



BEAR VALLEY SPRINGS ASSOCIATION
Lake Quality Advisory Committee Agenda
Location: Monday, October 6th 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 2025 Calendar Overview a) Halloween Carnival
2.	10 year California Department of Fish and Wildlife routine maintenance agreement application
3.	2025 Lake use survey addendum A
4.	Lake Levels-Fred a) Non-potable well updates
5.	Water Quality -Fred a) Algae/Vegetation treatment schedule Addendum B b) Lake treatment contract review and renewal discussion
6.	Fish remediation Addendum C – Fred
7.	Program outreach -Ashley and Fred a) Minimum Day b) Program ideas for 2026
8.	Plants – Fred/Rick a) Floating island rehab project-status update b) Water hyacinth/water lily fall projects c) Cub Lake Aquatic plant fall cut back and removal plan
9.	LQAC 2025 yearly goals Addendum D
10.	Committee member comments and questions
11.	Visitor Comments and Questions

E. Follow-Up Items: 1 items



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1.	Bear Tracks articles
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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 Lake Use Survey



☒ Show Display Name as the Survey Creator ?

☐ Use Security Verification ?

This is the preview of your survey and doesn't accept any data.

BVSA Lake Amenities Survey 2025-2026

Created by Fred Hicks ▼

This short survey (only 18 questions) is essential to our development and maintenance of BVSA amenities. Please provide input about how you visit and use the lakes NOW. When you reach question #13 below, provide your thoughts about FUTURE visits and use of the lake areas. Please think about ways to improve, maintain and use these amenities.



* Answer is required

Compared to five years ago (2020), how would you rate the overall condition of each lake in Bear Valley Springs (water quality, amenities, and recreational experience)?

	Much improved	Somewhat improved	About the same	Somewhat worse	Much worse	Didn't live here five years ago
4-Island Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cub Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jack's Hole	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

When do you utilize or visit the lakes in BVS:

	All year long	Seasonally (when weather permits)	Never
4-Island Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cub Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jack's Hole	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

On average, how often do **you or other family members** visit the following lakes in BVS?

	More than once a week	Once a week	A couple of times a month	Once a month	A few times a year	Almost never	My property is on the lake	
4-Island Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Cub Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Jack's Hole	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	✖

How often do you **host guests** at:

	Never	Less than 5 times a year	6 – 10 times a year	More than 10 times a year
4-Island Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cub Lake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Jack's Hole	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please select all of the following activities that you (or your household members) participate in at **4-Island Lake**

- ☐ Riding bikes, roller and/or in-line skating
- ☐ Fishing
- ☐ Swimming
- ☐ Boating (includes kayaks, canoes, Stand Up Paddleboards (SUPs), etc.)
- ☐ Walking
- ☐ Just relaxing by the lake
- ☐ Playground
- ☐ Observing nature, i.e. birdwatching, etc.
- ☐ Volleyball or other games

- ☐ Barbecues / Picnics
- ☐ Weddings, birthday parties, or other large group events
- ☐ Special BVS events, such as concerts, 4th of July activities, etc.
- ☐ Please indicate any other activities or aspects of the lake not included above

Please select all of the following activities that you (or your household members) participate in at Cub Lake

- ☐ Walking, roller and/or in-line skating, or riding bikes
- ☐ Dog Walking
- ☐ Basketball
- ☐ Just relaxing by the lake
- ☐ Playground
- ☐ Observing nature, i.e. birdwatching, etc.
- ☐ Fishing
- ☐ Barbecues / Picnics
- ☐ Weddings, birthday parties, or other large group events
- ☐ Special BVS events, such as concerts, Movies at the Lake, 4th of July activities,
- ☐ Please indicate any other activities or aspects of the lake not included above



Please select all of the following activities that you (or your household members) participate in at Jack's Hole?

- ☐ Fishing
- ☐ Walking
- ☐ Dog Walking
- ☐ Float Planes
- ☐ Just relaxing by the water
- ☐ Observing nature, i.e. birdwatching, etc.
- ☐ Please indicate any other activities or aspects of Jack's Hole not included above

Which of the following have you reserved space (through the Whiting Center) for a special event?

- ☐ 4-Island Lake
- ☐ Cub Lake

☐ Have not reserved anything so far, but I do value the ability to reserve spaces in the future

On a scale of 1-10, how would you rate the importance of 4-Island Lake as an amenity?

1 is the lowest rating

10 is the highest rating

0 1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

On a scale of 1-10, how would you rate the importance of Cub Lake as an amenity?

1 is the lowest rating

10 is the highest rating

0 1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐



On a scale of 1-10, how would you rate the importance of Jack's Hole as an amenity?

1 is the lowest rating

10 is the highest rating

0 1 2 3 4 5 6 7 8 9 10
☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Drag and drop the items below in their order of importance to you.

How would you rate the importance of the following with regards to the lakes:

Choices

Ranking

.....

Choices

Aesthetics
Safety
Accessibility
Water Quality
Clean Environment
Natural Ecosystem
Sustainability
Adequate supply of fish
Adequate seating / picnic tables

Ranking

Drag & drop choices in ranked order here

Please answer the following, regarding the term Common Area as it applies around the lakes.



- ☐ I'm not familiar with the term
- ☐ I've heard of it, but have no idea what it means
- ☐ I'm aware that certain areas around the lake are designated as such, but not sure where they are located
- ☐ I'm familiar with the term, and know which locations are designated as common areas beyond the parking area and picnic area
- ☐ I would like to know more about the Common areas designated around the lake that I can access and the areas I should not access
- ☐ Please make any comment or question you may have about common areas with respect to the lakes

Is there anything that you would like to see improved/changed/added to 4-Island Lake, Cub Lake or Jack's Hole? Please share any ideas and indicate which lake you are referencing.

To help us get a better idea of who uses the lakes, how long have you lived in BVS?

- ☐ Less than a year

- ☐ 1-5 years
- ☐ 6-10 years
- ☐ More than 10 years


To help us get a better idea of who uses the lakes, use the drop down list to indicate how many total people in your household?

To help us get a better idea of who uses the lakes, what ages of people in your household use the lakes? (select all that apply)

- ☐ Preschool (under 5)
- ☐ Grade school (6 - 11)
- ☐ Middle or High School (12-19)
- ☐ Young Adult (20 to 35)
- ☐ Middle Aged (36-59)
- ☐ Retired (over 60)



Any additional comments or suggestions?



Finish

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Addendum B 2025 Lake Treatment Calendar



 **Lake Treatment
Closure 4-Island Lake for 2025**

Four Island Lake, beach, and docks will be closed during the dates below.

Swimming will be prohibited until noon, and the entire lake area will again be open for public use.

- Wednesday April 2nd
- Wednesday April 16th
- Wednesday April 30th
- Wednesday May 14th
- Wednesday May 28th
- Wednesday June 11th
- Wednesday June 25th
- Wednesday July 9th
- Wednesday July 23rd
- Wednesday August 6th
- Wednesday August 20th
- Wednesday September 3rd
- Wednesday September 17th
- Wednesday October 1st
- Wednesday October 15th
- Wednesday October 29th



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Addendum C Fish Remediation

Fish capture in
pounds

Netting Yearly Overview

Four Island

Total Bullhead Catfish Harvested in pounds from January
1st 2025, to April 3rd 2025

14607 lbs

2025 Yearly harvest totals Four Island Lake	Number of net nights	946		
Location	Four Island Lake			
Size range	0-4 inches	4-7 inches	7-10 inches	10-13 inches
Black Crappie (-)= removed	-28	-2343	144	13
Bluegill	197	688	10	0
Redear Sunfish	0	8	31	0
Green Sunfish	1	7	0	0
Golden Shiner	44	3644	776	0
Bullhead catfish in lbs removed	-14607	0	0	0
Largemouth Bass	0	6	2	0
Channel catfish	0	0	0	0
Size range	13-16 inches	16-19 inches	19-22 inches	22-25 inches
Largemouth Bass	0	0	0	0
Channel catfish	0	0	0	0
2025 avg pounds bullheads per net night	-15.44080338			
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			



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Addendum D 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)



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5	Track and evaluate all testing associated costs. (LQAC)
6	Update the Lake Calendar schedule for bacterial and cyanobacteria testing. (LQAC)

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