



L.A. Water Cooperative Annual Meeting

MARCH 27, 2024

Agenda

- ▶ **Welcome & Introduction**
- ▶ **2023 Meeting Minutes**
- ▶ **Financial Report**
- ▶ **Open Board Positions (3)**
- ▶ **System Status**
- ▶ **Objectives for 2024 and Beyond**
- ▶ **Election Results**
- ▶ **Adjourn**

Board Organization

- ▶ Don Wicks President/Chairman
- ▶ Joel Mulkey Vice-President
- ▶ Linda Fountain Secretary
- ▶ David McAdams Treasurer
- ▶ Amber Morgan
- ▶ Lisa Dutz
- ▶ Tom Gunn
- ▶ Ted Leach
- ▶ Terry Wymore

Staff

- ▶ Jason Bayne Operations Manager/DRC
- ▶ Kylie McDermott Business Manager
- ▶ Joan Gilman Administrative Assistant
- ▶ Matt Jackson Water Technician
- ▶ Garrett McCune Water Utility Worker

2023 Financial Overview

	2023	2022
▶ Revenue	\$1,118,010	\$1,068,815
▶ Operating Expenses	\$ 990,774	\$ 860,514
▶ Other Income (Interest, transfers, meter hook ups, PGE claim)	\$ 63,414	\$ 9,044
▶ Net Income (loss)	\$ 190,650	\$ 217,345

2022 & 2023 Income

▶ Income	2023	2022
▶ Water Sales	\$1,089,818	\$1,041,561
▶ Inactive Certificate Fee	\$ 25,800	\$ 22,800
▶ Certificate Transfer Fee	\$ 2,650	\$ 5,850
▶ Investment Income	\$ 42,890	\$ (1,096)
▶ Meter Hook-up Fee & Service Calls	\$ 5,950	\$ 3,100
▶ Repairs Reimbursed	\$ 18	\$ 1,190

2023 Expense

▶ Expenses	2023	2022
▶ Cost of Water	\$ 248,150	\$ 196,703
▶ Maintenance and Repair	\$ 58,987	\$ 64,049
▶ Professional Fees	\$ 53,019	\$ 26,463
▶ Insurance	\$ 31,468	\$ 25,477
▶ Electricity	\$ 80,836	\$ 62,444
▶ Vehicle Expense	\$ 21,950	\$ 18,526
▶ Payroll & Related Exp.	\$ 332,374	\$ 315,997
▶ Depreciation	\$ 114,759	\$ 117,780
▶ Other	<u>\$ 49,231</u>	<u>\$ 33,075</u>
▶ TOTAL Operating Expenses	\$ 990,774	\$ 860,514

Balance Sheet Comparison

	2023	2022
▶ Current Assets	\$ 2,257,276	\$ 2,115,216
▶ Fixed Assets	\$ 2,078,009	\$ 2,032,138
▶ Total Liabilities	\$ 87,273	\$ 118,794
▶ Members Equity	\$ 4,247,872	\$ 4,028,560
▶ Total Liabilities & Equity	\$ 4,335,145	\$ 4,147,354

Certificates 2023

Certificates	Active	Inactive
881	798	83



System Status

- Introduction
- System Overview
- Water Quality
- 2023 Accomplishments
- 2024 Plans



System Overview

- L. A. Water Co-op service area covers approximately 25 square miles of the Chehalem Valley in rural southwestern Washington County and northern Yamhill County.
- The service area ranges in elevation from 180 feet on the valley floor to 1,620 feet on Bald Peak.
- L. A. Water has 16 reservoirs, 15 pump stations and over 60 miles of rural pipeline.
- L. A. Water Co-op delivered 68,248,590 gallons of water to 798 member households in 2023.


Water Source

- L. A. Water Co-op purchases its water from the City of Hillsboro Utilities Commission.
- Hillsboro relies on water stored in Barney Reservoir, Hagg Lake, and Fern Hill Reservoir
- The water is treated at the Joint Water Commission Treatment Plant. And an auxiliary emergency source on the upper Tualatin River. Both plants operate 24 hours per day, 365 days per year.

System area

There are four main system areas you may see discussed in the minutes.

- ▶ Valley Floor – Those served by Withycombe Pump Station
- ▶ Laurelwood – Those served by Salsbery Reservoirs
- ▶ Olson Road – Those served by the Olson Reservoir
- ▶ Bald Peak – Those served by the reservoirs going up Gibson and Albertson Roads, including Gammon and Bald Peak Reservoirs



2022/2023 Water Tests

2024 Water Quality

Water Testing

Daily chlorine residual samples at 2 sites

Two coliform bacteria samples per month

Quarterly Disinfection by-product samples

All water tests passed EPA and Oregon Health Department standards

2022 Sampling Results

Customers served water by the JWC Water Treatment Plant & Cherry Grove SSF Plant

REGULATED SUBSTANCES					JWC Water Treatment Plant		Slow Sand Filter Plant			
Substance	Unit of Measure	Year Sampled	MCL (MRDL)	MCLG (MRDLG)	Amount Detected	Range Low-High	Amount Detected	Range Low-High	Violation	Typical Source
Chlorine	ppm	2022	4	4	1.50	1.10 - 1.50	1.65	0.85 - 1.65	No	Additive controls microbes
Nitrate (as Nitrogen)	ppm	2022	10	10	0.32	0.05 - 0.32	0.15	0.06 - 0.15	No	Agricultural runoff
Barium	ppm	2022	2	2	0.0055	0.0046 - 0.0055	0.0012	0.0011 - 0.0012	No	Erosion of natural deposits

MICROBIOLOGICAL TESTING & TREATMENT CONSIDERATIONS										
Total Organic Carbons	ppm	2022	TT	N/A	1.09	0.54 - 1.09	0.98	0.43 - 0.98	No	Naturally present in environment
Total Organic Carbons	% Removal	2022	TT	N/A	42.1%	29.5 - 58.6%	27.6%	0.0 - 44.9 %	No	Naturally present in environment
Turbidity	NTU	2022	TT	N/A	0.17	0.02 - 0.17	0.15	0.05 - 0.15	No	Soil runoff
Turbidity	Percent	2022	TT	N/A	100%	100%	100%	100%	No	Soil runoff

(Lowest monthly percentage of samples meeting limit of 0.3 NTU for JWC and 1 NTU for SSFP)

OTHER ITEMS OF INTEREST										
Substance	Year	Range (ppm)		Substance	Year	Range (ppm)		Range (ppm)		
Aluminum	2022	ND		Orthophosphate	2022	ND - 0.03		Fluoride:	Hillsboro does not Fluoridate	
Ammonia	2022	ND		Silica	2022	16.0 - 18.5		Hardness:	23.0-38.6 ppm = 1.34-2.25 grains per gallon	
Calcium	2022	5.9 - 10.8		Sodium	2022	6.2 - 14.0		pH:	pH 5.8 - 8.0	
Chloride	2022	4.0 - 7.3		Sulfate	2022	1.4 - 19.8				
Magnesium	2022	2.0 - 3.5		Manganese	2022	ND				
Iron	2022	ND								

During the past year, hundreds of water samples have been taken in order to determine the presence of any biological, inorganic, volatile organic, or synthetic organic contaminants. The table shows only contaminants that were detected and are considered a risk to health if over the Maximum Contaminant Level (MCL). A more detailed list of sampling completed in 2022 is available on the Joint Water Commission website at JWCWater.org.

L.A. Water Cooperative Sampling Results

Substance	Unit of Measure	Year Sampled	MCL (MRDL)	MCLG (MRDLG)	Amount Detected	Range Low-High	Violation	Typical Source
Asbestos	MFL>10pm/L	2019	7	7	ND	ND	No	Decay of asbestos-cement water mains; erosion of natural deposits
Substance	Sites Tested	Unit of Measure	Date Sampled	Action Level	Range Detected	Sites at or above AL	Violation	Typical Source
Copper	10	ppm	Aug 2021	1.3	ND - 0.121	0	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	10	ppm	Aug 2021	0.015	ND - 0.002	0	No	Corrosion of household plumbing systems; erosion of natural deposits

AL: Action Level MCL: Maximum Containment Level MCLG: Maximum Containment Level Goal MFL: Millifibers per liter MRDL: Maximum Residual Disinfectant Level MRDLG: Maximum Residual Disinfectant Level Goal
 ND: Not Detected NTU: Nephelometric Turbidity Units ppb: parts per billion ppm: parts per million TT: Treatment Technique

2023

Accomplishments

PROJECTS

- Completed Rock Quarry Line
- All PRVs maint. & completed
- Replaced 3500' Pipe on Langley
- Installed Mission SCADA at 6 stations
- Installed Diamond maps

Water Loss- On Next Slide

Water Loss Comparison

	2023	2022	2021
▶ Gallons Purchased	107,989,418	94,028,483	104,425,891
▶ Gallon Sold	68,248,590	65,561,425	75,675,440
▶ Gallons Unaccounted For	39,740,828	28,467,058	28,750,451
▶ Percentage of Water Loss	37%	30%	28%



You the MEMBERS

SPOT AND REPORT
TO HELP STOP LEAKS

What to Look for:

Water shooting out of the ground



Water flowing like a stream



Pooling or bubbling



2024 And Beyond

- ▶ **Installing a 260,000-gallon tank on the valley floor and a new pump station at Jordan Reservoir.**
- ▶ **Continue installing Mission SCADA Systems for our Pump houses so we can 24/7 monitor our equipment, adjust as needed, and prevent water outages.**
- ▶ **Installing a new waterline on Gaston Road so we can abandon Asbestos Pipe that runs under the Tualatin River twice. The new line will be a 10" HDPE.**
- ▶ **Jordan, Gammon, and Lambert will be getting a new epoxy coating, and the rest of the tanks will get cleaned.**
- ▶ **Continuing to seek out and repair leaks to minimize water loss.**