

Carnhope Irrigation District #7
2022 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)			
				2	4		
Microbiology							
26 Tests were taken during this reporting period							
Total Coliform Bactria				No Detections		Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present.	
Fecal Coliform and E. Coli				No Detections			
Inorganic Chemicals							
Nitrate	mg/l	10	10	1.34		Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
				Sample Taken 8/15/22		Next sample due 08/23	
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	
				Samples Taken 12/07/22			
Lead and Copper				Sample Taken 09/24/20		next sample Sept 2023	
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 August 2024	
PFAS						Per- and polyfluoroalkyl substances (PFAS) are a family of chemicals used since the 1950s .	
Perfluorobutanesulfonic	PFBS/ug/l				No Detection	to manufacture stain-resistant, water-resistant, and non-stick products.	
Perfluoroheptanoic acid	PFHpA/ug/l				No Detection	PFAS are widely used in common consumer products as coatings, on food packaging,	
Perfluorexanesulfonic Acid	PFHxS/ug/l				No Detection	outdoor clothing, carpets, leather goods, ski and snowboard waxes, and	
Perfluorononanoic acid	PFNA/ug/l			No Detection		Certain types of firefighting foam—historically used by the U.S. military, local fire	
Perfluorooctanesulfonic acid	PFOS/ug/l				No Detections	departments and airports—may contain PFAS	
Perfluorooctanoic acid	PFOA/ug/l				No Detections	Samples taken 9/13/18	
Lead		0.015		No Detections above MCL		10 samples taken 9/24/20	
Copper		1.3		No Detections above MCL		10 samples taken 9/24/20	

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 DOMESTICE 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 Monday of every month at 7:00 P.M.