



BEAR VALLEY SPRINGS ASSOCIATION

Lake Quality Advisory Committee Agenda

Location: Monday, December 1st 2025, at 5PM Whiting Center-Green Room

Call to Order at:

A. Attendance:

Voting Members:	<input type="checkbox"/> Fred Hicks, Chair <input type="checkbox"/> Kimberly Clow <input type="checkbox"/> Rick Flores <input type="checkbox"/> Jane Custer <input type="checkbox"/> Layne Skeels <input type="checkbox"/> Andrei Karapetian <input type="checkbox"/> Debbie Papac, Scribe <input type="checkbox"/> Paul Garibaldi <input type="checkbox"/> Jeff Gadzia, Board Member
Staff (Non-Voting):	<input type="checkbox"/> (Ashley Krempien, Director of Recreation)

B. Approval of Agenda – Please send any additions or questions.

C. Approval of Minutes April minutes were emailed to the committee.

D. New Items:

1.	LQAC Membership renewal
2.	LQAC 2025 Calendar Overview <ul style="list-style-type: none">a) Halloween Carnival recapb) Christmas party ideas
3.	10 year California Department of Fish and Wildlife routine maintenance agreement application-update
4.	2025 Lake use survey update
5.	Lake Levels-Fred <ul style="list-style-type: none">a) Non-potable well updates
6.	Water Quality -Fred <ul style="list-style-type: none">a) American Lady Vets Lake treatment discussion
7.	Fish remediation Addendum A – Fred
8.	Program outreach -Ashley and Fred <ul style="list-style-type: none">a) Minimum Dayb) Program ideas for 2026
9.	Plants – Fred/Rick <ul style="list-style-type: none">a) Floating island rehab project-status updateb) Water hyacinth
10.	LQAC 2025 yearly goals Addendum B
11.	Committee member comments and questions
12.	Visitor Comments and Questions

E. Follow-Up Items: 1 items



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| 1. | Bear Tracks articles ideas- Jan lake use survey, Feb Where does the lake water come from? |
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LQAC 2025 scheduled meetings occur at 05:00 PM Pacific Time (US and Canada): February 3rd, April 7th, June 2nd, August 4th, October 6th, December 1st 2025.



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Addendum A Fish Remediation

Netting Yearly Overview

Four Island

July Fish dieoff

5,740 lbs.

**Total Bullhead Catfish Harvested in pounds from January
1st 2025, to November 26th 2025**

17,037 lbs

Combined fish removal for 2025 in lbs as of 11/26/2025

22,777 lbs

**Fish capture in
pounds**

2025 Yearly harvest totals Four Island Lake	Number of net nights	1245		
Location	Four Island Lake			
Size range	0-4 inches	4-7 inches	7-10 inches	10-13 inches
Black Crappie (-)= removed	-53.00	-2640.00	144.00	13.00
Bluegill	269.00	764.00	10.00	0.00
Redear Sunfish	0.00	8.00	31.00	0.00
Green Sunfish	4.00	21.00	0.00	0.00
Golden Shiner	60.00	3704.00	776.00	0.00
Bullhead catfish in lbs removed	-17037.00	0.00	0.00	0.00
Largemouth Bass	0.00	6.00	2.00	0.00
Channel catfish	0.00	0.00	0.00	0.00
Size range	13-16 inches	16-19 inches	19-22 inches	22-25 inches
Largemouth Bass	0.00	0.00	0.00	0.00
Channel catfish	0.00	0.00	0.00	0.00
2025 avg pounds bullheads per net night				
Jan avg pounds bullheads per net night	35.91176471			
Feb avg pounds bullheads per net night	11.78571429			
March avg pounds bullheads per net night	5.64516129			
November avg pounds bullheads per net night	8.127090301			
Fish kill in July net loss in lbs	5740			



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Addendum B 2025 LQAC Lake Goals

LQAC Lake Goals by section for 2025:

Mountain View Consulting Group is how most of the goals are implemented, and achieved

Watershed Jan 2025 - Dec 2025	
1	Continue working on adequate water supply, storage, and access. (LQAC advising BVSA through plan)
2	Evaluate and continue completing the lake shore access improvement project in manageable small pieces. (LQAC)
3	Evaluate and continue lake nursery/habitat area improvement project/ phases. (LQAC)
4	Improve the Surprise Lake drainage that flows from Surprise Lake into Cub Lake for the 2025 drainage improvement project. This project will focus on the last 330' of drainage flowing into Cub Lake. (Drainage improvement planting will be broken into small manageable sections.) (LQAC, BVSA, IGM, CSD)
5	Record, and track evaporative loss rate (LQAC)
6	Continue work on 1st peninsula within Jacks Hole
7	Continue shoreline stabilization using rock rip rap (BVSA, IGM, LQAC)
8	Continue spawning habitat improvement by installing pea gravel spawning beds (BVSA, LQAC)

Water Quality Jan 2025 - Dec 2025	
1	Continue to monitor water quality and evaluate data, improvements, testing, treatments. (LQAC to BVSA)
2	Continue to work with the State of California Water Quality Monitoring Council to report and track Harmful Algae Blooms (HAB)
3	Continue to treat Four Island Lake, and Cub Lake April through October to prevent HAB's, decrease sediment, and maintain vegetation.
4	Evaluate any additional treatments by cost and effectiveness. (LQAC)
5	Track and evaluate all testing associated costs. (LQAC)
6	Update the Lake Calendar schedule for bacterial and cyanobacteria testing. (LQAC)



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5 Incorporate lake educational opportunities for all residents, fishing derbies & virtual fishing photo derby. (LQAC and BVSA)

6 Track and evaluate all fish associated costs and income. (LQAC)

Plants Jan 2025 - Dec 2025

1 Harvest 1/3rd of the 7th Hole Pond lilies and divide the rhizomes that are favorable for multiplying.

Replant all rhizomes into the 7th Hole Pond, Four Island Lake, and Cub lake.(LQAC)

2 Continue to place and grow water hyacinth within the 7th hole pond, and Four Island Lake. In the fall all the growth will be removed. Some of the removed plants will be placed in a greenhouse for the winter to be placed back into the lakes in spring of 2026. (LQAC)

3 Improve the Surprise Lake drainage that flows from Surprise Lake into Cub Lake for the 2025 drainage improvement project. This project will focus on the last 330' of drainage flowing into Cub Lake.
(Drainage improvement planting will be broken into small manageable sections.) (LQAC, BVSA, IGM, CSD)

4 Evaluate and maintain existing floating plant islands. (LQAC)

5 Maintain floating Islands in front of the inlets feeding the lake which have the highest nutrient values.
(LQAC)

6 During the fall Cattail maintenance will be performed around all waterbodies

7 During Spring Maintain Marina Island by weed whacking before Memorial Day weekend.

8 Establish and implement a schedule for maintaining the remaining islands within Four Island and Cub Lake

Recreation, Collaboration, and Partnerships Jan 2025 - Dec 2025

1 Repair the dock access at Cub Lake by filling in the erosion with 1.5" gravel.

2 Obtain a quote to determine the cost of adding an additional dock to Cub Lake to improve recreational fishing access (BVSA)



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3	Attend & provide educational materials at the festivities during Memorial Day, 4th of July-Booth @ Cub Lake, attend and participate in the Boat Parade and paddle races, Labor Day weekend, and Halloween Trunk or Treat. (LQAC)
4	Publicity & Public Awareness. (LQAC and BVSA management)
5	Publicity & Public Awareness to begin informing lake shore property owners and valley residents of the boundary between private property and the lake's common area. As well as explaining the importance and proper use of the common area (BVSA, GM, IGM, Fred)
6	Continue Lake Scholars Program (LQAC)
7	Continue to distribute fish fillets to the BVSA residents (MVCG)
8	Conduct a Lake use survey and compare results to the previous survey conducted in 2020

Google Drive Jan 2025 - Dec 2025

1	Maintain the google account and email. (LQAC)
2	Continue to provide BVSA with monthly and bi-monthly water quality dashboards (LQAC)