



Dear Valued Patron of Orchard Avenue,

This information about your water quality was gathered during the year 2018. Each year the District is required to provide specific water samples to the governing agencies and must comply with their standards, to provide you with safe drinking water. (Please see information on the back)

In addition to regular monthly and annual samples, in 2018, the District was required to test for Nitrates which is native to the soil. Also tested and passed was the lead and copper samples. Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk.

Orchard Avenue Irrigation District No. 6

meets the guidelines that govern our operations. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity.

Your water comes from two underground wells and is pumped directly from the well, through mains to the customer's tap. This method of collecting and serving water may be considered the most protective. The water is naturally purified by passing through underground rock beds and is subject to more natural elements than if it were exposed to the above ground environment. Therefore it is always important to protect our groundwater.

Contaminants that may be present in source water before it is treated, include:

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

It is important to remember some people may be more vulnerable to contaminants in drinking water than the general population. Persons with compromised immune systems, such as:

- persons undergoing chemotherapy
- persons who have undergone organ transplants
- some 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* and other microbial contaminants are available from the [Safe Drinking Water Hotline \(800-426-4791\)](http://www.epa.gov/safewater).

Every day the District Manager works toward providing safe drinking water to our customers and will continue to make it our highest priority. Regular meetings of the Board are on the third Tuesday each month at 6:00 pm at the District Office, 8101 E. Buckeye Avenue. Call 926-4563 for questions.

Safe Drinking Water Hotline (800-426-4791)
www.epa.gov/safewater

Orchard Avenue Irrigation-8101 East Buckeye Avenue
 Annual Drinking Water Quality Report January 1 to December 31 2018
 Mandatory Health-Related Standards Are Established by the Washington State Department of Health

Parameter	Measure	Level (MCL)	MCL Goal	Highest Detected Level Pumping Stations Well 1	Well 2	Likely Source of Contamination	Violation
MICROBIOLOGY							
60 Tests were taken during this reporting period							
Total Coliform Bacteria		0	0	No Constituents Detected		None Detected	No
Fecal Coliform and E. Coli		0	0	No Constituents Detected			No
INORGANIC CHEMICALS (NOI)							
22 Inorganic Chemicals have been tested for, including							
ARSENIC	ppm	5	5	Date: 07/24/18 0.0052	Date: 07/24/18 0.0041	Erosion of natural deposits; Runoff from fertilizer use;	None
NITRATES	ppm	10	10	Date: 07/24/18 2.31	Date: 07/24/18 2.05	Leaching from septic tanks, sewage;	None
SYNTHETIC ORGANIC CHEMICALS							
Action levels NOT exceeded							
Herbicides/Pesticides							
Action levels NOT exceeded							
VOLATILE ORGANIC COMPOUNDS							
60 Volatile Organic Chemicals have been tested for							
<i>Orchard Avenue Irrigation has obtained a waiver</i>							
20 LEAD & COPPER Regulated at the Customer's Tap							
Action levels NOT exceeded							

Orchard Avenue Irrigation
 has been providing
 quality water
 since June 1920

Contact Person:
 Manager Mike Klein, Sr.
 8101 E. Avenue
 Spokane WA 99212
 Ph: 926-4653

ORCHARD AVE IRRIGATION
 8101 E. Avenue
 Spokane WA 99212
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Terms and Abbreviations:
 n/a: not applicable
 n/d: not detectable
 ppb: parts per billion or micrograms per liter
 ppm: parts per million or milligrams per liter
 psi: pressure per inch (measure of residual)
 psfi: pressure per liter (measure of residual)

Action Level or AL:
 The concentration of a contaminant which, when
 exceeded, requires treatment or other requirements
 which a water system must follow.

Maximum Contaminant Level or MCL:
 The highest level of a contaminant that is allowed in
 drinking water. MCLs are set as close to the MCLGs
 as feasible using the best available treatment
 technology.

Maximum Contaminant Level Goal or MCLG:
 The level of a contaminant in drinking water below
 which there is no known or expected risk to health.
 MCLGs allow for a margin of safety.

Corrosion of household plumbing system
 None

Violation
 None

We are proud that your drinking water meets or exceeds
 all Federal and State requirements and although we have
 learned through our monitoring and testing that some
 constituents have been detected, the EPA has determined
 your water IS SAFE at these levels.