

**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					
								4	
Microbiology									
29 Tests were taken during this reporting period									
Total Coliform Bacteria								One Detection	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Coliforms were found in more samples than allowed and this is a warning of potential problems. Re-testing found that the bad test was caused by a contaminated sample point, not the water.
Fecal Coliform and E. Coli								One Detection	
Inorganic Chemicals									
Nitrate	mg/l	10	10					1.38	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
								Samples Taken 8/9/19	
PFAS									
Perfluorobutanesulfonic	PFBS/ug/l							No Detection	Per- and polyfluoroalkyl substances (PFAS) are a family of chemicals used since the 1950s . to manufacture stain-resistant, water-resistant, and non-stick products.
Perfluoroheptanoic acid	PFHpA/ug/l							No Detection	
Perfluorhexanesulfonic Acid	PFHxS/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
Perfluorononanoic acid	PFNA/ug/l							No Detection	Certain types of firefighting foam—historically used by the U.S. military, local fire departments and airports—may contain PFAS
Perfluorooctanesulfonic acid	PFOS/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.

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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
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Contact Person: Terry Squibb
Superintendent
Regular Scheduled Board Meetings are held
the first Monday of every month at 7:00 P.M.