

**Carnhope Irrigation District #7  
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)	
<b>Microbiology</b>						
24 Tests were taken during this reporting period						
Total Coliform Bacteria				0	Detection	
Fecal Coliform and E. Coli				No	Detections	
<b>Inorganic Chemicals</b>						
Nitrate	mg/l	10	10	1.14		Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
					Sample Taken 8/6/24	Next sample due 08/25
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
Complete Inorganic (IOC)					Sample Taken 12/08/2016	next sample October 2025
Volatile Organics (VOC)					Sample Taken 10/18/22	
Herbicides					Samples Taken 12/08/16	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 . to manufacture stain-resistant, water-resistant, and non-stick products.
Perfluorobutanesulfonic	PFBS/ug/l				No Detection	PFAS are widely used in common consumer products as coatings, on food packaging, outdoor clothing, carpets, leather goods, ski and snowboard waxes, and
Perfluoroheptanoic acid	PFHpA/ug/l				No Detection	Certain types of firefighting foam—historically used by the U.S. military, local fire departments, and airports—may contain PFAS.
Perfluorhexanesulfonic acid	PFHxS/ug/l				No Detection	Samples taken 9/13/18, next sample August 2024
Perfluorononanoic acid	PFNA/ug/l				No Detection	
Perfluorooctanesulfonic acid	PFOS/ug/l				No Detections	
Perfluorooctanoic acid	PFOA/ug/l				No Detections	
Lead		0.015			No Detections above MCL	10 samples taken 9/13/23 next sample Sept-26
Copper		1.3			No Detections above MCL	10 samples taken 9/13/23 next sample Sept-26

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  
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 Spokane, WA 99212  
 Phone 509-536-9180

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