

# Lincoln Avenue Water Company

Established 1886



## 2024 ANNUAL REPORT OF OPERATIONS

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# LINCOLN AVENUE WATER COMPANY

July 31, 2025

John Clairday, President  
Board of Directors  
Lincoln Avenue Water Company  
564 W Harriet Street  
Altadena, CA 91001



Dear Board of Directors:

As we reflect on 2024, we do so with profound empathy for our neighbors and fellow community members who suffered unimaginable losses in the recent Eaton Fire. This tragic event, which destroyed 58% of our customers' homes and businesses, including that of Lincoln Avenue Board Members and employees, has reshaped not only our operations but our very mission as a community-owned water provider.

Throughout the past year, our team has worked diligently to maintain reliable water service while navigating challenges. Routine maintenance, system upgrades, and water quality monitoring remained our top priorities. In the aftermath of the fire, our crews have been assessing infrastructure damages, restoring service where possible, and supporting recovery efforts. Many parts of our system require repairs or replacements due to fire-related and debris removal damage. We are coordinating with local, state, and federal agencies to secure funding and technical assistance to complete these repairs.

It's important to highlight that investments have been made over the years to improve defensible space and remove combustible materials from our facilities. These proactive measures proved invaluable as 6 of 8 reservoirs located in the burn zone sustained minimal damage.

In 2024, we invested \$1.5 million in capital improvements to critical infrastructure, including the completion of the Loma Alta Pipeline Project, South Wapello Reservoir Interior Rehabilitation, Booster Pump Rehabilitations, and Security System Upgrades.

We recognize that rebuilding our community will take time and sustained effort. Despite several challenges, the professional staff of Lincoln Avenue remain committed to providing the highest quality and most reliable water service to customers.

Sincerely,

A handwritten signature in black ink, appearing to read "J Betancourt Torres".

Jennifer Betancourt Torres  
General Manager





# PHASE II

## LOMA ALTA PIPELINE



In 2024, we successfully completed Phase II of the Loma Alta Pipeline Project, which involved installing 1,600 feet of new 8-inch steel pipe extending from Fair Oaks Avenue to Chaney Trail. The project was not without its challenges—we encountered an unmarked storm drain directly in the pipeline's path, requiring adjustments to keep the work moving forward.

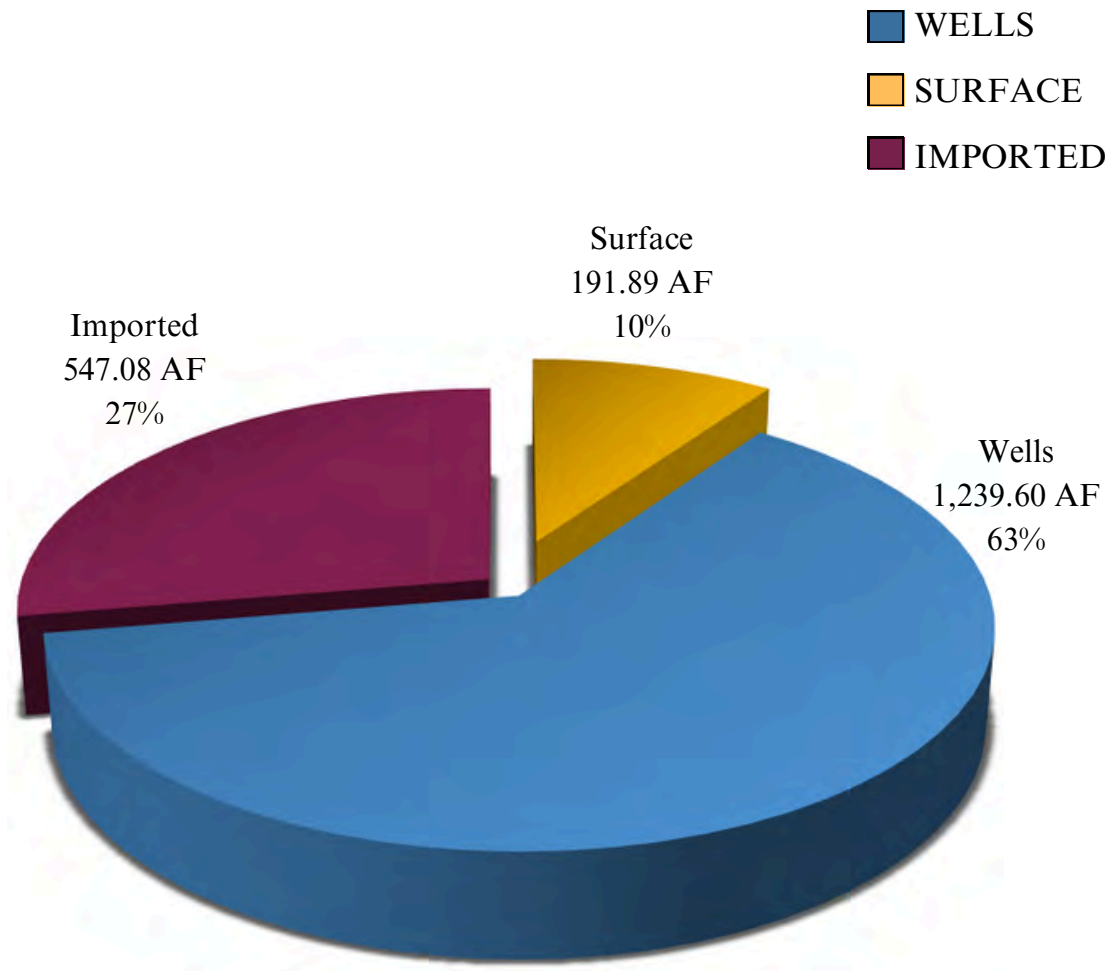


## SOUTH WAPELLO RESERVOIR INTERIOR REHABILITATION



Maintaining our water storage facilities in top condition remains a priority. This year, we advanced our reservoir rehabilitation program with improvements at the South Wapello Reservoir. The interior was sandblasted, patched, and coated with an epoxy liner to ensure long-term durability. In addition, the effluent isolation valve was replaced to enhance operational reliability.

## 2024 WATER PRODUCTION BY SOURCE



Wells	1,239.60 AF
Surface	191.89 AF
Imported	547.08 AF
Total Production	1,978.57 AF

## WATER SALES AND PRODUCTION FOR 2024 IN ACRE FEET

MONTH	IMPORTED WATER PURCHASE	WELL PRODUCTION	LOCAL SURFACE WATER	TOTAL PRODUCTION	LEASE WATER DELIVERED	SALES	RAIN FALL (INCHES)
January	4.84	75.01	27.62	107.47	0.00	108.76	1.23
February	0.00	76.51	8.83	85.34	0.00	96.75	11.48
March	10.47	92.13	0.00	102.60	0.00	77.85	5.25
April	14.85	79.11	21.87	115.83	0.00	104.26	1.32
May	16.74	94.66	46.92	158.32	11.1	125.24	0.67
June	30.26	147.89	40.46	218.61	36.20	144.86	0.00
July	97.70	97.08	26.89	221.67	0.00	198.00	0.00
August	128.42	92.54	148.89	235.85	0.00	220.67	0.00
September	128.67	94.20	0.00	222.87	0.00	208.33	0.00
October	68.23	124.07	0.00	192.30	0.00	197.91	0.02
November	29.61	129.51	0.00	159.12	0.00	157.50	0.29
December	17.29	136.89	4.41	158.59	0.00	142.43	0.21
<b>TOTAL</b>	<b>547.08</b>	<b>1239.60</b>	<b>191.89</b>	<b>1978.57</b>	<b>47.30</b>	<b>1782.54</b>	<b>20.47</b>

### PUMPED FROM WELLS

WELL #3	0.90
WELL #5	54.13
WELL #6	1184.57
<b>TOTAL</b>	<b>1239.60</b>

Total Production	1978.57
Lease Water Delivery	-47.30
Production for Lincoln	1931.24
Total Sales	-1782.54
Subtotal	148.76
Treatment Plant Operation & Water Quality Control	-52.35
Non-Sales Production	96.35
	or 5%

**Non-Sales Production** is water used during routine water quality sampling, evaporation from reservoirs, irrigation at Company sites, water quality flushing, pipeline ditch compaction and dust control, fire fighting, fire training, leaks on mains, etc.

The Company's well production consists of 567 acre feet of annual decreed right plus spread credit from mountain run-off, and available leased groundwater rights.



## ENERGY COST BY WELLS AND PUMP STATIONS 2020-2025

WELLS & PUMPING STATIONS	2024 ENERGY COST COST/AF	2023 ENERGY COST COST/AF	2022 ENERGY COST COST/AF	2021 ENERGY COST COST/AF	2020 ENERGY COST COST/AF
Well #3 ( <i>Pump to Main Plant</i> )	6,920.60 N/A	4,151.16 N/A	1,912.84 N/A	2,030.89 N/A	1,798.08 N/A
Well #5 ( <i>Pump to Main Plant</i> )	6,787.91 125.40	34,495.84 122.20	66,226.42 101.71	18,707.94 78.33	2,797.34 69.62
Well #6 ( <i>Pump to Main Plant</i> )	162,034.93 139.79	143,098.64 140.28	90,519.75 129.87	164,123.84 121.62	188,913.89 93.14
Main Plant ( <i>Pump to Glenrose</i> )	103,258.77 60.08	144,041.51 96.93	139,909.72 74.16	156,380.73 71.76	146,873.32 67.21
Glenrose Reservoir ( <i>Pump to Wapello</i> )	62,227.41 75.59	54,694.54 81.87	56,615.12 60.64	58,298.39 59.41	46,251.85 48.75
Wapello Reservoir ( <i>Pump to Ware &amp; La Vina &amp; Swigart</i> )	66,711.05 96.59	60,223.90 110.40	59,886.51 80.07	61,718.15 70.72	49,713.42 61.00
Ware Reservoir ( <i>Pump to Coulter</i> )	15,848.59 130.39	6,830.71* 63.59	5,560.77* 32.20	5,738.72* 27.45	2,901.89* 20.41
TOTAL ANNUAL ENERGY COST	\$417,001.35 \$233.40	\$447,536.60 \$296.24	\$420,631.13 \$228.67	\$466,998.66 \$214.98	\$439,249.79 \$206.30

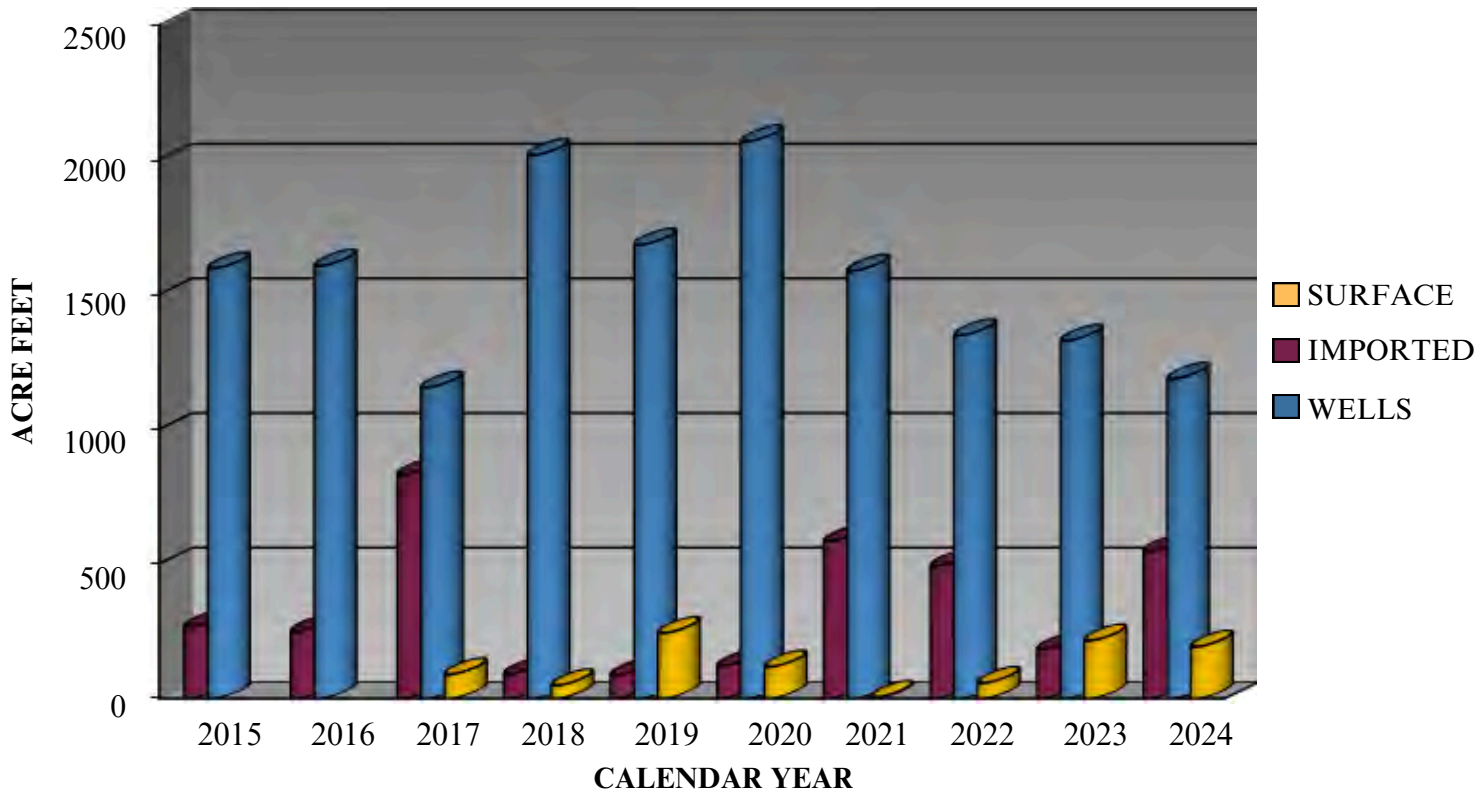
\*Total cost after applying Solar Energy Generation Credit.



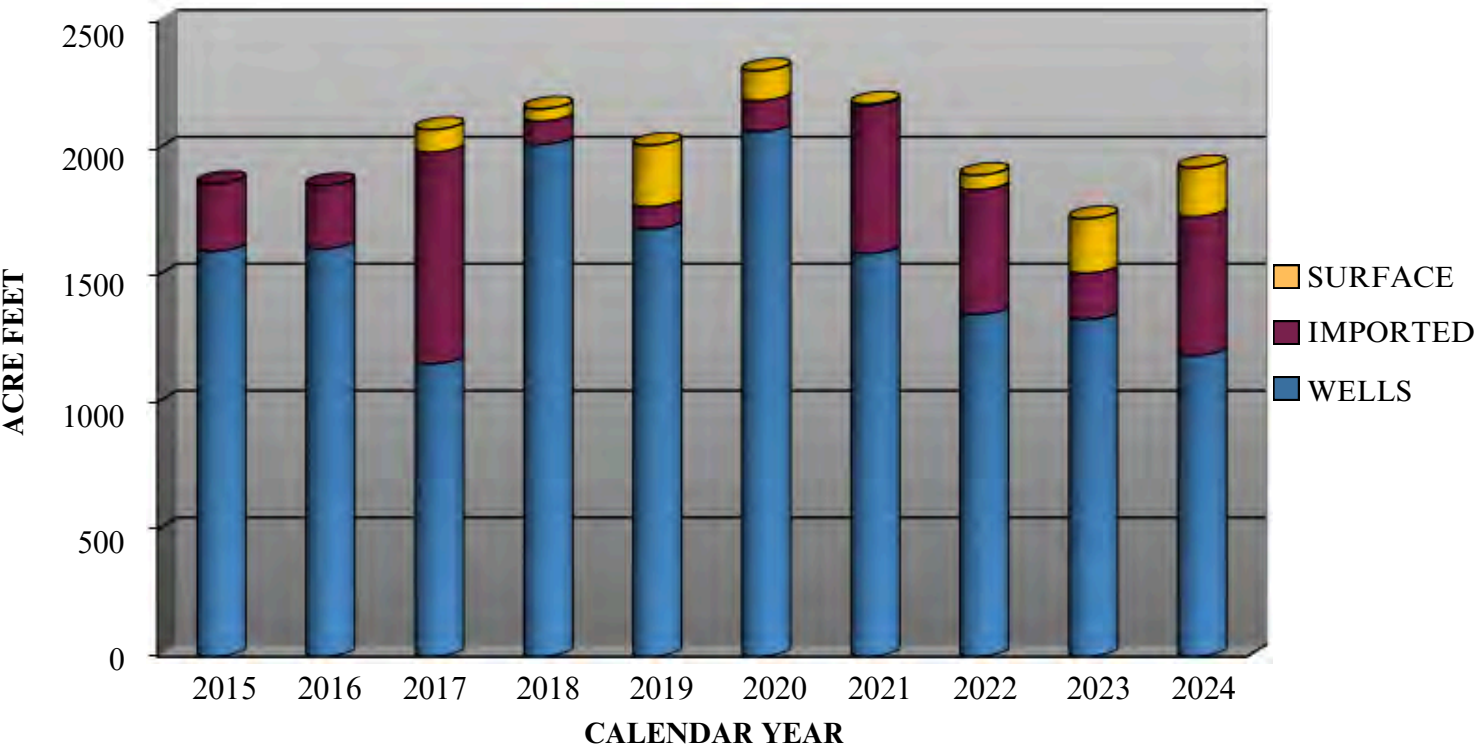
# ANNUAL PRODUCTION IN ACRE FEET 2015-2024

CALENDAR YEAR	WELL #3	WELL #5	WELL #6	SURFACE	IMPORTED	TOTAL PRODUCTION	LESS LEASE WATER DELIVERY	ACTUAL PRODUCTION (LINCOLN)	RAINFALL (INCHES)
2024	0.90	54.13	1184.57	191.89	547.08	1978.57	47.30	1931.27	20.47
2023	0.58	282.29	1045.37	214.95	182.52	1725.71	0	1615.21	40.99
2022	0	651.14	697.00	57.09	491.40	1896.63	0	1896.63	18.18
2021	0.14	238.84	1349.50	4.97	583.87	2177.14	0	2177.14	23.82
2020	0.04	40.18	2028.31	117.66	121.73	2307.92	119.76	2188.16	15.00
2019	0.27	252.43	1431.90	242.43	87.51	2014.54	0	2014.54	36.16
2018	13.10	85.00	1919.72	48.23	91.55	2157.61	0	2157.61	15.99
2017	297.50	175.19	681.60	89.49	832.43	2076.21	0	2076.21	19.47
2016	597.73	1008.99		0	249.26	1855.98	0	1855.98	18.60
2015	599.02	998.41		0	266.71	1864.14	0	1864.14	10.22

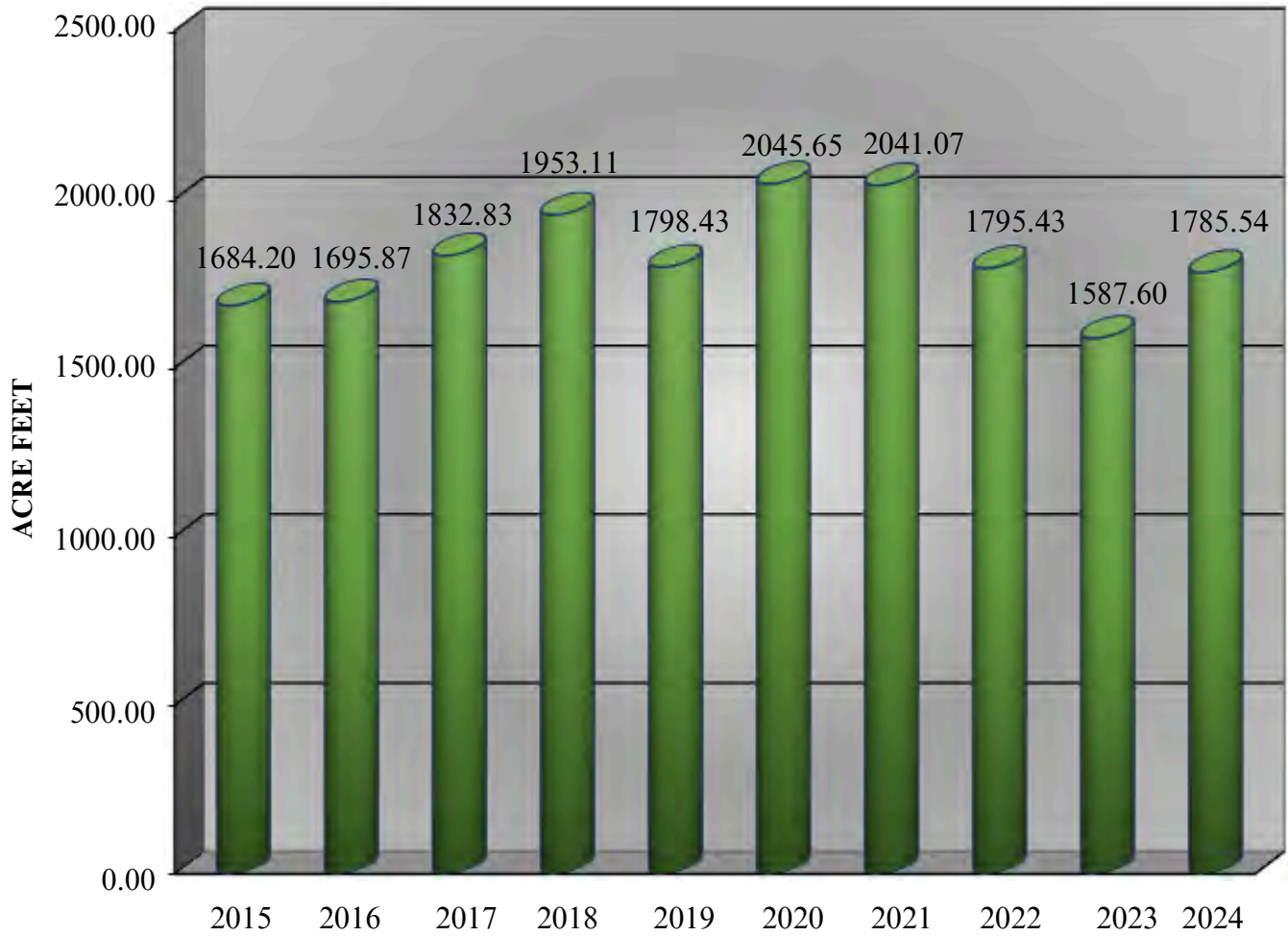
**ANNUAL PRODUCTION BY SOURCE - SURFACE, WELLS & IMPORTED**



**TOTAL ANNUAL PRODUCTION - SURFACE, WELLS & IMPORTED**



**ANNUAL WATER SALES IN ACRE FEET  
2015 - 2024**





## METERS AND SERVICE CONNECTIONS

New Service Connections installed in 2024	6
Meters replaced in 2024	127
Distribution system service connections in 2024	4499
2024 average consumption per meter per day - Residential	310 gal.
2024 average consumption per meter per day - Commercial	1333 gal.
2024 average consumption per capita per day - Residential	88 gal.

## NUMBER OF METERS BY SIZE

5/8"	1417
3/4"	2577
1"	398
1 1/2"	28
2"	70
3"	6
4"	3
<b>TOTAL</b>	<b>4499</b>

## WELL PRODUCTION CAPACITY

Well # 3 (drilled 1924)	900 GPM
Well # 5 (drilled 1971)	1100 GPM
Well #6 (drilled 2016)	2000 GPM

## DISTRIBUTION SYSTEM IN LINEAR FEET

Distribution System	288,323
Pump Lines	18,128
TOTAL	306,451 or 58 miles

## ANNUAL CANYON WATER BASIN RECHARGE IN ACRE FEET

Swigart	210.18
El Prieto	56.62
Millard/La Vina*	695.64
TOTAL	962.43

All canyon water that flows to the spreading basin is metered with an allowable extraction the following year based on Raymond Basin Management Board percolation calculations.

\*Maximum allowable spread credit from Millard/La Vina is 0.65 CFS.

## WATER QUALITY



California State Water Resources Control Board, Division of Drinking Water (DDW) requires Lincoln Avenue Water Company to take distribution system water quality samples which include bacteriological, total trihalomethanes, volatile organic compounds, general physical, general mineral and inorganics, along with other scheduled analyses. Lincoln's system was in compliance with DDW water quality standards at all times during 2024.



## BOARD OF DIRECTORS FOR THE YEAR 2024



### **JOHN CLAIRDAY**

### **PRESIDENT**

John Clairday currently serves as president of Lincoln's Board of Directors. A graduate of the University of Southern California and Loyola Law School, Mr. Clairday retired from the Metropolitan Water District of Southern California where he served as Chief Deputy General Counsel within the legal department, and later, manager of the District's Real Estate Group. In addition to serving as president of Lincoln Avenue's Board, Mr. Clairday has been an active supporter of the San Gabriel Valley Habitat for Humanity, serving on its Board of Directors, and participating in several local and national build projects.



### **ROBERT J. GOMPERZ**

### **VICE PRESIDENT**

Robert J. Gomperz has been a Board member since 1990. He is retired from the Metropolitan Water District of Southern California where he coordinated various communications programs to the public about Metropolitan's programs and policies. Mr. Gomperz has been a public relations professional for more than five decades. He has a degree in Management from the University of Redlands. Prior to joining Metropolitan, he was Pasadena City College's Public Information Director for 12 years. Mr. Gomperz also represented West Altadena for 10 years as a Foothill Municipal Water District director and as a Southern California region director on the Association of California Water Agencies Board.



### **LAWRENCE W. DUNCAN**

### **1st VICE PRESIDENT**

Lawrence W. Duncan is a retired textile industry supervisor and a proud 56-year resident of Altadena. He is entering his 24th year of service on the Lincoln Avenue Board, where he also serves as the Company's Community Liaison Officer. An active member of the Southern California Water Utilities Association for many years, Lawrence was honored with the prestigious Doctor of Water Award in 2019 for his dedication to the industry. Like so many of our neighbors, Lawrence lost his home in the Eaton Fire. He remains deeply committed to helping Altadena rebuild and looks forward to seeing the community come back stronger than ever.



### **DIEGO FERNANDEZ**

### **TREASURER**

Diego Fernandez is an Operating Partner with the El Cholo Restaurant Management Group LLC. He began working for El Cholo at the age of 18 and, through his dedication and leadership, was promoted to General Manager in 1994. In 2000, he became an Operating Partner and has since been instrumental in the opening of El Cholo Pasadena, Rose City Catering, and Hart Pony Baseball & Softball. Diego brings a broad range of business and management experience to Lincoln Avenue, where he has served on the Board since 2014. Honored to be an Altadena resident for the past 20 years, Diego shares in the community's loss, having lost his home in the Eaton Fire. He remains committed to rebuilding and supporting the recovery of the neighborhood he calls home.



### **VICKIE THOMPSON**

### **ASSISTANT SECRETARY**

Vickie Thompson graduated from Humboldt State College and devoted 40 years of her career to the City of Hope – Beckman Research Institute in Duarte. She began as a Research Associate, later managed the Research Storeroom, and retired as the Manager of Purchasing. A longtime Altadena resident since 1993, Vickie shares the heartbreak of so many in our community, having lost her home in the Eaton Fire. She looks forward to rebuilding and once again enjoying peaceful walks in the nearby foothills with her husband. Vickie joined the Board in November 2020 and brings both her professional expertise and her deep commitment to community resilience to her role.

LINCOLN AVENUE  
**OFFICE STAFF**  
WATER COMPANY



**Taijha Capellan**  
Office Supervisor  
and Bookkeeper

**Years of Service**  
**3**



**Wendy Childs**  
Customer Service Representative  
and Water Stock Clerk

**Years of Service**  
**17**



**Jesus Bugarin**  
Customer Service Representative  
and Administrative Assistant

**Years of Service**  
**14**



**Adrian Felix**  
Water Quality Coordinator  
and Administrative Assistant

**Years of Service**  
**2**

LINCOLN AVENUE  
**FIELD STAFF**  
WATER COMPANY



**Name - Title - Years of Service**

**Back Row:**

**Jeremy Rogers - Water System Operator - 7 years**

**John Earnest - Water System Operator - 5 years**

**Michael Cotter - Field Supervisor - 21 years**

**Andres Estrada - Water System Operator - 3 years**

**Front Row:**

**Justin LaPoint - Water System Operator - 3 years**

**Dave Castillo - Water System Foreman - 10 years**

**Jack Harms - Senior Operator / Facilities Manager - 24 years**