

**Orchard Avenue Irrigation-8101 East Buckeye Avenue
Annual Drinking Water Quality Report January 1 to December 31 2021
Mandatory Health-Related Standards Are Established by the Washington State Department of Health**

Parameter	Measure	Level (MCL)	MCL Goal	Highest Detected Level Pumpout Station Well 1	Highest Detected Level Pumpout Station Well 2	Likely Source of Contamination	Violation
MICROBIOLOGY							
62 Tests were taken during this reporting period							
Total Coliform Bacteria		0	0	No Constituents Detected	No Constituents Detected	None Detected	No
Fecal Coliform and E. Coli		0	0	No Constituents Detected	No Constituents Detected	None Detected	No
INORGANIC CHEMICALS (MCL)							
Inorganic Chemicals have been tested for, including							
				Date: 07/23/19	Date: 07/23/19		None
ARSENIC	ppm	5	5	0.005	N/A	Excess of mineral deposits, Runoff from fertilizers, run, Leaching from septic tanks, sewage;	None
NITRATES	ppm	10	10	Date: 08/18/20	Date: 08/18/20		None
SYNTHETIC ORGANIC CHEMICALS Action levels NOT exceeded							
Herbicides/Pesticides Action levels NOT exceeded							
VOLATILE ORGANIC COMPOUNDS Action levels NOT exceeded							
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							

Terms and Abbreviations:

- n/a*: not applicable
- nd*: not detectable
- ppb*: parts per billion or micrograms per liter
- ppm*: parts per million or milligrams per liter
- Action Level or AL**: The concentration of a contaminant, when exceeded, triggers 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.

MCLs are set at very stringent levels. To understand the possible health effects described from the many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

As you can see by the table, our system had NO violations above the allowed (MCLs) Maximum Contaminant Levels.

We are proud that your drinking water meets or exceeds all Federal and State requirements. 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.

ORCHARD AVE IRRIGATION
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Orchard Avenue Irrigation
has been providing
pristine water
since June 1920

Contact Person: