

# GARDNERVILLE WATER COMPANY

## Water Quality Report – 2024 Covering Calendar Year – 2023

Microbiological	Result	MCL	MCLG	Typical Source
COLIFORM (TCR)	No Detection	Treatment Technique Trigger	0	Naturally present in the environment

Lead and Copper	Date	90 <sup>th</sup> Percentile	Unit	AL	Sites Over AL	Typical Source	
COPPER	2022 - 2025	0.4000	0 - 0.049	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives.
LEAD	2022 - 2025	0.0030	0 - 0.0064	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits.

Regulated Contaminants	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
ARSENIC	04/04/2022	0.023	0-0.023	mg/l	10	0	Erosion of natural deposits; Runoff from orchards, glass and electronics and production waste.
BARIUM	04/09/2019	0.21	0.081 - 0.21	mg/l	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
NITRATE	03/20/2023	3.4	1.7 - 3.4	mg/l	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

Radionuclides	Collection Date	Highest Value	Range	Unit	MCL	MCLG	Typical Source
COMBINED RADIUM (-226 & -228)	04/05/2016	1	0 - 1	pCi/L	5	0	Erosion of natural deposits
COMBINED URANIUM	04/09/2019	11	1 - 11	µg/L	30	0	Erosion of natural deposits
GROSS ALPHA, INCL. RADON & U	04/05/2016	11.8	0.7 - 11.8	pCi/L	15	0	Decay of natural and man-made deposits

Secondary Contaminants	Collection Date	Highest Value	Range	Unit	SMCL	MCLG
ALUMINUM	04/04/2022	.21	0-0.21	MG/L	0.2	
CHLORIDE	04/04/2022	12	5.6 - 12	MG/L	400	
IRON	04/04/2022	0.54	0 - 0.54	MG/L	0.6	
MAGNESIUM	04/04/2022	21	7.9 - 21	MG/L	150	
PH	04/04/2022	7.94	7.45 - 7.94	PH	8.5	
SODIUM	04/04/2022	27	16 - 27	MG/L	200	
SULFATE	04/04/2022	33	20 - 33	MG/L	500	SULFATE
TDS	04/04/2022	310	130 - 310	MG/L	1000	
TEMPERATURE (CENTIGRADE)	04/04/2022	21	20 - 21	C		
ZINC	04/04/2022	0.022	0-0.022	MG/L	5	