

**LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT**

**MEMORANDUM**

**DATE:** MAY 23, 2023

**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 only.

**B. REASON FOR RECOMMENDATION**

This is an information item only.

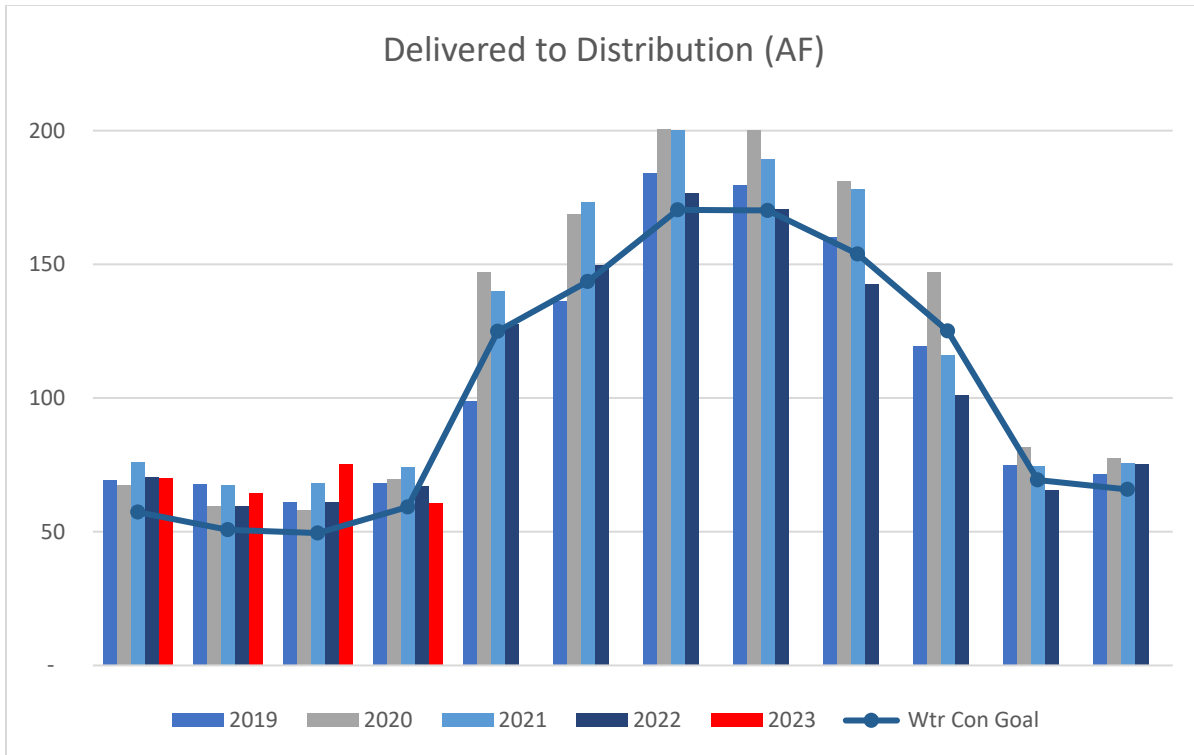
**C. BACKGROUND INFORMATION**

Hydrologic Update

Since the beginning of the 2023 Water Year, the Lake Arrowhead area recorded more than 60" of precipitation. The drought monitor no longer categorizes our vicinity as in a drought. The level of Lake Arrowhead is currently full and overflowing at 5107.01' which is 3' higher than the same time last year. The last reading in the Sierras indicated a snowpack at 332% of normal with some areas experiencing the highest snowpack in recorded history.

Current statewide reservoir storage is at 68% of capacity and 90% of the historical average. This is 26% higher than last year at this time. The 2023 allocation for State Water Project Contractors was raised from 5% to 100%. Water is being received at Southern California reservoirs that haven't seen deliveries for three years.

Water use in April, 2023 was 9% lower than in April, 2022. Water use is 5% higher than the first four months of 2022.



<b>2023 Usage</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>
<b>% Vs 2019</b>	+0.9%	-5.1%	+23.1%	-11%
<b>% Vs 2020</b>	+4.0%	+7.8%	+29.4%	-13%
<b>% Vs 2021</b>	-7.7%	-4.6%	+10.5%	-18%
<b>% Vs 2022</b>	-0.5%	+8.0%	+23.5%	-9%

### Water Supply and Demand Summary 2023 Projection

	2019	2020	2021	2022	2023 Projection
Surface Water	1,106	1,277	1,120	1,052	1,071
Groundwater	198	180	187	201	181
Imported Water	47	46	169	53	53
<b>Total Supply</b>	<b>1,351</b>	<b>1,503</b>	<b>1,477</b>	<b>1,306</b>	<b>1,305</b>
Demand	1,277	1,507	1,507	1,340	1,332
Demand Mgmt			(96)	(100)	(80)
<b>Total</b>	<b>1,277</b>	<b>1,507</b>	<b>1,411</b>	<b>1,240</b>	<b>1,252</b>

## Hydrologic Assessment

Precipitation Gage (in)	Average							Projected CY	
	Annual	2017	2018	2019	2020	2021	2022	2023	2024
Cedar Glen (SE)	33.06		27.76	66.26	24.52	35.55	29.43	54.62	12.2
BJ Admin (SW)	34.26	27.00	28.84	57.74	23.85	30.39	29.19	59.15	12.37
WCWWTP (N)									
Bernina USGS (W)	30.67	25.55	24.67	51.60	20.86	24.03	25.61	56.05	13.37
LACC (GV W)	19.72	15.76	12.37	38.61	14.69	16.42	28.37		12.85
EW9934 Hospital (NE)			4.03	17.19	12.69	20.16	20.76		7.03
Fire Sta #1, 5140 (S)	36.70	31.5	33.68	60.46	28.66	50.04	36.3	57.96	29.41
Fire Sta #4, 5280 (W)	28.46	24.13	31.35	59.59	26.57	39.8	33.89	52.51	19.58
<b>Precipitation (in)</b>	<b>33.32</b>	<b>24.48</b>	<b>23.22</b>	<b>49.62</b>	<b>20.99</b>	<b>29.48</b>	<b>29.08</b>	<b>56.06</b>	<b>15.26</b>
SWP Table A	64%	20-85%	15-35%	10-75%	10-20%	5%	5%	5%	0%

### Lake Level Analysis

Lake Level (last day of month)	5101.96	5099.15	5097.47	5105.52	5103.14	5102.4	5103	5103	5100
Lake Level vs. full	-4.74	-7.55	-9.23	-1.18	-3.56	-4.32	-3.70	-4.19	-6.92
Evaporation losses	-4.00	-4.00	-4.00	-4.00	-4.00	-4.00	-3.80	-4.00	-4.00
Lake withdrawals (feet)	-2.19	-1.37	-1.23	-1.41	-1.63	-1.43	-1.34	-1.37	0.00
Precipitation (feet)	2.78	2.04	1.93	11.99	2.67	3.98	5.08	6.49	1.27

### Website Update

Staff have been working with Revize on a new website which will focus on the information that our customers are looking for. Below is an example of a page in development. Pictures and words will change but the design will be clean and easy to navigate.

The screenshot shows a website layout for LACSD. At the top left is the LACSD logo. The navigation menu includes: About LacsD, Customers, Departments, Conservation, How do i?, and a weather widget showing THURSDAY 45° Clouds. A search bar is on the right. The main content area features a large image of a lake at sunset with the text 'INTERIOR PAGE'. Below the image is a 'PAGE MENU' sidebar with links: Meeting Minutes & Agendas, Forms & Documents, Emergency Services, Emergency Department, Public Notices, Report A Concern, Request A Water Test, and Forms & Applications. The main content area has a 'PAGE HEADER HERE' section with placeholder text: 'Maecenas sed diam eget risus varius blandit sit amet non magna. Sed posuere consectetur est at lobortis. id ligula porta felis euismod semper. Nullam id dolor id nibh ultricies vehicula ut id elit. Nullam quis risus lit magnis dis parturient montes, nas. Fusce dapibus, tellus ac cursus commodo, tortor mauris. Vivamus vel auguevehicula ut id elit. Nullam quis ri'. Below that is a 'CRAS JUSTO ODIO' section with more placeholder text: 'Integer posuere erat a ante venenatis dapibus posuere velit aliquet. Cras justo odio, dapibus ac facilisis in, am. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nullam id dolor id nibh ultricies vehicula utid consectetur purus sit amet fermentum. Aenean eu leo quam. Pellentesque'.

**D. FISCAL IMPACT**

This is an information item only.

**E. ENVIRONMENTAL IMPACT**

This is an information item only.

**F. ATTACHMENTS**

None