# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT
# MEETING AGENDA

## REGULAR MEETING OF THE BOARD OF DIRECTORS

**DATE: January 28, 2025**
**TIME: 5:30 p.m.**

**POSTING:** This agenda was posted prior to 5:00 p.m. on January 24, 2025, at the District Board Room, District Office, and the District Website.

**Meeting Location**
LACSD Blue Jay Board Room
27307 State Highway189, Suite 104
Blue Jay, CA 92317

The Board meeting is an in-person meeting, and the telephone and video options are being provided solely for the convenience of the public. If there is a disruption of the telephone or video capabilities during the Board meeting, the meeting will continue in person without interruption. In addition, please be advised that the telephone and video option will end and not be available after the Board goes into Closed Session, if there is a closed session item on the agenda.

Participants will have the opportunity to speak during the Public Comment period (for topics not on the agenda) and during each of the items on the agenda.

Any person wishing to submit written public comments via email, please do so by Monday, January 27, 2025, by 4:30 p.m. to administration@lakearrowheadcsd.com.

**Video Access**
To join the meeting using a computer, tablet, or smartphone, use the link listed below:
https://us02web.zoom.us/j/9093367117?pwd=eDh5Rng4aXc4MEp2V0NPcm5udlhMQT09
To comment by video, use the **Raise Hand** feature to request to speak during the Public Comment period (for topics not on the agenda) or during each item on the agenda. If there is more than one raised hand, you will be identified and called on one at a time. When recognized by the Board President, use the unmute audio button and mute the audio when finished speaking.

**Telephone Access**
To join the meeting using a telephone, call the phone number listed below:
**+1 (669) 900-6833** enter the **Meeting ID: 909 336 7117** and **Passcode: 7117**
If you wish to speak on an item, please wait for the Board President to call for public comment on the item you wish to comment. Callers can press ***9** to activate the **Raise Hand** feature. If there is more than one caller you will be identified and called on one at a time. Please press ***6** to unmute then ***6** to self-mute when finished speaking.

If you experience issues calling into the meeting or during the meeting, please send an email to administration@lakearrowheadcsd.com.

1. **CALL TO ORDER –** John Wurm, President
2. **PLEDGE OF ALLEGIANCE TO THE FLAG**
3. **AGENDA POSTING CERTIFICATION**
4. **ROLL CALL**
5. **APPROVAL OF AGENDA (Additions and/or Deletions)**

## PUBLIC COMMENT

This portion of the agenda is reserved for the public to speak to the Board of Directors on matters within the jurisdiction of the Lake Arrowhead Community Services District that are not on the agenda. The Board, except to refer the matter to staff and/or place it on a future agenda, may take no action. It is in the best interest of the person speaking to the Board to be concise and to the point. **A time limit of five minutes per individual will be allowed.**

Any person attending in person wishing to comment on an item that is on the agenda is requested to complete a **Request to Speak** form prior to the item being called for consideration. The form is submitted to the Clerk of the Board.

## BOARD MEMBER APPOINTMENT

6. **Consider Appointing a Board Member to the Lake Arrowhead Community Services District Board of Directors, Division 3**

## CONSENT CALENDAR

The following consent items are expected to be routine and non-controversial and will be acted on at one time without discussion unless an item is withdrawn by a Board member for questions or discussion. Any person wishing to speak on the Consent or Open agenda may do so by announcing their name and being recognized by the President.

7. **Approval of Minutes**
   December 10, 2024 Regular Board Meeting Minutes Page 5

## INFORMATION AND DISCUSSION ITEMS

**8. Departmental Reports**

**a. Engineering Manager's Report – Capital Improvement Program Update 4th Quarter 2024 and Update on the District Corporation Yard Project No. 177** Page 15
This is an information item
(Presenter: Scott Schroder, Engineering Manager)

**b. Field Operations Manager's 4th Quarter Report 2024** Page 17
This is an information item
(Presenter: Nathan Porter, Field Operations Manager)

**c. Human Resources Manager's 4th Quarter Report 2024** Page 22
This is an information item
(Presenter: Dustin Sims, Human Resources Manager)

**d. Operations Manager's Report** Page 24
This is an information item
(Presenter: Matt Brooks, Operations Manager)

**9. PFAS Update** Page 30
This is an information item
(Presenter: Matt Brooks, Operations Manager)

**10. Yearly Review of Ordinance No. 65 Water Connection Policy of the Lake Arrowhead Community Services District** Page 44
This is an information item
(Presenter: Scott Schroder, Engineering Manager)

**11. General Manager's Report** Page 70
This is an information item
(Presenter: John O'Brien, Acting General Manager)

## ACTION ITEMS

**12. Consider Awarding an Engineering Contract to TKE Engineering for Lift Station #2 Relocation** Page 74
(Presenter: Scott Schroder, Engineering Manager)

## BOARD MEMBER MEETINGS

Board members will have the opportunity to seek Board approval for attendance at meetings of other organizations, seminars, conferences, and other meetings not previously planned for and to report on meetings that they have attended.

## BOARD MEMBER COMMENTS

## ADJOURNMENT

In compliance with the Americans with Disabilities Act, if you need assistance to participate in meeting, please contact Marisa Meads, Board Secretary, (909) 336-7117 or email administration@lakearrowheadcsd.com. Notification 48 hours prior to the meeting will enable the District to make reasonable arrangements to ensure accessibility to this meeting. (28 CFR 35.102-35.104 ADA Title II).

All public records relating to an agenda item on this agenda are available for public inspection at the time the records are distributed to all, or a majority of all, members of the Board. Such records shall be available at the District office located at 27307 State Highway 189, Suite 101, Blue Jay, CA 92317, and our website at https://www.lakearrowheadcsd.com.

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT
# MINUTES OF REGULAR MEETING OF THE BOARD OF DIRECTORS

**DATE:** December 10, 2024

**TIME:** 5:30 p.m.

**LOCATION:** LACSD Blue Jay Board Room
27307 State Highway 189, Suite 104
Blue Jay, CA 92317

Via Teleconference - Zoom

**ATTENDANCE:**

*Board Members Present*
Jacqueline Brown, Director
Steve Boydston, Vice President
Robert Morris, Director
John Wurm, President

*Board Members Absent*
Bruce Reynolds, Director

*Others Present:*
Catherine Cerri, General Manager
Amy Hoyt, General Counsel
John O'Brien, Finance Manager
Dustin Sims, Human Resources Manager
Scott Schroder, Engineering Manager
Matt Brooks, Operations Manager
Nathan Porter, Field Operations Manager
Bridget Ortiz, Customer Service Supervisor
Marisa Meads, Board Secretary
Mary Justine-Lanyon, Alpine Mountaineer
Members of the Public - 16

**POSTING:** This agenda was posted prior to 5:00 p.m. on December 5, 2024, at the District Board Room, District Office, and the District website.

**1. CALL TO ORDER**

The meeting of the Board of Directors was called to order at 5:00 p.m. by President John Wurm.

**2. PLEDGE OF ALLEGIANCE TO THE FLAG**

President John Wurm led those present in the Pledge of Allegiance to the Flag of the United Sates of America.

**3. AGENDA POSTING CERTIFICATION**

Board Secretary Meads certified the agenda was posted prior to 5:00 p.m. on December 5, 2024, at the District Board Room, District Office, and the District website.

**4. ROLL CALL**

Board Secretary Meads called the roll. Director Reynolds was absent; all other Board Members were present.

**5. APPROVAL OF AGENDA (Additions and/or Deletions)**

The Board, by general consensus, approved the December 10, 2024, Regular Board Meeting agenda as presented.

## PUBLIC COMMENT

Oral public comment was heard from a community member who attended the meeting in person.

## CONSENT CALENDAR

The following items were listed on the Consent Calendar for approval:

**6. Approval of Minutes**
November 12, 2024 Regular Board Meeting Minutes

**7. Consider Adopting Resolution No. 2024-08 Setting Forth the Regular Board Meeting Schedule for 2025**

**8. Consider Accepting the Highland Sewer Replacement Project No. 214**

A Roll Call vote was taken, the Consent Calendar was approved and Resolution 2024-08 was passed. There was no public comment received.

Director Morris **MOVED**, and Vice President Boydston **SECONDED**, to approve Consent Calendar items #6, #7, and #8 as presented.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

## INFORMATION AND DISCUSSION ITEMS

### 9. Departmental Reports

#### a. Operations Manager's Report

Mr. Brooks reviewed the monthly update with the Board of Directors on water delivered in the current calendar year. After 11 months of this year, and 11 months of 2023, consumption was up 5.4 %. Lake draw through 11 months was down 158 acre-feet. Wells-to-System were down approximately 59 acre-feet versus last year, as the District has been without its largest producing well. This well is currently being rehabilitated and is receiving a new pump and motor, and will be going back on-line in the next few weeks. CLAWA purchases are up this year by 230 acre-feet versus last year. This is due to Cedar Glen Treatment Plant being off and the blending of finished drinking water. Recycled water delivered to the Country Club is up this year. Public comment was received.

#### b. Finance Manager's Fiscal Year 2024-25 Financial Statements and Cash and Investment Report for the Quarter Ended September 30, 2024

Mr. O'Brien presented the 2024-25 Financial Statements and Cash and Investment Report for the first quarter of the Fiscal Year. He commented there was nothing to add to the report, but he wanted to highlight two items. Revenue was slightly above budget while operating expenses were slightly below, with the exception of the increased CLAWA water purchases used for blending. In addition, the District concluded its periodic review with Fitch Rating Service, which determines the District's credit rating. This directly impacts the District's ability to issue debt and how the market views the 2016 Bond Issue. Fitch reaffirmed the District's *AA+ Rating with a Stable Outlook.*

This is the highest credit rating an organization the District's size can achieve. There was no public comment received.

## 10. PFAS Update

Mr. Brooks provided the PFAS update, and he reviewed new testing results that were received since the last Board meeting. These samples were required quarterly raw water samples from North Bay, Well #1, #2, #8, which are the wells that are online. The results were in-line with previous quarterly samples. Mr. Brooks commented that District staff met with N2W, and 30% plans have been submitted to the District for the Bernina Water Treatment Plant. Plans for Cedar Glen Treatment Plant were received back on November 4, 2024. The District has reviewed both sets of designs and sent comments back to the engineers. The District is currently waiting to schedule a meeting with the State Water Resources Control Board, Division of Drinking Water, to review the new designs. The District also met with the Division of Drinking Water on December 5, 2024, to discuss the project. Mr. Brooks was asked questions by the Board, and there was public comment received.

## 11. American Water Works Association (AWWA) Annual Water Audit Update

Ms. Ortiz reported on the Annual Water Audit update. She explained that Water Loss Regulation Senate Bill 555 requires all urban retail water suppliers to conduct this annual audit - a water loss assessment with a software system provided by the American Water Works Association and assistance with a water audit validator. The State Water Resources Control Board developed water loss standards that became effective in 2023. The standard set for the District was 20 gallons of real losses per connection, per day, which was met in 2023 and also in 2024 at 19.8 gallons. There was public comment received.

## 12. Water Use Efficiency Objectives

Ms. Cerri stated that in 2018, water conservation legislation was passed that created Water Use Efficiency Objectives that regulate water suppliers to calculate a water budget. The District budgets for residential indoor, residential irrigation, commercial irrigation, and water loss. This is the first year the District is held to the regulations and required to first calculate the Water Objective and then review actual use. The Water Objective budget in 2024 was 1,203 acre-feet, and the District met the budget. The 2025 budget will be 1,140 acre-feet, which is lower than this year. Water use is up this year, so the District is watching carefully to make sure they meet the budget. The issue with the current calculation is that the State Water Board is under the assumption that the District only services 7,000 people for residential water use.

Due to our wavering population, the District will apply for a Seasonal Population Variance. There was no public comment received.

**13. General Manager's Report**

Ms. Cerri attended the Association of California Water Agencies (ACWA) conference and spoke with the General Manager for the Santa Ana Water Shed Project Authority. Due to the Line Fire burn scar, cloud seeding will be postponed for the remaining water year. To date, the District has processed 133 rebates for at-home PFAS removal filters. Ms. Cerri noted that the next Board Meeting will not be until January 28, 2025. There was no public comment received.

## ACTION ITEMS

**14. Consider the Election of Officers for the Positions of President and Vice President to the Lake Arrowhead Community Services District Board of Directors**

Ms. Cerri stated that the Board of Directors annually elects the Officer positions, President and Vice President of the Board, to serve for the upcoming 2025 year. She noted these two positions also serve on the Executive Committee. President Wurm opened the election for the Board President and Vice President. There was no public comment received.

Vice President Boydston **MOVED** to nominate John Wurm for the Board President position, and Director Brown **SECONDED** the nomination to elect John Wurm as President to the Lake Arrowhead Community Services Board of Directors.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

President Wurm **MOVED** to nominate Steve Boydston for the Board Vice President position, and Director Brown **SECONDED** the nomination to elect Steve Boydston as Vice President to the Lake Arrowhead Community Services Board of Directors.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

**15. Consider the Designation of Two Representatives, One Alternate, and the General Manager, to the Arrowhead Lake Association and Lake Arrowhead Community Services District Interface Committee**

Ms. Cerri stated that the Board of Directors annually designates two representatives, and one alternate, and the General Manager, to serve on the Arrowhead Lake Association and Lake Arrowhead Community Services District Interface committee for the upcoming 2025 year.

Following board consideration, Vice President Steve Boydston **MOVED**, and Director Morris **SECONDED**, to approve the designation of President John Wurm and Director Bruce Reynolds as the two representatives, and Director Jacquleine Brown, as the alternate representative, to the Arrowhead Lake Association and Lake Arrowhead Community Servies District Interface Committee for 2025.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

**16. Consider Approving the Fifth Amendment to the Employment Agreement Between the Lake Arrowhead Community Services District and Catherine Cerri, General Manager**

General Counsel Amy Hoyt proposed the Fifth Amendment to the General Manager Employment Agreement. During the last board meeting, a performance evaluation was conducted as well as a discussion of a proposed merit-based salary increase of 5% due to General Manager Catherine Cerri's exceptional performance. There was no public comment received.

Direct Morris **MOVED**, and Director Boydston **SECONDED**, to approve the Fifth Amendment to the Employment Agreement between the Lake Arrowhead Community Services District and Catherine Cerri, General Manger.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

**17. Consider Approving a Revised 2025 Managers, Supervisors, and Confidential Employees Unit (MSCEU) Salary Schedule**

Ms. Cerri said Salary Schedules must be Board approved every year for CalPERS and other various requirements. The CPI was 4.8% for the Managers, Supervisors, and Confidential Employees Unit (MSCEU), and the revised 2025 Salary Schedule reflects this. No public comment was received.

Director Morris **MOVED**, and Vice President Boydston **SECONDED**, to approve the revised 2025 Mangers, Supervisors, and Confidential Employees Unit (MSCEU) Salary Schedule.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

**18. Consider Approving a Revised 2025 Utility Workers Union of America, Local 557 Salary Schedule**

Ms. Cerri stated that this is very similar to the last item, but this item is for the Utility Workers Union of America, Local 557. The current contract was based on the CPI but has a cap of 4%, and the revised 2025 Salary Schedule reflects this. No public comment was received.

Director Morris **MOVED**, and Director Brown **SECONDED**, to approve the revised 2025 Utility Workers Union of America Salary Schedule.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

**19. Consider Awarding a Procurement Contract for the Corporation Yard Interior Doors Project No. 253**

Mr. Schroder provided background for the purchase of the interior doors, which were not included in the original Corporation Yard contract. This procurement contract is for the purchase of 17 various commercial interior doors with hardware. These doors are per the approved plans and will comply with standards and regulations. On October 3, 2024, the District went out to bid for a contractor to construct and install interior doors. There were two estimates received. One estimate was for over $100,000 and included the doors, hardware, and installation. The second estimate was from RBI to provide the doors only with no installation. District staff decided to move forward with the installation of the doors themselves,

and President Wurm thanked them for saving the rate payers money. Director Morris commented at the savings of $60,000 to the District for having staff do the installation themselves. The fiscal impact and cost associated with approving a procurement contract with RBI is $39,183 and is included in the 2024-25 Fiscal Year budget. The total project cost is estimated to be $47,804, including the cost of the procurement and additional cost for engineers, inspections, and other related cost. Public comment was received.

Director Morris **MOVED**, and Vice President Boydston **SECONDED**, to approve the procurement contract with RBI for the Corporation Yard Interior Doors Project No. 253 and to authorize the General Manager to execute the contract.

**CARRIED:** **AYES:** Brown, Boydston, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Reynolds

At 6:32 p.m. Vice President Boydston left the meeting and was absent for voting on items #20 and #21.

**20. Consider Awarding a Contract for Installation of Drywall and T-Bar for the Corporation Yard Project No. 253**

Mr. Schroder said that this project was also not part of the original building contract. This project went to bid, and one bid was received from Jeff Corcoran Drywall, Inc. The cost associated with this bid is $97,800, plus 15% contingency of $14,670. The total project is estimated to cost $136,213, and is included in the Fiscal Year 2024-25 budget. This includes the cost for construction and $16,871 for engineers, inspections, and other related cost. Funds will come from the Capital Improvement Fund 210. Public comment was received.

Director Morris **MOVED**, and Director Brown **SECONDED**, to approve the contract with Jeff Corcoran Drywall, Inc. for installation of Drywall and T-Bar for the Corporation Yard Project No. 253 and authorize the General manager to execute the contract and to approve change orders not to exceed 15% of the original contract amount.

**CARRIED:** **AYES:** Brown, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Boydston, Reynolds

**21. Consider Awarding a Contract for I&I Manhole Rehabilitation 2024 Project No. 258 and File a Notice of Exemption Finding that the Project is Categorically Exempt in Accordance with the California Environmental Quality Act**

Mr. Schroder stated that this is an annual project where our field crews locate manholes that are leaking, have broken shelves, or have issues with infiltration, and repair or replace them. This is part of the District's efforts to improve the aging wastewater collection system and comply with the Cease-and-Desist Order (CDO) through the Lahontan Regional Water Quality Control Board. This project includes 20 manholes and went out to bid on October 7, 2024. Two contractors responded that had previously completed past construction projects for the District. The lowest and most responsive bidder was Ayala Engineering at the cost of $141,935, plus 15% contingencies of $21,290, for a total of $160,225. The total project budget is $125,000 and is included in the Fiscal Year 2024-25 budget. The total project cost is estimated at $173,161 which includes the cost of construction and $12,936 for engineering, inspections, and other related cost. Funds are provided from the Wastewater Fund 210. No public comment was received.

Director Morris **MOVED**, and Director Brown **SECONDED**, to approve the contract to Ayala Engineering for the I&I Manhole Rehabilitation 2024 Project No. 258 and file a Notice of Exemption finding that the project is categorically exempt in accordance with the California Environmental Quality Act, and authorize the General Manager to execute the contract and to approve change orders not to exceed 15% of the original contract amount.

**CARRIED:**
**AYES:** Brown, Morris, Wurm
**NOES:** None
**ABSTAIN:** None
**ABSENT:** Boydston, Reynolds

## BOARD MEMBER MEETINGS

There were no Board Member meetings to report on.

## BOARD MEMBER COMMENTS

Director Morris commented on PFAS and possible sources. He also commented that the District continues to do all they can to provide clean drinking water for ratepayers.

## ADJOURNMENT

There being no further business, Director Morris **MOVED**, and Director Brown **SECONDED**, to adjourn the meeting. The meeting adjourned at approximately 6:46 p.m.

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**Marisa Meads, Executive Secretary**

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

# MEMORANDUM

| | |
|---|---|
| ***DATE:*** | **January 28, 2025** |
| ***TO:*** | **Board of Directors**<br>Lake Arrowhead Community Services District |
| ***FROM:*** | **Scott Schroder**<br>Engineering Manager |
| | **Catherine Cerri**<br>General Manager |
| ***SUBJECT:*** | **Engineering Report-Capital Improvement Program Update 4th Quarter 2024** |

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## A. RECOMMENDATION

This is an informational item only

## B. REASON FOR RECOMMENDATION

This is an informational item only.

## C. BACKGROUND INFORMATION

The attachment contains the Capital Improvement Program Water and Wastewater Status Report – 4th Quarter 2024.

## D. FISCAL IMPACT

This is an example.

## E. ENVIRONMENTAL IMPACT

This is an informational item only.

## F. ATTACHMENTS:

- Capital Improvement Program, Water and Wastewater Status Report – 4th Quarter 2024

| Engineering CIP Projects 1/21/2025 | | |
|---|---|---|
| **Project #** | **Project** | |
| 253 | Corporation Yard | Trash Enclosure is finished and ready for inspection. Trinity's heaterswill be delivered on 2/4/2025. Small amount of punch Items left for Trinity 2-3 days of work. |
| 179 | Spyglass Slope Protection | Soil Nail Retaining Wall out to bid early Spring for Summer Construction. New tank out to bid shortly after. |
| 187 | Blue Jay Well | Staff comments back to Webb. TKE to Survey for distribution design. Need easement from Grocery Outlet property for water distribution. |
| 191 | LS # 2 Relocation | Under design. Gus has received a verbal ok to do the relocation. Wants something in writing. To the Board on 1/28 for design contract. |
| 228 | GVWWTP SCADA Room | Walls are being constructed. Windows are being installed in walls. Project is 50% Complete. |
| 229 | GVWWTP 1.0 MG RW Pond | Under design. Joanna is going to get a survey for the recycled water building. Potholing for connection points maybe unnecessary. |
| 244 | Hwy 173 Ground Water Wells | CEQA is on hold for now. We are working on property Acquisition, TKE to provide a quote for water treatment design. |
| 245 | Corp Yard Well | Site layout to be determined; Project on hold. |
| 248 | WCWWTP Watermain | design is 100%. Plans to Frontier Communications for approval. Waterline will be installed prior to building construction |
| 251 | PFAS Treatment Design | 60% Plan review under way. Chambers is working on CEQA and has received 60% of the plans and design schedule design. They will assist in AB52. |
| 254 | Western- Cedar Glen Sewer Extension | On hold.100% Design. House with septic issues is within 200' of sewer. Will require a 40 to 50 foot extension to connect. |
| 255 | WCWWTP Building | Under design. Staff comments back to Bluescope |
| 256 | Hospital Road Sewer Replacement | 100% Design Traffic control plan, CALTRANS Permit. Under staff review. |
| 257 | Manhole Inflow Reduction 2024 | Waiting on Start Date and Schedule |
| 258 | I & I Manhole Rehabilitation 2024 | Under Construction. Phase I. 47 manholes have been completed |
| 260 | Bald Eagle Water Replacement | Under Design. Obtaining as- built plans for other utilities. |
| 261 | Lakewood Tract Water Replacement | Generating scope of project. |
| 262 | Golf Course and Tunnel Water Replacement | TKE to Survey then under design |
| J108 | Well #5 Rehabilitation | The Pump is installed to a depth of 484 ft. Before continuing, they need to get the discharge head from the shop. |
| - | Well #6 Rehabilitation | Kyle Groundwater is working on the project's bid-set scope.To the Board on 2/25. |
| 263 | Meadow Bay and Blue Jay Bay Slip Lining | Under Design. Waiting on Manhole Photos and Depths from Field Ops. The project is 6000 LF with 47 Manhole Rehabilitations. This may be broken down in to two projects |
| 266 | Slip Lining Various Projects | Out to Bid on 1/16, Jobwalk on 1/30, Bid Opening 2/13, to the board on 2/25. |
| - | District Sliplining RFP | RFP complete. Generating an Example Bid Schedule for pricing then sent to contractors |
| - | Blue Jay Parking Lot- Concrete Repair | Contract to be Scheduled |
| **Project #** | **Other Projects** | **Status** |
| 142 | Solar Farm | Support. |
| J100 | Hillside Ponds | Support. |
| - | SWRCB Order WR 2006-0001 | Complete for 2024. |
| K-12 | CDO R6V-2013-0022 | Preparing 2023/2024. |
| - | Rimforest Well and Tank Replacement | 2/22/2022 Board Meeting Staff Report CEQA Exemption. State currently conducting home owner survey for funding qualification. |
| - | LACC Ground Water Development | Budgeting for future wells. |
| F68 | Pearce 28830 Cedar Drive | Sewer Extension |
| - | Yearly Review of Ordinance No. 65 | Information and Discussion Item 1/28/2025 |
| - | Engineering Manager's Report CIP 4th qtr. | Information and Discussion Item 1/28/2025 |
| | **LEGEND** | |
| | Out to Bid- Bid Process | |
| | Staff Report. To the Board of Directors for approval. | |
| | Project Under Construction | |

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

# MEMORANDUM

| | |
|---|---|
| ***DATE:*** | **January 28, 2025** |
| ***TO:*** | **Board of Directors**<br>Lake Arrowhead Community Services District |
| ***FROM:*** | **Nathan Porter**<br>Field Operations Manager<br><br>**Catherine Cerri**<br>General Manager |
| ***SUBJECT:*** | **Field Operations Manger's 4th Quarter Report 2024** |

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## A. RECOMMENDATION

This is an informational item.

## B. REASON FOR RECOMMENDATION

This is an informational item.

## C. BACKGROUND INFORMATION

**Valve and Hydrant Maintenance Program**

LACSD's valve and hydrant maintenance program is a proactive strategy designed to ensure the reliability and efficiency of the water distribution system. Each valve is thoroughly inspected, debris is removed, and the valve is operated through its full range of motion. This process helps prevent issues such as rust, corrosion, and mineral deposits, which can hinder valve function and proper shutoff.

In conjunction with valve exercising, the District conducts hydrant flushing. During this process, each hydrant is thoroughly inspected to identify and address any maintenance or repair needs, ensuring their reliability in emergency situations. If a hydrant requires repair, it is classified as a high priority, and repairs are completed without delay.

By integrating the Valve Exercising Program with Hydrant Flushing, the District maximizes its maintenance efforts to enhance overall system performance and ensure reliability to our customers.

**D. FISCAL IMPACT**

This is an informational item.

**E. ENVIRONMENTAL IMPACT**

This is an informational item.

**F. ATTACHMENTS:**

- 2024 Quarterly Field Operations Water Report
- 2024 Quarterly Water Leak Information
- 2024 Quarterly Field Operations Wastewater Report

# FIELD OPERATIONS-WATER REPORT

**QUARTERLY** **YEAR: 2024**

**Field Operations - Water**

| ITEM | *1st Qtr.* | *2nd Qtr.* | *3rd Qtr.* | *4th Qtr.* |
|---|---|---|---|---|
| SERVICE INSTALL POTABLE | 2 | 7 | 5 | 4 |
| SERVICE INSTALL FIRE | 1 | 7 | 5 | 4 |
| SERVICE LINE REPLACE | 6 | 16 | 10 | 15 |
| LEAK REPAIR SERVICE | 6 | 12 | 14 | 12 |
| LEAK REPAIR MAIN | 4 | 3 | 3 | 4 |
| HYDRANT REPLACE | 1 | 1 | 0 | 1 |
| HYDRANT REPAIR | 2 | 1 | 5 | 0 |
| VALVE REPLACE | 2 | 2 | 1 | 1 |
| VALVE CAN REPAIR | 4 | 0 | 2 | 1 |
| LEAK DETECTION | 45310' | 7752' | 31013' | 28766' |
| HYDRANT MAINTENANCE | 1 | 49 | 105 | 70 |
| VALVES EXERCISED | 6 | 157 | 217 | 205 |
| FLOW TEST PERFORMED | 6 | 8 | 5 | 7 |
| CURB STOP REPLACED | 6 | 15 | 13 | 4 |
| METER CHANGE OUT | 2 | 4 | 1 | 5 |
| METER MOVE | 1 | 4 | 3 | 5 |
| METER BOX REPAIR/REPLACE | 5 | 0 | 0 | 2 |
| FLUSHING | 23 | 52 | 21 | 72 |
| BALLARD, POST, POLE INSTALL/REPLACE | 0 | 0 | 1 | 0 |
| PATCHES PERMANENTLY PAVED | 14 | 20 | 0 | 22 |

**Service Order Work**

| ITEM | *1st Qtr.* | *2nd Qtr.* | *3rd Qtr.* | *4th Qtr.* |
|---|---|---|---|---|
| DIG ALERT MARKINGS | 458 | 777 | 638 | 416 |
| TURN ON/OFF METER | 222 | 182 | 230 | 180 |
| CHECK FOR LEAK | 18 | 48 | 43 | 23 |
| GET METER READING | 224 | 182 | 230 | 181 |
| CHECK PSI/NO WATER CALL | 7 | 11 | 14 | 11 |
| DIRTY WATER CALL | 2 | 1 | 31 | 13 |
| INSTALL/REMOVE HYDRANT METER | 0 | 2 | 0 | 0 |
| C.S.O.V. CHECK | 0 | 0 | 0 | 0 |
| MEET WITH CUSTOMER | 7 | 21 | 22 | 17 |
| LEAK METER BOX | 13 | 21 | 24 | 21 |
| DOOR TAGS | 40 | 28 | 62 | 37 |

**2024 4th Quarter Water Leaks**

| Date | Hydrant related leak | Service Type | Main Type | Size | Estimated Gallons |
|---|---|---|---|---|---|
| 10/1/24 | | Steel | | 1 | 350 |
| 10/7/24 | | Copper | | 3/4 | 250 |
| 10/8/24 | | | AC | 6 | 205,000 |
| 10/9/24 | | Steel | | 1 | 3,000 |
| 10/14/24 | | Steel | | 3/4 | 300 |
| 10/14/24 | | PE | | 1 | 800 |
| 10/15/24 | | Steel | | 1 | 600 |
| 10/25/24 | | Steel | | 1 | 702 |
| 10/31/24 | | Copper | | 3/4 | 25 |
| 11/1/24 | | | Steel | 6 | 12,384 |
| 11/3/24 | | Steel | | 1 | 2,457 |
| 11/8/24 | | | Steel | 3/4 | 150 |
| 11/25/24 | | | Steel | 3/4 | 200 |
| 11/26/24 | | Copper | | 1 | 500 |
| 12/6/24 | | Steel | | 3/4 | 150 |
| 12/11/24 | | | Steel | 10 | 2,242,800 |
| 12/17/24 | | | Steel | 6 | 800 |
| 12/23/24 | | | AC | 6 | 600 |
| 12/27/24 | | Steel | | 1 | 2,500 |
| 12/31/24 | | Steel | | 1 | 300 |

## Wastewater Collection Report

**QUARTERLY** **YEAR:** 2024

| ***LINE CLEANING*** | ***1st Qtr.*** | ***2nd Qtr.*** | ***3rd Qtr.*** | ***4th Qtr.*** |
|---|---|---|---|---|
| VACTOR | 475' | 1240' | 0' | 1906' |
| JET | 18794' | 8329' | 7133' | 15248' |
| POWER RODDER | 9057' | 5506' | 7136' | 3140' |
| BALLING/PIGGING | 0' | 0' | 0' | 0' |
| Debris removed during cleaning (gal.) | 229 | 306 | 475 | 288 |
| ***PIPELINE REHABILITATION*** | | | | |
| INTERNAL PIPE REPAIR (trenchless) | 0' | 0' | 0' | 9' |
| PIPE REPAIRS | 5 | 4 | 13 | 6 |
| NEW PIPE INSTALLATION | 53' | 72' | 338' | 39' |
| ***MANHOLE REHABILITATION*** | | | | |
| NEW MANHOLE INSTALLATION | 0 | 0 | 0 | 0 |
| MANHOLE REPAIR | 1 | 0 | 3 | 2 |
| MANHOLE COVER GRADE CHANGE | 0 | 2 | 6 | 8 |
| MANHOLES INSPECTED/SEALED | 1,121 | 708 | 575 | 719 |
| ***TV INSPECTION/I&I INSPECTION*** | | | | |
| TV INSPECTION | 76696' | 54850' | 60445' | 74123' |
| SMOKE TESTING | 0' | 26422' | 0' | 9048' |
| FOG INSPECTION | 32 | 0 | 0 | 3 |
| ***SSO/SPILLS*** | | | | |
| DISTRICT CATEGORY 1 | 0 | 0 | 0 | 0 |
| DISTRICT CATEGORY 2 | 0 | 0 | 0 | 0 |
| DISTRICT CATEGORY 3 | 0 | 0 | 0 | 0 |
| DISTRICT CATEGORY 4 | 0 | 3 | 1 | 0 |
| PRIVATE | 0 | 4 | 0 | 0 |
| FLOODED HOME | 0 | 0 | 0 | 0 |
| ***SERVICE ORDER WORK*** | | | | |
| LATERAL INSPECTION | 5 | 1 | 2 | 1 |
| DYE TEST | 14 | 6 | 12 | 10 |
| ANTI-FLOOD INSPECTIONS | 3 | 3 | 2 | 0 |
| ODOR COMPLAINTS | 1 | 3 | 5 | 0 |
| SEWER ISSUE - PRIVATE | 12 | 11 | 20 | 17 |
| SEWER ISSUE - DISTRICT | 7 | 5 | 8 | 0 |

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

## MEMORANDUM

***DATE:*** **January 28, 2025**

***TO:*** **Board of Directors**
Lake Arrowhead Community Services District

***FROM:*** **Dustin Sims**
Human Resources Manager

**Catherine Cerri**
General Manager

***SUBJECT:*** **Human Resources Manager's 4th Quarter Report**

---

## A. RECOMMENDATION

This is an information item only.

## B. REASON FOR RECOMMENDATION

This is an information item only.

## C. BACKGROUND INFORMATION

This report presents a brief overview of the Lake Arrowhead Community Service District (LACSD) Human Resources (HR) Department Fourth quarter.

### Summary of Significant Items

**Number of Employees**
56 Full Time

**Number of Accidents During the fourth Quarter**
0 - Accidents

**Number of Employees using Health Benefits**
53 employees are using the benefits provided by the district.

## Alarm System

New system set up attached to Alarm.com – New motion sensors

## Safety & Health

Staff have completed the required 2024 safety training.

## Employee Relations

We just celebrated and recognized several employees for their service.

Nicki Barnett – 5 years of service
Florencio Burciaga – 5 years of service
John O'Brien – 5 years of service
Kane Kennedy – 10 years of service
Eric Noyes – 10 years of service
Hayley O'Kelly – 10 years of service
Kellie Terrett – 10 years of service
Trevor Cory – 30 years of service

We also thanked Robert Hallmark for 21 years of service.

## Recruitment

We are currently conducting Field Operations I recruitment

## Risk Management

*Compliance Audits* – Be sure to exclude driver license needed on any job descriptions if the job doesn't require it. AB 1100

# D. FISCAL IMPACT

This is an information item only

# E. ENVIRONMENTAL IMPACT

There is no environmental impact

# F. ATTACHMENTS

None

**LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT**

**MEMORANDUM**

| | |
|---|---|
| ***DATE:*** | **January 28, 2025** |
| ***TO:*** | **Board of Directors**<br>Lake Arrowhead Community Services District |
| ***FROM:*** | **Matt Brooks**<br>Operations Manager<br><br>**Catherine Cerri**<br>General Manager |
| ***SUBJECT:*** | **Operations Manager's Report** |

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## A. RECOMMENDATION

This is an information item.

## B. REASON FOR RECOMMENDATION

This is an information item.

## C. BACKGROUND INFORMATION

This report is to give an update on water delivered in 2024.

## D. FISCAL IMPACT

This is an information item.

## E. ENVIRONMENTAL IMPACT

This is an information item.

## F. ATTACHMENTS

- 2024 Monthly Report
- 2023 Monthly Report
- 2024 December Water Delivered Annual Analysis

## 2024 ARROWHEAD WOODS MONTHLY DATA
## ACRE FEET

| MONTH | (1) TRANSFER TO GV LAKE (b) | (2) WELLS TO SYSTEM (c) | (3) BERNINA PLANT | (4) CEDAR GLEN PLANT | (5) COMBINED PLANT (b) (c) | (6) COMBINED PLANT BACKWASH (c) | (7) BERNINA RECYCLE (c) | (8) ROTW CLAWA PURCHASE (a) | (9) BRENTWOOD CLAWA PURCHASE (a) | (10) COMBINED PURCHASE (a) (c) | (11) LAKE DRAW (b) | (12) DELIVERED TO DISTRIBUTION (c) (d) | (13) METERED WATER (d) | (14) EMERGENCY TRANSFER TO DLP (d) | (15) STORAGE VOLUME (e) | (16) STORAGE VOLUME CHANGE +/- (d) | (17) UN-METERED WATER (d) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY | 0.00 | 14.42 | 53.24 | 0.00 | 53.24 | 6.03 | 2.85 | 0.00 | 0.00 | 0.00 | 54.54 | 64.48 | 54.77 | 0.00 | 27.86 | -0.39 | 10.10 |
| FEBRUARY | 0.00 | 10.50 | 58.47 | 0.00 | 58.47 | 3.72 | 2.83 | 0.00 | 0.00 | 0.00 | 58.54 | 68.08 | 42.91 | 0.00 | 27.47 | 0.31 | 24.86 |
| MARCH | 0.00 | 11.27 | 48.43 | 0.00 | 48.43 | 5.48 | 3.54 | 0.00 | 0.00 | 0.00 | 48.43 | 57.76 | 42.57 | 0.00 | 27.78 | -0.35 | 15.54 |
| 1ST QUARTER | 0.00 | 36.19 | 160.14 | 0.00 | 160.14 | 15.23 | 9.22 | 0.00 | 0.00 | 0.00 | 161.51 | 190.32 | 140.25 | 0.00 | 83.11 | -0.43 | 50.50 |
| APRIL | 0.00 | 10.38 | 47.78 | 0.00 | 47.78 | 6.21 | 2.92 | 0.00 | 0.00 | 0.00 | 50.04 | 54.87 | 43.98 | 0.00 | 27.43 | -0.67 | 11.56 |
| MAY | 0.00 | 20.07 | 92.58 | 0.00 | 92.58 | 7.16 | 2.66 | 0.00 | 2.16 | 2.16 | 92.58 | 110.31 | 91.12 | 0.23 | 26.76 | 1.48 | 17.48 |
| JUNE | 0.00 | 17.43 | 98.15 | 0.00 | 98.15 | 6.70 | 6.44 | 21.29 | 8.33 | 29.62 | 98.15 | 144.94 | 124.65 | 0.00 | 28.24 | -1.66 | 21.95 |
| 2ND QUARTER | 0.00 | 47.88 | 238.51 | 0.00 | 238.51 | 20.07 | 12.02 | 21.29 | 10.49 | 31.78 | 240.77 | 310.12 | 259.75 | 0.23 | 82.43 | -0.85 | 50.99 |
| SEMI-ANNUAL | 0.00 | 84.07 | 398.65 | 0.00 | 398.65 | 35.30 | 21.24 | 21.29 | 10.49 | 31.78 | 402.28 | 500.44 | 400.00 | 0.23 | 165.54 | -1.28 | 101.49 |
| JULY | 0.00 | 16.20 | 70.73 | 0.00 | 70.73 | 7.16 | 4.38 | 67.66 | 27.10 | 94.76 | 70.73 | 178.91 | 163.48 | 0.00 | 26.58 | 1.69 | 13.74 |
| AUGUST | 0.00 | 15.16 | 75.01 | 0.00 | 75.01 | 5.35 | 4.58 | 52.41 | 27.27 | 79.68 | 75.05 | 169.08 | 149.88 | 0.00 | 28.27 | 0.63 | 18.57 |
| SEPTEMBER | 0.00 | 14.00 | 85.58 | 0.00 | 85.58 | 6.06 | 5.40 | 26.76 | 25.95 | 52.71 | 85.58 | 151.63 | 130.48 | 0.00 | 28.90 | -0.30 | 21.45 |
| 3RD QUARTER | 0.00 | 45.36 | 231.32 | 0.00 | 231.32 | 18.57 | 14.36 | 146.83 | 80.32 | 227.15 | 231.36 | 499.62 | 443.84 | 0.00 | 83.75 | 2.02 | 53.76 |
| OCTOBER | 0.00 | 11.72 | 62.92 | 0.00 | 62.92 | 5.17 | 4.36 | 16.42 | 27.00 | 43.42 | 62.92 | 117.25 | 98.43 | 0.00 | 28.60 | -1.18 | 20.00 |
| NOVEMBER | 0.00 | 9.47 | 48.77 | 0.00 | 48.77 | 3.85 | 3.12 | 0.00 | 13.14 | 13.14 | 48.77 | 70.65 | 52.72 | 0.00 | 27.42 | 0.16 | 17.77 |
| DECEMBER | 0.00 | 9.81 | 50.79 | 0.00 | 50.79 | 4.27 | 3.45 | 0.00 | 13.61 | 13.61 | 50.79 | 73.39 | 55.63 | 0.00 | 27.58 | -0.20 | 17.96 |
| 4TH QUARTER | 0.00 | 31.00 | 162.48 | 0.00 | 162.48 | 13.29 | 10.93 | 16.42 | 53.75 | 70.17 | 162.48 | 261.29 | 206.78 | 0.00 | 83.60 | -1.22 | 55.73 |
| ANNUAL TOTAL | 0.00 | 160.43 | 792.45 | 0.00 | 792.45 | 67.16 | 46.53 | 184.54 | 144.56 | 329.10 | 796.12 | 1261.35 | 1050.62 | 0.23 | 332.89 | -0.48 | 210.98 |

**(a)** CLAWA consumption numbers are based upon monthly billing statements provided by CLAWA. CLAWA reads these meters *on or near the 24th of each month* , so the numbers may not be an actual representation of water consumed for said calendar month.
**(b)** Lake Draw = (1) + (5)
**(c)** Delivered to Distribution = (2) + (5) - (6) + (7) +(10)
**(d)** Un-Metered Water = ((12) - (13+14)) - (16)
**(e)** Storage Volume calculated 8:00 am the 1st of every month.

**In January 1.30 AF of the reported 54.54 AF lake draw was treated and sent to waste for EPA required sampling.**
**In February 0.07 AF of the reported 58.54 AF lake draw was treated and sent to waste for DDW required sampling.**
**In March 1.40 AF of the reported 48.43 AF lake draw was treated and sent to waste for EPA required sampling.**
**In April 2.26 AF of the reported 50.04 AF lake draw was treated and sent to waste for EPA required sampling.**
**In July 1.61 AF of the reported 70.73 AF lake draw was treated and sent to waste for EPA required sampling.**
**In August 0.04 AF of the reported 75.05 AF lake draw was treated and sent to waste for voluntary PFAS sampling.**

## 2024 DEER LODGE PARK/RIMFOREST MONTHLY DATA

## ACRE FEET

| | (1) | (2) | (3) | (4) | (5) | (6) | | (7) | (8) | (9) |
|---|---|---|---|---|---|---|---|---|---|---|
| MONTH | DLP WELLS (a) | DLP CLAWA (a) | EMERGENCY TRANSFER FROM WOODS (a) | DLP TOTAL (a) (b) | METERED WATER (b) | UN-METERED WATER (b) | | RIMFOREST CLAWA (b) | METERED WATER (b) | UN-METERED WATER (b) |
| JANUARY | 1.95 | 0.30 | 0.00 | 2.25 | 1.82 | 0.43 | | 2.56 | 2.59 | -0.03 |
| FEBRUARY | 1.79 | 0.00 | 0.00 | 1.79 | 1.64 | 0.15 | | 2.61 | 2.23 | 0.38 |
| MARCH | 1.89 | 0.00 | 0.00 | 1.89 | 1.59 | 0.30 | | 2.79 | 2.44 | 0.35 |
| 1ST QUARTER | 5.63 | 0.30 | 0.00 | 5.93 | 5.05 | 0.88 | | 7.96 | 7.26 | 0.70 |
| APRIL | 1.79 | 0.05 | 0.00 | 1.84 | 1.72 | 0.12 | | 2.69 | 2.49 | 0.20 |
| MAY | 1.82 | 0.95 | 0.23 | 3.00 | 2.44 | 0.56 | | 2.92 | 2.92 | 0.00 |
| JUNE | 1.72 | 2.47 | 0.00 | 4.19 | 3.98 | 0.21 | | 3.50 | 3.26 | 0.24 |
| 2ND QUARTER | 5.33 | 3.47 | 0.23 | 9.03 | 8.14 | 0.89 | | 9.11 | 8.67 | 0.44 |
| SEMI-ANNUAL | 10.96 | 3.77 | 0.23 | 14.96 | 13.19 | 1.77 | | 17.07 | 15.93 | 1.14 |
| JULY | 1.84 | 2.87 | 0.00 | 4.71 | 4.32 | 0.39 | | 3.94 | 3.39 | 0.55 |
| AUGUST | 1.93 | 2.66 | 0.00 | 4.59 | 4.18 | 0.41 | | 3.84 | 3.16 | 0.68 |
| SEPTEMBER | 1.68 | 2.11 | 0.00 | 3.79 | 3.55 | 0.24 | | 4.01 | 2.83 | 1.18 |
| 3RD QUARTER | 5.45 | 7.64 | 0.00 | 13.09 | 12.05 | 1.04 | | 11.79 | 9.38 | 2.41 |
| OCTOBER | 1.88 | 1.83 | 0.00 | 3.71 | 3.08 | 0.63 | | 4.21 | 2.90 | 1.31 |
| NOVEMBER | 1.83 | 0.00 | 0.00 | 1.83 | 1.81 | 0.02 | | 4.24 | 2.50 | 1.74 |
| DECEMBER | 1.83 | 0.51 | 0.00 | 2.34 | 1.87 | 0.47 | | 3.81 | 2.57 | 1.24 |
| 4TH QUARTER | 5.54 | 2.34 | 0.00 | 7.88 | 6.76 | 1.12 | | 12.26 | 7.97 | 4.29 |
| ANNUAL TOTAL | 21.95 | 13.75 | 0.23 | 35.93 | 32.00 | 3.93 | | 41.12 | 33.28 | 7.84 |

**(a)** DLP Total = (1) + (2) + (3)

**(b)** Un-Metered Water = (4) - (5) DLP, (7) - (8) RF

## 2023 ARROWHEAD WOODS MONTHLY DATA
## ACRE FEET

| MONTH | (1) TRANSFER TO GV LAKE (b) | (2) WELLS TO SYSTEM (c) | (3) BERNINA PLANT | (4) CEDAR GLEN PLANT | (5) COMBINED PLANT (b) (c) | (6) COMBINED PLANT BACKWASH (c) | (7) BERNINA RECYCLE (c) | (8) ROTW CLAWA PURCHASE (a) | (9) BRENTWOOD CLAWA PURCHASE (a) | (10) COMBINED PURCHASE (a) (c) | (11) LAKE DRAW (b) | (12) DELIVERED TO DISTRIBUTION (c) (d) | (13) METERED WATER (d) | (14) EMERGENCY TRANSFER TO DLP (d) | (15) STORAGE VOLUME (e) | (16) STORAGE VOLUME CHANGE +/- (d) | (17) UN-METERED WATER (d) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY | 0.00 | 7.86 | 64.29 | 0.00 | 64.29 | 5.54 | 3.50 | 0.00 | 0.00 | 0.00 | 64.29 | 70.11 | 55.40 | 0.00 | 28.50 | -1.14 | 15.85 |
| FEBRUARY | 0.00 | 17.71 | 47.79 | 0.00 | 47.79 | 3.69 | 2.55 | 0.00 | 0.00 | 0.00 | 47.79 | 64.36 | 45.42 | 0.00 | 27.36 | -1.00 | 19.94 |
| MARCH | 0.00 | 16.67 | 59.44 | 0.00 | 59.44 | 3.60 | 2.82 | 0.00 | 0.00 | 0.00 | 59.44 | 75.33 | 43.62 | 0.04 | 26.36 | 0.69 | 30.98 |
| 1ST QUARTER | 0.00 | 42.24 | 171.52 | 0.00 | 171.52 | 12.83 | 8.87 | 0.00 | 0.00 | 0.00 | 171.52 | 209.80 | 144.44 | 0.04 | 82.22 | -1.45 | 66.77 |
| APRIL | 0.00 | 17.50 | 43.75 | 0.00 | 43.75 | 3.13 | 2.57 | 0.00 | 0.00 | 0.00 | 43.75 | 60.69 | 46.42 | 0.00 | 27.05 | -0.73 | 15.00 |
| MAY | 0.00 | 25.12 | 40.40 | 26.52 | 66.92 | 4.21 | 2.04 | 0.00 | 0.00 | 0.00 | 66.92 | 89.87 | 75.20 | 0.04 | 26.32 | 0.61 | 14.02 |
| JUNE | 0.00 | 24.33 | 82.45 | 26.36 | 108.81 | 7.45 | 3.91 | 0.00 | 7.96 | 7.96 | 108.81 | 137.56 | 119.40 | 0.00 | 26.93 | 0.78 | 17.38 |
| 2ND QUARTER | 0.00 | 66.95 | 166.60 | 52.88 | 219.48 | 14.79 | 8.52 | 0.00 | 7.96 | 7.96 | 219.48 | 288.12 | 241.02 | 0.04 | 80.30 | 0.66 | 46.40 |
| SEMI-ANNUAL | 0.00 | 109.19 | 338.12 | 52.88 | 391.00 | 27.62 | 17.39 | 0.00 | 7.96 | 7.96 | 391.00 | 497.92 | 385.46 | 0.08 | 162.52 | -0.79 | 113.17 |
| JULY | 0.00 | 22.50 | 98.28 | 38.31 | 136.59 | 8.86 | 5.13 | 0.00 | 17.88 | 17.88 | 136.59 | 173.24 | 153.80 | 0.00 | 27.71 | 0.70 | 18.74 |
| AUGUST | 0.00 | 22.03 | 79.60 | 43.07 | 122.67 | 8.58 | 6.00 | 0.00 | 13.22 | 13.22 | 122.67 | 155.34 | 135.22 | 0.00 | 28.41 | -2.45 | 22.57 |
| SEPTEMBER | 0.00 | 17.76 | 82.34 | 38.36 | 120.70 | 7.48 | 3.77 | 0.00 | 0.00 | 0.00 | 120.70 | 134.75 | 116.81 | 0.00 | 25.96 | 2.34 | 15.60 |
| 3RD QUARTER | 0.00 | 62.29 | 260.22 | 119.74 | 379.96 | 24.92 | 14.90 | 0.00 | 31.10 | 31.10 | 379.96 | 463.33 | 405.83 | 0.00 | 82.08 | 0.59 | 56.91 |
| OCTOBER | 0.00 | 23.47 | 52.63 | 23.97 | 76.60 | 5.23 | 2.60 | 0.00 | 0.00 | 0.00 | 76.60 | 97.44 | 82.05 | 0.00 | 28.30 | 0.22 | 15.17 |
| NOVEMBER | 0.00 | 14.36 | 54.52 | 1.63 | 56.15 | 4.80 | 2.42 | 0.00 | 0.00 | 0.00 | 56.15 | 68.13 | 55.12 | 0.00 | 28.52 | -0.03 | 13.04 |
| DECEMBER | 0.00 | 14.65 | 56.81 | 0.00 | 56.81 | 4.80 | 3.96 | 0.00 | 0.00 | 0.00 | 56.81 | 70.62 | 55.80 | 0.00 | 28.49 | -0.63 | 15.45 |
| 4TH QUARTER | 0.00 | 52.48 | 163.96 | 25.60 | 189.56 | 14.83 | 8.98 | 0.00 | 0.00 | 0.00 | 189.56 | 236.19 | 192.97 | 0.00 | 85.31 | -0.44 | 43.66 |
| ANNUAL TOTAL | 0.00 | 223.96 | 762.30 | 198.22 | 960.52 | 67.37 | 41.27 | 0.00 | 39.06 | 39.06 | 960.52 | 1197.44 | 984.26 | 0.08 | 329.91 | -0.64 | 213.74 |

**(a)** CLAWA consumption numbers are based upon monthly billing statements provided by CLAWA. CLAWA reads these meters *on or near the 24th of each month* , so the numbers may not be an actual representation of water consumed for said calendar month.

**(b)** Lake Draw = (1) + (5)

**(c)** Delivered to Distribution = (2) + (5) - (6) + (7) +(10)

**(d)** Un-Metered Water = ((12) - (13+14)) - (16)

**(e)** Storage Volume calculated 8:00 am the 1st of every month.

## 2023 DEER LODGE PARK/RIMFOREST MONTHLY DATA

## ACRE FEET

| MONTH | (1) DLP WELLS (a) | (2) DLP CLAWA (a) | (3) EMERGENCY TRANSFER FROM WOODS (a) | (4) DLP TOTAL (a) (b) | (5) METERED WATER (b) | (6) UN-METERED WATER (b) | | (7) RIMFOREST CLAWA (b) | (8) METERED WATER (b) | (9) UN-METERED WATER (b) |
|---|---|---|---|---|---|---|---|---|---|---|
| JANUARY | 1.86 | 0.04 | 0.00 | 1.90 | 1.66 | 0.24 | | 3.68 | 2.54 | 1.14 |
| FEBRUARY | 1.32 | 0.00 | 0.00 | 1.32 | 1.39 | -0.07 | | 4.12 | 2.41 | 1.71 |
| MARCH | 0.52 | 2.87 | 0.04 | 3.43 | 1.60 | 1.83 | | 4.90 | 3.42 | 1.48 |
| 1ST QUARTER | 3.70 | 2.91 | 0.04 | 6.65 | 4.65 | 2.00 | | 12.70 | 8.37 | 4.33 |
| APRIL | 0.64 | 1.55 | 0.00 | 2.19 | 1.96 | 0.23 | | 3.56 | 2.57 | 0.99 |
| MAY | 2.11 | 0.93 | 0.04 | 3.08 | 2.52 | 0.56 | | 4.61 | 2.77 | 1.84 |
| JUNE | 2.10 | 0.97 | 0.00 | 3.07 | 2.97 | 0.10 | | 5.01 | 3.13 | 1.88 |
| 2ND QUARTER | 4.85 | 3.45 | 0.04 | 8.34 | 7.45 | 0.89 | | 13.18 | 8.47 | 4.71 |
| SEMI-ANNUAL | 8.55 | 6.36 | 0.08 | 14.99 | 12.10 | 2.89 | | 25.88 | 16.84 | 9.04 |
| JULY | 2.17 | 2.15 | 0.00 | 4.32 | 3.71 | 0.61 | | 5.23 | 3.39 | 1.84 |
| AUGUST | 1.86 | 1.74 | 0.00 | 3.60 | 3.15 | 0.45 | | 5.29 | 3.24 | 2.05 |
| SEPTEMBER | 1.96 | 0.96 | 0.00 | 2.92 | 2.65 | 0.27 | | 4.86 | 2.80 | 2.06 |
| 3RD QUARTER | 5.99 | 4.85 | 0.00 | 10.84 | 9.51 | 1.33 | | 15.38 | 9.43 | 5.95 |
| OCTOBER | 1.94 | 0.74 | 0.00 | 2.68 | 2.38 | 0.30 | | 4.02 | 2.85 | 1.17 |
| NOVEMBER | 1.96 | 0.13 | 0.00 | 2.09 | 1.91 | 0.18 | | 2.40 | 2.56 | -0.16 |
| DECEMBER | 1.97 | 0.21 | 0.00 | 2.18 | 1.88 | 0.30 | | 2.85 | 2.53 | 0.32 |
| 4TH QUARTER | 5.87 | 1.08 | 0.00 | 6.95 | 6.17 | 0.78 | | 9.27 | 7.94 | 1.33 |
| ANNUAL TOTAL | 20.41 | 12.29 | 0.08 | 32.78 | 27.78 | 5.00 | | 50.53 | 34.21 | 16.32 |

**(a)** DLP Total = (1) + (2) + (3)

**(b)** Un-Metered Water = (4) - (5) DLP, (7) - (8) RF

January 28, 2025

December 2024 Water Delivered Annual Analysis

- In December 2024 (73.39 AF), consumption was up 3.9% compared to December 2023 (70.62 AF). In 2024 consumption was up 5.3% (1261.35 AF) compared to 2023 (1197.44 AF). These numbers are based off column (12) on the Report, and only counts water delivered to the Distribution System.

- December 2024 Lake Draw = 50.79 AF vs December 2023 = 56.81 AF. In 2024 lake withdrawals were down 17.2% (796.12 AF) compared to 2023 (960.52 AF). However, 50.83% (796.12 AF) of the allotted 1566 AF per year was used for consumptive purposes under SWRCB Order WR 2006-001.

- December 2024 Wells to System = 9.81 AF vs December 2023 = 14.65 AF. In 2024 Wells to System is down 28.4% (160.43 AF) when compared to 2023 (223.96 AF).

- December 2024 total CLAWA purchase = 13.61 AF vs December 2023 = 0 AF. In 2024 CLAWA purchase = 329.10 AF, compared to 2023 = 39.06 AF.

- December 2024 Recycled Water delivered = 0 AF vs December 2023 = 0 AF. 2024 Recycled Water delivered was up 34.9% (213.23 AF) compared to 2023 (158.00 AF). Recycled water delivery to the LACC was terminated for the season on November 19, 2024.

**LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT**

**MEMORANDUM**

***DATE:*** **January 28, 2025**

***TO:*** **BOARD OF DIRECTORS**
Lake Arrowhead Community Services District

***FROM:*** **Matt Brooks**
Operations Manager

**Catherine Cerri**
General Manager

***SUBJECT:*** **PFAS Update**

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## A. RECOMMENDATION

This is an information item.

## B. REASON FOR RECOMMENDATION

This is an information item.

## C. BACKGROUND INFORMATION

This report is to give an update on everything related to PFAS.

## D. FISCAL IMPACT

This is an information item.

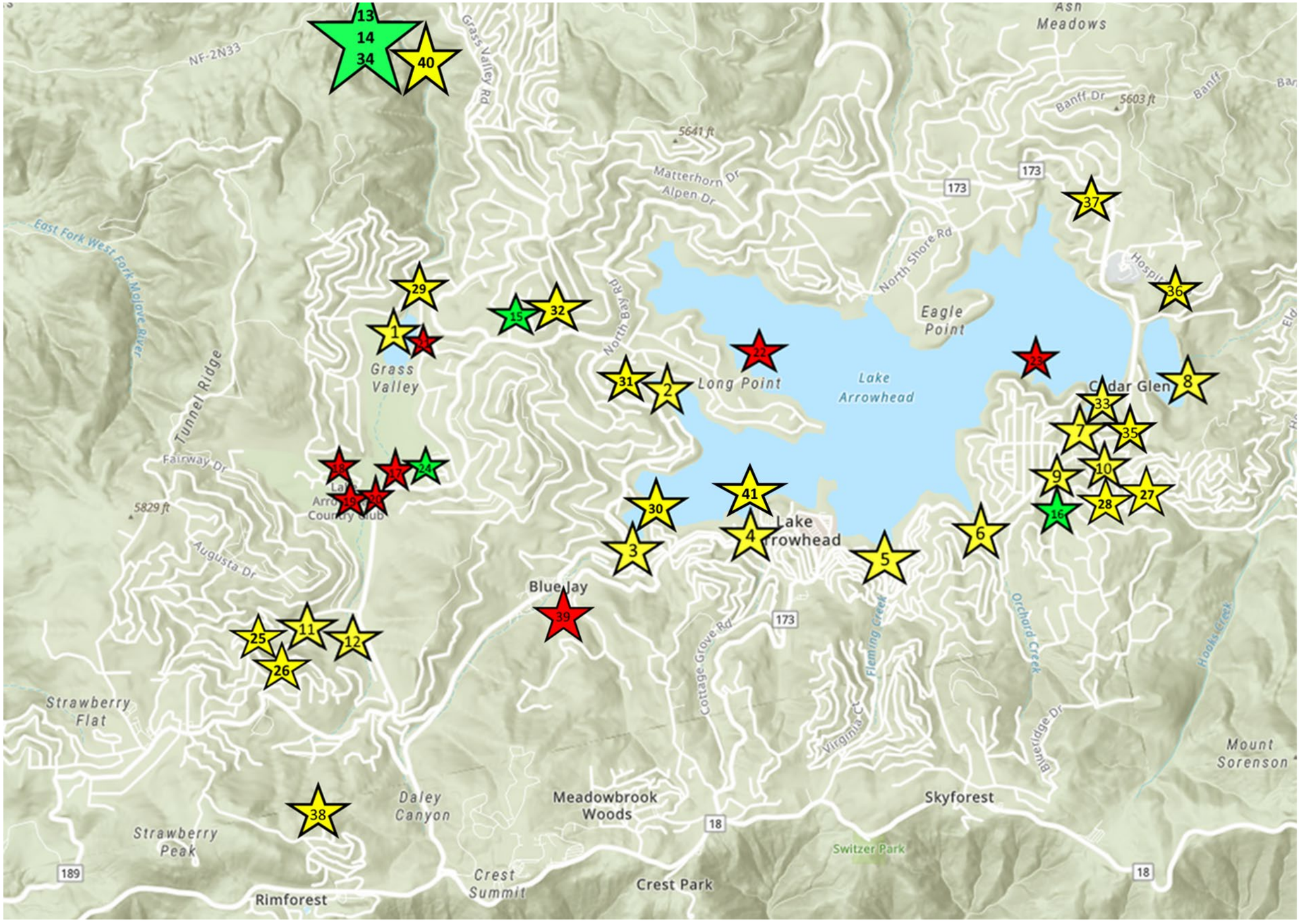
## E. ENVIRONMENTAL IMPACT

This is an information item.

## F. ATTACHMENTS

- PFAS Sample Site Location Map
- PFAS Sampling, Results, & Information – Includes updates and information since the last Board of Directors Meeting (December 10, 2024)

# PFAS ALL SAMPLE SITES




Surface (Raw)  Raw (Source)  Treated

1. Grass Valley Lake
2. Meadow Bay
3. Little Bear Creek (Blue Jay Creek)
4. Burnt Mill Creek
5. Flemming Creek
6. Orchard Creek
7. Emerald Bay Creek
8. Papoose Lake
9. Cumberland Drainage (Emerald Creek)
10. Cedar Glen Drainage
11. Clubhouse Drainage (Clubhouse Creek)
12. Grass Valley Creek
13. Grass Valley WWTP Effluent
14. Grass Valley WWTP Recycle
15. Bernina WTP Blended (Treated)
16. Cedar Glen TP (Treated)
17. Well #1 (Raw)
18. Well #2 (Raw)
19. Well #5 (Raw)
20. Well #6 (Raw)
21. Well #8 (Raw)
22. Bernina WTP (Raw)
23. Cedar Glen WTP (Raw)
24. IX Plant (Treated)
25. Thunderbird Drainage
26. Camp Drainage
27. Hook Creek Rd Drainage
28. Cedar Terrace Drainage
29. Oakmont (Grass Valley Creek)
30. Blue Jay Bay (Lake)
31. Tunnel (GV to LA)
32. Rain
33. Emerald Bay Siltation Basin
34. Grass Valley WWTP Influent
35. Hook Creek Tunnel
36. MacKay Siltation Basin
37. Station #92
38. Rimforest Tank
39. Blue Jay Well (Raw)
40. DLP Well #2
41. Burnt Mill Bay

## Updated PFAS Sampling, Results, & Information

**Sample results available/pending since the Board of Directors Meeting on December 10, 2024**

| Date | Location | Site # (Map) | Results Available? |
|---|---|---|---|
| 1/14/2025 | Bernina WTP Blended (Treated) | 15 | N |

**District finished (treated) water blend ratio for November 2024-January 2025 (approximate):**

**Surface Water (Lake Arrowhead) = 67%**

**Groundwater = 13%**

**Imported (CLAWA) = 20%**

**Total = 100%**

**12/31/2024**

**The District received 60% Design Submittal for both Cedar Glen WTP and the Bernina WTP PFAS Treatment systems from N2W Engineering, Inc.**

**1/08/2025**

**Environmental Assessment kick-off meeting with the Chambers Group, for the PFAS Treatment systems construction and equipment installation.**

**1/08/2025**

**N2W Engineering, Inc. shared the 60% Design Submittal for both Cedar Glen WTP and the Bernina WTP PFAS Treatment systems with the SWRCB – Division of Drinking Water for review.**

**1/22/2025**

**The District met with the N2W design team to discuss some District comments on the 60% Design Submittal review.**

Updated 1/21/2025

All results are parts per trillion.

## EPA UCMR 5 Sample Results

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Original Sample Date** | | | 2/7/2023 | 5/3/2023 | 8/7/2023 | 11/7/2023 | 5/3/2023 | 8/7/2023 | 11/7/2023 | 3/6/2024 |
| **Resample Date** | | | N/A | N/A | 11/7/2023 | N/A | N/A | N/A | 1/31/2024 | 7/10/2024 |
| **Received Date** | | | 6/20/2023 | 10/10/2023 | 2/15/2024 | 3/1/2024 | 10/10/2023 | 12/11/2023 | 5/31/2024 | 10/7/2024 |
| Chemical | Future EPA Limit | CA Response Level | **Bernina Water Treatment Plant Quarterly Running Annual Avg PFOA = 9.78** | | | | **Cedar Glen Water Treatment Plant[1] Quarterly Running Annual Avg PFOA = 12.0** | | | |
| PFOA | 4.0 | 10.0 | 9.6 | 8.7 | 9.8 | 11.0 | 12.0 | 14.0 | 11.0 | 11.0 |
| PFOS | 4.0 | 40.0 | 4.5 | 4.6 | 4.8 | 4.3 | 5.9 | 7.2 | 5.6 | 5.0 |
| PFHpA | TBD | TBD | 4.1 | 3.8 | 4.7 | 4.3 | 5.6 | 5.7 | 4.8 | 4.4 |
| PFHxA | TBD | TBD | 4.7 | 4.6 | 5.4 | 5.3 | 6.6 | 6.7 | 5.0 | 4.8 |
| PFPeA | TBD | TBD | 3.5 | 3.7 | 3.6 | 3.9 | 3.9 | 4.5 | 3.9 | 3.7 |
| PFDA | TBD | TBD | ND | ND | ND | ND | 3.0 | 3.9 | 3.4 | ND |
| PFHxS | 10 & HI | TBD | ND | ND | ND | ND | ND | 3.3 | ND | ND |
| PFNA | 10 & HI | TBD | ND | ND | ND | ND | ND | 4.6 | ND | ND |

[1]This treatment plant is currently offline

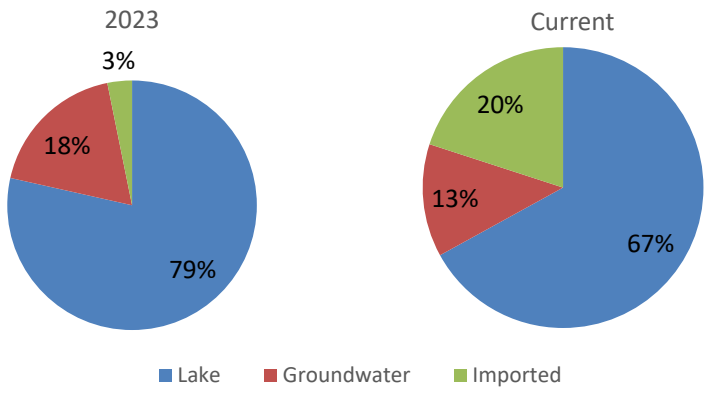
ND = Non Detect, TBD = To Be Determined, HI = Hazard Index

## CA Response Level Calculation

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Sample Date** | | | 5/3/2023 | 8/7/2023 | 11/7/2023 | 7/15/2024 | 10/14/2024 | |
| **Received Date** | | | 10/10/2023 | 2/15/2024 | 3/1/2024 | 7/30/2024 | 10/30/2024 | |
| Chemical | Future EPA Limit | CA Response Level | Prior Samples | **Bernina Water Treatment Plant Locational Quarterly Running Annual Average** | | | | **LQRAA** |
| PFOA | 4.0 | 10.0 | 8.7 | 9.8 | 11.0 | 6.3 | 8.0 | 8.8 |
| PFOS | 4.0 | 40.0 | 4.6 | 4.8 | 4.3 | 3.0 | 3.3 | 3.9 |
| PFHpA | TBD | TBD | 3.8 | 4.7 | 4.3 | 2.6 | 3.3 | 3.7 |
| PFHxA | TBD | TBD | 4.6 | 5.4 | 5.3 | 3.3 | 3.7 | 4.4 |
| PFPeA | TBD | TBD | 3.7 | 3.6 | 3.9 | 2.6 | 3.2 | 3.3 |
| PFDA | TBD | TBD | ND | ND | ND | ND | 2.2 | 0.6 |
| PFHxS | 10 & HI | TBD | ND | ND | ND | ND | ND | ND |
| PFNA | 10 & HI | TBD | ND | ND | ND | 2.3 | 2.6 | 1.2 |
| PFBA | TBD | TBD | ND | ND | ND | 2.2 | 2.2 | 1.1 |

Finished drinking water samples were not required in Q1 & Q2 2024. Raw water samples were taken from Lake Arrowhead as required and will continue to be taken quarterly. The District is sampling finished water on a voluntary basis. CA Order DW 2022-0001-DDW states that, "If a system with at least 4 quarterly results does not have four consectutive quarters of monitoring, the running annual average must be based on the 4 most recent results."

## Water Sources



**Groundwater PFAS Testing**

A portion of LACSD's drinking water comes from five groundwater wells in the Grass Valley area. The following tests were conducted on finished drinking water from the wells and raw water from each individual well. Raw water samples are from water that has not yet been treated. It is important to note that raw water samples are not drinking water results. Water from all of the wells is blended together and treated. What is delivered to our customers is the finished blended water which has lower PFAS concentrations than the California requirements and lower concentrations than the limits proposed by the EPA.

These results indicate that the PFAS levels in our groundwater are much lower than the levels in Lake Arrowhead. Many of these samples did not contain any detectable PFAS. Well #5 and Well #6 are currently offline for maintenance and repair.

LACSD continues to develop groundwater supplies as a local source to supplement lake water. A new well is currently being developed in Blue Jay. Recent sample results show that this well has no detectable amounts of PFAS.

Any PFAS chemical not listed was tested for but was not detected.

All amounts are nanograms per liter (ng/L), also referred to as parts per trillion (ppt).
ND = Non-Detect. Any result less than (<) the detectable limit is reported as ND to drinking water regulators.

| Chemical | Well #1 Raw LACC | Well #1 Raw LACC | Well #1 Raw LACC | Well #1 Raw LACC | Well #1 Raw LACC | Well #2 Raw LACC | Well #2 Raw LACC |
|---|---|---|---|---|---|---|---|
| Test Date | 12/18/23 | 1/11/24 | 5/8/24 | 8/7/24 | 11/6/24 | 10/03/23 | 1/11/24 |
| PFOA | ND | <4.0 | ND | ND | ND | 6.2 | 5.8 |
| PFOS | ND | <4.0 | ND | ND | ND | 5.5 | 5.3 |
| PFHpA | ND | ND | ND | ND | ND | ND | <3 |
| PFHxA | ND | ND | ND | ND | ND | 3.6 | 3.7 |
| PFPeA | ND | ND | ND | ND | ND | 2.8 | 3.1 |
| PFDA | ND | ND | ND | ND | ND | ND | ND |
| PFBS | ND | <3 | 2.5 | 2.4 | 2.4 | 6.5 | 6.2 |
| PFHxS | ND | <3 | ND | ND | ND | 3.2 | 2.9 |
| PFNA | ND | ND | ND | ND | ND | ND | ND |
| PFBA | ND | <5 | ND | ND | ND | 2.5 | <5 |

| Chemical | Well #2 Raw LACC | Well #2 Raw LACC | Well #2 Raw LACC | Well #5 Raw LACC | Well #6 Raw LACC | Well #6 Raw LACC | Well #6 Raw LACC |
|---|---|---|---|---|---|---|---|
| Test Date | 5/8/24 | 8/7/24 | 11/6/24 | 10/03/23 | 10/03/23 | 1/11/24 | 5/8/24 |
| PFOA | 4.4 | 4.3 | 5.0 | ND | ND | ND | 2.3 |
| PFOS | 4.8 | 4.5 | 4.6 | ND | ND | ND | 2.3 |
| PFHpA | ND | ND | ND | ND | ND | ND | ND |
| PFHxA | 2.3 | 2.6 | 3.5 | 2.0 | ND | ND | ND |
| PFPeA | ND | 2.2 | 3.0 | ND | ND | ND | ND |
| PFDA | ND | ND | ND | ND | ND | ND | ND |
| PFBS | 4.6 | 4.4 | 5.0 | 2.1 | ND | ND | 2.2 |
| PFHxS | ND | 2.2 | 2.4 | ND | ND | ND | 2.4 |
| PFNA | ND | ND | ND | ND | ND | ND | ND |
| PFBA | ND | ND | 2.2 | ND | ND | ND | ND |

| Chemical | Well #6 Raw LACC | Well #8 Raw GV Park | Well #8 Raw GV Park | Well #8 Raw GV Park | Well #8 Raw GV Park | Well #8 GV Park | Blue Jay Well | Finished Blended |
|---|---|---|---|---|---|---|---|---|
| Test Date | 8/7/24 | 12/18/23 | 1/11/24 | 5/8/24 | 8/7/24 | 11/6/24 | 6/11/24 | 11/29/23 |
| PFOA | ND | ND | <4 | ND | 2.1 | 2.0 | ND | 3.0 |
| PFOS | ND | ND | <4 | ND | ND | ND | ND | ND |
| PFHpA | ND | ND | ND | ND | ND | ND | ND | ND |
| PFHxA | ND | ND | ND | ND | ND | ND | ND | 2.2 |
| PFPeA | ND | ND | ND | ND | ND | ND | ND | ND |
| PFDA | ND | ND | ND | ND | ND | ND | ND | ND |
| PFBS | ND | ND | <3 | ND | ND | ND | ND | 2.9 |
| PFHxS | ND | ND | <3 | ND | 2.1 | 2.0 | ND | ND |
| PFNA | ND | ND | ND | ND | ND | ND | ND | ND |
| PFBA | ND | ND | <5 | ND | ND | ND | ND | ND |

We will update our website with additional results as they become available at lakearrowheadcsd.com or call us at (909) 336-7100.

**Raw Water PFAS Testing**

LACSD has been conducting extensive testing in the watershed to try to understand where PFAS is coming from and how it's getting into Lake Arrowhead. We have tested multiple areas under varying conditions to try to determine if PFAS are coming from discharges, stormwater runoff or recreational activity in the lake.

The following sample data is from water that has not yet been treated. It is important to note that **these are not drinking water results** and this is not the water that people are drinking. Currently, LACSD is blending the lake water with imported water to produce drinking water that has PFAS levels which are below the current California regulatory limits.

Lake Arrowhead

PFOA and PFOS are the most common PFAS chemicals. We are finding that the highest concentrations of PFOA are in Lake Arrowhead while the tributaries contain higher levels of PFOS. LACSD contracted with Battelle to prepare a detailed analysis of the chemical composition of PFAS in Lake Arrowhead. Unfortunately, the levels of PFAS were too low to provide a conclusive result. The table below contains average sample levels from the different bays in Lake Arrowhead. Detailed results are attached at the end of this report.

**Lake Arrowhead Raw Water Average Sample Results**

| Chemical | North Bay | Emerald Bay | Meadow Bay | Blue Jay Bay | Burnt Mill Bay | Average All Bays |
|---|---|---|---|---|---|---|
| PFOA | 14.2 | 14.2 | 13.6 | 3.8 | 10.0 | 12.7 |
| PFOS | 6.1 | 6.2 | 7.0 | 2.9 | 5.7 | 6.0 |
| PFHpA | 5.4 | 4.2 | 4.8 | 0.0 | 4.2 | 4.3 |
| PFHxA | 5.5 | 5.6 | 5.7 | 1.7 | 5.2 | 5.1 |
| PFPeA | 5.3 | 4.6 | 2.4 | 0.0 | 4.2 | 3.8 |
| PFDA | 3.4 | 3.7 | 3.2 | 0.0 | 0.0 | 2.9 |
| PFBS | 2.7 | 2.9 | 1.4 | 0.0 | 0.0 | 2.0 |
| PFHxS | 2.9 | 2.9 | 2.2 | 0.0 | 0.0 | 2.3 |
| PFNA | 4.8 | 4.7 | 4.1 | 0.0 | 0.0 | 3.8 |
| HFPO-DA | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.2 |
| PFTrDA | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.1 |
| PFDoA | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.2 |
| PFBA | 3.6 | 3.6 | 1.0 | 0.0 | 0.0 | 2.4 |

All amounts are nanograms per liter (ng/L), also referred to as parts per trillion (ppt).
ND = Non-Detect. Any PFAS chemical not listed here was not detected.

Lake Arrowhead Tributaries

Samples were taken from the tributaries to Lake Arrowhead. PFOA concentrations are lower in the tributaries than the lake but could be the source of PFOS.

**Lake Arrowhead Tributary Raw Water Samples**

| Chemical | Blue Jay Creek | Blue Jay Creek | Blue Jay Creek | Burnt Mill Creek | Burnt Mill Creek | Burnt Mill Creek |
|---|---|---|---|---|---|---|
| Test Date | 10/23/2023 | 12/21/2023 | 1/24/2024 | 10/23/2023 | 12/21/2023 | 1/24/2024 |
| PFOA | 0 | 3.0 | 0 | 0 | 2.2 | 0 |
| PFOS | 4.1 | 3.4 | 0 | 3.8 | 2.8 | 0 |
| PFHpA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFHxA | 0 | 2.5 | 0 | 0 | 0 | 0 |
| PFPeA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFDA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFTDA | 0 | 2.5 | 0 | 0 | 0 | 0 |
| PFBS | 0 | 0 | 0 | 0 | 0 | 0 |
| PFHxS | 0 | 0 | 0 | 0 | 0 | 0 |
| PFNA | 0 | 0 | 0 | 0 | 0 | 0 |

**Lake Arrowhead Tributary Raw Water Samples (continued)**

| Chemical | Flemming Creek | Flemming Creek | Orchard Creek | Orchard Creek | Orchard Creek | Fire Station 92 |
|---|---|---|---|---|---|---|
| Test Date | 10/23/2023 | 1/24/2024 | 10/23/2023 | 12/21/2023 | 1/24/2024 | 4/17/2024 |
| PFOA | 0 | 0 | 0 | 0 | 0 | 4.7 |
| PFOS | 3.8 | 0 | 0 | 0 | 0 | 9.4 |
| PFHpA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFHxA | 0 | 0 | 0 | 0 | 0 | 5.5 |
| PFPeA | 0 | 0 | 0 | 0 | 0 | 5.6 |
| PFDA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFTDA | 0 | 0 | 0 | 0 | 0 | 0 |
| PFBS | 2.4 | 0 | 0 | 0 | 0 | 4.2 |
| PFHxS | 0 | 0 | 0 | 0 | 0 | 0 |
| PFNA | 0 | 0 | 0 | 0 | 0 | 0 |

Emerald Bay Creek

Emerald Bay Creek had the highest PFAS concentrations of all the tributaries to Lake Arrowhead. Because of this, additional testing was conducted upstream of the original sampling site. Higher levels of PFOS were detected in the Cedar Glen fork. Concentrations after a rainstorm were lower.

District staff also noticed some cloudy water in the Emerald Bay silt basin so samples were taken which revealed the highest concentration of PFOS found to date.

**Emerald Bay Creek Raw Water Samples**

| | Downstream | Upstream | Upstream | Downstream | Upstream | Upstream | Downstream | Upstream | Upstream | | Battelle |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chemical | Emerald Bay Creek | Cedar Glen | Cumberland | Emerald Bay Creek | Cedar Glen | Cumberland | Silt Basin | Hook Creek Rd | Cedar Terrace | Hook Ck Tunnel | Cedar Glen |
| Test Date | 10/23/23 | 12/18/23 | 12/18/23 | 1/24/24 | 1/24/24 | 1/24/24 | 1/24/24 | 2/6/24 | 2/6/24 | 4/17/24 | 5/28/24 |
| PFOA | 6.5 | 7.6 | 5.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.2 |
| PFOS | 12.0 | 16.0 | 6.0 | 7.1 | 5.4 | 0 | 24 | 0 | 0 | 0 | 9.2 |
| PFHpA | 0 | 2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.2 |
| PFHxA | 3.3 | 2.7 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 5.3 | 3.8 |
| PFDA | 0 | 6.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0.4 |
| PFTDA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| PFBS | 11.0 | 0 | 2.8 | 7.2 | 0 | 0 | 6.7 | 0 | 0 | 6.8 | 7.7 |
| PFHxS | 3.3 | 0 | 2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.9 |
| PFNA | 0 | 4.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.2 |

Grass Valley Watershed

On an annual average, approximately 527 acre-feet of water flows from the Grass Valley watershed to Lake Arrowhead through a tunnel, equivalent to 1% of the volume of Lake Arrowhead. PFAS sampling shows that Grass Valley Lake has lower levels of PFOA but higher levels of PFOS than Lake Arrowhead, similar to the tributaries.

| **Grass Valley Lake** | | | Downstream |
|---|---|---|---|
| Chemical | Grass Valley Lake | Grass Valley Lake | Oakmont |
| Test Date | 10/23/23 | 1/24/24 | 2/6/24 |
| PFOA | 9.3 | 0 | 4.1 |
| PFOS | 11 | 6.6 | 4.7 |
| PFHpA | 0 | 0 | 0 |
| PFHxA | 7.6 | 4.7 | 6.7 |
| PFPeA | 0 | 0 | 0 |
| PFDA | 0 | 0 | 0 |
| PFTDA | 0 | 0 | 0 |
| PFBS | 6.7 | 5 | 0 |
| PFHxS | 5.3 | 0 | 0 |
| PFNA | 2.4 | 0 | 0 |

Testing was conducted on creeks upstream of the Lake Arrowhead Country Club (LACC) to determine the PFAS levels before reaching the golf course which is irrigated with recycled water. Results indicate PFAS levels are higher before the creek reaches LACC. Additional samples were taken at upstream tributaries to try to identify a source.

| | Upstream | Upstream | Upstream | Upstream Post-Storm | Upstream Post-Storm | Upstream | Upstream |
|---|---|---|---|---|---|---|---|
| Chemical | Grass Valley Creek | Grass Valley Creek | Clubhouse | Clubhouse | Clubhouse | Thunderbird | Camp |
| Test Date | 12/18/23 | 1/24/24 | 12/18/23 | 12/21/23 | 1/24/24 | 1/24/24 | 1/24/24 |
| PFOA | 0 | 0 | 0 | 5.6 | 0 | 0 | 0 |
| PFOS | 0 | 0 | 6.8 | 17 | 8.4 | 4.4 | 7.5 |
| PFHpA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFHxA | 0 | 0 | 0 | 2.9 | 0 | 0 | 0 |
| PFPeA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFDA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFTDA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PFBS | 0 | 0 | 0 | 5.2 | 0 | 0 | 0 |
| PFHxS | 0 | 0 | 0 | 10 | 0 | 0 | 4.5 |
| PFNA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Papoose Lake

Papoose Lake does not receive any water from Lake Arrowhead. Preliminary results show the levels of PFAS are lower in Papoose than in Lake Arrowhead but are still at measurable levels.

| Chemical | Papoose Lake | Papoose Lake | McKay Detention Basin |
|---|---|---|---|
| Test Date | 12/21/2023 | 1/24/2024 | 4/17/2024 |
| PFOA | 6.5 | 5.6 | 6.6 |
| PFOS | 5.9 | 4.5 | 4.6 |
| PFHpA | 2.2 | 0 | 0 |
| PFHxA | 2.6 | 0 | 5.7 |
| PFDA | 2.1 | 0 | 0 |
| PFBS | 0 | 0 | 0 |
| PFHxS | 0 | 0 | 0 |
| PFNA | 2.9 | 0 | 0 |

Rainwater

Multiple scientific studies have revealed PFAS in rainwater and air particulates. LACSD tested the rainwater on February 5, 2024 and the results were negative for PFAS. Additional samples will be taken in the future.

LACSD's Commitment

LACSD is committed to public health and watershed protection. Sampling efforts will continue while we expeditiously work to install equipment that will remove PFAS from the drinking water. In the meantime, we are blending the lake water with imported water which produces drinking water with PFAS levels that are below the current California regulatory limits. LACSD will continue to update our website with more information as it becomes available at lakearrowheadcsd.com or call us at (909) 336-7100.

**Lake Arrowhead Raw Water Samples**

| Chemical | North Bay | Emerald Bay CGWTP | Meadow Bay | Meadow Bay | North Bay | Meadow Bay | Emerald Bay CGWTP | Blue Jay Bay | Blue Jay Bay |
|---|---|---|---|---|---|---|---|---|---|
| Test Date | 10/3/23 | 10/3/23 | 10/23/23 | 12/21/23 | 1/11/24 | 1/24/24 | 2/8/24 | 2/6/24 | 4/17/24 |
| PFOA | 16.0 | 16.0 | 16.0 | 13.0 | 15.0 | 12.0 | 12.0 | 0.0 | 7.5 |
| PFOS | 6.6 | 6.2 | 7.5 | 8.0 | 6.7 | 6.3 | 5.1 | 0.0 | 5.8 |
| PFHpA | 5.7 | 6.0 | 5.4 | 4.8 | 5.6 | 4.8 | 0.0 | 0.0 | 0.0 |
| PFHxA | 6.1 | 5.8 | 5.8 | 5.2 | 5.9 | 5.9 | 5.1 | 0.0 | 3.4 |
| PFPeA | 5.4 | 5.4 | 0.0 | 0.0 | 6.3 | 4.4 | 4.5 | 0.0 | 0.0 |
| PFDA | 3.6 | 3.5 | 4.5 | 5.2 | 4.0 | 0.0 | 2.9 | 0.0 | 0.0 |
| PFTDA | | | 2.4 | 2.1 | | 0.0 | | 0.0 | |
| PFBS | 2.6 | 2.7 | 2.5 | 0.0 | 2.9 | 0.0 | 2.8 | 0.0 | 0.0 |
| PFHxS | 3.0 | 3.2 | 3.4 | 2.1 | 3.2 | 0.0 | 2.8 | 0.0 | 0.0 |
| PFNA | 4.7 | 5.2 | 6.0 | 5.6 | 5.5 | 0.0 | 3.9 | 0.0 | 0.0 |
| HFPO-DA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 |
| PFTrDA | 0.0 | 0.0 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PFDoA | 0.0 | 0.0 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Chemical | North Bay | North Bay | Emerald Bay Intakes | Meadow Bay | Burnt Mill Bay | North Bay | Emerald Bay CGWTP | Emerald Bay Intakes | North Bay |
|---|---|---|---|---|---|---|---|---|---|
| Test Date | 5/8/24 | 5/28/24 | 5/28/24 | 5/28/24 | 8/6/24 | 8/7/24 | 8/22/24 | 8/22/24 | 11/6/24 |
| PFOA | 13.0 | 14.2 | 19.9 | 13.4 | 10.0 | 13.0 | 11.0 | 12.0 | 14.0 |
| PFOS | 6.2 | 5.8 | 7.9 | 6.2 | 5.7 | 5.7 | 6.3 | 5.5 | 5.8 |
| PFHpA | 5.6 | 5.1 | 5.3 | 4.1 | 4.2 | 5.0 | 4.5 | 5.0 | 5.4 |
| PFHxA | 5.1 | 5.1 | 6.5 | 5.8 | 5.2 | 5.2 | 4.7 | 5.8 | 5.6 |
| PFPeA | 4.9 | 5.7 | 5.4 | 5.3 | 4.2 | 4.7 | 3.2 | 4.7 | 4.5 |
| PFDA | 3.2 | 4.0 | 4.9 | 3.2 | 0.0 | 2.7 | 3.9 | 3.2 | 3.2 |
| PFTDA | | | | | | | | | 1.1 |
| PFBS | 2.7 | 2.8 | 3.5 | 3.0 | 0.0 | 2.5 | 2.8 | 2.6 | 2.7 |
| PFHxS | 2.5 | 3.3 | 3.2 | 3.2 | 0.0 | 2.6 | 2.7 | 2.7 | 2.8 |
| PFNA | 4.7 | 4.7 | 6.3 | 4.7 | 0.0 | 4.6 | 4.4 | 3.9 | 4.6 |
| HFPO-DA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PFTrDA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| PFDoA | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Updated 7/30/2024

## Rimforest and Deer Lodge Park PFAS Sample Results

| | | **Sample Date** | 5/8/2024 | 7/15/2024 |
|---|---|---|---|---|
| Chemical | Future EPA Limit | CA Response Level | **Rimforest Water System** | **Deer Lodge Park Groundwater Well #2** |
| PFOA | 4.0 | 10.0 | ND | ND |
| PFOS | 4.0 | 40.0 | ND | ND |
| PFHpA | TBD | TBD | ND | ND |
| PFHxA | TBD | TBD | ND | ND |
| PFPeA | TBD | TBD | ND | ND |
| PFDA | TBD | TBD | ND | ND |
| PFBS | 10 & HI | 5000.0 | ND | 5.1 |
| PFHxS | 10 & HI | TBD | ND | ND |
| PFNA | 10 & HI | TBD | ND | ND |

ND = Non Detect, TBD = To Be Determined, HI = Hazard Index
All results are parts per trillion.
Any PFAS chemical not listed here was not detected.

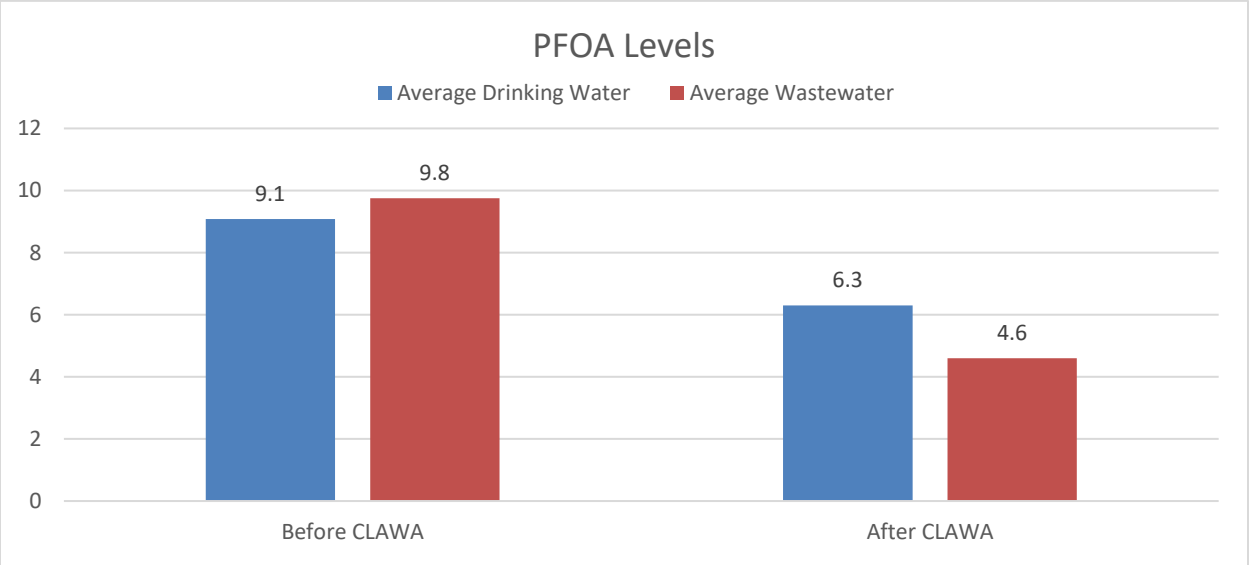
**Wastewater and Recycled Water PFAS Testing**

In December, 2020, LACSD began testing its wastewater for PFAS (per- and poly-fluoroalkyl substances) as part of a statewide study to understand the prevalence of these chemicals. At the time, there was very little information to compare the results to and there were no regulations related to PFAS levels in wastewater. Sample results indicated PFAS was present in the wastewater which was to be expected since PFAS is found in textiles, personal care products, and detergents.

In 2023, LACSD began testing for PFAS in the drinking water as part of a study by the Environmental Protection Agency (EPA). Test results indicated PFAS was present which was surprising due to LACSD's excellent water quality. Since then, LACSD has been conducting extensive testing of all its water sources. Results clearly show that largest source of PFAS in our drinking water is coming from Lake Arrowhead. There have been many assertions about how PFAS is getting into the lake since there is no readily identifiable contaminant in our watershed. It was LACSD's goal to avoid making assumptions until there was enough data to provide an informed conclusion.

Sample results taken in May, 2024 showed that imported water from the Crestline-Lake Arrowhead Water Agency (CLAWA) does not contain detectable levels of PFAS. LACSD started purchasing large quantities from CLAWA to blend PFAS down to levels acceptable by California's standards. This is a temporary fix until the proper equipment can be installed to remove PFAS from Lake Arrowhead water. We are grateful to CLAWA for their assistance during this time.

Once PFAS levels were decreased in the drinking water, LACSD found that PFAS levels also decreased in the wastewater. After more than a year of research, we can conclude that a significant amount of PFAS in the wastewater is coming from the drinking water. This further indicates that water from LACSD's sewer system is not a measurable source of PFAS in Lake Arrowhead.



LACSD is committed to public health and watershed protection. Sampling efforts will continue while we expeditiously work to install treatment to remove PFAS from the drinking water. LACSD will continue to update our website with more information as it becomes available. The following samples were taken from various wastewater sources. It is important to note that **these are not drinking water results**.

**Wastewater Samples**

| | Un-Treated | Treated | Un-Treated | Treated | Un-Treated | Treated | Un-Treated | Treated |
|---|---|---|---|---|---|---|---|---|
| Chemical | 12/16/20 | 12/16/20 | 3/22/21 | 3/22/21 | 6/16/21 | 6/16/21 | 9/1/21 | 9/1/21 |
| PFOA | 13.0 | 15.0 | ND | 13.0 | 10.0 | 16.0 | 12.0 | 15.0 |
| PFOS | 6.6 | 6.3 | 12.0 | 8.8 | 3.7 | 7.8 | 9.7 | 10.0 |
| PFHpA | ND | ND | ND | 5.0 | 4.3 | 5.1 | 5.1 | 5.3 |
| PFHxA | 15.0 | 22.0 | ND | 27.0 | 11.0 | 21.0 | 11.0 | 16.0 |
| PFPeA | ND | ND | ND | ND | 9.0 | 13.0 | 7.8 | 8.1 |
| PFDA | ND | 2.9 | ND | 2.7 | 2.7 | 4.3 | 3.5 | 3.9 |
| PFBS | 2.5 | 3.0 | 4.9 | 6.0 | 1.9 | 2.9 | 2.8 | 2.6 |
| PFHxS | 2.8 | 3.3 | 5.1 | 3.0 | 3.6 | 4.0 | 4.7 | 3.4 |
| PFNA | 4.6 | 4.0 | ND | 3.9 | 4.2 | 4.2 | 4.7 | 5.9 |
| HFPO-DA | ND | ND | ND | ND | ND | ND | ND | ND |
| NEtFOSAA | ND | 1.3 | ND | ND | ND | ND | ND | ND |
| NMeFOSAA | ND | 4.5 | ND | 2.4 | 1.6 | 4.7 | 1.5 | 4.9 |
| PFBA | ND | ND | ND | ND | 9.7 | 4.4 | 7.6 | 8.8 |
| 6:2 FTS | ND | ND | ND | ND | 1.2 | 1.4 | ND | 1.0 |
| 8:2 FTS | 1.1 | ND | ND | ND | ND | ND | 5.0 | ND |

| | I&I | I&I | Battelle | w/CLAWA | Recycled | Recycled | Recycled |
|---|---|---|---|---|---|---|---|
| | Untreated | Treated | Untreated | Untreated | | | |
| Chemical | 2/6/2024 | 2/6/2024 | 5/28/24 | 8/22/24 | 12/23/23 | 2/6/24 | 9/18/24 |
| PFOA | 12.0 | 12.0 | 11.5 | 4.6 | 8.7 | 9.6 | 7.7 |
| PFOS | 22.0 | 14.0 | ND | ND | 4.2 | 8.8 | 4.0 |
| PFHpA | 5.0 | 4.5 | 3.5 | ND | 4.4 | ND | 4.6 |
| PFHxA | 12.0 | 14.0 | 8.4 | 4.7 | 15.0 | 13.0 | 14.0 |
| PFPeA | 9.2 | 8.3 | 6.4 | 4.0 | 12.0 | 8.4 | 8.2 |
| PFDA | ND | ND | 2.2 | ND | 1.1 | ND | ND |
| PFBS | 9.0 | 8.3 | 4.7 | ND | ND | ND | ND |
| PFHxS | ND | ND | 3.0 | ND | 2.4 | ND | ND |
| PFNA | ND | ND | 5.1 | ND | 2.1 | ND | ND |
| PFBA | ND | ND | 4.0 | ND | ND | ND | ND |
| 5:3 FTCA | ND | ND | ND | ND | 4.5 | ND | 8.7 |

All amounts are nanograms per liter (ng/L), also referred to as parts per trillion (ppt).
ND = Non-Detect. Any PFAS chemical not listed here was not detected.

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

## MEMORANDUM

***DATE:*** **January 28, 2024**

***TO:*** **Board of Directors**
Lake Arrowhead Community Services District

***FROM:*** **Scott Schroder**
Engineering Manager

**Catherine Cerri**
General Manager

***SUBJECT:*** **Yearly Review of Ordinance No. 65, Water Connection Policy of the Lake Arrowhead Community Services District**

## A. RECOMMENDATION

This is an information item only.

## B. REASON FOR RECOMMENDATION

This is an information item only.

## C. BACKGROUND INFORMATION

The District Board of Directors adopted Ordinance No. 65, Water Connection Policy on May 9, 2006, and on June 9, 2006, Ordinance No. 65 became effective. For calendar years 2007 through 2024, the District issued the following number of water connection permits by month:

| | | Water Connection Permits Issued | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | Avail | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 |
| Jan | 5 | 5 | 2 | 1 | 1 | | | | 1 | 2 | 2 | 1 | 2 | | 1 | | 2 | | 1 |
| Feb | 5 | 2 | 3 | | | | | | | | | 1 | | | 1 | 3 | | | |
| March | 5 | 5 | 1 | | | 1 | | | | 1 | 1 | | | 2 | | 1 | | | 1 |
| April | 5 | 5 | 4 | | | | 1 | 1 | | | 1 | 2 | 1 | 3 | 1 | | 1 | 1 | 2 |
| May | 5 | 4 | 1 | 2 | | | 1 | 1 | 1 | | | 2 | 1 | 2 | 1 | 1 | 3 | 2 | 4 |
| June | 5 | 5 | 3 | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | | | 3 | 1 | |
| July | 5 | 2 | 2 | 1 | | | | 1 | | 1 | | | 1 | | 3 | 3 | | 1 | 1 |
| Aug | 5 | 4 | | | 1 | | | | 1 | | 3 | 1 | | | | 3 | 5 | 1 | 2 |
| Sept | 5 | 3 | 2 | 1 | | | | | 1 | | | 2 | | 1 | 1 | 2 | 1 | 1 | 1 |
| Oct | 5 | 1 | | | | 1 | | 1 | 1 | | 1 | | 1 | 3 | 2 | | 1 | | 1 |
| Nov | 5 | 5 | | | 1 | | 1 | 1 | | | 1 | | 1 | 2 | | 2 | 2 | | 2 |
| Dec | 5 | 2 | 1 | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 4 | | 1 |
| TOTA | 60 | 43 | 19 | 5 | 3 | 3 | 3 | 5 | 6 | 6 | 11 | 11 | 9 | 15 | 11 | 15 | 22 | 7 | 16 |

The following are some additional statistics related to water connections in the Arrowhead Woods for calendar year 2024:

| Service Availability Applications | |
|---|---|
| New Construction (Residential) | 21 |
| Remodel Construction (Residential) | 21 |
| Septic to Sewer (Resid/Comml) | 1 |
| New Construction (Commercial) | 0 |
| Remodel Construction (Commercial) | 2 |
| TOTAL | 45 |
| | |
| **Fire Flow Test** | |
| TOTAL | 27 |
| | |
| **Water Meters Upsized as a Result of Fixture Counts** | |
| TOTAL | 2 |
| | |
| **Water Meters Pulled at the Request of Owners** | |
| Irrigation | 0 |
| Potable | 0 |
| Fire Protection | 0 |
| | |
| **Property Owners (Burn Area) Forfeiting their Water & Sewer Connections** | |
| TOTAL | 0 |
| | |
| **Potable Water Meters Installed in 2024** | |
| Residential | 15 |
| Commercial | 1 |
| TOTAL | 16 |
| | |
| **Fire Protection Meters Installed in 2024** | |
| TOTAL | 15 |
| | |
| **Water Connections from 2007 to the end of 2024** | |
| Residential | 7817 |
| Commercial | 105 |
| Institutional | 28 |
| Irrigation | 77 |
| Fire Protection | 486 |
| TOTAL | 8513 |

There has not been the need to establish a waiting list since Ordinance No. 65 became effective.

The purpose of this information item is to review the ordinance and if necessary, staff will return to the Board with a recommendation for any changes. Paragraph 3(c) on Page 7 of the ordinance states:

> *"(c) Yearly Review For the purpose of analyzing the effectiveness of this statute and the management of the District's water resources, the Board shall review the water usage of the District and appropriateness of the restrictions required by this Ordinance. The yearly review shall be conducted each calendar year beginning January 2007."*

The Board of Directors took action on June 8, 2010, and July 27, 2010, determining that a connection shall be considered to be the equivalent of a 3/4-inch size potable water meter pursuant to Paragraph 3 on Page 6 of the attached Ordinance No. 65 for the purpose of determining the yearly and monthly maximums.

Staff does not recommend any changes to Ordinance No. 65 at this time.

## D. FISCAL IMPACT

This is an information item only.

## E. ATTACHMENTS

Attachment 1 – Ordinance No. 65 Water Connection Policy
Attachment 2 – June 8, 2010 and July 27, 2010 Meeting

ORIGINAL

# ORDINANCE NO. 65
# AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT, COUNTY OF SAN BERNARDINO, STATE OF CALIFORNIA WATER CONNECTION POLICY OF THE LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

## RECITALS

A. In accordance with the laws of the United States, the State of California and the State Water Code, the District determines and declares the existence of an emergency condition of water shortage within its service area and hereby enacts the following ordinance for the orderly management of water resources with the intent of ensuring a safe and reliable water supply for the Arrowhead Woods Certificated Water Service Area and hereby establishes the Water Connection Policy of the Lake Arrowhead Community Services District ("LACSD") and adopts and incorporates the emergency situation as also delineated in Ordinance No. 58.

B. The District desires to plan for the orderly management of water resources with the intent of ensuring a safe and reliable water supply for the Arrowhead Woods Certificated Water Service Area; and

C. Urban Water Management Plan On December 13, 2005, the District adopted its 2005 Urban Water Management Plan ("2005 UWMP") that projects and plans for future water demand and water supply in the Arrowhead Woods Certificated Water Service Area; and

D. Rules and Regulations Section 7.0 of the District's Rules And Regulations For Water And Wastewater Service ("Rules and Regulations") sets forth the terms and conditions for the use of the District's water system, application for water service and requirements for the issuance of a Permit to Connect ("Permit") that will allow connection to the District's water system. The requirements of Section 7.0 include, but are not limited to, the following subsections and requirements as summarized below:

Application for Regular Water Service Section 7.2.1 - An application for water service from the District shall be made by the owner of the subject property.

New Connection Service Availability Letter Section 7.5.1 - Prior to applying for a Permit, an Applicant must apply for and receive a Service Availability Letter. Section 7.5.9 - The Service Availability Letter states any limitations regarding the availability of service and specifies general and special conditions that must be met prior to issuance of a Permit.

Service Availability Letter Limitations Section 7.6.1 - A Service Availability Letter does not constitute a Permit or an entitlement to a Permit. No right to a Permit is created by the issuance of a Service Availability Letter or compliance with all conditions set forth in a Service Availability Letter.

Application for Connection to Water System Section 7.9.1 - Subsequent to the issuance of the Service Availability Letter, an Applicant shall make application for a Permit.

Feasibility of New Developments Section 7.20.1 - In addition to complying with all Service Availability Letter and Permit requirements, an Applicant wishing to develop a project that may require construction of a water main to serve a proposed subdivision of lots, extension of a water main to serve an existing property, or construction of other District facility improvements needed for the development project, shall first make a written request to the District for engineering or a study review ("Feasibility Report").

E. Disclosure Statement One of the conditions for issuance of a Service Availability Letter is that Applicants must sign a disclosure statement ("Disclosure") which notifies the Applicant about the State Water Resources Control Board ("State Board") Order WR 2006-0001 In The Matter of Draft Cease and Desist Order No. 262.31-18 and Administrative Civil Liability Complaint No. 262.5-40 (collectively referred to as "Order") against the District. The Disclosure provides, among other things, as follows:

On January 13, 2006, the State Board issued the Order against the District. In, general, the Order upholds the District's pre-1914 water right for consumptive purposes, but limits the District to withdrawals up to 1,566 acre feet per year from Lake Arrowhead. The Order directs the District to take certain corrective actions including, for example and not by way of limitation, the following:

1. The District shall within 60 days of the date of the Order submit a plan to initially reduce and subsequently cease the unauthorized diversion and consumptive use of stored water from Lake Arrowhead above the allowable diversion and use amount of 1,566 AF per calendar year. The plan must specify deadlines for implementation of corrective actions that will reduce unauthorized diversions as quickly as practicable. Under the plan the District shall not exceed an annual withdrawal of 1,566 AF from Lake Arrowhead during 2008 and during all subsequent years. The District shall consider all practical measures to reduce demand or increase supplies, including a moratorium on new water service commitments. The District shall modify the plan in accordance with directions from the Chief of the Division of Water Rights ("Division Chief") and shall implement the final plan after the Division Chief approves it.

2. The District shall submit the following reports to the Division Chief semiannually:

(a) A progress report identifying the conservation measures taken and estimated resulting reduction in total diversion of water from Lake Arrowhead; and

(b) A monthly reservoir operation report for Lake Arrowhead identifying monthly storage elevation, reservoir capacity, change in storage, evaporation loss, bypass or spills, calculated natural inflow, purchase or groundwater inflows, and diversions from the reservoir.

3. The District shall immediately cease any increase in its withdrawal of water from Lake Arrowhead above its total withdrawal for consumptive uses in 2005.

4. The District shall comply with any written directive of the Division Chief regarding the unauthorized diversion of water from Lake Arrowhead until such time as the State Board directs otherwise.

It is possible that the Order could be challenged or otherwise made subject of an appeal or other proceeding. If an entity or individual were to bring such a challenge, it is possible the Order could be changed. It is not possible at this time to determine whether such a change might include the requirement of a moratorium on new water service commitments. In addition, the State Board and its Division Chief will continue to have authority over the District regarding approvals and directives. It is not possible at this time to determine the scope, nature or substance of said directives and approvals or whether a moratorium may end up being required in connection with said directives and approvals. As a result, the District may not be able to provide any new meter installations to customers regardless of whether they may be in the process of construction. Whether or not an individual has a Service Availability Letter, or any other type of permit or approval, may or may not be the determining factor as to whether that individual can connect to the District's system.

Applicants have been required to sign the above-mentioned Disclosure for Service Availability Letters issued on or after August 10, 2005. Service Availability Letters issued prior to August 10, 2005 also included a disclosure which provided, among other things, as follows:

In March and April of 2003, two Water Rights Complaints were filed against the District with the State Water Resources Control Board ("SWRCB"). On February 10, 2004, a draft Report of Investigation ("Draft Report") was issued by staff of the SWRCB. The Draft Report concludes, in part, that the District holds a water right to store water in Lake Arrowhead for recreation purposes only and not for providing water service. Unless or until the District successfully challenges the Draft Report, settles the matter with the complainants who filed the Complaints, or otherwise resolves the matter, there will be a question as to whether the District has the water right to use the water of Lake Arrowhead for providing water service.

F. Status of State Board Order On February 9, 2006 the Board of Directors made a decision to accept the Order. In addition, the District has submitted a plan as required by the Order and as of the date of this Ordinance, said plan is under review by the Division Chief. It is not possible at this time to determine what requirements or limits may be imposed by the Division Chief in connection with approval of the District's plan.

G. Water Conservation Policy On April 27, 2004, the Board of Directors adopted Ordinance No. 58 which became effective June 1, 2004 and established the Water Conservation Policy of the Lake Arrowhead Community Services District. Section 4 of Ordinance No. 58 sets forth Permanent Water Conservation Policies Applicable to All Customers which shall remain in effect as continuous conservation measures. Due to the water shortage, as a condition of service and in order for an applicant to receive a Permit, the applicant shall comply with the District's Mandatory Landscape Standards.

H. Authority To Impose Restrictions This Ordinance and its requirements are adopted pursuant to: (a) Water Code Section 350 et seq. which authorizes the adoption of regulations and restrictions on the delivery and consumption of water; (b) Water Code Sections 375 et seq. and 1009; and (c) Water Code Section 71640 that Government Code § 61100(a) incorporates into the Community Services District Law; all of which authorize the District to adopt a water conservation program to reduce the quantity of water in order to conserve the District's water supply;

I. Effectiveness This Ordinance shall be effective as of June 9, 2006. Within 15 days after its adoption, this Ordinance shall be published in the *Mountain News* newspaper. This Ordinance was introduced, a first reading was done as to the title only, and further reading was then waived after a public hearing and at a regular meeting of the Board held on April 25, 2006. This Ordinance was passed by the Board during its Regular Meeting on May 9, 2006. Notice of the time and date of the Regular Meetings was given in accordance with the legal requirements for posting of the notice and agenda for such Regular Meetings.

J. Historical Average of Applications Since August 1, 2005, when an earlier draft of the Order was released by the State Board, the District has been receiving an unusually high number of applications for new water connections. Historically the average annual number of new connections to the District's water system was sixty-seven (67) or an approximate increase of 1% per calendar year (on an annual basis for the period from 1995 to 2004). From January 1, 2005 to December 31, 2005 the District installed 133 new water meters or approximately twice this historical average.

K. Yearly Increase In New Connections The assumptions used in the 2005 UWMP as well as the plan to satisfy the SWRCB Order include a 1% per year increase in water demand and number of new water connections based on the above-mentioned historical average of new connections per year and the factors which are to be considered in connection with said 2005 UWMP update.

L. New Water Connection Policy The District desires to adopt a policy to govern the allocation of water meters for new connections to the District's water system for service within the Arrowhead Woods Certificated Water Service Area in order to address the following circumstances as set forth above: (a) the Order; (b) the water shortage and need for regulations and restrictions on the delivery and consumption of water resulting from the Order; (c) the anticipated water shortage emergency condition which could prevail from the Order, since the Order could lead to a situation where the ordinary demands and requirements of customers cannot be met without depleting the current water supply to the extent there would eventually be insufficient water for human consumption, sanitation and fire protection; (d) the substantial increase in water service availability applications and water service applications for permits to connect which are being filed and installed as a result of the Order; (e) the conclusions and requirements resulting from the 2005 UWMP and plan to satisfy the Order; and (f) the desire of the District to balance larger subdivision projects with the development of individual properties as well as assuring that a single Applicant cannot obtain all Permits available for certain periods of time, thus limiting development by other Applicants or confining a development to a single area to the exclusion of other areas, especially in-fill areas.

M. Crestline Lake Arrowhead Water Agency (CLAWA) Overlap Area In 2003 the District and CLAWA identified 436 parcels that include 298 residences which are located within the boundaries of the Arrowhead Woods certificated water service area and the CLAWA water service area commonly referred to as the Overlap Area. In July 2003 the District and CLAWA entered into an agreement regarding a State Water Project water supply for the Overlap Area. Under this agreement, the District pays regular rates and charges to CLAWA for delivery of an amount equal to the average annual use of the homes in the Overlap Area. The agreement also addresses delivery of water to satisfy previous use within the Overlap Area as well as advance deliveries for future use in the Overlap Area.

THE BOARD OF DIRECTORS OF THE LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT ORDAINS AS FOLLOWS:

1. Incorporation of Recitals and Rules and Regulations. The Recitals set forth above are incorporated herein and made an operative part of this Ordinance No. 65. The District's Rules and Regulations, as they may be amended from time to time, are hereby incorporated herein. In the event of a conflict between the provisions of this Ordinance and the provisions of the Rules and Regulations, the provisions of this Ordinance shall control. Unless specifically set forth herein, the terms set forth herein shall have the same definition and meaning as any such terms may have under the Rules and Regulations. Upon the effective date of this Ordinance, the Water Connection Policy established by this Ordinance shall be deemed to be part of the Rules and Regulations and the provisions of this Ordinance shall be included in subsequent publications of the Rules and Regulations.

2. Implementation Pursuant to Ordinance No. 58. This Ordinance No. 65 is hereby adopted pursuant to, and in accordance with, the provisions of Ordinance No. 58 and continues the District Water Conservation Policies. In the event of a conflict between the provisions of Ordinance No. 58 and the provisions of this Ordinance No. 65, the provisions of this Ordinance No. 65 shall control.

3. New Water Service Permits Per Month and Per Calendar Year. For the purpose of determining the yearly and monthly maximums a connection shall be considered to be the equivalent of a 5/8 inch size potable water meter. Any larger size meter and the impact on the yearly and monthly maximums shall be subject to approval by the District Board of Directors pursuant to such consistent standards as the Board shall adopt. Water meters for fire sprinkler systems as required by the County of San Bernardino are not included in determining the yearly and monthly maximums. As a condition of service all persons issued a Permit shall comply with the District's Mandatory Landscape Standards. Permits for service in the CLAWA Overlap Area as described in Paragraph M above are not included in determining the yearly and monthly maximums and are hereby exempt from this Ordinance No. 65 to the extent that CLAWA itself has water available under its State Water Project Water Supply Contract.

(a) Yearly Maximum Based on the above-mentioned historical average of new connections per year and the factors which are to be considered in connection with the 2005 UWMP, there shall be a maximum of sixty (60) new Permits for service within the Arrowhead Woods Certificated Water Service Area, allocated per calendar year ("Yearly Maximum").

(b) Monthly Maximum The Yearly Maximum for new Permits shall be granted, and otherwise allocated, to new customers at the maximum rate of five (5) new Permits per month for the months of October through March and five (5) new Permits per month for the months of April through September ("Monthly Maximum") during the applicable calendar year. For the purposes of the remaining months in the calendar year 2006, from and after the effective date of this Ordinance, the Monthly Maximum shall apply and no additional Permits in excess of said Monthly Maximum shall be granted for calendar year 2006. The Yearly Maximum shall then apply to subsequent calendar years commencing with calendar year 2007. The District shall limit the number of Permits granted to any Applicant to two (2) of the new Permits available to be granted per month pursuant to the Monthly Maximum. If there are any new Permits available to be granted at the end of any given month, then said balance for that Monthly Maximum shall be rolled over to the subsequent month. In the event there is any balance of new Permits available to be granted, as a result of said rollover, at the end of any calendar year, said balance shall not be rolled over to the subsequent calendar year. New Permits will be approved on a "first come first serve" basis and are non-transferable. Once the new Permit allocation for a particular month has been exhausted, an Applicant can be placed on a waiting list for the next month for which Permits will be available, if said Applicant satisfies the applicable requirements of the Rules and Regulations. A position on the waiting list cannot be transferred to another owner or property.

(c) Yearly Review For the purpose of analyzing the effectiveness of this statute and the management of the District's water resources, the Board shall review the water usage of the District and appropriateness of the restrictions required by this Ordinance. The yearly review shall be conducted each calendar year beginning January 2007.

4. Water Service Permits For Remodels, Additions or Change of Use The limitations and eligibility requirements set forth in Section 3 of this Ordinance No. 65, in connection with Yearly and Monthly Maximums, shall not apply to Applicants for water service Permits for remodels, additions or change of use under the applicable provisions of the District's Rules and Regulations provided that such Applications do not increase the existing number of connections whether by increased meter size and/or additional meters. As a condition of service, remodel, addition or change of use, the applicant shall comply with the District's Mandatory Landscape Standards.

5. Water Service Permits For Commercial Development The limitations and eligibility requirements set forth in Section 3 of this Ordinance No. 65, in connection with Yearly and Monthly Maximums, shall apply to Applications by a Commercial Customer for a business enterprise under the applicable provisions of the District's Rules and Regulations. As a condition of service for commercial development, the applicant shall comply with the District's Mandatory Landscape Standards.

6. Water Service Permits For Subdivision Projects The limitations and eligibility requirements set forth in Section 3 of this Ordinance No. 65, in connection with Yearly and Monthly Maximums, shall apply to Applications for a Subdivision or multiple unit development Project under the applicable provisions of the District's Rules and Regulations.

7. Granting Water Service Permits

(a) Eligibility for the purposes of the limitations and eligibility requirements set forth in this Ordinance No. 65, a New Water Service Connection will be deemed to be granted to an Applicant upon issuance of the Permit pursuant to the applicable provisions of the District's Rules and Regulations, assuming a Permit is available given the limitations imposed by this ordinance. Applicants for permits shall be placed on a waiting list in order of receipt. Therefore, in order to be granted a Permit or to be placed on a waiting list for a Permit, an Applicant shall bring to the District Engineering office a copy of the approved set of building plans that bear the San Bernardino County Department of Building and Safety's stamp on each page and must have satisfied all applicable requirements of the Rules and Regulations for Connection to the Water System. An Applicant is not entitled to receive a water meter and to connect to the water system unless a Permit has been issued by the District.

(b) Future Service Availability Letters As of the effective date of this Ordinance No. 65, all future Service Availability Letters shall expressly state that the subject Applicant shall not be eligible for a connection under this Water Connection Policy, unless or until issuance of the Permit pursuant to the applicable provisions of the District's Rules and Regulations.

(c) Water Service Installation As of the effective date of this Ordinance No. 65, new water service connections (or water meters) shall only be installed after the foundation has been constructed.

8. Duration of Permit A Permit shall expire six (6) months from the date of issuance if a water meter connection is not completed. Prior to the expiration of the Permit, an applicant may request and be granted a one time extension for an additional six (6) months upon payment to the District, prior to expiration of the Permit, of the difference between the permit connection fees that have already been paid and the permit connection fees at the date of the Permit's expiration. If a water meter connection is not made within one (1) year from the date the Permit is issued, the Permit will expire and become void.

9. CEQA Compliance This Ordinance is statutorily exempt from CEQA because it is a measure enacted pursuant to Water Code section 350 et seq. limiting the number of future water connections necessary to mitigate a water shortage within the District due to the Order as explained herein. Therefore, this Ordinance is exempt from the requirements of CEQA pursuant to Public Resources Code section 21080(b)(4) and State CEQA Guidelines section 15269 (c). In addition, this Ordinance enacting a Water Connection Policy limiting the number of future connections issued by the District is not a project within the scope of CEQA and does not require further environmental analysis. (Pub. Res. Code, § 21065, State CEQA Guidelines, §§ 15060(c) & 15378.) This Ordinance will decrease the rate at which future water connections to the District's water system are issued and will not cause a direct or reasonably foreseeable indirect physical change in the environment. This Ordinance does not change any of the actions of the District, nor the way in which any actions are conducted. Consequently, no direct physical changes in the environment as defined by State CEQA Guidelines, sections 15064(d)(1) and 15382 will result. Furthermore, no indirect physical changes in the environment are anticipated as a result of the Water Connection Policy as defined by State CEQA Guidelines, sections 15064, subdivision (d)(2) and 15382.

10. Severability. If any section, subsection, clause or phrase in this Ordinance No. 65 or the application thereof to any person or circumstances is for any reason held invalid, the validity of the remainder of this Ordinance No. 65 or the application of such provisions to other persons or circumstances shall not be affected thereby. The Board hereby declares that it would have passed this Ordinance No. 65 and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof to any person or circumstance be held invalid.

*ADOPTED* by the Board of Directors of the Lake Arrowhead Community Services District at a regular meeting held on May 9, 2006, by the following votes:

| | |
|---|---|
| *AYES:* | **Dickinson, Goss & Heyck** |
| *NOES:* | **None** |
| *ABSTENTIONS:* | **None** |
| *ABSENT:* | **Keefe & Sievers** |

LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

Mary Ann Dickinson

Mary Ann Dickinson, President of the Board of Directors of the Lake Arrowhead Community Services District

ATTEST:

P.M. McGonigle

P.M. McGonigle, Secretary
Lake Arrowhead Community Services District

(SEAL)

LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

STATE OF CALIFORNIA )
:
COUNTY OF SAN BERNARDINO )

**I, Patti McGonigle, Executive Assistant and Clerk of the Board, do hereby certify that Ordinance No. 65, *An Ordinance of the Board of Directors of the Lake Arrowhead Community Services District, County of San Bernardino, State of California Water Connection Policy of the Lake Arrowhead Community Services District Recitals* has been duly published.**

Patti McGonigle
Executive Assistant and
Clerk of the Board of the
Lake Arrowhead Community
Services District

*LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT*

*MINUTES OF A REGULAR MEETING*
*OF THE BOARD OF DIRECTORS*

DATE: June 8, 2010

TIME: 6:30 p.m.

PLACE: Willow Creek Board Room
840 Willow Creek Road
Lake Arrowhead, CA 92352

ATTENDANCE: Board Members Present:

Joyce Barkley
David Ben-Hur
Glenn Goodwin
Geoffrey Goss
Ralph Wagner

Board Members Absent:
None

Others Present:

John E. Hoagland, General Manager
Jill Willis, General Counsel
Debbie Aubin, Finance Manager
Darlene Butler, Interim Customer Service/Billing Supervisor
Kathleen Fankhauser, Board Secretary
Ryan Gross, District Engineer
Ken Nelsen, Operations Manager
Marc Veysey, Water Resource Planner
Mountain News
Alpenhorn News
Members of the Public

The Meeting was called to Order at 6:30 p.m. by Geoffrey K. Goss President, who led those present in the Pledge of Allegiance to the Flag of the United States of America. Board Secretary Fankhauser certified the proper posting of the Agenda and called roll.

## APPROVAL OF AGENDA

The Board by consensus approved the June 8, 2010 regular Board meeting agenda as presented.

## PUBLIC COMMENT

Public comment was heard from Sue Walker regarding Church of the Woods Environmental Impact Report. In response to Ms. Walker's question regarding submission of comments on the environmental impact report General Manager Hoagland stated that the District had submitted comments.

## CONSENT CALENDAR

Listed under the Consent Agenda were the following items for approval:

1. **Approval of Minutes.**
   May 25, 2010 Regular Board Meeting
   (Present: Barkley, Ben-Hur, Goodwin, Goss, and Wagner)

2. **Consider Award of Construction Contract to Insituform for Rocky Point & Smithport Slip Lining & Manhole Rehabilitation.**

3. **Consider Authorizing the General Manager to Approve the Purchase of Additional Membrane Modules for Pall Mircofiltration system.**

Director Wagner **MOVED** and Director Barkley **SECONDED** to approve consent calendar items 1-3 as presented.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, Goodwin, Goss, and Wagner** |
| | **NOES:** | **None** |
| | **ABSENT:** | **None** |
| | **ABSTAIN:** | **None** |

## ACTION ITEMS

4. **Consider Adopting Resolution No. 2010-07, Amending the District's Employee Handbook to Include a Cellular Telephone/Personal Digital Assistant (PDA) Usage Policy.**

General Manager Hoagland referred to page 19 of the Board packet noting the changes to the wording of section 6.4.1. The General Manager made a recommendation to accept the modification to the Employee Handbook to include the Cellular Telephone/Personal Digital Assistant (PDA) Usage Policy.

Director Goodwin **MOVED** and Vice President Ben-Hur **SECONDED** to adopt Resolution No. 2010-07, amending the District's Employee Handbook to include a Cellular Telephone/Personal Digital Assistant (PDA) Usage Policy.

Board Secretary Fankhauser took a roll call vote as follows:

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, Goodwin, Goss, and Wagner** |
| | **NOES:** | **None** |
| | **ABSENT:** | **None** |
| | **ABSTAIN:** | **None** |

**5. Consider Award of Professional Services Contract for Brentwood and Mittry 1 & 2 Tank Replacement, Project No. 075.**

District Engineer Gross referred to the Board memorandum and made a recommendation that the Board consider awarding a Professional Services Engineering Contact with VA Consulting, Inc. for the design of the Brentwood and Mittry Water Tank and Replacement Project No. 075. not to exceed $126,000. The District Engineer went over the bids received and noted that all three engineering firms were qualified to do the work. Board members asked additional questions regarding the District's decision to go with VA Consulting, and the District staff's past experience with VA Consulting and Albert A. Webb Associates. Board members expressed concern if the insurance requirements in the proposed agreement would be sufficient and if both tanks would be off line during the upcoming fire season. General Manager Hoagland and District Engineer Gross responded to the questions. After further discussion the consensus of the Board was to go with the lowest bidder if the Engineering Firms were equally qualified.

Following Board consideration, Director Wagner **MOVED** and Director Barkley **SECONDED** to award the Professional Services Contract to Albert A. Webb Engineering for the design of Brentwood and Mittry Tank Replacement, Project No. 075. in the amount of $107,700.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, Goodwin, Goss, and Wagner** |
| | **NOES:** | **None** |
| | **ABSENT:** | **None** |
| | **ABSTAIN:** | **None** |

**6. Consider Adopting Resolution No. 2010-11 to Modify Portions of the District's Rules and Regulations for Water and Wastewater Service Related to the Timing of late Payment Notices, the Posting of Door Hangers and Termination of Water Service for Non-Payment.**

Finance Manager Aubin made a recommendation to adopt Resolution No. 2010-11 modifying the District's Rules and Regulations for Water and Wastewater Service regarding the timing for mailing of the past due notice, the posting of the door tag notice

and adjust the shut-off notice. The Finance Manager presented PowerPoint slides on the proposed billing timeline and commented that the recommendation was to minimize customer confusion and to adjust the past due notification procedures and to align the procedures with other utilities' practices. General Manager Hoagland pointed out that the proposed billing timeline would extend out the time that money would be owed to the District and went over the risk involved by extending the time. Interim Customer Service/Billing Supervisor Butler responded to questions from Board members.

Following Board consideration, Director Goodwin **MOVED** and Vice President Ben-Hur **SECONDED** to adopt Resolution No. 2010-11 to modify portions of the District's Rules and Regulations for Water and Wastewater Service related to the timing of late payment notices, the posting of door hangers and termination of water service for non-payment.

Board Secretary Fankhauser took a roll call vote as follows:

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, Goodwin, Goss, and Wagner** |
| | **NOES:** | **None** |
| | **ABSENT:** | **None** |
| | **ABSTAIN:** | **None** |

**7. Consider Establishing ¾-Inch Water Meters as the Minimum Water Meter Size for Future Water Meter Installations.**

General Manager Hoagland reported that in order to establish ¾ inch water meters as the minimum water meter size for future water meter installations that additional requirements would need to be met and brought back to the Board for their consideration. The General Manager advised the Board if they choose to move forward District staff would bring back for the Board's consideration for implementation in January 1, 2011. A brief discussion followed.

Following Board consideration, Director Goodwin **MOVED** and Director Wagner **SECONDED** to established a ¾-inch water meters as the minimum water meter size for future water meter installations.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, Goodwin, Goss, and Wagner** |
| | **NOES:** | **None** |
| | **ABSENT:** | **None** |
| | **ABSTAIN:** | **None** |

## INFORMATION ITEMS

**8. General Manager's Report.**

General Manager Hoagland reported on the research completed at the request of the Board regarding alternative alignment and location of the raw water pipeline and pump

house Project 073. It was concluded that due to the lake water depths it would be prudent to stay with the original proposal. The General Manager further reported that Grass Valley Lake was barely overflowing; repairs continue on the recycled water pond at the Lake Arrowhead Country Club; the power transfer to the new irrigation system was scheduled for June 9, 2010; the records retention schedule would be presented in the next few months for the Board's consideration. The General Manager reminded the Board that the next regular Board meeting would be held at Rim High School in the Joe Mathews Library.

**9. Finance Manager's Report – 3rd Quarter Financial Statements and Investment Report.**

Finance Manager Aubin presented a PowerPoint presentation on the financial activities of the District for the third quarter of fiscal year 2009-2010. The Finance Manager reported that while the Water Enterprise Revenue was down, the expenses were also down proportionately, Wastewater Revenue was up due to the transition to collecting sewer-only customer fees on the property tax rolls and expenses were right on target. Deer Lodge Park Enterprise Revenue was slightly under budget and expenses were down significantly. It was noted due to the small size of the overall Deer Lodge Park budget that maintenance or operations charges would have a large impact on their statements. The Finance Manager referred to the combining statement of net assets and pointed out that the net assets were 12% greater than last year as a result of the bond proceeds and the aggressive CIP program and reviewed the investment portfolio activity.

**10. General Counsel's Report.**

General Counsel Willis reported on lawsuits that were filed challenging the Environmental Impact Report (EIR) that was certified by the Department of Water resources relating Monterey Amendment to the State Water contract. General Counsel will report back if there are any impacts on water delivery as a result of the lawsuits.

## BOARD MEMBER MEETINGS

President Goss reported on the May 26, 2010 Ad Hoc Committee for review of the Deer Lodge Park residential fees that he and Director Wagner, General Manager Hoagland, Finance Manager Aubin, Board Secretary Fankhauser, Jim Williamson, and Duane Banner attended. President Goss added that he felt it was a very productive meeting and that Mr. Williamson was satisfied with the information provided. Director Wagner concurred. President Goss informed the Board that he would be attending the Association of San Bernardino County Special District meeting on June 21, 2010.

## BOARD MEMBER COMMENT

Director Wagner gave a lake level report.

President Goss commented that would have like to have met the young man from Troup 55 that had previously departed.

## CLOSED SESSION

Board members, General Manager Hoagland, Board Secretary Fankhauser and General Counsel Willis went into Closed Session at 7:20 p.m. to discuss only items 2 and 3. Director Wagner recused himself from closed session item 2 due to a potential conflict and Board Secretary Fankhauser was excused from closed session item 3.

1. **Conference with Real Property Negotiators.**
   *Pursuant to Government Code Section 54956.8*
   Property: 12.8 acres of a portion of APN: 0330-011-28 (Dam Commission Property). Legal Description available at the Engineering Department upon request.
   Agency Negotiator: John E. Hoagland and Ryan Gross
   Negotiating Parties: The Lake Arrowhead Community Services and the County Special Districts Department, CSD 70-D1, Dam Commission
   Under Negotiation: Price and terms of payment

2. **Conference with Legal Counsel-Anticipated Litigation**
   Significant exposure to litigation pursuant to subdivision (b) of section 54956.9
   Number of Potential Cases: Unknown

3. **Public Employee Performance Evaluation**
   Title: General Manager

## OPEN SESSION

The Board began the Open Session at approximately 8:02 p.m. General Manager Hoagland reported that there were no reportable actions taken in the Closed Session.

## ADJOURNMENT

Director Wagner **MOVED** and Vice President Ben-Hur **SECONDED** to Adjourn the meeting. The meeting was Adjourned at approximately 8:03 p.m.

Kathleen Fankhauser

Kathleen Fankhauser
Secretary to the Board

*LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT*

*MINUTES OF A REGULAR MEETING*
*OF THE BOARD OF DIRECTORS*

DATE: July 27, 2010

TIME: 6:30 p.m.

PLACE: Willow Creek Board Room
840 Willow Creek Road
Lake Arrowhead, CA 92352

ATTENDANCE:

***Board Members Present:***
David Ben-Hur
Joyce Barkley
Ralph Wagner

***Board Members Absent:***
Glenn Goodwin
Geoffrey K. Goss

***Others Present:***

John E. Hoagland, General Manager
Scott Campbell, General Counsel
Debbie Aubin, Finance Manager
Kathleen Fankhauser, Board Secretary
Ryan Gross, District Engineer
Ken Nelsen, Operations Manager
Mountain News
Alpenhorn News
Members of the Public

The Meeting was called to Order at 6:30 p.m. by David Ben-Hur Vice President who led those present in the Pledge of Allegiance to the Flag of the United States of America. Board Secretary Fankhauser certified the proper posting of the Agenda and called roll.

## APPROVAL OF AGENDA

The Board by consensus approved the July 27, 2010 regular Board meeting agenda as presented.

## PUBLIC COMMENT

There was no Public Comment.

## CONSENT CALENDAR

Director Barkley requested that consent calendar item #3 be withdrawn and placed on the action calendar for further discussion.

Listed under the Consent Agenda were the following items for approval:

1. **Approval of Minutes.**

   Approval of the July 13, 2010 Regular Board Meeting
   (Present: Barkley, Ben-Hur, Goodwin, Goss, and Wagner)

2. **Consider Receiving and Filing of the Fiscal Year 2009-2010 Annual Board & Employee Expense Report.**

***Consent Calendar Item 3 was withdrawn and placed on the action calendar for further discussion.***

3. **Consider Authorizing District Staff to Execute the Amendment to the Professional Services Contract with Computer Options.**

4. **Consider Approving a Contract for Underground Storage Tank Replacement.**

Director Wagner **MOVED** and Director Barkley **SECONDED** to approve consent calendar items 1, 2, and 4 as presented.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

## ACTION ITEMS

**3. Consider Authorizing District Staff to Execute the Amendment to the Professional Services Contract with Computer Options.**

Finance Manager Aubin asked that the Board consider authorizing District staff to execute an amendment to the Professional Services Contract with Computer Options. The Finance Manager and General Manager Hoagland responded to questions posed. Director Barkley requested that additional background information be presented. No action was taken on the item and it was tabled to the August 10, 2010 Regular Board Meeting.

**5. Consider Adopting Resolution No. 2010-13 Adopting a Records Retention Schedule.**

General Manager Hoagland informed the Board that the proposed records retention schedule meets legal retention requirements and the appropriate District employee's and the District's Legal Counsel have reviewed and approved the proposed schedule. The General Manager gave a brief overview of the future steps in the development of a comprehensive records management program. The General Manager requested that the Board adopt Resolution No. 2010-13 adopting the proposed records retention schedule. A question and answer period followed.

Following Board consideration Director Barkley **MOVED** and Director Wagner **SECONDED** to adopt Resolution No. 2010-13 adopting the Records Retention Schedule.

Board Secretary Fankhauser took a roll call vote as follows:

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

**6. Consider Adopting Resolution No. 2010-14 Modifying the Cellular Telephone and Personal Digital Assistant Policy.**

Finance Manager Aubin made a recommendation that the Board approve Resolution No. 2010-14 modifying the Cellular Telephone and Personal Digital Assistant Policy to include a revision for either a cell phone allowance or a provision of a District owned instrument for designated District employees. The Finance Manager and the General Manager responded to questions.

Following Board consideration Director Wagner **MOVED** and Director Barkley **SECONDED** to adopt Resolution No. 2010-14 modifying the Cellular Telephone and Personal Digital Assistant Policy.

Board Secretary Fankhauser took a roll call vote as follows:

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

**7. Consider Adopting Resolution No. 2010-15 Adopting an Employee/Employer Organization.**

General Manager Hoagland noted that numerous legislative changes have occurred since the adoption of Resolution No. 78-30 which adopted Rules and Regulations governing District Employer-Employee Organization Relations. The General Manager reported that the Employment Department of the District's Legal Counsel, District Staff and Union Representatives had extensively reviewed the Employee/Employer Organization policy being presented for the Board's consideration. General Manager Hoagland responded to questions. Director Barkley requested that the minutes reflect a correction to the item 7, agenda title: organizing to organization.

Following Board consideration Director Wagner **MOVED** and Director Barkley **SECONDED** to accept District staff's recommendation to adopt Resolution No. 2010-15 implementing Chapter 10, Division 4, Title I of the Government Code of the State of California (Sections, et seq.,) captioned "Local Public Employee Organizations".

Board Secretary Fankhauser took a roll call vote as follows:

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

**8. Consider Adopting Resolution 2010-16 Establishing Separate Fixed Monthly Capacity Rates and Connection Fees for ¾ inch and Smaller Water Meters for Residential, Commercial and Industrial Customers in the Arrowhead Woods Water Service Area and in the Deer Lodge Park Service Area, Effective August 1, 2010.**

General Manager Hoagland stated that the Uniform Plumbing Code no longer included the 5/8-inch water meter in its sizing tables and that the District had worked closely with the District's Legal Counsel to ensure that all legal requirements were met with regard to changes. The General Manager further commented that establishing the current 3/4–inch water meter connection fee as the connection fee for the new ¾-inch and smaller water meter category would grandfather in all existing 5/8-inch water meters and would

eliminate the connection capacity fees for upsizing to ¾-inch water meters from 5/8-inch water meters for Arrowhead Woods and Deer Lodge Park service area. A question and answer period followed.

Public Comment was heard from Jim Williamson. A question and answer period followed.

Following Board consideration Director Wagner **MOVED** and Director Barkley **SECONDED** to adopt Resolution No. 2010-16 establishing separate fixed monthly capacity rates and connection fees for ¾ inch and smaller water meters for residential, commercial and industrial customers in the Arrowhead Woods Water service area and in the Deer Lodge Park service area, effective August 1, 2010.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

**9. Consider Awarding an Architecture and Engineering Services Contract for New District Headquarters.**

District Engineer Gross made a recommendation to approve two professional services contracts for the architecture and engineering services for the new district headquarters with GMID for architecture services and with W. J. McKeever, Inc. for civil engineering services. The District Engineer also noted that the agreements would be pending the final land acquisition from the County of San Bernardino. General Manager Hoagland commented that the facility consolidation would not include Operators and the Lab at the Grass Wastewater Valley Treatment Plant and Water Operators at Bernina. A brief question and answer period followed.

Public Comment was heard from Jim Williamson.

Following Board consideration Director Barkley **MOVED** and Director Wagner **SECONDED** to approve District staff's recommendation to award architecture services and engineering services contracts for the new district headquarters to GMID for architecture services and with W. J. McKeever, Inc. for civil engineering services pending the final land acquisition from the County of San Bernardino.

| | | |
|---|---|---|
| **CARRIED:** | **AYES:** | **Barkley, Ben-Hur, and Wagner** |
| | **NOES:** | **None** |
| | **ABSTAIN:** | **None** |
| | **ABSENT:** | **Goodwin and Goss** |

## INFORMATION ITEMS

**10. General Manager's Report.**

General Manager Hoagland reported that San Bernardino County was completing a final review of the agreement for the acquisition of land north of the new Lake Arrowhead Dam. The agreement would be brought back to the Board for their consideration at the August 10, 2010 regular Board meeting. The General Manager gave an update on the Lake Arrowhead Country Club recycle water project and informed the Board of Director Wagner's request to provide an oral report on the quality of recycled water being delivered to the golf course for irrigation.

**11. General Counsel's Report.**

General Counsel Campbell reported that San Diego's City Council was considering a $6.6 million pilot program to build a facility to test the feasibility for indirect potable reuse to augment San Diego's reservoirs and that he would continue to monitor the program and report back to the Board.

## BOARD MEMBER MEETINGS

There was no request to attend upcoming meetings or report of attendance at meetings.

## BOARD MEMBER COMMENT

Director Wagner gave a lake level report.

## CLOSED SESSION

General Manager Hoagland announced that he had no new information to report in closed session.

1. **Conference with Real Property Negotiators.**
   Pursuant to Government Code Section 54956.8
   Property: 12.8 acres of a portion of APN: 0330-011-28 (Dam Commission Property). Legal Description available at the Engineering Department upon request.
   Agency Negotiator: John E. Hoagland and Ryan Gross
   Negotiating Parties: The Lake Arrowhead Community Services and the County Special Districts Department, CSD 70-D1, Dam Commission
   Under Negotiation: Price and terms of payment

## ADJOURNMENT

Director Wagner **MOVED** and Director Barkley **SECONDED** to Adjourn the meeting. The meeting was Adjourned at approximately 7:24 p.m.

Kathleen Fankhauser
Secretary to the Board

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

# MEMORANDUM

***DATE:*** **January 28, 2025**

***TO:*** **Board of Directors**
Lake Arrowhead Community Services District

***FROM:*** **Catherine Cerri**
General Manager

***SUBJECT:*** **General Manager's Report**

---

## A. RECOMMENDATION

This is an information item.

## B. REASON FOR RECOMMENDATION

This is an information item.

## C. BACKGROUND INFORMATION

### PFAS Rebates

On June 25, 2024, the Board of Directors approved a $100 rebate per residence for in-home water filters that remove PFAS. As of December 31, 2024, the District has processed 140 rebates.

| Month | # of Rebates |
|---|---|
| July 2024 | 38 |
| August 2024 | 29 |
| September, 2024 | 24 |
| October, 2024 | 35 |
| November, 2024 | 7 |
| December, 2024 | 7 |
| Total | 140 |

### Customer Water Usage

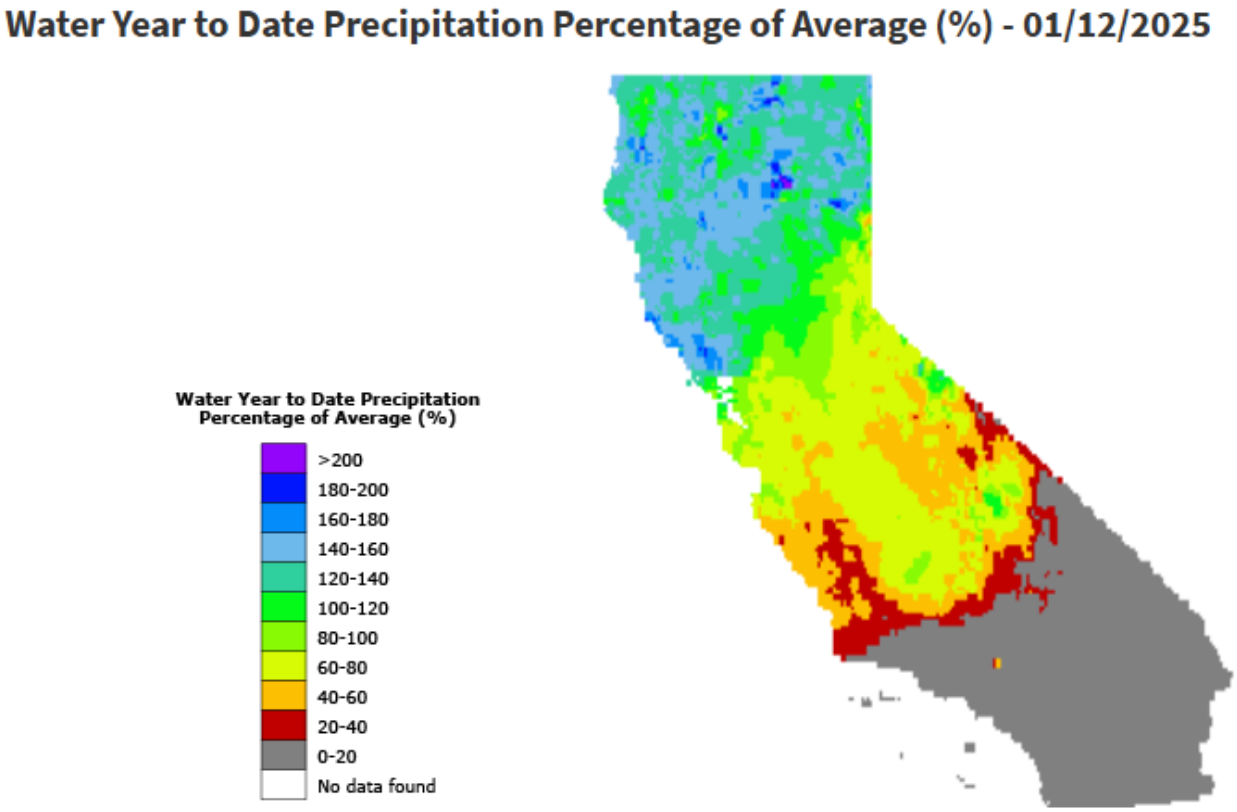
Metered water usage by customers in December 2024 was nearly the same compared to the prior year. Conversely, water delivered to the distribution system was 3.9% higher than the prior year due to higher water loss during the month.

At the mid-point of Fiscal Year 2024-25, an analysis of the District's Urban Water Use Objective indicates the District is meeting the projected goal by 3%.

## Hydrologic Update

The 2025 Water Year has been very dry in the southern half of the state, fueling catastrophic wildfires. The northern half of the state has received record rainfall from extreme atmospheric rivers. The level of Lake Arrowhead is 2.6' below full at 5104.1'. Last year at this time the lake was 5106.3'.

Atmospheric river conditions increased the amount of water stored in statewide reservoirs. Current statewide reservoir storage is at 70% of capacity and 121% of the historical average. This is 3% higher than last year at this time. The Department of Water Resources increased the allocation for State Water Project (SWP) Contractors from 5% to 15% for Water Year 2025 due to improved water storage conditions. Water supply forecasts are based on current reservoir storage and conservative assumptions for precipitation in the future. Current snow pack is at 91% of normal.



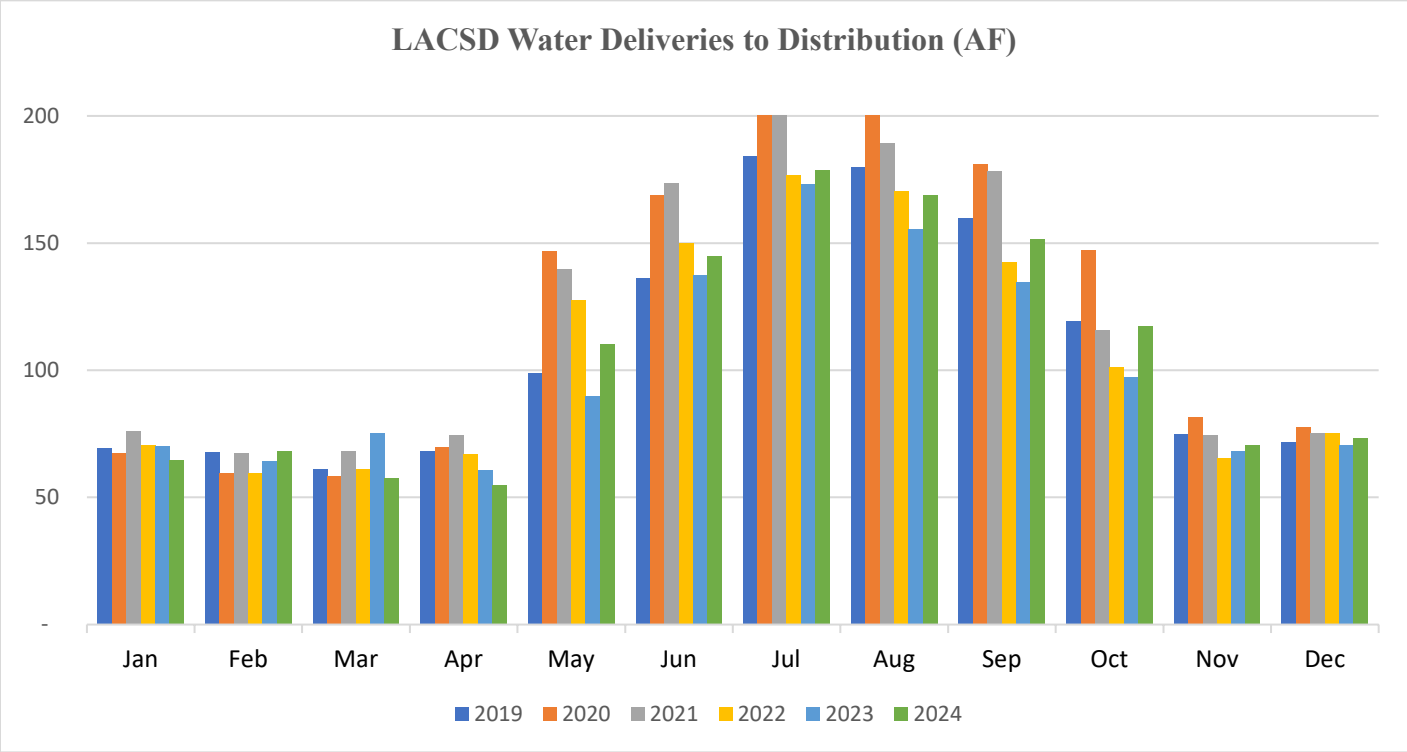

**cww.water.ca.gov**

**Lake Arrowhead Hydrology**

| Hydrology Precip (in) | Avg Annual | Actual 2019 | Actual 2020 | Actual 2021 | Actual 2022 | Actual 2023 | Actual 2024 | Projected 2025 |
|---|---|---|---|---|---|---|---|---|
| Cedar Glen | 33.1 | 66.3 | 24.5 | 35.6 | 29.4 | 63.7 | 42.3 | 16.0 |
| BJ Admin | 34.3 | 57.7 | 23.9 | 30.4 | 29.2 | 69.8 | 39.5 | 16.0 |
| Bernina | 30.7 | 51.6 | 20.9 | 24.0 | 25.6 | 64.9 | 35.5 | 17.3 |
| LACC | 19.7 | 38.6 | 14.7 | 16.4 | 28.4 | 42.3 | 31.2 | 16.8 |
| Hospital | | 17.2 | 12.7 | 20.2 | 20.8 | 45.2 | 26.1 | 9.9 |
| Rimforest | 34.9 | 61.6 | 24.4 | 37.2 | 29.2 | 70.6 | 44.8 | 16.0 |
| **Total Precip** | **33.5** | **50.8** | **21.3** | **30.3** | **29.1** | **59.4** | **36.6** | **15.3** |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **SWP Tbl A** | 64% | 10-75% | 10-20% | 5% | 5% | 100% | 40% | 15% |

| **Lake Level** | **Avg** | **2019** | **2020** | **2021** | **2022** | **2023** | **2024** | **2025** |
|---|---|---|---|---|---|---|---|---|
| Lake Level | 5102.0 | 5105.5 | 5103.1 | 5102.4 | 5103.0 | 5106.3 | 5104.2 | 5100.4 |
| Lake Level vs. full (feet) | -4.7 | -1.2 | -3.6 | -4.3 | -3.7 | -0.4 | -2.5 | -6.3 |
| Evaporation losses (feet) | -4.0 | -4.0 | -4.0 | -4.0 | -3.8 | -4.0 | -4.0 | -4.0 |
| Withdrawals (feet) | -2.2 | -1.4 | -1.6 | -1.4 | -1.3 | -1.2 | -1.0 | -1.1 |
| Precipitation (feet) | 2.8 | 12.3 | 2.7 | 4.1 | 5.1 | 7.2 | 3.1 | 1.3 |




| **2024 Produced** | **Jan** | **Feb** | **Mar** | **Apr** | **May** | **Jun** | **Jul** | **Aug** | **Sep** | **Oct** | **Nov** | **Dec** | **2024** |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| % vs 2019 | -7.2 | +0.3 | -5.6 | -19.6 | +11.6 | +6.3 | -2.9 | -5.9 | -5.2 | -1.7 | -5.5 | +2.4 | -2.3 |
| % vs 2020 | -4.4 | +14.1 | -0.8 | -21.3 | -25.0 | -14.2 | -10.7 | -15.5 | -16.2 | -20.3 | -13.4 | -5.2 | -13.5 |
| % vs 2021 | -15 | +0.9 | -15.3 | -26.2 | -21.1 | -16.4 | -10.6 | -10.8 | -14.9 | +1.2 | -5.3 | -2.8 | -12.0 |
| % vs 2022 | -8.5 | +14.3 | -5.3 | -18.2 | -13.5 | -3.3 | +1.2 | -0.9 | +6.3 | +16.0 | +7.6 | -2.6 | -0.5 |
| % vs 2023 | -8.0 | +5.8 | -23.3 | -9.6 | +22.7 | +5.4 | +3.3 | +8.8 | +12.5 | +20.3 | +3.7 | +3.9 | +5.3 |

**LACSD Water Supply and Demand Summary**

| Year | | | | | | |
|---|---|---|---|---|---|---|
| Surface Water | 1,106 | 1,277 | 1,120 | 1,052 | 961 | 796 |
| Groundwater | 198 | 180 | 187 | 201 | 224 | 160 |
| Imported Water | 47 | 46 | 169 | 53 | 39 | 329 |
| Total Supply | 1,351 | 1,503 | 1,477 | 1,306 | 1,224 | 1,285 |
| | | | | | | |
| Demand | 1,277 | 1,507 | 1,507 | 1,340 | 1,276 | 1,342 |
| Demand Mgmt | | | (96) | (100) | (80) | (80) |
| Total | 1,277 | 1,507 | 1,411 | 1,240 | 1,196 | 1,262 |

## D. FISCAL IMPACT

This is an information item.

## E. ENVIRONMENTAL IMPACT

This is an information item**.**

## F. ATTACHMENTS:

- None

# LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT

# MEMORANDUM

| | |
|---|---|
| ***DATE:*** | **January 28, 2025** |
| ***TO*:** | **Board of Directors**<br>Lake Arrowhead Community Services District |
| ***FROM:*** | **Scott Schroder**<br>Engineering Manager |
| | **Catherine Cerri**<br>General Manager |
| **SUBJECT:** | **Consider Awarding an Engineering Contract to TKE Engineering for Lift Station #2 Relocation** |

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## A. RECOMMENDATION

It is recommended that the Board of Directors:

1. Enter into a Professional Services Agreement (PSA) for the Design of Lift Station No. 2 Relocation Project with TKE Engineering (TKE) in the amount of $245,450; and,

2. Authorize the General Manager to execute the PSA with TKE.

## B. REASON FOR RECOMMENDATION

The District needs professional engineering services to relocate Lift Station No. 2, located in the lower Village parking lot. The scope of services will include project management, records management, design surveys, base drawings, design coordination with agencies, design review, and final design.

## C. BACKGROUND INFORMATION

Currently, Lift Station # 2 has limited capabilities. It contains 2-20 horsepower submersible pumps and a wet well of 800 gallons. The pumps turn on at a level of 55 inches and turn off at 25 inches, pumping 293 gallons per cycle. This lift station cycles approximately 93 times within 24 hours. This gives District Staff approximately 8 minutes from the high float alarm until wastewater backs up within the collection system and spills into the

parking lot. The lift station is located on the edge of the roadway near the road's intersection to the upper village and next to the crosswalk. The relocation and new lift station will provide better access and parking for District vehicles, will add 3 Flygt brand submersible pumps with N-impellers to shred non-flushable towels and wipes, move pumps to a dry pit configuration, and provide a larger wet well.

## D. FISCAL IMPACT

This contract's fiscal impact will be $245,450. It will be funded by the Wastewater Capital Improvement Fund (210) and will be a portion of the FY 2025-26 budget of $2,350,000 for the new lift station.

## E. ENVIRONMENTAL IMPACT

This item is an administrative action; therefore, it is not subject to the California Environmental Quality Act ("CEQA"). Impacts to the environment will be considered once the design is complete.

## F. ATTACHMENTS:

TKE Engineering Proposal to Provide Professional Engineering Services for the Design of Lift Station No. 2 Relocation.



