LAKE CHELAN RECLAMATION DISTRICT
Department of Health ID# 43783U
2020 Drinking Water Quality Report

We are pleased to present to you our Annual Water Quality Report for 2020. This report is designed to inform you about the water quality and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually maintain the quality of our water treatment process and protect our amazing water source, Lake Chelan.

This report explains the quality of our water and what it means. If you have any questions about this report or concerning your water utility, please contact our office at 509-687-3548. We want you to be informed about your water provider. If you want to learn more, you are welcome to attend any of our regularly scheduled Board meetings. District Board meetings are normally held on the second Tuesday of each month at 8:00 a.m. in our main office at 80 Wapato Way. Our Board members are President David Clark, Vice President Todd Jeffries, and Board of Directors Paul Mogan, Chad Steiner, and Carl "Cappy" Peterson.

In order to ensure that tap water is safe to drink, the EPA prescribes limits on the amount of certain contaminants in water provided by public water systems. We are under the same guidelines that the FDA uses to regulate bottled drinking water. All drinking water both bottled and tap, may reasonably be expected to contain at least minute amounts of some contaminates. Our drinking water has never been close to meeting the MCL (maximum contaminate level) for any of these contaminants. 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.

We monitor our water quality every hour that our treatment plant is in operation, as well as every day out in the distribution system. As required by law, we utilize a small amount of chlorine in our water to be assured disinfection is achieved everywhere in our system. The maximum allowable level for free chlorine (chlorine available to disinfect) is 4.0 milligrams per liter. Our distribution system maintains a level ranging from .6 to .9 mg/l. Part of our required testing regimen is to sample our water and test for coliforms or harmful bacteria. We sample our treated water weekly and our source every month and have had no violations. Annually we test for harmful byproducts related to the disinfection process. Again, because our source is so clean and stable, we never achieve levels anywhere near the maximum allowed. We test every 3 years for lead and copper and 2022 will be the next year.

Here are our test results:

2020 TEST RESULTS					
CONTAMINATE	VIOLATION Y/N	LEVEL DETECTED	UNIT OF MEASURE	MCL	LIKELY SOURCE OF CONTAMINATION
Turbidity (particles in water)	N	.02	NTU (turbidity units)	.30	Soil runoff
Coliform (bacteria)	N	0	parts per millileter	0	organic matter
Volotile Organic Contaminates	N	0	parts per billion	80	Bi-product of chlorination
Total Trihalomethanes	N	16.7	parts per billion	80	Bi-product of chlorination
Halo-acetic acids	N	10.9	parts per billion	60	Bi-product of chlorination
Nitrates	N	<.07	parts per millileter	5.0	Soil runoff
Lead	N	.002	parts per million	trigger level .015	corrosive water lead piping
Copper	N	.702	parts per million	trigger level 1.3	corrosive water copper piping

The column labeled "MCL" is the maximum contaminate level allowed by the Department of Health. You will notice that the levels we've detected in our water fall way below that maximum. Here's a brief description of each contaminate, how or why it might occur in our water and how we test for it.

Turbidity is simply a measurement of the clarity of water. It's a tool we can use to help us determine how much filtration we need to employ to remove contaminates. Coliform bacteria are harmful bacteria that can result from the presence of organic matter in the water. Volatile organic contaminates, total trihalomethanes, and halo-acetic acids are bi-products of chlorination. Total organic carbon is simply a measurement of organic carbon. Again, because our source water is such high quality we are able to enjoy an exceptional low occurrence of these contaminates.

The most common cause of complaints about water quality from a public water system is taste and odor. The vast majority of these complaints are not the result of contamination and are easily resolved. If you notice any change in your drinking water, please let us know right away. Here at the District, we work around the clock to provide the best quality drinking water at every tap. Please feel free to contact us if you have any questions regarding the quality of our water and the methods we use to monitor that quality. You are welcome to visit our webpage at www.lcrd.org or call our office at 509-687-3548.