

Lead in Drinking Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. L. A. Water Cooperative is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the **Lead Line** at (503) 988-4000 or www.leadline.org, or the **Safe Drinking Water Hotline** at (800) 426-4791 or at <http://www.epa.gov/safewater/lead>.

Frequently asked Questions

Is fluoride added to our water? L. A. Water Cooperative does not treat the water and our supplier, the City of Hillsboro, does not fluoridate its water supply. Check with your dentist to see if supplemental fluoride is recommended for your family.

Is our water hard or soft? No well water is used in our supply, so the water is very soft, about 2-3 grains per gallon.

What is the pH of our drinking water? Normal pH for our drinking water is 7.6 to 7.8

National Primary Drinking Water Regulation Compliance

We will be happy to answer any questions about L. A. Water Cooperative and our water quality. Call Laurie Lago at (503) 662-3899.

Este informe contiene información muy importante sobre su agua beber. Tradúzcalo ó hable con alguien que lo entienda bien.

The data presented in this report is from the most recent testing done in accordance with regulations.

L. A. Water Cooperative

2021 Annual Water Quality Report

Based on Water Quality Data from 2020

L. A. Water Cooperative is committed to providing you with a safe and reliable supply of high-quality drinking water. We are pleased to present this summary of the quality of water provided to you during the past year. This report meets the Federal Safe Drinking Water Act (SDWA) requirements for "Consumer Confidence Reports". It contains information on the source of our water, lists the results of our tests, and contains important information about our water and health. Please read this report carefully and, if you have any questions, call the phone number listed below.

L. A. Water Cooperative

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Website: lawatercoop.org

Your Cooperative

We encourage member participation in our Co-op. The regular monthly Board of Directors' Meeting is held on the fourth Thursday of each month at 6:00 p.m. Members are always welcome to attend.

Our Water

In 2020 L. A. Water Cooperative delivered 71,324,130 gallons of water to 791 member households. Our 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 Cooperative has 15 reservoirs, 15 pump stations and over 60 miles of pipeline.

Water Source

L. A. Water Cooperative purchases all of its water from the City of Hillsboro Utilities Commission. Hillsboro's winter water source is the upper Tualatin River. In summer, the river level drops too low for municipal use, so Hillsboro relies on water stored in Barney Reservoir and Hagg Lake. Hillsboro's water is drawn out of the upper Tualatin River for filtration and treatment at either the Cherry Grove Slow Sand Filter Plant (SSFP) or the Joint Water Commission (JWC) Treatment Plant. Both plants operate 24 hours per day, 365 days per year.

Important Health Information

Some people may be more vulnerable to contaminants in drinking water than is the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* are available from the Safe Drinking Water Hotline (800) 426-4791.

Substances that might be in drinking water

To ensure that tap water is safe to drink, EPA prescribes limits on the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800) 426-4791. The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, stormwater runoff, and residential uses.
- (D) Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems.
- (E) Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

2020 Sampling Results

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

REGULATED SUBSTANCES										
Substance	Unit of Measure	Year Sampled	MCL (MRDL)	MCLG (MRDLG)	JWC Water Treatment Plant Amount Detected	Range Low-High	Slow Sand Filter Plant Amount Detected	Range Low-High	Violation	Typical Source
Chlorine	ppm	2020	4	4	1.81	0.99 - 1.81	1.68	1.04 - 1.68	No	Additive controls microbes
Nitrate (as Nitrogen)	ppm	2020	10	10	0.30	ND - 0.30	0.05	ND - 0.05	No	Agricultural runoff
Barium	ppm	2020	2	2	0.0041	0.0038 - 0.0041	0.001	ND - 0.001	No	Erosion of natural deposits
MICROBIOLOGICAL TESTING & TREATMENT CONSIDERATIONS										
Total Organic Carbons	ppm	2020	TT	N/A	1.10	0.49-1.10	0.81	0.39 - 0.81	No	Naturally present in environment
Total Organic Carbons	Percent Removal	2020	TT	N/A	42%	28.1 - 62.1%	28%	4.9 - 38.5%	No	Naturally present in environment
Turbidity	NTU	2020	TT	N/A	0.32	0.02 - 0.32	0.23	0.051 - 0.23	No	Soil runoff
Turbidity	Percent	2020	TT	N/A	97%	97% - 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	2020	ND		Orthophosphate	2020	ND - 0.01		Fluoride:	Hillsboro does not Fluoridate	
Ammonia	2020	ND - 0.05		Silica	2020	13.8 - 16.4		Hardness:	Hardness: 20.4-24.2 ppm = 1.19-1.41 grains per gallon	
Calcium	2020	5.2 - 8.3		Sodium	2020	6.2 - 10.2		pH:	pH (Normal range): 6.5 - 7.5	
Chloride	2020	3.90 - 5.92		Sulfate	2020	3.3 - 15.2				
Magnesium	2020	1.8 - 2.7		Manganese	2020	ND				
Iron	2020	ND								
<p>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 2020 is available on the Joint Water Commission website at JWCWater.org.</p> <p>Notice of Violation: The Joint Water Commission completed all required water quality sampling and there were no water quality violations in 2020. However, the JWC received two reporting violations, one for Surface Water Treatment Rule (SWTR), chlorine, and turbidity reporting and one for Corrosion Control reporting in September 2020. The violations were due to an operator not providing the sample results to the Oregon Health Authority within the required reporting period. JWC returned to compliance in November 2020, as soon as the error was identified. JWC has increased accountability checks to its reporting system, which should prevent this type of reporting oversight in the future. JWC's water remains safe to drink, and at no time was the public health at risk due to the violation.</p>										
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 desposits		
Substance	Sites Tested	Unit of Measure	Date Sampled	Action Level	MCLG	Range Detected	Sites at or above AL	Violation	Typical Source	
COPPER	10	ppm	July 2018	1.3	1.3	ND - 0.143	0	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
LEAD	10	ppm	July 2018	0.015	0	ND - 0.003	0	No	Corrosion of household plumbing systems; Erosion of natural deposits	