

Annual Drinking Water Quality Report

Fayson Lake Water Company

For the Year 2018, Results from the Year 2017

We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, 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 the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Our water source: Our water source is wells. Our four wells draw groundwater from glacial deposits. The wells are located by the treatment plant on Boonton Avenue. We can purchase water from the Borough of Kinnelon on an as-needed basis. We did not purchase any water from them in 2017. Kinnelon water is purchased from the Borough of Butler, and originates at the Kakeout reservoir on Bubbling Brook Road in the Borough of Kinnelon. The New Jersey Department of Environmental Protection (NJDEP) has completed and issued Source Water Assessment Reports and Summaries for these public water systems, which are available at WWW.state.nj.us/dep/swap or by contacting NJDEP's Bureau of Safe Drinking Water at (609) 292-5550. You may also contact your public water system at 973-838-6226 to obtain information regarding Fayson Lake Water Company's Source Water Assessment. Fayson Lake Water Company's source water susceptibility ratings and a list of potential contaminant sources is included.

Fayson Lake Water Company Test Results						
PWS ID# NJ1415001						
Contaminant:	Violation Y/N	Level Detected	Units of Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants:						
Barium Test results Yr. 2015	N	0.04	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Copper Test results Yr. 2015 Result at 90 th Percentile	N	0.23 No samples exceeded the action level.	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead Test results Yr. 2015 Result at 90 th Percentile	N	5.3 No samples exceeded the action level	ppb	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen) Test results Yr. 2017	N	0.6	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Thallium Test results Yr. 2015	N	1.1	ppb	0.5	2	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Disinfection Byproducts:						
TTHM Total Trihalomethanes Test results Yr. 2017	N	Range = 10 - 31 Highest detect = 31	ppb	N/A	80	By-product of drinking water disinfection
HAA5 Haloacetic Acids Test results Yr. 2017	N	Range = 1 - 13 Highest detect = 13	ppb	N/A	60	By-product of drinking water disinfection
Radioactive Contaminants:						
Gross Alpha Test results Yr. 2012	N	2.2	pCi/l	0	15	Erosion of natural deposits
Combined Radium 228 & 226 Test results Yr. 2012	N	2.5	pCi/l	0	5	Erosion of natural deposits
Regulated Disinfectants:			Level detected	MRDL		MRDLG
Chlorine Test results Yr. 2017			Average = 0.6 ppm	4 ppm		4 ppm
Secondary Contaminant		Level Detected	Units of Measurement			RUL
Sodium Test results Yr. 2015		52.6	ppm			50

We slightly exceeded the secondary Recommended Upper Limit (RUL) for Sodium. For healthy individuals, the sodium intake from water is not important, because a much greater of sodium takes place from salt in the diet. However, sodium levels above the Recommended Upper Limit (RUL) may be of concern to individuals on a sodium restricted diet.

