

WATER QUALITY DATA 2020

The Timberlake Water Department tests for more than 80 drinking water contaminants as required by the Environmental Protection Agency and the Washington State Department of Health (DOH). The DOH requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Most of the data, though representative of the water quality, is from tests taken during the 2020 calendar year unless otherwise noted. Only those contaminants that have been detected are listed in the table. Complete copies of all contaminants that are tested for are posted in the MPC and available upon request.

EPA Lead Statement: *If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Timberlake Community Club, Inc. is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using your water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the SAFE DRINKING WATER HOT LINE or online at*

<http://www.epa.gov/safewater/lead>.

Timberlake Community Club is required to test for **Lead and Copper** every three years. Ten (10) lead and copper samples were taken in 2019 at various residential locations in the community. All the samples tested and reported were below the **Action Level of 1.3 mg/l copper and 0.015 mg/l lead**. The results of the tests were sent to all participating Timberlake Members as required.

Timberlake Community Club started the Disinfection Byproducts **Stage 2** testing requirements in 2014. Timberlake is now required to take two (2) samples annually.

Disinfection Byproducts based on the last EPA required test

Sample site # 1

Contaminants	MCL	MCLG	Timberlake Water	Sample Date	Violation Y/N	Typical Source of Contamination
Haloacetic Acids (HAA's)						Byproduct of drinking water disinfection
❖ Monochloroacetic Acid (PPB)	*	2.0	ND	08/06/20	N	
❖ Monobromoacetic Acid (ppb)	*	1.0	ND	08/06/20	N	
❖ Dichloroacetic Acid (ppb)	*	1.0	ND	08/06/20	N	
❖ Dibromoacetic Acid (ppb)	*	1.0	1.9	08/06/20	N	
❖ Trichloroacetic Acid (ppb)	*	1.0	13.3	08/06/20	N	
• Total HAA's	60	6.0	15.2	08/06/20	N	
Trihalomethanes (THHM)						Byproduct of drinking water disinfection
❖ Chloroform (ppb)	*	0.25	32.6	08/06/20	N	
❖ Bromodichloromethane (ppb)	*	0.5	1.6	08/06/20	N	
❖ Dibromochloromethane (ppb)	*	0.5	ND	08/06/20	N	
❖ Bromoform (ppb)	*	0.5	ND	08/06/20	N	
**Total THHM/s (ppb)	80	.40	34.2	08/06/20	N	

Disinfection Byproducts based on the last EPA required test

Sample site # 2

Contaminants	MCL	MCLG	Timberlake Water	Sample Date	Violation Y/N	Typical Source of Contamination
Haloacetic Acids (HAA's)						Byproduct of drinking water disinfection
❖ Monochloroacetic Acid (PPB)	*	2.0	ND	08/06/20	N	
❖ Monobromoacetic Acid (ppb)	*	1.0	ND	08/06/20	N	
❖ Dichloroacetic Acid (ppb)	*	1.0	ND	08/06/20	N	
❖ Dibromoacetic Acid (ppb)	*	1.0	ND	08/06/20	N	
❖ Trichloroacetic Acid (ppb)	*	1.0	1.6	08/06/20	N	
• Total HAA's	60	6.0	1.6	08/06/20	N	
Trihalomethanes (THHM)						Byproduct of drinking water disinfection
❖ Chloroform (ppb)		0.25	32.5	08/06/20	N	
❖ Bromodichloromethane (ppb)	*	0.5	2.4	08/06/20	N	
❖ Dibromochloromethane (ppb)	*	0.5	ND	08/06/20	N	
❖ Bromoform (ppb)		0.5	ND	08/06/20	N	
**Total THHM/s (ppb)	80	.40	34.9	08/06/20	N	

*Potential health effects of HAA's from ingestion of Water: Increased risk of cancer.

**Potential Health Effects of TTHM's from Ingestion of Water: Liver, kidney or central nervous system problems; increased risk of cancer

Complete Timberlake Water System Data is available by entering system ID number 88370 at:

<http://www4.doh.wa.gov/SentryInternet/FindWaterSystem.aspx>

For more information: Division of Drinking Water: <http://www.doh.wa.gov/ehp/dw>

EPA Arsenic Information: <http://www.epa.gov/OGWDW/arsenic.html>

Agency for Toxic Substances and Disease Registry (U.S. Centers for Disease Control and Prevention): <http://www.atsdr.cdc.gov/tfacts2.html>