

# BEAR TAVERN ELEMENTARY SCHOOL

## 2018 WATER QUALITY REPORT AND TESTING SUMMARY

### **What is a Water Quality Report?**

In January 2000, the New Jersey Department of Environmental Protection (NJDEP) developed new reporting requirements for Non-Community Water Systems (Public Law 1999; Chapter 362). This law requires specific categories of Non-Community Water Systems, including public schools, to report drinking water quality to their occupants.

### **What is a Non-Community Water System?**

Bear Tavern Elementary School obtains drinking water from an on-site well that is 300 feet below ground surface. Water is disinfected or treated (chlorinated) before entering the distribution system. The water distribution system at the school is called a *Non-Transient Non-Community Water System* because the water system regularly serves at least 25 of the same nonresidential population over six months during the calendar year.

### **Special Health Information**

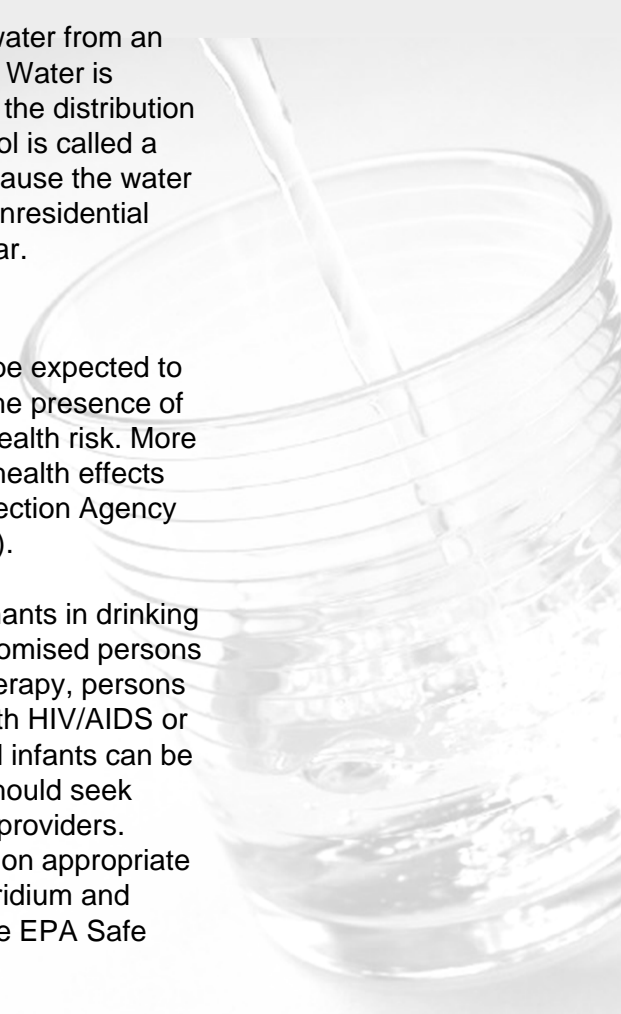
Drinking water and bottled water may reasonably be expected to contain at least small amounts of contaminants. The presence of these contaminants does not necessarily pose a health risk. More information regarding contaminants and potential health effects can be obtained by calling the Environmental Protection Agency (EPA) 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 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/Centers for Disease Control (CDC) guideline on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the EPA Safe Drinking Water Hotline (800-426-4791).

### **How do we ensure safe drinking water for students, staff and visitors?**

Hopewell Valley Regional School District (HVRSD) works hard to provide our students, staff and visitors with a safe environment, which includes safe drinking water. To ensure our water is safe to drink, HVRSD complies with applicable EPA and NJDEP safe drinking water regulations.

**As an additional proactive measure**, school staff are required to measure and report disinfectant residual concentrations at the school twice per day, even though it is only required to be conducted once every three months.



# BEAR TAVERN ELEMENTARY SCHOOL

## 2018 WATER QUALITY REPORT AND TESTING SUMMARY

### How was the Water Quality in 2018?

During 2018, HVRSD collected and analyzed water samples from the distribution system as required by EPA and NJDEP. Below is a summary of compounds that were detected in water samples collected in 2018.

**All sample results were below the EPA and NJDEP limits for safe drinking water.**

Total Coliform was tested four times in 2018. These contaminants were not detected in the water samples.

Contaminant	Number of Tests	MCL (mg/L)	MCLG (mg/L)	Highest Detected Level (mg/L)	Possible Sources of Contaminant
Disinfectant Residual	4	4*	--	0.55	Water additive used to control microbes
Nitrate	1	10	10	3.1	Naturally present in the environment, runoff from agricultural use; wildlife, leaching from septic tanks
Lead	10	0.015 [AL]	0.015 [AL]	0.00667**	Corrosion of plumbing systems or erosion of natural deposits
Copper	10	1.3 [AL]	1.3 [AL]	0.257**	Corrosion of plumbing systems or erosion of natural deposits
Total Haloacetic Acid (5 compounds)	2	0.06	--	0.0026	By-products of drinking water disinfection
Total Trihalomethanes (4 Compounds)	2	0.08	0.08	0.0081	By-products of drinking water disinfection

**Key:**

*MCL (Maximum Contaminant Level):* The highest level of a contaminant that is allowed in drinking water.

*MCLG (Maximum Contaminant Level Goal):* The level of a contaminant in drinking water below which there is no known or expected risk to health.

*mg/L:* milligrams per Liter

*AL (Action Level):* Trigger for remedial action to be taken (not an MCL); 90<sup>th</sup> percentile of samples must be below this level.

\*No MCL exist for disinfectant residual. However, the *Maximum Residual Disinfectant Level (MRDL)* is reported as the maximum running annual average.

\*\*The 90<sup>th</sup> percentile value is reported as per the USEPA Lead and Copper Rule (LCR).

**Please share this 2018 water quality report with anyone who drinks the water at the school, including staff, teachers, and visitors.**

**For further information you can contact:**

NJDEP Bureau of Safe Drinking Water

(609) 292-5550

USEPA Safe Drinking Water Hotline

(800) 426-4791

Hopewell Valley Regional School District

(609) 737-4002 (Extension 2801)