

Carnhope Irrigation District #7
2023 Annual Drinking Water Quality Report
Mandatory Health-Related Standards Are Established by the Washington State Department of Health

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level		Likely Source of Contamination
				Source	(Ground Water)	
Microbiology						
28 Tests were taken during this reporting period						
Total Coliform Bacteria					1	Detection
Fecal Coliform and E. Coli						No Detections
Inorganic Chemicals						
Nitrate	mg/l	10	10		1.04	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
						Sample Taken 8/8/23
						Next sample due 08/24
Gross alpha	pCi/L	15	15	- 3.00 +/-	7.64	Naturally occurring in soil
Radium 228	pCi/L	5	5	- 0.186 +/-	0.371	Naturally occurring in soil
						Sample Taken 12/08/2016
						next sample October 2025
Complete Inorganic (IOC)						Sample Taken 10/18/22
Volatile Organics (VOC)						Samples Taken 12/08/16
Herbicides						next sample October 2025
Pesticide						next sample date October 2025
PFAS						Per- and polyfluoroalkyl substances (PFAS) are a family of chemicals used since the 1950s .
Perfluorobutanesulfonic	PFBS/ug/l					No Detection
Perfluoroheptanoic acid	PFHPa/ug/l					No Detection
Perfluorooctanesulfonic acid	PFOS/ug/l					No Detections
Perfluorooctanoic acid	PFOA/ug/l					No Detections
Perfluorodecane sulfonic acid	PFDS/ug/l					No Detections
Perfluorododecane sulfonic acid	PFDDA/ug/l					No Detections
Perfluorooctanoic acid	PFOA/ug/l					No Detections
Lead		0.015				No Detections above MCL
Copper		1.3				No Detections above MCL

As you can see by the table, our system had no violations above the allowed Maximum Contaminant Levels. We're proud that your drinking water meets or exceeds all Federal and State requirements.

REDUCE DOMESTIC WATER USE BY 3% OVER THE NEXT 6 YEARS. THIS WILL CONSERVE WATER AND PREVENTS WASTE!!!

Abbreviations
ND= Not Detected
ppm = parts per million
ppb = parts per billion
pCi/L = picocuries per liter (a measure of radioactivity)
AL = Action Level
concentrations of a constituent which, if exceeded, triggers treatment or other requirements
mg/L = milligrams per liter

Notes

Maximum Contaminant Level or MCL:The highest level of a contaminant that is allowed in drinking water.

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.

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Federal Action Level:The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not 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)

Some People may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemo-therapy, 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 risk of infection to *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791)

From Your Water Utility
Carnhope Irrigation District #7
4613 E. Third Ave.
Spokane, WA 99212
Phone 509-536-9180

E-mail: carnhope7@comcast.net
Contact Person: Terry Squibb
Superintendent
Regular Scheduled Board Meetings are held the first Tuesday of every month at 7:00 P.M.