

***LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT
MINUTES OF AN ALA/LACSD INTERFACE COMMITTEE MEETING***

DATE: September 30, 2019

TIME: 5:30 p.m.

PLACE: LACSD Blue Jay Board Room
27307 St. Hwy. 189, Ste. 104
Blue Jay, CA 92317

ATTENDANCE: ***ALA Committee Members Present:***
Gary Clifford, Board President
Brian Hall, Director

ALA Committee Members Absent:
None

ALA Staff Present:
Wayne Austin, General Manager

LACSD Committee Members
Robert Morris, Director
John Wurm, Board President

LACSD Committee Members Absent:
None

LACSD Staff Present:
Catherine Cerri, General Manager
Kathleen Field, Executive Assistant

Others Present:
Emil Marzullo
Harry Bradley, Mountain News
Clark Haney

The meeting was called to order at 5:32 p.m.

PUBLIC COMMENT

There was no Public Comment.

APPROVAL OF MEETING MINUTES

Mr. Clifford **MOVED** and Mr. Wurm **SECONDED** to approve the December 12, 2018, ALA/LACSD Interface Committee meeting minutes as corrected, page 3, paragraph 1, sentence 14, change Gifford to Clifford.

CARRIED: **AYES: Clifford, Hall, Morris, and Wurm**
NOES: None
ABSTAIN: None
ABSENT: None

DISCUSSION TOPICS

1. Aquatic Invasive Mussel Species

Ms. Cerri reported that she was not aware of any incidences of the aquatic invasive mussel species in Lake Arrowhead and expressed appreciation to the Arrowhead Lake Association for their hard work and diligence in keeping the aquatic invasive mussel species from the lake. Mr. Clifford and Mr. Hall commented on the efforts done by Arrowhead Lake Association. They remarked that the short-term rental guests make it difficult by sneaking kayaks and other things on the lake, and ALA needs to be diligent and continue to be diligent. Discussion continued regarding the boat inspections.

2. Lake Level

Mr. Clifford commented that the Lake was approximately 2 feet down, and he was anticipating a better than average winter, adding it was a good year for local business.

3. Memorandum of Understanding

Ms. Cerri reported that ALA provided the 2017/2018 Cost Sharing Invoices. She distributed ALA LACSD cost sharing handouts and stated that the LACSD Boards' recommendation would be to pay the joint operations costs in the amount of \$38,597.00. A discussion ensued regarding the maximum budget set for the dam permit fees in the MOU, Cost of Living Increases (CPI), and the States increases in the dam permit fees. Mr. Clifford requested to amend the maximum budget for the dam permit fees to 50% of the actual cost presented to the LACSD Board. Mr. Wurm acknowledged the request. Clarification was made that the amendment for the dam permit fees would be from 2018/2019. The Committee also discussed the rising costs of boat inspections related to the maximum budget amount of aquatic invasive mussel species. Ms. Cerri noted that from the District's point of view, it was more difficult to nail down from the cost perspective and would require detailed information such as

time entry records from ALA. The Committee talked about the process for extending the MOU, lake dredging, and the tower related to the amount being cost shared.

4. Lake Arrowhead Tracer Study

Ms. Cerri stated that the deployment of tracer was pushed to the week of October 15, 2019, because the sampling protocol for the sucralose was not ready, and she did not receive the waiver from Lahontan.

5. Outlet Valve Replacement Project

Ms. Cerri stated that the Outlet Valve Replacement Project was added at the request of ALA. ALA distributed a handout on the Lake Arrowhead Outlet System Project, which provided background information on the outlet system and Tetra Tech's preliminary findings to the Committee. Mr. Marzullo, a consultant hired by ALA, went over the background information on the outlet system, noting that the original infrastructure was over 100 years old and all physical metal was circa 1908-1910; ALA maintained the valves and exercised the valves for many years. The Department of Water Resources, Division of Safety performed an inspection of the outlet system and concluded that the infrastructure failed in the terms of their requirement. Mr. Marzullo stated in a high-water event, water would need to be released; however, more likely, water would need to be released after a seismic event. The DSOD requires that in the event of a significant seismic or other event that affects the integrity of the dam, the lake level be lowered by 10% within 7-10 days and in the event of a seismic event draining of the entire lake. Some valves worked, but the outlet system cannot lower the lake to meet the State requirement. ALA hired Tetra Tech Engineering to study and recommend corrective measures to comply with the DSODs concerns. Mr. Marzullo went over three working alternatives; 1) replacement of all the valves and piping; 2) relocation of the outlet valves, install new piping in the tunnel and install new valves outside the tunnel; 3) add bulkheads to the vault chamber and allow tunnel #1 to pressurize when the outlet was flowing. The construction estimates ranged from a low three million dollars to a high exceeding ten million dollars. ALA staff was working with the Engineer and DSOD to refine the calculations and design criteria necessary to achieve the long-term solution and has given a deadline of 2021. A series of questions were posed regarding how the project would be paid for, who should be responsible for paying; what public resources were available before going to owners; grant funding options, tax money. The Committee concurred that a joint information meeting with ALA, LACSD, Dam District, and San Bernardino County be held. The final engineering report would be completed in 30 days and provided to LACSD.

Public comment was heard from Clark Haney and Harry Bradley.

6. Future Well Sites

Ms. Cerri informed the Committee that this item was carried over from the previous meeting. Ms. Cerri stated that the first test well would be the LACSD Blue Jay site. Mr. Clifford posed questions on how the groundwater would be treated.

7. Future Agenda Topics

Mr. Hall remarked that Ralph Wagner completed the research and provided daily water reports. Ms. Cerri stated that she had met with Mr. Wagner and created a spreadsheet utilizing his information. Mr. Wurm commented that Mr. Wagner also used data from LACSD Operations Reports.

ADJOURNMENT

The meeting adjourned at 6:55 p.m.

Kathleen Field
Executive Assistant