Mission Springs Water District

Tap water must meet all EPA and State drinking water health standards. Below are the only contaminants detected in the water supply.

Microbiological Contaminants	MCL	PHG MCLG	MSWD Water	Sample Date	Typical Source of Contaminant
Total Coliform Bacteria Number	>1	0	0	26 samples monthly	Naturally present in the environment
Fecal Coliform and E. Coli	>1	0	0	As required	Human and animal fecal waste

Inorganic Chemicals	MCL	PHG MCLG	MSWD Water Avg	Range of Detection	Sample Date	Typical Source of Contaminant
Chromium (ppb)	50	2.5	26	14-39	3/99	Erosion of natural deposits
Fluoride (ppm)	1.6	1	0.73	0.54-0.88	3/99	Erosion of natural deposits
Nitrate (as NO_3)	45	45	3.9	<2.0-7.4	3/00	Erosion of natural deposits
Nitrate + Nitrate (as N) (ppm)	10	1	0.9	<0.4-1.7	3/00	Erosion of natural deposits

Lead	AL	PHG MCLG	MSWD Water	Number of Sites Found Above AL	Sample Date	Typical Source of Contaminant
Lead (ppb)	15		<5	0	7/99	Corrosion of household plumbing systems

Copper	AL	MCLG	MSWD Water	Number of Sites Found Above AL	Sample Date	Typical Source of Contaminant
Copper (ppm)	1.3		0.17	0	7/99	Corrosion of household plumbing systems

Constituent	Secondary MCL	PHG MCLG	MSWD Water Avg	Range of Detection	Sample Date	Typical Source of Contaminant
Odor-Threshold (units)	3	None	1	1	3/99	Naturally occurring organic material
Turbidity (ntu units)	5	n/a	0.1	0.1	3/99	Sand and soil from pumping
Total Disolved Solids (ppm)	1,000	None	428	310-535	3/99	Leaching from natural deposits
Specific Conductance (µmhos)	1,600	None	686	510-840	3/99	Substance that forms ions when in water
Chloride (ppm)	500	None	22	13-38	3/99	Leaching from natural deposits
Sulfate (ppm)	500	None	173	77-235	3/99	Leaching from natural deposits
Sodium (ppm)	NS	None	65	46-89	3/99	Leaching from natural deposits
Hardness (ppm)	NS	None	203	110-283	3/99	Leaching from natural deposits

Radioactivity	MCL	PHG MCLG	MSWD Water Avg	Range of Detection	Sample Date	Typical Source of Contaminant
Gross Alpha (Pci\L)	15	0	8.3	5.0-12.6	3/99-1/00	Erosion of natural deposits
*Radon 222 (pCi\L)	NS	None	299	249-402	3/99-1/00	Erosion of natural deposits
Uranium (pCi\L)	20	0	17.2	15.5-18.8	3/99-1/00	Erosion of natural deposits

Key Terms Used Above

MCL Maximum Contaminant Level
AL = Regulatory Action Level
MSWD = Mission Springs Water District
MCLG = Maximum Contaminant Level Goal
PHG = Public Health Goal
NTU = Nephelometric Turbidity Units
ppm = parts per million

ND = Not Detected
< = less than
µmhos = Conductivity is customarily reported in micromhos per centimeter
Average= average of MSWD producing wells

pCi\L = Pico Curries per Liter
ppb = parts per billion
NS = No Standard