

**ANNUAL
DRINKING WATER
QUALITY REPORT
FOR
2023**

**VILLAGE OF SLEEPY HOLLOW
DEPARTMENT OF PUBLIC WORKS
WATER & SEWER DEPARTMENT**

**28 Beekman Avenue
Sleepy Hollow, New York
10591**

**Public Water System
ID# 5903450**

INTRODUCTION

To comply with State and Federal regulations, the Village of Sleepy Hollow continues to issue its annual report which describes the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. Last year, your tap water met all State drinking water health standards. We are proud to report that in 2023 our system did not violate a maximum contaminant level or any other water quality standard.

While there were no violations in 2023, a review of records has determined that in 2021 a Disinfection Byproducts report was submitted to the Health Department nine days late which resulted in a monitoring violation of the State Sanitary Code. The required submittal date for the report was July 10, 2021 but, the report was not submitted till July 19, 2021. Therefore, we are required to include the following statement:

A review of our records for the above referenced Public Water Supply revealed that results for Disinfection Byproducts (DBP) for the monitoring period beginning April 1, 2021 and ending June 30, 2021 (2nd Quarter of 2021) were not submitted by the 10th calendar day of the following monitoring period in violation of Part 5, Subpart 5-1, Section 5-1.72(c)(6) of the New York State Sanitary Code (NYSSC).

This report provides an overview of the water quality of our water supply for the year 2023. Included are details about where your water comes from, what it contains, and how it compares to State standards.

If you have any questions about this report or concerns about your drinking water, please call Joseph Defeo at the Water Treatment Plant at 914-631-6848. We believe that an informed public is our best ally. If you want to learn more, please attend any of our regularly scheduled Village Board meetings. The meetings are held on the second and fourth Tuesday of the month at 7 PM at the Municipal Building, 28 Beekman Avenue, Sleepy Hollow, NY, 10591. Work sessions are held on the first and third Tuesdays (meetings are subject to change). This report contains a supplement of analytical testing results for possible contaminants in your drinking water. This document is available for inspection by all interested parties at the Municipal Building located at the aforementioned location.

WHERE DOES OUR WATER COME FROM?

In general, the sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and in some cases radioactive material and can also pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water can include: Microbial contaminants, inorganic contaminants, pesticides and herbicides, organic chemical contaminants, and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and the EPA (Environmental Protection Agency) prescribe regulations which limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same level of protection for public health.

The Village of Sleepy Hollow has a year round primary source of water. This surface water source comes from the Catskill or Delaware Aqueducts downstream from the Kensico Reservoir in Valhalla, New York. The transmission main from the Catskill or Delaware Aqueducts to our water treatment plant has the capability of supplying a maximum capacity of 15.0 million gallons per day (MGD). This transmission main also serves as the primary source of potable water for our neighboring village of Tarrytown and Briarcliff Manor. The Catskill Pumping Station can supply a peak water demand of 4.0 MGD. The treatment process at the Pumping Station consists of the application of a blended orthophosphate liquid for corrosion control, followed by gaseous chlorine for disinfection and finally pH adjustment with sodium hydroxide (caustic soda). The water supply from New York City is pre-treated with ultra-violet disinfection, chlorine disinfection and fluoride, prior to our connection into the Catskill or Delaware Aqueducts. A filtration avoidance provision was granted by the EPA to the City to allow the usage of this source without filtration processes provided that certain conditions exist. An emergency connection to the New Croton Aqueduct is only utilized in the event of an emergency, or an extended shut down on both the Catskill and Delaware Aqueducts and only with prior notification to the Westchester County Department of Health.

The NYS DOH has evaluated the susceptibility of water supplies statewide to potential contamination under the Source Water Assessment Program (SWAP), and their findings are summarized in the paragraphs below. It is important to stress that these assessments were created using available information and only estimate the potential for source water contamination. Elevated susceptibility ratings do not mean that source water contamination has or will occur for this PWS. This PWS provides treatment and regular monitoring to ensure the water delivered to consumers meets all applicable standards.

This PWS obtains water from the New York City water supply system. Water either come from the Catskill/Delaware watersheds east of the Hudson River. The New York City Dept. of Environmental Protection (DEP) implements a series of programs to evaluate and protect source water quality within these watersheds. Their efforts focus on three important program areas: the enforcement of strengthened Watershed Rules and Regulations; the acquisition and protection of watershed lands; and implementation partnership programs that target specific sources of pollution in the watersheds.

Due to these intensive efforts, the SWAP methodologies applied to the rest of the state were not applied for this PWS. Additional information on the water quality and protection efforts in these New York City watersheds can be found at DEP's web site www.nyc.gov/dep/watershed.

SOURCE WATER ASSESSMENT:

Specifically, this PWS obtains its water from the Catskill/Delaware watersheds east of the Hudson. The reservoirs in this mountainous rural area are relatively deep with little development along their shorelines. The main water quality concerns associated with land cover agriculture, which can contribute microbial contaminants, pesticides, and algae producing nutrients. These are also some potential contamination concerns associated with residential lands and associated wastewater discharges. However, advanced treatments which reduce contaminants are in place for most of these discharges. There are also a number of other discrete facilities, such as landfills, chemical bulk storages, etc. that have the potential to impact local water quality, but large significant water quality problems associated with these facilities are unlikely due to the size of the watershed and surveillance and management practiced.

FACTS AND FIGURES

Our water system serves a total population of 9,986 (2020 census) through 1715 service connections. The daily average of water treated and pumped into the distribution system was 1,318,490 gallons per day. Our highest single day was 2,261,000 gallons which occurred on January 4, 2023. In August of 2023 a major water leak was identified and closed. Considering the amount of water that was lost to this leak, and was utilized for flushing mains and hydrants, fighting fires, faulty meters, an estimate of our unaccounted water is approximately 15%.

In 2023 water customers were charged \$9.76 per thousand gallons of water (plus a monthly fixed charge of \$30) for an approximate annual average water charge per user of \$500. The cost of water purchased from the City of New York is \$ 2,224.32 per million (1,000,000) gallons. The Sleepy Hollow Water Department maintains (2) storage reservoirs situated on Rockefeller State Park Preserve and the other on Lake Rd properties. These reservoirs capacity is 2,420,000 gallons total with an elevation of 407 feet above sea level at both tanks. This storage capacity is sufficient for 24 hours of the normal daily potable water needs of the municipality. The existing reservoirs are covered and protected from animal hibernation.

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?

As the state regulations require, we routinely test your drinking water for numerous contaminants. These contaminants include: total coliform, turbidity, inorganic compounds, nitrate, nitrite, lead and copper, volatile organic compounds, total trihalomethanes, haloacetic acids, radiological and synthetic organic compounds.

It should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPA's Safe Drinking Water Hotline (800-426-4791) or the Westchester County Health Department at (914) 813-5000.

The tables presented below depicts which compounds were detected in your drinking water. The state allows us to test for some contaminants less than once a year because the concentrations of these contaminants do not change frequently. As you can see by the table, our system had no violations. We have learned through our testing that some of the contaminants have been detected, however, these contaminants were detected below the level allowed by the State.

Table of Detected Contaminants

Inorganics

Contaminant	Violation Yes/No	Date of Sample	Level Detected (Max/Average Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely source of Contaminant
Barium	No	07/23	.01	Mg/L	2.0	2.0	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Total Coliform	No	1/1/23 to 12/31/23	0 positive samples			TT = 2 or more positive samples in a month	Naturally present in the environment
Chloride	No	07/23	11.5	mg/L	N/A	250.0	Naturally occurring or indicative of road salt contamination
Color	No	07/23 & 09/23	Avg 10.5 Range ND -20	Units	N/A	MCL =15	Large quantities of organic chemicals, inadequate treatment, high disinfectant demand and the potential for production of excess amounts of disinfectant by-products such as trihalomethanes, the presence of metals such as copper, iron and manganese; Natural color may be caused by decaying leaves, plants, and soil organic matter.
Flouride (Added by NYCDEP at Catskill Aqueduct)	No	1/23-12/23	Avg 0.9 Range 0.5 -1.2	mg/L	N/A	2.2	Erosion of natural deposits; Water additive that promotes strong teeth; Discharge from fertilizer and aluminum factories..
Entry Point Alkalinity as Calcium Carbonate	No	1/23-12/23	Avg 13.1 Range 10.2-16.0	mg/l	N/A	NDL	

Contaminant	Violation Yes/No	Date of Sample	Level Detected (Max/Average Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely source of Contaminant
Sodium	No	07/23	8.8 (4)	mg/l	N/A	NDL	Naturally occurring; Road salt; Water softeners; Animal waste.
Manganese	No	07/23	9.6	ug/L	N/A	300.0	Naturally occurring; Indicative of landfill contamination.
Zinc	No	07/23	0.012	mg/l	N/A	MCL =5	Naturally occurring; Mining waste.
Nitrate	No	07/23	0.17	mg/l	10.0	10.0	Runoff from fertilizer use; leaching from septic tanks; erosion of natural deposits..
Nickel	No	07/23	1.5	ug/l	N/A	NDL	
pH	No	1/23-12/23	Avg 7.5 Range 7.4-7.8	pH units	N/A	NDL	
Sulfate potable	No	07/23	3.1	mg/L	N/A	250.0	Naturally occurring.
Entry Point Turbidity	No	12/23	Maximum Monthly .35(5)	NTU	N/A	5.0	Soil runoff.
Entry Point Conductance	No	1/23-12/23	Avg 86.4 Range 43.5-112.0	Umhos/cm	No	NDL	
Chlorine Residual, Free	No	1/23-12/23	Avg 1.9 Range 0.8-3.4	mg/l	N/A	MRDL= 4.0	Water additive used to control microbes
Entry Point Copper	No	07/23	0.02	Mg/L	1.3	N/A	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives.
Ortho-phosphate	No	1/23-12/23	Avg 2.3 Range 1.7-2.8	mg/l	N/A	NDL	Water additive for Corrosion Control

Table of Detected Contaminants Radioactive Contaminants

Contaminants	Violations Yes/No	Date of Sample	Level Detected	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely source of Contaminant
Beta particle and photon activity from man made radionuclides	No	11/21 (9)	0.937 (8)	pCi/l	0	50 (1)	Decay of naturally deposits and manmade emissions
Gross alpha activity (including radium 226 but excluding radon and uranium)	No	11/21 (9)	-0.40	pCi/l	0	15	Erosion of natural deposits
Combined radium 226-228	No	11/21 (9)	0.829	pCi/l	0	5	Erosion of natural deposits

Table of Detected Contaminants Lead and Copper

Contaminants	Violation Yes/No	Date of Sample	Level Detected (90% Value Range)	Unit Measurement	Regulatory Limit (AL)	MCLG	# of Samples collected	# of Samples exceeds AL (Range)	Likely Source of Contamination
Lead	No	9/2022	1.1 (2) (Range) (ND-7.8)	ug/L	15	0	20	0	Corrosion of household plumbing system; Erosion of natural deposits
Copper	No	9/2022	0.2 (3) (Range) (0.04-0.26)	mg/L	1,300	1,300	20	0	Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservatives

Non-Detected Synthetic Organic Contaminants

Collection Location: Source Water from Kensico Reservoir

Contaminants	Violations Yes/No	Date of Sample	Level Detected	Unit Measurement	MCLG	Regulatory Limit MCL	Likely source of Contaminant
Perfluorooctanoic Acid (PFOA)	No	10/23	Not Detected	ng/l	NA	10	Released into the environment from widespread use in commercial and industrial applications.
Perfluorooctane sulfonic acid (PFOS)	No	10/23	Not Detected	ng/l	NA	10	Released into the environment from widespread use in commercial and industrial applications.
1,4-Dioxane	No	10/23	Not Detected	ug/L	NA	1	This compound may enter the environment through its use as a solvent and in textile processing, printing processes, and detergent preparations.

Disinfection By Products

Contaminants	Violation Yes/No	Date of Sample	Level of Detected (Max) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL)	Likely Source of Contamination
Haloacetic Acids(mono-,di-,and trichloroacetic acid and mono-and dibromoacetic acid)	No	1/23-12/23	39.1 (6) (27.0-48.4) (7)	ug/L	N/A	60.0	By-product of drinking water chlorination needed to kill harmful organisms..
Total Trihalomethanes (TTHM-chloroform,bromodichloromethan,di-bromochloromethane and bromoform	No	1/23-12/23	25.9(6) (13.3-32.2) (7)	ug/L	N/A	80.0	By-product of drinking water chlorination needed to kill harmful organisms. They are formed when source water contain organic matter

1. The state considers 50 pCi/l to be the level of concern for Beta particles.
2. The level presented represents the 90th percentile of the 20 sites tested. A percentile is a value on a scale of one hundred that indicates the percentage of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90 percent of the lead values detected in the water system. In this case, the 90th percentile value was the third highest value (1.1 ug/l). Hence, for the 90th percentile value, the action limit was not exceeded. The action level for lead was not exceeded at any site. These samples are collected every 3 years.
3. The level presented represents the 90th percentile of the 20 copper samples collected. The action level for copper was not exceeded at any site tested.

4. Water containing more than (20 mg/l) of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than (270 mg/l) of sodium should not be used for drinking by people on moderately restricted sodium diet.
5. Turbidity is a measure of the cloudiness of the water. It is monitored since it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfection. The highest monthly average distribution turbidity for the year was 0.35 NTU occurring in December 2023 which meets the State's treatment technique maximum turbidity performance standard (5 NTU).
6. This level represents the highest locational running annual average calculated from data collected. Since the highest locational running annual average includes samples collected in the previous year, the highest locational running annual average can be higher than the range of values collected this year.
7. The range represents the minimum and maximum values out of all the THHMs and HAA5s collected throughout the year
8. The negative value denotes that the sample activity was below the recorded background during the analysis.
9. Collected at Shaft 10 Pump Station entry point. Samples collected every 6 years.

Entry point samples for inorganic contaminants that were not detected include; chromium, cyanide, cadmium, nitrite, arsenic, iron, lead, mercury, thallium, antimony, silver, beryllium, and selenium.

Organic contaminants that were tested for and not detected in the source water include:

Benzene, Bromobenzene, Bromochloromethane, Bromomethane, N-Butylbenzene, Sec-Butylbenzene, Tert-Butylbenzene, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane¹, 1,1-Dichloroethene, cis-1,2-Dichloroethene, trans-1,2-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, cis-1,3-Dichloropropene, Trans-1,3-Dichloropropene, ethylbenzene, hexachlorobutadiene, Isopropylbenzene, p-Isopropyltoluene, Methylene Chloride, n-Propylbenzene, Styrene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, p&m-Xylene, o-Xylene, (MEK), Methyl tert-butyl ether (MTBE), (MIBK), Naphthalene, Vinyl chloride

1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 2,4,5-T, 2,4-D, Dalapon, Dicamba, Dinoseb, Pentachlorophenol, Picloram, Butachlor, Metolachlor, Metribuzin, Alachlor, Atrazine, Benzo(a)pyrene, Hexachlorobenzene, Hexachlorocyclopentadiene, Simazine, bis(2-Ethylhexyl)adipate, 3-Hydroxycarbofuran, Aldicarb, Aldicarb sulfone, Aldicarb sulfone, Carbaryl, Carbofuran, Methomyl, Oxamyl, aldrin, chlordane, dieldrin, endrin, heptachlor, heptachlor epoxide, lindane, methoxychlor, PCB's, propachlor, toxaphene,

Other contaminants that were tested for and not detected in the source water: PFOS, PFOA, 1-4-Dioxane

Some of our data of the representative tables are more than one (1) year old

Definitions

Action Level means the concentration of copper or lead that when exceeded triggers actions to be taken by a water system. Copper action level = 1.300 milligrams per liter (mg/l) or 1300 micrograms per liter (ug/l) Lead level = 0.015(mg/l) or 15 (ug/l).

Contaminant means any physical, chemical, microbiological, or radiological substance or matter in water.

Corrosion Inhibitor means a substance capable of reducing the corrosivity of water toward metal plumbing materials, especially lead and copper, by forming a protective coating on the interior surface of these materials.

Effective corrosion inhibitor residual means a concentration sufficient to form a protective coating on the interior walls of a pipe particularly household plumbing to reduce the levels of lead and copper in the water supply.

Emergency source means a source of water supply which is not the regular source or auxiliary source and which is developed or available during an emergency for temporary use.

First draw tap sample for lead and copper means a one liter sample of water collected from a cold water tap after the water has stood motionless in the plumbing system for at least six hours and is collected without flushing the tap.

Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Maximum contaminant level (MCL) means the maximum permissible level of a contaminant in water which is delivered to any user of a public water system. For entry point turbidity and inorganic chemicals, the maximum permissible level is measured at the entry point to the distribution system. For organic chemicals the MCL is measured at the individual sources.

Maximum contaminant level goal (MCLG) is defined as the level of a contaminant in water below which there is no known or expected health risk. MCLGs allow for a margin of safety.

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Maximum Residual Disinfectant Level (MRDL) is the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) is the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Milligrams per liter (mg/l): Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

Micrograms per liter (ug/l): Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).

Millirems per year (mrem/yr): A measure of radiation absorbed by the body.

Million Fibers per Liter (MFL): A measure of the presence of asbestos fibers that are longer than 10 micrometers.

Non-Detects (ND): Laboratory analysis indicates that the constituent is not present.

NDL: No designated limit.

Nanograms per liter (ng/l): Corresponds to one part of liquid to one trillion parts of liquid (parts per trillion - ppt).

Nephelometric Turbidity Unit (NTU) is a measure of the clarity of the water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Optimal corrosion control treatment means the corrosion control treatment that reduces the lead and copper concentrations at the users' taps to the lowest reasonably achievable level while insuring that the treatment does not cause the water system to violate Part 5 of the State Sanitary Code or cause adverse health or operational effects.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

Picograms per liter (pg/l): Corresponds to one part per of liquid to one quadrillion parts of liquid (parts per quadrillion – ppq).

Picocuries per liter (pCi/L): A measure of the radioactivity in water.

Principal organic contaminant (POC) means any organic chemical compound belonging to the following classes:

- (1) Halogenated alkane
- (2) Halogenated ether
- (3) Halobenzenes and substituted halobenzenes

- (4) Benzene and alkyl- or nitrogen-substituted benzenes
- (5) Substituted, unsaturated hydrocarbons
- (6) Halogenated non-aromatic cyclic hydrocarbons

Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Regular source means a source of water supply which is normally used and is approved by the Local Health Department Entity and other State agencies having jurisdiction.

Source of water supply means any ground water aquifer, surface water body, or water course from which water is taken either periodically or continuously for drinking, culinary, or food processing purposes, or which has been designated for present or future use as a source of water supply for domestic or municipal purposes.

Surface water means all water open to the atmosphere and subject to surface runoff.

Treatment technique refers to a required process intended to reduce the level of a contaminant in drinking water.

Turbidity is a measure of the cloudiness of the water. It is monitored because it is an indicator of water quality and the effectiveness of disinfection.

Unspecified organic contaminant (UOC) means any organic chemical compound not otherwise specified.

WHAT DOES THIS INFORMATION MEAN?

What does this information mean?

As you can see by the table, in 2023 our system has no violations. It should be noted that some contaminants have been detected; however, these contaminants were detected well below NYS requirements.

While there were no violations in 2023, a review of records has determined that in 2021 a Disinfection Byproducts report was submitted to the Health Department nine days late which resulted in a monitoring violation of the State Sanitary Code. The required submittal date for the report was July 10, 2021 but, the report was not submitted till July 19, 2021. Therefore, we are required to include the following statement:

A review of our records for the above referenced Public Water Supply revealed that results for Disinfection Byproducts (DBP) for the monitoring period beginning April 1, 2021 and ending June 30, 2021 (2nd quarter of 2021) were not submitted by the 10th calendar day of the following monitoring period in violation of Part 5, Subpart 5-1, Section 5-1.72(c)(6) of the New York State Sanitary Code (NYSSC).

WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS

During 2023 our system was in compliance with applicable state drinking water operation monitoring and reporting requirements.

The New York City Department of Environmental Protection conducted a test protocol to determine the concentration of cryptosporidium and giardia in their source water. The results are as follows:

Parameter	Reservoir Outflow	Number of Samples	Number of Samples Positive	Range	Likely Sources In Drinking Water
Cryptosporidium (oocysts/50L)	Kensico	52	6	0 - 3	Animal fecal waste
Giardia (cysts/50L)	Kensico	52	25	0 - 10	Animal fecal waste

GIARDIA is a microbial pathogen presents in varying concentrations in many surface waters and groundwater under the influence of surface water. Giardia is removed/inactivated through a combination of filtration and disinfection or by disinfection. The above table represents our 2023 Giardia routine sampling plan. Ingestion of Giardia may cause giardiasis, an intestinal illness. People exposed to Giardia may experience mild or severe diarrhea, or in some instances no symptoms at all. Fever is rarely present. Occasionally, some individuals will have chronic diarrhea over several weeks or a month, with significant weight loss. Giardiasis can be treated with anti-parasitic medication. Individuals with weakened immune systems should consult with their health care providers about what steps would best reduce their risk of becoming infected with Giardiasis. Individuals who think that they may have been exposed to Giardiasis should contact their health care providers immediately. The giardia parasite is passed in the feces of an infected person or animal and may contaminate water or food. Person to person transmission may also occur in day care centers or other settings where hand washing practices are poor.

CRYPTOSPORIDIUM is a microbial pathogen found in surface water and ground water under the influence of surface water. Although filtration removes Cryptosporidium, the most commonly used filtration methods cannot guarantee 100 percent removal. The above table represents our 2023 Cryptosporidium routine sampling plan. Ingestion of Cryptosporidium may cause Cryptosporidiosis, a gastrointestinal infection. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome disease within a few weeks. However, immune-compromised people are at greater risk of developing life-threatening illness. We encourage immune-compromised individuals to consult their health care provider regarding appropriate precautions to take to avoid infection. Cryptosporidium must be ingested to cause disease and it may be spread through means other than drinking water.

While there were no violations in 2023, a review of records has determined that in 2021 a Disinfection Byproducts report was submitted to the Health Department nine days late which resulted in a monitoring violation of the State Sanitary Code. The required submittal date for the report was July 10, 2021 but, the report was not submitted till July 19, 2021.

INFORMATION ON FLUORIDE ADDITION:

Our system is one of the many drinking water systems in New York State that provides drinking water with a controlled, low level of fluoride for consumer dental health protection. fluoride is added to your water by the New York City Department of Environmental Protection (NYC DEP) before it is delivered to us. According to the United States Centers for Disease Control, fluoride is very effective in preventing cavities when present in drinking water at an optimal level of 0.7 mg/l. To ensure that the fluoride supplement in your water provides optimal dental protection, the NYC DEP monitors fluoride levels on a daily basis to make sure fluoride is maintained a target level.

During 2023, the average fluoride value was 0.9 mg/l with none of the monitoring results showing fluoride at levels greater than 1.2 mg/l hence, the 2.2 mg/l Maximum Contaminant Level (MCL) was not exceeded.

ADDITIONAL INFORMATION FOR LEAD

As you can see by the table, our system had no violations. We have learned through our testing that some contaminants have been detected; however, these contaminants were detected below New York State requirements. It should be noted that the action level for lead was not exceeded at any sample site. We are required to present the following information on lead in drinking water:

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. The Sleepy Hollow Water Department is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact the Sleepy Hollow Water Department at 914-631-6848. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

DO I NEED TO TAKE SPECIAL PRECAUTIONS?

Although our drinking water met or exceeded state and federal regulations, some people may be more vulnerable to disease causing microorganisms or pathogens 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 their drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of Cryptosporidium, Giardia, and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

INFORMATION FOR NON ENGLISH SPEAKING RESIDENCE

This report contains very important information about your drinking water. Translate it, or speak to someone who understands it.

Este informe contiene informacion muy importante sobre su agua beber. Traduzalo o hable con alguien que lo entienda bien.

WHY SAVE WATER AND HOW TO AVOID WASTING IT?

Although our system has an adequate amount of water to meet present and future demands, there are a number of reasons why it is important to conserve water:

- ◆ Saving water saves energy and some of the costs associated with both of these necessities of life;
- ◆ Saving water reduces the cost of energy required to pump water and the need to construct costly new wells, pumping systems and water towers; and
- ◆ Saving water lessens the strain on the water system during a dry spell or drought, helping to avoid severe water use restrictions so that essential fire fighting needs are met.

You can play a role in conserving water by becoming conscious of the amount of water your household is using, and by looking for ways to use less whenever you can. It is not hard to conserve water. Conservation tips include:

- ◆ Automatic dishwashers use 15 gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- ◆ Turn off the tap when brushing your teeth.
- ◆ Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- ◆ Check your toilets for leaks by putting a few drops of food coloring in the tank, watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from one of these otherwise invisible toilet leaks. Fix it and you save more than 30,000 gallons a year.
- ◆ Use your water meter to detect hidden leaks. Simply turn off all taps and water using appliances, and then check the meter after 15 minutes. If it moved, you have a leak.

SYSTEM IMPROVEMENTS

The new 1.6 million gallon water storage tank located off of Lake Road on the Rockefeller Property has been placed in service. The additional storage provides the Village of Sleepy Hollow emergency supply for fire protection as well an uninterrupted 24 hour supply of water in case of a service disruption of supply from the NYCDEP. This is in addition to our already existing storage reservoir of 800,000 gallons located on the Rockefeller State Park Preserve. With the new 1.6 million gallon water tank now in service the Village will be repairing and rehabilitating the original 800,000 gallon water storage tank located in the Rockefeller State Park Preserve.

CONCLUSION

Thank you for allowing us to continue to provide your family with quality drinking water this year. We ask that all of our customers help us protect our water sources, which are the heart of our community and our way of life. For further information, you may call the office of the Sleepy Hollow Water Department between the hours of 8:30 AM and 4:30 PM at 366-5103 or 366-5100.