

**WaterPro, Inc.**  
**Water Quality Report 2017**

The table below lists all of the drinking water contaminants detected by WaterPro, Inc. or its suppliers during the calendar year of this report. The presence of these parameters in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of this report. For certain parameters, EPA and/or the State requires monitoring at a frequency less than once per year because the concentrations do not change frequently.

Parameter	Units	2017 Avg.	2017 Max.	2017 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source
					MCL	MCLG	Violation		
<b>PRIMARY INORGANICS</b>									
Antimony	ug/L	ND	ND	ND	6.00	6.00	No	2017	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder.
Arsenic	ug/L	1.83	3	ND	10.0	0.0	No	2017	Erosion of naturally occurring deposits and runoff from orchards.
Asbestos	MFL	0.0	ND	ND	7.0	7.0	No	2014	Decay of asbestos cement in water mains; erosion of natural deposits.
Barium	ug/L	60.26	69.3	51	2000	2000	No	2017	Erosion of naturally occurring deposits.
Beryllium	ug/L	ND	ND	ND	4	4	No	2017	Discharge from metal refineries and coal burning factories.
Cadmium	ug/L	ND	ND	ND	5.00	5.00	No	2017	Corrosion of galvanized pipes; erosion of natural deposits.
Copper	ug/L	44.6	444	ND	NE	NE	No	2017	Erosion of naturally occurring deposits.
Chromium	ug/L	ND	393	ND	100.0	100.0	No	2017	Discharge from steel/pulp mills; erosion of natural deposits.
Cyanide, Free	ug/L	ND	ND	ND	200.0	200.0	No	2017	Discharge from steel/metal factories; discharge from plastic and fertilizer factories.
Fluoride	mg/L	0.47	1.37	0.104	4.0	4.0	No	2017	Erosion of naturally occurring deposits and discharges from fertilizers. Fluoride added at source.
Lead	ug/L	1	106	ND	NE	NE	No	2017	Erosion of naturally occurring deposits.
Mercury	ug/L	ND	ND	ND	2.00	2.00	No	2017	Erosion of naturally occurring deposits, runoff from landfills.
Nickel	ug/L	.45	2.23	ND	NE	NE	No	2017	Erosion of naturally occurring deposits.
Nitrate	mg/L	1.02	2.2	0.144	10.0	10.0	No	2017	Runoff from fertilizer, leaching from septic tanks, and naturally occurring organic material.
Nitrite	mg/L	ND	ND	ND	1	1	No	2017	Runoff from fertilizer, leaching from septic tanks, and naturally occurring organic material.
Selenium	ug/L	0.96	3.1	ND	50.0	50.0	No	2017	Erosion of naturally occurring deposits.
Sodium	mg/L	44.2	79.9	11.9	NE	NE	No	2017	Erosion of naturally occurring deposits and runoff from road deicing.
Sulfate	mg/L	54	100	9	1000	NE	No	2017	Erosion of naturally occurring deposits.
Thallium	ug/L	ND	ND	ND	2.0	0.5	No	2017	Leaching from ore-processing sites and discharges from electronics, glass and drug factories.
TDS	mg/L	325	688	40	2000	NE	No	2017	Erosion of naturally occurring deposits.
Turbidity (groundwater sources)	NTU	0.09	0.1	0.08	5.0	NE	No	2017	MCL is 5.0 for groundwater. Suspended material from soil runoff.
Turbidity (surface water sources)	NTU	0.026	0.12	0.012	0.3	TT	No	2017	MCL is 0.3 NTU 95% of the time for surface water. Suspended material from soil runoff.
Lowest Monthly % Meeting TT	%	100% (Treatment Technique requirement applies only to treated surface water sources)							
<b>SECONDARY INORGANICS - Aesthetic Standards</b>									
Aluminum	ug/L	487	10.9	1.92	SS = 50-200	NE	No	2017	Erosion of naturally occurring deposits/treatment residuals.
Chloride	mg/L	62	170	19	SS = 250	NE	No	2017	Erosion of naturally occurring deposits.
Color	CU	0.49	0.49	0.49	SS = 15	NE	No	2016	Decaying naturally occurring organic material and suspended particles.
Iron	ug/L	27	156	ND	SS = 300	NE	No	2017	Erosion of naturally occurring deposits.
Manganese	ug/L	1.25	5	ND	SS = 50	NE	No	2017	Erosion of naturally occurring deposits.
pH		7.75	8.39	6.86	SS = 6.5-8.5	NE	No	2017	Naturally occurring and affected by chemical treatment.
Silver	ug/L	ND	ND	ND	SS = 100	NE	No	2017	Erosion of naturally occurring deposits.
Zinc	ug/L	ND	ND	ND	SS = 5000	NE	No	2017	Erosion of naturally occurring deposits.
<b>UNREGULATED PARAMETERS - monitoring not required</b>									
Alkalinity, Bicarbonate	mg/L	218	288	167	UR	NE	No	2017	Naturally occurring.
Alkalinity, Carbonate	mg/L	ND	ND	ND	UR	NE	No	2017	Naturally occurring.
Alkalinity, CO <sub>2</sub>	mg/L	169	212	131	UR	NE	No	2016	Naturally occurring.
Alkalinity, Hydroxide	mg/L	ND	ND	ND	UR	NE	No	2017	Naturally occurring.
Alkalinity, Total (CaCO <sub>3</sub> )	mg/L	156	236	12	UR	NE	No	2017	Naturally occurring.
Ammonia	mg/L	ND	ND	ND	UR	NE	No	2014	Runoff from fertilizer and naturally occurring.
Bromide	ug/L	ND	ND	ND	UR	NE	No	2017	Naturally occurring.
Calcium	mg/L	70.3	83.5	51.5	UR	NE	No	2017	Erosion of naturally occurring deposits.
Chemical Oxygen Demand	mg/L	11	18	ND	UR	NE	No	2014	Amt. of organic compounds in water. Naturally occurring.
Cobalt	mg/L	ND	ND	ND	UR	NE	No	2015	Erosion of naturally occurring deposits.
Conductance	umhos/cm	611	1120	37,174 999	UR	NE	No	2017	Naturally occurring.
Cyanide, Total	ug/L	ND	ND	ND	UR	NE	No	2017	Discharge from steel/metal factories; discharge from plastic and fertilizer factories.
Geosmin	ng/L	4	9.4	ND	UR	NE	No	2017	Naturally occurring organic compound associated with musty odor.
Hardness, Calcium	mg/L	99	160	10	UR	NE	No	2017	Erosion of naturally occurring deposits.
Hardness, Total	mg/L	225	402	17.9	UR	NE	No	2017	Erosion of naturally occurring deposits.
Magnesium	mg/L	35	47	12.5	UR	NE	No	2017	Erosion of naturally occurring deposits.
Molybdenum	ug/L	1.32	2.06	ND	UR	NE	No	2017	By-product of copper and tungsten mining.
Oil and Grease	mg/L	6	19	ND	UR	NE	No	2016	Petroleum hydrocarbons can either occur from natural underground deposits or from manmade lubricants.
Orthophosphates	ug/L	5.0	20.0	ND	UR	NE	No	2017	Erosion of naturally occurring deposits.
Potassium	mg/L	10	14.0	2.2	UR	NE	No	2017	Erosion of naturally occurring deposits.
TSS (Total Suspended Solids)	mg/L	0.3	1	ND	UR	NE	No	2017	Erosion of naturally occurring deposits.
Turbidity	NTU	0.21	0.43	0.07	UR	NE	No	2016	Suspended material from soil runoff.
Vanadium	ug/L	ND	1.48	ND	UR	NE	No	2017	Naturally occurring.

Parameter	Units	2017 Avg.	2017 Max.	2017 Min.	Monitoring Criteria			Last Sampled	Comments/Likely Source	
<b>VOCs</b>										
Chloroform	ug/L	10.68	27.98	ND	UR	NE	No	2017	By-product of drinking water disinfection.	
Dibromochloromethane	ug/L	0.61	2	ND	UR	NE	No	2017	By-product of drinking water disinfection.	
Bromodichloromethane	ug/L	2.65	6.37	ND	UR	NE	No	2017	By-product of drinking water disinfection.	
All Other Parameters	ug/L	None Detected			Var	Var	No	2017	Various sources.	
<b>PESTICIDES/PCBs/SOCs</b>										
Bis (2ethylhexyl) phthalate	ug/L	0.11	0.68	ND	6.0	0.0	No	2017	Discharge from rubber and chemical factories.	
All Other Parameters	ug/L	None Detected			Var.	Var.	No	2017	Various sources.	
<b>RADIOLOGICAL</b>										
Radium 226	pCi/L	0.26	0.99	0.03	NE	NE	No	2017	Decay of natural and man-made deposits.	
Radium 228	pCi/L	0.89	3.00	0.19	NE	NE	No	2017	Decay of natural and man-made deposits.	
Radium 226 & 228	pCi/L	1.532	3.11	0.44	5.00	NE	No	2017	Decay of natural and man-made deposits.	
Gross-Alpha	pCi/L	2.8	14.0	-1.2	15.0	NE	No	2017	Decay of natural and man-made deposits.	
Gross-Beta	pCi/L	10.2	32.0	1.4	50.0	NE	No	2017	Decay of natural and man-made deposits.	
Uranium	ug/L	1.0	4.1	ND	30.0	NE	No	2017	Decay of natural and man-made deposits.	
Radon	pCi/L	-4.5	-1.0	-8.0	NE	NE	No	2013	Naturally occurring in soil.	
<b>DISINFECTANTS / DISINFECTION BY-PRODUCTS</b>										
Chlorine	mg/L	0.67	1.34	0.02	4.0	NE	No	2017	Drinking water disinfectant.	
TTHMs	ug/L	40.59	87.5	2.21	80.0	NE	No	2017	High result is not a violation, violation is determined on annual location average. By-product of drinking water disinfection.	
HAA5s	ug/L	32.19	61.16	ND	60.0	NE	No	2017	By-product of drinking water disinfection.	
HAA6	ug/L	55.11	65.32	47.25	UR	NE	No	2017	By-product of drinking water disinfection.	
Highest Ann. Loc. Wide Avg.	ug/L	TTHM = 68.8 ug/L, HAA5s = 41.8 ug/L							2017	
Bromate	ug/L	ND	ND	ND	10.0	NE	No	2017	By-product of drinking water disinfection.	
Chlorine Dioxide	ug/L	1.5	35	ND	800	NE	No	2017	Drinking water disinfectant.	
Chlorite	mg/L	0.33	0.61	0.18	1.00	0.80	No	2017	By-product of drinking water disinfection.	
<b>ORGANIC MATERIAL</b>										
Total Organic Carbon	mg/L	1.92	2.43	ND	TT	NE	No	2017	Naturally occurring.	
Dissolved Organic Carbon	mg/L	2.12	2.44	1.83	TT	NE	No	2017	Naturally occurring.	
UV-254	1/cm	0.02	0.052	0.01	UR	NE	No	2017	This is a measure of the concentration of UV-absorbing organic compounds. Naturally occurring.	
<b>LEAD and COPPER (tested at the consumer's tap) - monitoring required every 3 years.</b>										
Lead	ug/L	0.6	2.1	ND	AL = 15	NE	No	2016	Lead violation is determined by the 90th percentile result. Corrosion of household plumbing systems, erosion of naturally occurring deposits.	
Copper	ug/L	72.1	235	3.8	AL = 1300	NE	No	2016	Copper violation is determined by the 90th percentile result. Corrosion of household plumbing systems, erosion of naturally occurring deposits.	
90th Percentile		Lead = 2.1 ppb, Copper = 235 ppb								
# sites above Action Level		Lead = 1, Copper = 0								
<b>PROTOZOA (sampled at source water)</b>										
Cryptosporidium	Oocysts/1L	ND	ND	ND	TT	0.00	No	2017	Parasite that enters lakes and rivers through sewage and animal waste.	
Giardia	Cysts /1L	1.5	7	ND	TT	0.00	No	2017	Parasite that enters lakes and rivers through sewage and animal waste.	
<b>MICROBIOLOGICAL</b>										
HPC	MPN/mL	15	112	ND	500.0	0.0	No	2017	The high maximum result is not a violation because the HPC value is calculated into the Not >5% positive Coliform samples per month. Even with this result the 5% was not exceeded.	
Total Coliform	% Pos. per Month	0.00%	0.0%	0.00%	Not >5%	0.00	No	2017	MCL is for monthly compliance. All repeat samples were negative; no violations were issued. Human and animal fecal waste, naturally occurring in the environment.	

mg/L: milligrams per liter

ug/L: micrograms per liter

pg/L: picograms per liter

ng/L: nanograms per liter

NTU: Nephelometric Turbidity Unit

CU: Color Unit

TON: Threshold Odor Unit

umhos/cm: micro ohms per centimeter

1/cm: One / centimeter

pCi/L: picocuries per liter

MFL: Millions of Fibers per Liter

MPN/mL: most probable number per milliliter

Oocysts/1L: Oocysts per 1 liter

Cysts/1L: Cysts per 1 liter

MCL: Maximum Contaminant Level

MCLG: Maximum Contaminant Level Goal

TTHM: Total Trihalomethanes

HAA5s: Five Haloacetic Acids

HPC: Heterotrophic Plate Count

VOCs: Volatile Organic Compounds

PCBs: Polychlorinated Biphenyls

SOCs: Synthetic Organic Chemicals

ND: None Detected

NA: Not Applicable

NE: Not Established

UR: Unregulated

TT: Treatment Technique

AL: Action Level

SS: Secondary Standard