(4,473)	(188)	Income (Loss) Before Income Taxes	(16,045)	(17,140)	1,095	(128,724)	12%

PARK MAINTENANCE MONTHLY REPORT

DATE

Feb 16 2023

Thursday

		YES/NO	Needs Attention
ANGLIA BEACH	Garbage can(s) empty? (They are emptied Mon & Fri)	Yes	
	Dog Station has poop bags available?	Yes	
	Litter picked up?	Yes	
	Restroom is cleaned and stocked? (Done Mon & Fri May1-Oct 31)	Locked	
	Lawn mowed recently?	N/A	
	Ground debris cleaned up?	No	X
	All debris removed from spillway?	Yes	
	Safety floats are above the water at the spillway?	Yes	
	Notes:		
BANBURY PARK		YES/NO	
	Garbage can(s) empty? (They are emptied Mon & Fri)	Yes	
	Dog Station has poop bags available?	Yes	
	Litter picked up?	Yes	
	Restroom is cleaned and stocked? (Done Mon & Fri May1-Oct 31)	Unlocked	
	Lawn mowed recently?	N/A	
	Ground debris cleaned up?	No	X
	Notes:		
	Bathroom roof tarped		
	1 door open + a Sanican?		
CLUBHOUSE/INN		YES/NO	
	Garbage can(s) empty? (They are emptied Mon & Fri)	Yes	
	Dog Station has poop bags available?	Yes	
	Litter picked up?	Yes	
	Lawn mowed recently?	N/A	
	Ground debris cleaned up?	Yes	
	Are pathways swept?	Yes	
	Is the roof free of debris?		
	Notes:		
	goose poop		X

		YES/NO	Needs Attention
LEPRECHAUN PARK			
	Garbage can(s) empty? (They are emptied Mon & Fri) <i>1/4 full</i>	<i>Yes</i>	
	Dog Station has poop bags available?	<i>No</i>	
	Litter picked up?	<i>Yes</i>	
	Lawn mowed recently?	<i>N/A</i>	
	Ground debris cleaned up?	<i>Yes</i>	
	Debris removed from spillway?	<i>Yes</i>	
	Notes:		
	<i>Park grass vandalized by motorcycle (?)</i>		
LOG TOY PARK			
	Garbage can(s) empty? (They are emptied Mon & Fri)	<i>Yes</i>	
	Dog Station has poop bags available?	<i>Yes</i>	
	Litter picked up?	<i>Yes</i>	
	Restroom is clean and stocked? (Done Mon and Fri May 1-Oct 31)	<i>Locked</i>	
	Lawn mowed recently?	<i>N/A</i>	
	Ground debris cleaned up?	<i>Yes</i>	
	Notes:		
	<i>goose poop on grass</i>		<i>X</i>
OLDE LYME PARK			
	Garbage can(s) empty? (They are emptied Mon & Fri)	<i>Yes</i>	
	Dog Station has poop bags available?	<i>Yes</i>	
	Litter picked up?	<i>Yes</i>	
	Restroom is clean and stocked? (Done Mon and Fri May 1-Oct 31)	<i>Locked</i>	
	Lawn mowed recently?	<i>N/A</i>	
	Ground debris cleaned up?	<i>Yes</i>	
	Notes:		
	<i>upper grass is growing ☺</i>		
WAY TO TIPPERARY			
	Garbage can(s) empty? (They are emptied Mon & Fri) <i>1/4 full</i>	<i>Yes</i>	
	Dog Station has poop bags available?	<i>Yes</i>	
	Litter picked up?	<i>Yes</i>	
	Restroom is clean and stocked? (Done Mon and Fri May 1-Oct 31)	<i>see below</i>	
	Lawn mowed recently?	<i>N/A</i>	
	Ground debris cleaned up?	<i>No</i>	<i>X</i>
	Notes:		
	<i>** Bathroom door wide open. Kicked in - jam broken - vandalized again</i>		<i>X</i>

Lake/Dam Committee Action Item Status

As of: 4March2023

Commitments & Action Items	Date Assigned	Assigned To	Due Date	ECD / Status
Request Lake Advocates Ken Martig to perform inflow/outflow analysis of both Lakes & Cranberry Creek. Reference WO Log Item 2022-19	9/1/2022 Revised 11/2022	Roger	TBD	Revised the Action item to include both lakes and Cranberry Creek and assigned to Ken Martig. 2Feb23 Meeting to be scheduled with Ken to refine scope. 1March2023 held Mtg with Ken/LTLH Subteam; determined need to schedule meeting with DSO/WSDFW, K.Martig and LTLH Subteam.
Re-examine Lake Rules to ensure all safety, use, etc. requirements are clear for e-hydrofoil boards on Lake Limerick. Also define a process for coordinating rule changes with members prior to implementation.	1-Sep-22	Dennis	TBD	Action resulted from discussion of e-foil concerns raised during Sept 1st mtg. 1) Need to establish change process. 5Jan2023 change process (Draft) sent to LD Committee for review/comment. 7Jan2023 Dave to coordinate with Dennis regarding existing processes for LLCC rules changes and coordination 2) proposed revision to rules allowing e-foils drafted and under review by sub-committee. 28Feb2023 redline-draft of rules revisions sent to LDC for review and comment. 4March2021 LDC approved the redline changes and recommended approval to Board

Lake/Dam Committee Action Item Status

As of: 4March2023

Commitments & Action Items	Date Assigned	Assigned To	Due Date	ECD / Status
Inn Island Repair options/contractor quotes need to be assessed for feasibility	1-Sep-22	Pat	TBD	Pat will review the current contractor quotes and options; and provide his assessment to LD. Pat completed his review and recommended the shoreline be repaired with the granite block option. Hanson Excavating has not returned Pat's calls regarding their estimate - ECD for project update 1st Qtr 2023. 4March2023 Pat has attempted contacting Hanson numerous times with no response/call back. Recommendation is for LDC to pursue other options.
Park Signage to be revised to remove reference to Guests access to Lakes. Will also look at updates to the WDFW signage.	5-Nov-22	Dennis	TBD	30Jan2023 - Signs removed and delivered to sign maker for update. One sign damaged by vandals may be replaced. 4March2023 Repaired signs will be picked up next week.
Duanne will compile a set of relevant regulatory documents related to shoreline vegetation removal, etc. and provide it to the Committee for reference	3-Dec-22	Duane	TBD	COMPLETE 4Feb2023 Deanne to coordinate with Duane and send copy of document(s) to LD Committee. Electronic copy of WDFW "Aquatic Plants and Fish, Rules for Aquatic Plant Removal and Control" dated July 2015 provided to LD.
Jarred to put together an "Adopt a Park" volunteer group (similar to Greens Committee) to help with special projects associated with LLCC's lakes and parks and have LLCC members monitor the parks on a regular basis.	3-Dec-22	Jarred	TBD	Discussions with potential volunteers on-going. Jarred will coordinate with Mark Hendricks on framework of the Greens Committee Ambassador Program so there is continuity between committees and members wanting to volunteer

Lake/Dam Committee Action Item Status

As of: 4March2023

Commitments & Action Items	Date Assigned	Assigned To	Due Date	ECD / Status
Request Lake Advocates to provide Report on the results of the Lake Leprechaun Survey. Report to address Dredging recommendations including locations, mechanical vs hydraulic, permit requirements, cost estimate, etc. Reference WO Log Item 2022-34	3-Dec-22	Roger	TBD	2Feb2023 Lake Advocates recommends bathmetric survey for Leprechaun; will provide in conjunction with Limerick survey proposal due Feb 11th. 28Feb2023 LA Proposal rcvd Feb 23rd, under review by LTLH Subteam. 4March2023 LD Committee approved Bathymetric Survey proposal(s) for Motion to Board.
Provide a template for Book of Standards; exterior/interior materials, finishes, colors, etc.	7-Jan-23	Duane	TBD	COMPLETE Template format preference is MS-Excel. LLCC Office personnel will develop the Book of Standards for LLCC facilities. 1March2023 Book of Standards (draft) distributed to CAM and LD Committee
Roger to purchase hats and vests for Park Hosts; embrodered with LLCC Park Host logo. Supplements use of existing Lanyards.	7-Jan-23	Roger	TBD	COMPLETE Hats and vests to be worn by Park Hosts while on duty and/or while engaging with park users; re-inforces identity, purpose and visibility. 28Feb2023 Four High-vis vests and hats ordered from The Shopper
Establish Lake Limerick/Leprechaun Shoreline Plan-Guide for LD and Compliance Committees to use as an audit tool in order to begin reigning in the many violations observed (but not often reported) by members.	7-Jan-23	Maureen Duane	TBD	Steve and Duane Maureen to assist.

Lake/Dam Committee Action Item Status

As of: 4March2023

Commitments & Action Items	Date Assigned	Assigned To	Due Date	ECD / Status
Perform Shoreline audit in Spring 2023 for non-compliances; non-permitted boat lifts/docks/floats, unauthorized intrusions/constructions, e.g. beach retaining walls, fences, etc.	7-Jan-23	Lake-Dam	TBD	Placeholder for Spring/Summer LD Committee activity. Volunteers will be needed.
Set up meeting between LTLH Subteam and Ken Martig to refine scope of work to address DSO and WSWF Limerick Dam issues/concerns	4-Feb-23	Roger	TBD	Budget for meeting with Ken not to exceed \$500. 28Feb2023 Meeting with Ken and LTLH Subteam scheduled for March 1st. 1March2023 held Mtg with Ken/LTLH Subteam; determined need to schedule meeting with DSO/WSDFW, K.Martig and LTLH Subteam.
Request Lake Advocates to review the LTLH product to date, suggest additional performance measures and actions (e.g. recovering the Bird Sanctuary), including interim steps. Virtual meeting to discuss LA recommendations and feedback with LTLH Subteam	4-Feb-23	Roger	TBD	LTLH Subteam and CAM to discuss further after meeting with Ken Martig on March 1st.
Install Data Logger at Lake Leprechaun Dam/Spillway	4-Mar-23	Roger	TBD	Data Logger to be installed after return from repair.
Install Field Camera at Way to Tipperary Park	4-Mar-23	Roger	TBD	Due to continuing vandalism the field camera will be re-installed.

Lake/Dam Committee Action Item Status

As of: 4March2023

Commitments & Action Items	Date Assigned	Assigned To	Due Date	ECD / Status
Provide Lake Level data history/files that is basis of motion for 12 inch wier board height.	4-Mar-23	Joel	Prior to April LD Mtg	See 4March2023 LD meeting minutes.

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

PROFESSIONAL SUPPORT AGREEMENT: AMENDMENT 1 BATHYMETRY OF LAKE LIMERICK AND LAKE LEPRECHAUN February 2023

LAKE ADVOCATES (Lake Advocates is a 501C3 nonprofit organization), will assist the Lake Limerick Country Club (LLCC) with *FY2023 Bathymetry of Lake Limerick and Lake Leprechaun* according to the terms of this agreement.

GOAL STATEMENT: BATHYMETRY OF LAKE LIMERICK AND LAKE LEPRECHAUN TO INFORM ON AREAS AND RATES OF INFILLING

Whole lake bathymetric surveys are required in Lake Limerick and Lake Leprechaun to identify areas where soft-sediment in-filling has occurred since the last dredging project. In addition, mapping bathymetry is important in areas outside of the dredged coves to determine if shallowing is occurring due to increases in aquatic plant growth, senescence and deposition of decayed organics.

The change in bathymetric shape of the lakes will indicate how rapidly soft-sediment deposition is occurring in locations like Cranberry Cove and King's Cove. Source(s) of soft-sediment delivery to the lake will be identifiable based on results from this survey.

SCOPE OF SERVICES

LAKE ADVOCATES will coordinate the project following the work plan and budget in accordance with the attached Scope of Work.

Compensation

- A. Professional Services. For performance of services described above, the LLCC agrees to pay **LAKE ADVOCATES** as detailed in Attachment A. **LAKE ADVOCATES** will submit requests for payments periodically and the LLCC will pay within 30 to 45 days.
- B. Travel Expenses and Per Diem. The LLCC agrees to reimburse **LAKE ADVOCATES** for travel expenses and per diem in accordance with Attachment A.
- C. Other Direct Expense (ODC) Reimbursements. The LLCC agrees to reimburse **LAKE ADVOCATES** for ODC expenses, when authorized by the LLCC, in accordance with the rates shown in Attachment A.
- D. **LAKE ADVOCATES** will coordinate and provide Quality Assurance for field and modeling to generate bathymetric maps of Lakes Limerick and Leprechaun. LLCC will reimburse **LAKE ADVOCATES** for time and materials as outlined in sections A, B, and C above. LLCC will have a separate contract with the Executor of the bathymetric survey, i.e., Aquatechnex.

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

LAKE ADVOCATES is responsible for:

1. Implementing the work plan as specified in the Scope of Work (Attachment 1).
2. Submitting written requests for payment consistent with this agreement.

CLIENT's Responsibilities

The CLIENT is responsible for:

1. Providing required staff or volunteer support when appropriate.
2. Providing access and boat(s) when appropriate.
3. Paying Laboratory directly for analytical services.
4. Paying **LAKE ADVOCATES** according to this agreement.
5. Providing **LAKE ADVOCATES** access to information needed to perform the work plan.

TERM

This additional agreement will be effective on March 1, 2023, and continue through September 30, 2023, upon the completion of the project or until the parties agree to terminate.

TERMINATION

This agreement will terminate upon completion of the scope of services or upon sixty (60) days written notice by either party to the other party.

CONSULTANT NOT AN EMPLOYEE

The LLCC will not provide benefits, nor will they withhold income for tax purposes, nor make any direct payment on behalf of **LAKE ADVOCATES** or its contractors or subcontractors for FICA, unemployment, or any other state or federal agency requirements.

In witness thereof, **LAKE ADVOCATES** and LLCC have executed this agreement as of the indicated date:

_____	_____	_____
Robert Plotnikoff	President	Date
LAKE ADVOCATES	(EIN: 47-3933992)	

By: _____	_____	_____
LLCC	Title	Date

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

INDEPENDENT NON-PROFIT ORGANIZATION (LA) AGREEMENT

THIS NON-PROFIT ORGANIZATION (LA) AGREEMENT (the "Agreement") dated this

_____ day of _____, _____

BETWEEN:

Lake Limerick Country Club of 790 E St Andrews Dr, Shelton, WA 98584, USA
(the "Client")

- AND -

Lake Advocates
9515 Windsong Loop NE
Bainbridge Island, WA 98110
(360) 286-0921
(EIN: 47-3933992)

Services Provided

1. The Client hereby agrees to engage LA to provide the Client with services (the "Services") consisting of:
 - a) Lake Limerick and Lake Leprechaun bathymetric survey coordination, (Note the 2023 survey and bathymetric mapping products will be conducted by Aquatechnex with independent QA/QC of survey, data results, and product database by LA for LLCC.)
 - b) LA will provide data interpretation from bathymetric survey results as compared to previously available data.

(Detailed description of services are in Attachment A of this document)

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

Attachment A of Amendment 1

Scope of Services

For

FY2023 Bathymetry of Lake Limerick and Lake Leprechaun to Inform on Areas and Rates of Infilling: a component of Management Plan Services

Lake Limerick Country Club Aquatic Plant and Lake Management

**Lake Advocates
LakeAdvocates.org
9515 Windsong Loop NE
Bainbridge Island, WA 98110**

March 1, 2023, through September 30, 2023

The purpose of this scope of work is to outline a proposal for conducting bathymetric surveys of Lake Limerick and Lake Leprechaun as part of on-call services that Lake Advocates (LA) will provide LLCC. This activity in support of managing Lakes Leprechaun and Limerick for the safe recreation of LLCC members and guests and to help maintain and enhance the aquatic environmental quality of the lakes. Fees are based on time and materials (labor and direct expenses). Specifically, this scope of work is to provide LLCC with on-going services related to aquatic plant management Services as well as on-call environmental support.

The bathymetric surveys of Lake Limerick and Lake Leprechaun are initial steps essential for further consideration of future dredging projects. This first step is a component of a feasibility study that will map location of active sedimentation and informs later project(s) that estimate volume of sediment delivered to each of the lakes over time, volume of sediment that could be removed in each lake once sediment control is achieved, and sediment removal maintenance including cost to perform maintenance on potential structures.

Scope of Work

1. Lake Limerick Bathymetric Survey

- a. LA will oversee the mapping of the whole-lake bathymetry of current conditions in Lake Limerick.
- b. Coordinate with LLCC to record lake level at the dam during bathymetric survey.

2. Lake Leprechaun Bathymetric Survey

- a. LA will oversee the mapping of the whole-lake bathymetry of current conditions in Lake Leprechaun.
- b. Coordinate with LLCC to record lake level at the weir during the bathymetric survey.

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

3. Interpretation of Current Bathymetric Survey Results

- a. LA will compare previous surveys with a current bathymetric survey including:
 - i. Whole-lake Survey (previous survey in 2015)
 - ii. Kings Cove Survey (2016 pre- and post-survey during the dredging project)
 - iii. Cranberry Cove Survey (2016 pre- and post-survey during the dredging project)

LAKE ADVOCATES

Scientifically Based Lake Restoration, Management & Protection

Attachment B of Amendment 1

Fee Estimate

For

FY2023 Limerick and Lake Leprechaun to Inform on Areas and Rates of Infilling

Lake Limerick Country Club

Aquatic Plant and Lake Management

Services from March 1, 2023, through September 30, 2023

Tasks	Labor/Expenses
Task1 Bathymetric Survey for Lake Limerick Oversight	\$1,750
Task 2 Bathymetric Survey for Lake Leprechaun Oversight	\$1,750
Task 3 Technical Memorandum & Meeting Time	\$4,200
Total Labor	\$7,700
Mileage at \$0.585/mile	\$150
Total Contract for LA	\$7,850



"Advancing the Science of Lake Management"

P.O. Box 118
Centralia, WA 98531
Tel: 360-330-0152
Fax: 360-330-0174

2/16/23

Rob Plotnikoff
LLCC
790 E St. Andrews Drive
Shelton, WA 98584

RE: BioBase Mapping Lakes Limerick and Leprechaun

Mr. Plotnikoff

AquaTechnex utilizes the lake mapping technology Biobase. This technology uses GPS linked sonar to record GPS referenced bottom composition, vegetation biomass, and depth. Recorded data is loaded into Biobase Software to produce a report of the data collected, bathymetry map, vegetation heat map, and bottom composition map. See example maps and report on following pages.

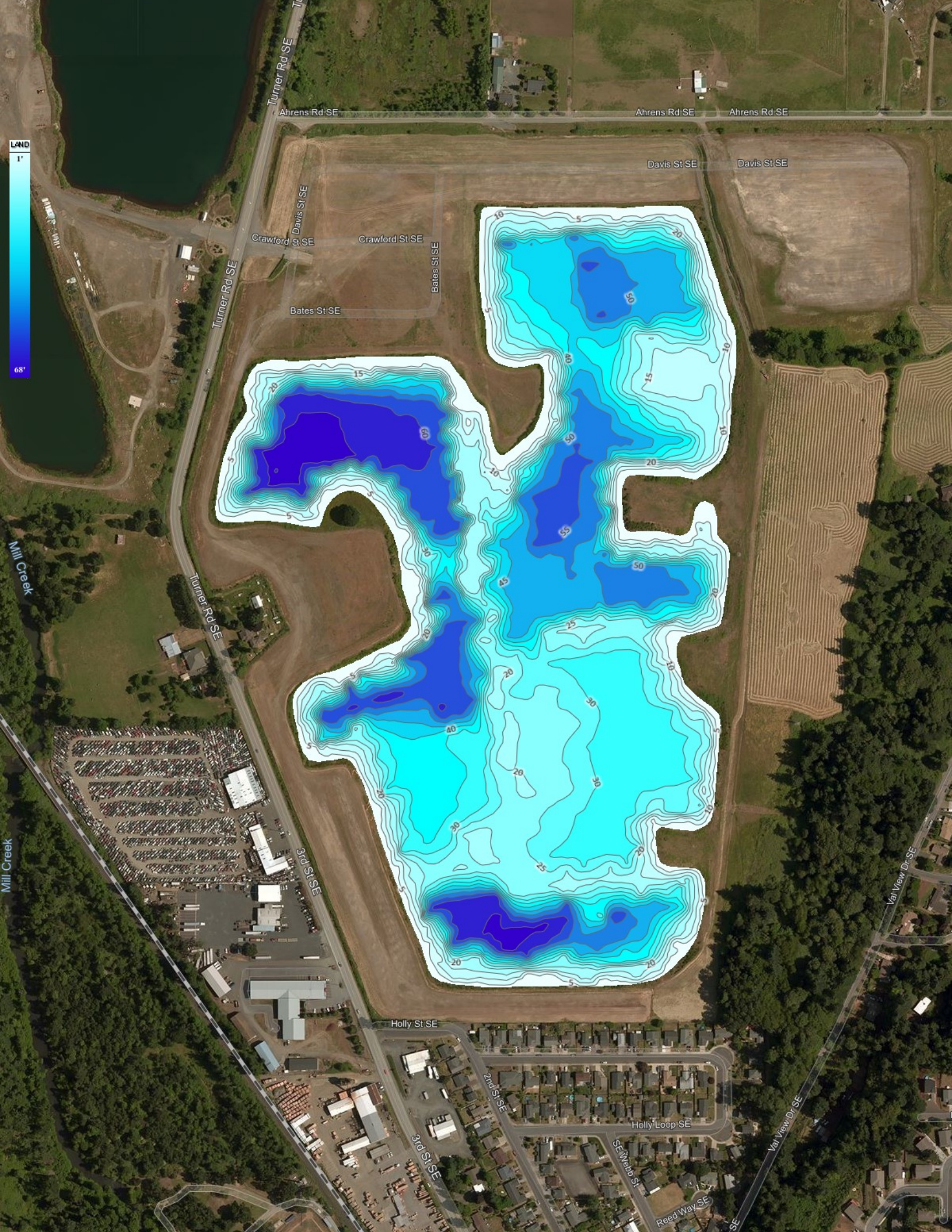
Estimated Cost

- 1.) Mobilize to Lake Leprechaun, survey lake using boat with mapping equipment, post process data, provide maps and report to LLCC. Cost \$1,230.00.
- 2.) Mobilize to Lake Limerick, survey lake using boat with mapping equipment, post process data, provide maps and report to LLCC. Cost \$2,700.00

Please feel free to reach out to me a kyle@aquatechnex.com or 360-239-5707. Thank you for your consideration.

Sincerely,

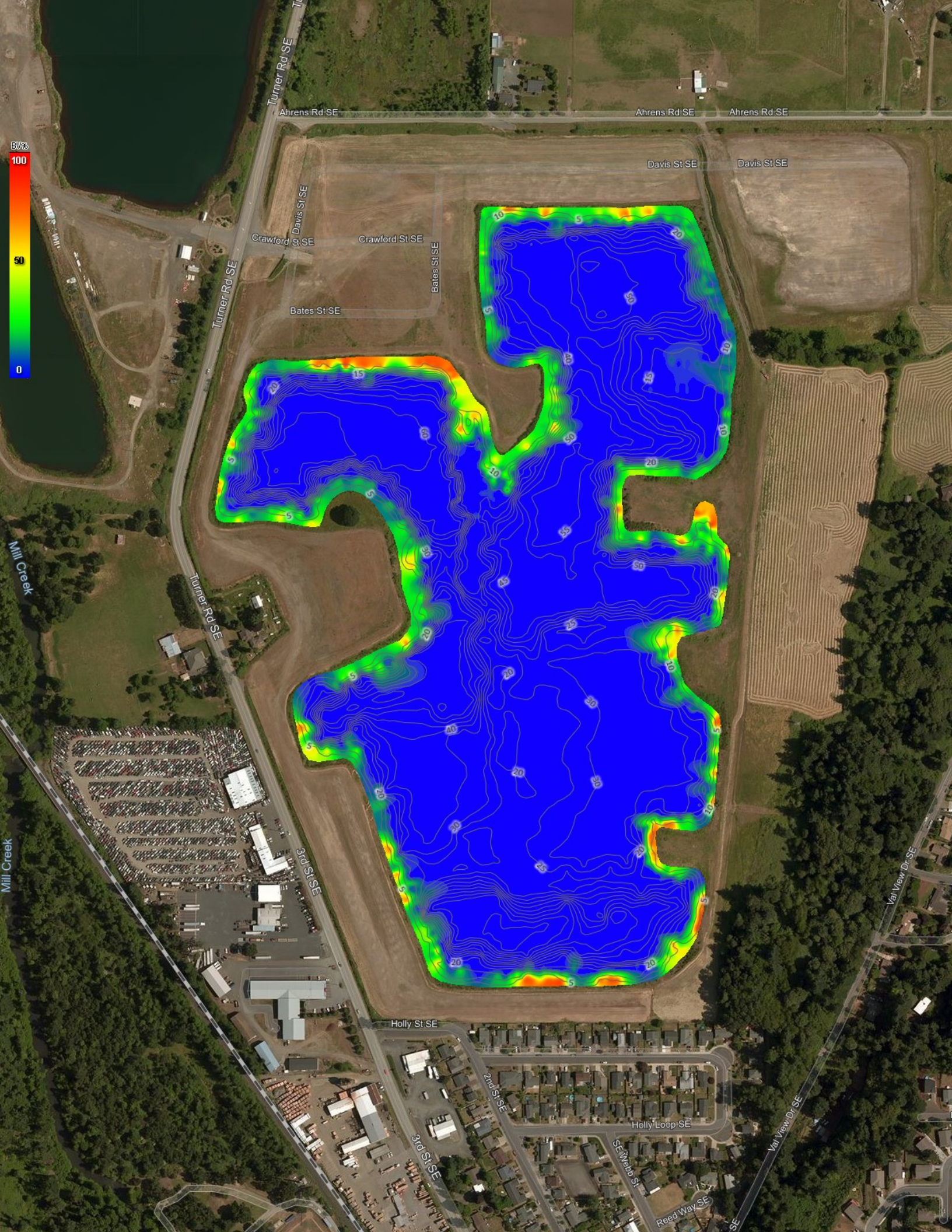
Kyle Langan
AquaTechnex, LLC
360-239-5707



Mill Creek

Mill Creek

SE

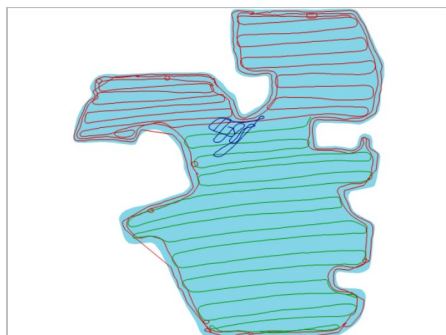




Turner Lake, Marion Oregon

Generated: 4/27/2020 7:16:19 PM (UTC)

Waterbody Size: 72.42 acres



Data Collector

Kyle Langan

Data Collection Date

4/24/2020 4:16:20 PM (UTC)

Average Water Temperature

58.72° F

Location

Start: 44.86044645,
-122.95741464

End: 44.85953921,
-122.95715325

Survey Size

Area: 72.42 acres

Percent: 99.99% of
waterbody

Volume: 2285.77 acre ft

Est. Waterbody Volume

2819636.80 cu. m

(2285.92 acre ft)

Offset Information

See Below

Settings

Track Buffer: 25 m

Grid Cell Size: 5.0 m

Min. BV Detect: 5%

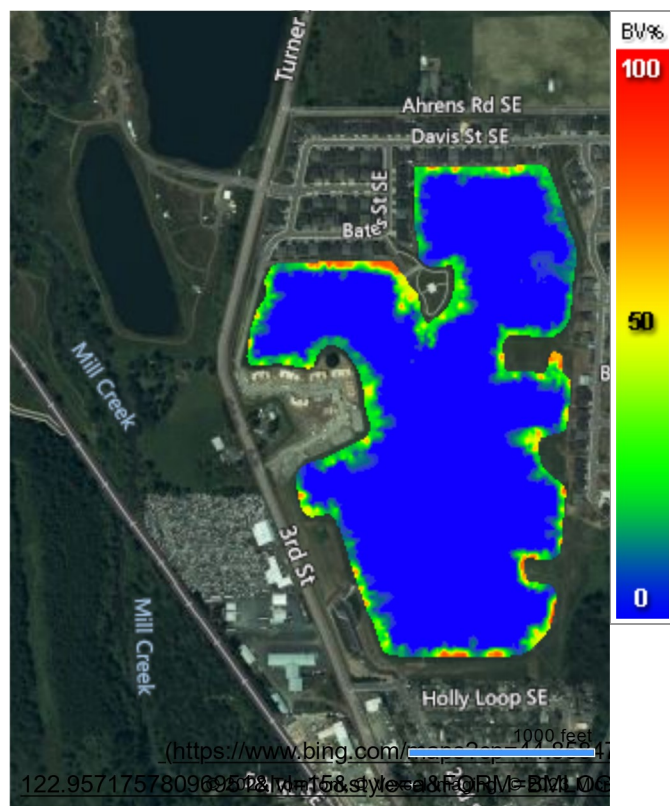
Min. Veg Depth: 0.73

Detect: m

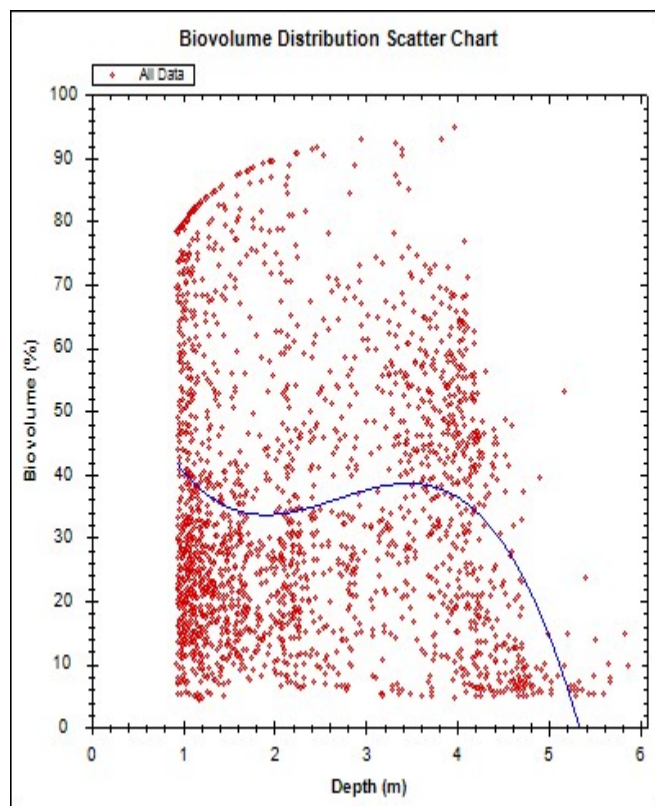
Survey Summary

	Type	PAC	Avg BVp	SD BVp	Avg BVw	SD BVw	Depth Range	Avg Depth	Distance	No. Points
Full Survey	Point	21.3%	36.0%	±22.5%	7.7%	±16.7%	2.01 - 67.65 ft	20.65 ft	10.71 miles	9918
	Grid	19.0%	25.8%	±17.5%	4.9%	±12.7%	0.30 - 67.18 ft	31.56 ft	-	4393

Vegetation Biovolume Heat Map



Biovolume Distribution Scatter Chart



Manual Vegetation Coordinates

Latitude	Longitude	Biovolume %
----------	-----------	-------------

Biovolume Analysis by Quantity

AOI	0-5%	5-20%	20-40%	40-60%	60-80%	>80%
1	78.74%	6.18%	7.22%	4.17%	2.59%	1.10%

Biovolume Analysis by Depth

Full Survey	Depth	Type	Count	PAC	Avg BVp	SD BVp	Avg BVw	SD BVw
	0-1m	Point	807	98.9%	48.4%	±25.1%	24.9%	±0.0%
	1-2m		871	85.5%	32.8%	±17.7%	17.0%	±0.0%
	2-3m		533	60.8%	30.7%	±12.4%	13.5%	±0.0%
	3-4m		663	22.5%	15.3%	±6.5%	6.4%	±0.0%
	4-5m		1970	4.3%	8.0%	±3.0%	1.7%	±0.0%
	5-6m		1281	0.7%	7.2%	±1.8%	0.6%	±0.0%
	6-7m		556	0.0%	0.0%	±0.0%	0.0%	±0.0%
	7-8m		388	0.0%	0.0%	±0.0%	0.0%	±0.0%
	8-9m		258	0.0%	0.0%	±0.0%	0.0%	±0.0%
	9-10m		2591	0.0%	0.0%	±0.0%	0.0%	±0.0%
	0-1m	Grid	1272	96.5%	35.2%	±18.7%	34.0%	±19.5%
	1-2m		983	95.0%	30.3%	±17.5%	28.8%	±18.3%
	2-3m		700	90.9%	24.6%	±14.4%	22.3%	±15.5%
	3-4m		590	65.3%	18.4%	±11.6%	12.0%	±12.9%
	4-5m		352	32.8%	14.5%	±9.7%	4.7%	±8.8%
	5-6m		161	13.8%	13.5%	±8.8%	1.9%	±5.7%
	6-7m		112	6.1%	11.9%	±7.4%	0.7%	±3.4%
	7-8m		74	5.2%	10.9%	±6.6%	0.6%	±2.9%
	8-9m		47	3.4%	10.6%	±6.0%	0.4%	±2.2%
	9+		103	0.8%	8.9%	±4.5%	0.1%	±0.9%

Glossary

AOI

Area of Interest: Defines the individual transects or contiguous data samples as depicted by the color coding of each trip line. Seperate areas of interest can be generated through merging of multiple trips, appending data to a single sonar log or lapses in time (greater than five minutes) within a sonar log.

BVp

Biovolume (Plant):: Refers to the percentage of the water column taken up by vegetation when vegetation exists. Areas that do not have any vegetation are not taken into consideration for this calculation.

BVw

Biovolume (All water): Refers to the average percentage of the water column taken up by vegetation regardless of whether vegetation exists. In areas where no vegetation exists, a zero value is entered into the calculation, thus reducing the overall biovolume of the entire area covered by the survey.

PAC

Percent Area Covered: Refers to the overall surface area that has vegetation growing.

Grid

Geostatistical Interpolated Grid: Interpolated and evenly spaced values representing kriged (smoothed) output of aggregated data points. The gridded data is most accurate summary of individual survey areas.

Point

Individual Coordinate Point: A single point represents a summary of sonar pings and the derived bottom and canopy depths. Individual point data create an irregularly spaced dataset that may have overlaps and/or gaps in the data resulting in a increased potential for error.

Additional Waypoints

No Additional Waypoints

Offsets

Trip Name	File Name	Trip Date (UTC)	Manual Offset (ft)	Max Tide (ft)	Min Tide (ft)	Ave Tide (ft)	Start Tide (ft)	End Tide (ft)
TURNER1.sl2	TURNER1.sl2	4/24/2020 4:16:20 PM	0.67	0	0	0	0	0
TURNER2.sl2	TURNER2.sl2	4/24/2020 4:58:58 PM	0.67	0	0	0	0	0
TURNER3.sl2	TURNER3.sl2	4/24/2020 5:35:35 PM	0.67	0	0	0	0	0
TURNER4.sl2	TURNER4.sl2	4/24/2020 6:14:45 PM	0.67	0	0	0	0	0
TURNER5.sl2	TURNER5.sl2	4/24/2020 7:07:24 PM	0.67	0	0	0	0	0

Report URL: <https://noxreportprod.s3.amazonaws.com/6c6a8b18-9aa9-4e90-85fd-ba67a29df661/Report.html> (<https://noxreportprod.s3.amazonaws.com/6c6a8b18-9aa9-4e90-85fd-ba67a29df661/Report.html>)

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LAKE LIMERICK COUNTRY CLUB, Inc.

LAKE RULES AND SAFETY GUIDELINES

- - - - LAKE RULES - - - -

- 1) Violation of applicable Federal, State, County or LLCC Lake Rule or regulation (see Reference) may result in the suspension of member's boating privileges and/or the assessment of a fine.
- 2) Members shall be responsible for their guests conduct.
- 3) Non-member power vessels (including relatives and guests') ARE NOT PERMITTED on the lake unless actively engaged in fishing. Launching of non-member vessels from LLCC boat launches is prohibited.
- 4) Launching or recovery of a trailered boat from a member's property is prohibited.
- 5) No parking of motor vehicles is allowed within 20 feet of the shoreline.
- 6) All member vessels used on LLCC waterways, which require Washington State Registration, must be currently registered with the State, and they must also be registered with LLCC.
 - a. On INITIAL application for the LLCC watercraft tag, the original State Registration must be presented.
 - b. The LLCC watercraft tag shall be clearly visible, on the starboard side windshield. If it cannot be seen there, then the tag is to be displayed on the starboard side vessel hull (towards the stern).
 - c. All vessels with Washington State Registration and NO division/lot numbers or LLCC watercraft tag WILL BE ASKED TO LEAVE THE LAKE, unless actively fishing from that boat.
- 7) All member registered vessels shall be identified with their division and lot numbers.
 - a. The numbers are to be 3 inches high and of a CONTRASTING COLOR to the hull.
 - b. The numbers are to be displayed on the hull (towards the stern), on the port **and** starboard sides. If they cannot be seen there, then they are to be displayed on the port **and** starboard sides of the windshield.
- 8) Vessels shall not use devices or systems designed to create excessive wakes including ballast bags or tanks or external, mechanical wake generating devices.
- 9) Vessels shall not be operated in a manner which creates large wakes (stunting, swerving, donuts, powered bow-up, other). Wake surfing (no tow rope) is also not allowed.
- 10) Pontoon boats over 20 feet in length and other vessels over 19 feet in length are not allowed on the lake. Vessel length will be as stated on the State of Washington Vessel Certificate of Title and/or Vessel Registration. Vessel length is based on Washington State Law, WAC 308-93-285 – Vessel Length Measurement.
- 11) Members may request an exception from the Board for a competition ski boat up to 20 feet in length provided certain criteria are met (ex: near-flat bottom and straight shaft inboard engine). Requests must be submitted to the Lake/Dam Committee and requires their recommendation to the Board for approval. When purchasing a new boat, homeowners are strongly encouraged to review boat specifications with the Lake/Dam committee prior to purchase.
- 12) E-foils are classified as motorized vessels, are allowed, and MUST observe all vessel usage and safety rules. Jet Skis, WaveRunners, and Sea-Doos that one can sit-on or stand-on and remote-controlled towing devices are prohibited.
- 13) Maximum vessel speeds on the lake shall be as follows:
 - a 8 MPH - Lakeside of the buoy line (all hours except as noted below)
 - b 35 MPH - Lakeside of the buoy line during skiing hours (10:00 AM-7:00 PM daily)
 - c NO WAKE - Shore side of the buoy line (all hours)
 - d NO WAKE - Bird Sanctuary, King's Cove (aka Log Toy Cove)

LAKE LIMERICK COUNTRY CLUB, Inc.

LAKE RULES AND SAFETY GUIDELINES

- 14) Vessels and skiers, exceeding 8 mph, shall remain lakeside of the buoy line at all times and 100 feet from other vessels, skiers and swimmers.
- 15) Tow vessels shall have a responsible driver and responsible observer/flagger. Individual property owners shall be, at all times, responsible for verifying the qualifications of the observer/flagger and driver in their boat, according to Mason County Ordinance.
 - a. An observer/flagger shall be at least 12 years of age.
 - b. A red warning flag shall be used to denote a person in the water.
 - c. Vessels must be operated in a counterclockwise pattern.
 - d. Skiers wishing to "drop a ski" must do so at the buoy line. Dropping a ski in the ski lanes is strictly forbidden.
 - e. When a vessel is pulling more than one person, and one falls, the other person(s) is/are required to drop off immediately. Under no circumstances shall a vessel continue down the lake, leaving a person(s) in the water.
 - f. Vessels pulling a skier shall not go inside of the buoy line (shore side) at any time. This includes starting or dropping off skiers.
- 16) Water Ski tournaments are typically held during "Lake Limerick Daze" and "End of Summer Bash". The ski course is installed and removed on a yearly basis by the LLCC water ski club. Removal is typically complete by the end of September. Extra ski pPractices are held-allowed the two weeks prior to a tournament (weather permitting) as follows:
 - a. Friday 7 pm to dusk
 - b. Saturday and Sunday 8 am to 10 am - and - 7 pm to dusk

- - - SAFETY GUIDELINES - - -

- 17) Wind surfers, ~~and~~ paddle boarders, E-foilers and all persons being towed shall wear an adequate approved floatation device. Riders should maintain awareness of surrounding boat traffic and be cognizant of their visibility to other boaters.
- 18) Operation-Right-Of-Way Rules states that a swimmer has the right of way over any craft "AT ALL TIMES".
 - a. Any swimmer more than 100 feet from the shore or lakeside of the buoy line MUST be escorted by a vessel displaying a red flag.
 - b. Swimming or floating on an inner tube, mattress or other flotation device SHALL NOT be allowed lakeside of the buoy line during skiing hours.
- 19) Buoys are NOT to be used by swimmers as floatation or mooring devices.
- 20) For personal safety, riding on a vessel deck, side, or standing while the vessel is under power, at speeds of 8 MPH, or greater is prohibited.
- 21) All boaters are responsible for their own wake.
- 22) All boats shall use legal navigation lights after sunset.
- 23) All vessel operators must have a "Washington Boater Education Card" unless; 1) vessel engine is less than 15 horsepower 2) operator was born prior to Jan 1, 1955 or 3) operator has a US Coast Guard License.
- 24) Any member boater who observes a safety issue or a violation of these lake rules and safety guidelines is encouraged to render aid and/or inform the other party of the lake rule or safety guideline.

Reference:

Code of Federal Regulations: <https://www.uscgboating.org/regulations/federal-regulations.php>
Revised Code of Washington (RCW) Chapter 79A.60 Regulation of Recreational Vessels
Washington Administrative Code (WAC) Chapter 352-60 Recreational vessel equipment and operation
Mason County Code Chapter 9.04 Motorboats (Ordinance No. 83-88)

LAKE LIMERICK COUNTRY CLUB, Inc.

LAKE RULES AND SAFETY GUIDELINES

- - - - LAKE RULES - - - -

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- 4) Launching or recovery of a trailered boat from a member's property is prohibited.
- 5) No parking of motor vehicles is allowed within 20 feet of the shoreline.
- 6) All member vessels used on LLCC waterways, which require Washington State Registration, must be currently registered with the State, and they must also be registered with LLCC.
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 - c. All vessels with Washington State Registration and NO division/lot numbers or LLCC watercraft tag **WILL BE ASKED TO LEAVE THE LAKE**, unless actively fishing from that boat.
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- 9) Vessels shall not be operated in a manner which creates large wakes (stunting, swerving, donuts, powered bow-up, other). Wake surfing (no tow rope) is also not allowed.
- 10) Pontoon boats over 20 feet in length and other vessels over 19 feet in length are not allowed on the lake. Vessel length will be as stated on the State of Washington Vessel Certificate of Title and/or Vessel Registration. Vessel length is based on Washington State Law, WAC 308-93-285 – Vessel Length Measurement.
- 11) Members may request an exception from the Board for a competition ski boat up to 20 feet in length provided certain criteria are met (ex: near-flat bottom and straight shaft inboard engine). Requests must be submitted to the Lake/Dam Committee and requires their recommendation to the Board for approval. When purchasing a new boat, homeowners are strongly encouraged to review boat specifications with the Lake/Dam committee prior to purchase.
- 12) E-foils are classified as motorized vessels, are allowed, and **MUST** observe all vessel usage and safety rules. Jet Skis, WaveRunners, and Sea-Doos that one can sit-on or stand-on and remote-controlled towing devices are prohibited.
- 13) Maximum vessel speeds on the lake shall be as follows:
 - a 8 MPH - Lakeside of the buoy line (all hours except as noted below)
 - b 35 MPH - Lakeside of the buoy line during skiing hours (10:00 AM-7:00 PM daily)
 - c NO WAKE - Shore side of the buoy line (all hours)
 - d NO WAKE - Bird Sanctuary, King's Cove (aka Log Toy Cove)

LAKE LIMERICK COUNTRY CLUB, Inc.

LAKE RULES AND SAFETY GUIDELINES

- 14) Vessels and skiers, exceeding 8 mph, shall remain lakeside of the buoy line at all times and 100 feet from other vessels, skiers and swimmers.
- 15) Tow vessels shall have a responsible driver and responsible observer/flagger. Individual property owners shall be, at all times, responsible for verifying the qualifications of the observer/flagger and driver in their boat, according to Mason County Ordinance.
- a. An observer/flagger shall be at least 12 years of age.
 - b. A red warning flag shall be used to denote a person in the water.
 - c. Vessels must be operated in a counterclockwise pattern.
 - d. Skiers wishing to “drop a ski” must do so at the buoy line. Dropping a ski in the ski lanes is strictly forbidden.
 - e. When a vessel is pulling more than one person, and one falls, the other person(s) is/are required to drop off immediately. Under no circumstances shall a vessel continue down the lake, leaving a person(s) in the water.
 - f. Vessels pulling a skier shall not go inside of the buoy line (shore side) at any time. This includes starting or dropping off skiers.
- 16) Water ski tournaments are typically held during "Lake Limerick Daze" and "End of Summer Bash". The ski course is installed and removed on a yearly basis by the LLCC water ski club. Removal is typically complete by the end of September. Extra ski practices are allowed the two weeks prior to a tournament (weather permitting) as follows:
- a. Friday 7 pm to dusk
 - b. Saturday and Sunday 8 am to 10 am - and - 7 pm to dusk

- - - - SAFETY GUIDELINES - - - -

- 17) Wind surfers, paddle boarders, E-foilers and all persons being towed shall wear an adequate approved floatation device. Riders should maintain awareness of surrounding boat traffic and be cognizant of their visibility to other boaters.
- 18) Operation-Right-Of-Way Rules states that a swimmer has the right of way over any craft "AT ALL TIMES".
- a. Any swimmer more than 100 feet from the shore or lakeside of the buoy line MUST be escorted by a vessel displaying a red flag.
 - b. Swimming or floating on an inner tube, mattress or other flotation device SHALL NOT be allowed lakeside of the buoy line during skiing hours.
- 19) Buoys are NOT to be used by swimmers as floatation or mooring devices.
- 20) For personal safety, riding on a vessel deck, side, or standing while the vessel is under power, at speeds of 8 MPH, or greater is prohibited.
- 21) All boaters are responsible for their own wake.
- 22) All boats shall use legal navigation lights after sunset.
- 23) All vessel operators must have a "Washington Boater Education Card" unless; 1) vessel engine is less than 15 horsepower 2) operator was born prior to Jan 1, 1955 or 3) operator has a US Coast Guard License.
- 24) Any member boater who observes a safety issue or a violation of these lake rules and safety guidelines is encouraged to render aid and/or inform the other party of the lake rule or safety guideline.

Reference:

Code of Federal Regulations: <https://www.uscgboating.org/regulations/federal-regulations.php>
Revised Code of Washington (RCW) Chapter 79A.60 Regulation of Recreational Vessels
Washington Administrative Code (WAC) Chapter 352-60 Recreational vessel equipment and operation
Mason County Code Chapter 9.04 Motorboats (Ordinance No. 83-88)