

2018 DRINKING WATER QUALITY REPORT

Public Water Supply Identification No. 2902817

The Bethpage Water District is pleased to present the 2018 Drinking Water Quality Report. The report is required to be delivered to all residents of our District as required by Federal and State regulations. We are happy to report that the District's supply water is in full compliance with all Federal, State and County regulations and that no violations exist.

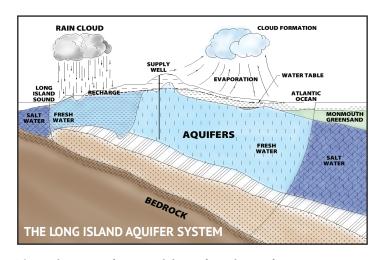
Our constant goal is to provide you with a safe and dependable supply of drinking water every day. We also want you to understand the efforts the District takes to protect our water resources and continually improve the water quality treatment process.

WHERE DOES OUR WATER COME FROM?

The source of water for the District is groundwater pumped from nine (9) wells, however only eight (8) of these wells are used for production to the distribution system, located throughout the community that are drilled into the Magothy aquifer beneath Long Island, as shown on the adjacent figure. Generally, the water quality of the aquifer is marginal and there are localized areas of contamination. Well No. 4-1 is voluntarily held in reserve due to elevated radium levels near the drinking water standard.

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 pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants.

In order to ensure that our tap water is safe to drink, the State and the EPA prescribe regulations that 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 protection for public health. The population served by the Bethpage Water District during 2018 was 35,000.



The total amount of water withdrawn from the aquifer in 2018 was 1.49 billion gallons, of which approximately 91 percent was billed directly to consumers. The remaining 9 percent of total pumpage was used for flushing, lost to system breaks and leaks, used for system testing and lost to inefficient water meter readings.

WATER TREATMENT

The Bethpage Water District provides treatment at all of its wells to improve the quality of the water pumped prior to distribution to the consumer. The pH of the pumped water is adjusted upward to reduce the corrosive action between the water and water mains and in-house plumbing by the addition of sodium hydroxide. The District also utilizes sodium hypochlorite for the purpose of disinfection and maintains a consistent chlorine residual as per Health Department guidelines.

In addition, specialized wellhead treatment is provided at specific plant sites as follows:

- Plant 1 (Well Nos. 7A & 8A) Granular Activated Carbon (GAC)
- Plant 4 (Well Nos. 4-1 & 4-2) Air Stripper & GAC
- Plant 5 (Well No. 5-1) Air Stripper & GAC
- Plant 6 (Well Nos. 6-1 & 6-2) Air Stripper & GAC
- Plant BGD (Well No. BGD) Ion Exchange & GAC

WATER QUALITY

In accordance with State regulations, the Bethpage Water District routinely monitors your drinking water for numerous parameters. We test your drinking water for coliform bacteria, turbidity, inorganic contaminants, lead and copper, nitrate, volatile organic contaminants, total trihalomethanes, radionuclides and synthetic organic contaminants. As listed in this report, over 135 separate parameters are tested for in each of our wells numerous times per year. The table presented on page 3 depicts which parameters or contaminants were detected in the water supply. It should be noted that many of these parameters are naturally found in all Long Island drinking water and do not pose any adverse health effects. Please be assured that your drinking water meets all Federal and State water quality standards.

We, at the Bethpage Water District, work around the clock to provide top quality water to every tap throughout the community. We ask that all our customers help us protect our water resources, which are the heart of our community, our way of life and our children's future. Please call our office if you have any questions.

WATER CONSERVATION MEASURES

The underground water system of Long Island has more than enough water for present water demands. However, saving water will ensure that our future generations will always have a safe and abundant water supply.

In 2018, the Bethpage Water District continued to implement a water conservation program in order to minimize any unnecessary water use. The pumpage for 2018 was 2% more than in 2017. This increase is due to the hotter and drier weather in 2018.

Residents of the District can also implement their own water conservation measures such as retrofitting plumbing fixtures with flow restrictors, modifying automatic lawn sprinklers to include rain sensors, repairing leaks in the home, installing water conservation fixtures/appliances and maintaining a daily awareness of water conservation in their personal habits.

Consumers should be aware that Nassau County Lawn Sprinkler Regulations are still in effect. Besides protecting our precious underground water supply, water conservation will produce a cost savings to the consumer in terms of both water and energy bills (hot water).

SOURCE WATER ASSESSMENT

Back in 2003, the NYSDOH, with assistance from the local health department, has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how rapidly contaminants can move through the subsurface to the wells. The susceptibility of a water supply well to contamination is dependent upon both the presence of potential sources of contamination within the well's contributing area and the likelihood that the contaminant can travel through the environment to reach the well. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is, or will become contaminated. Please refer to section "Water Quality" for a list of the contaminants that have been detected. The source water assessments provide resource managers with additional information for protecting source waters into the future.

Our drinking water is derived from eight (8) wells. The source water assessment has rated most of the wells as having a high susceptibility to nitrates and four (4) of the wells as having a very high susceptibility to industrial solvents. The very high susceptibility to industrial solvents is due primarily to point sources of contamination related to commercial/industrial activities in the assessment area. The high susceptibility of nitrate contamination is attributable to unsewered high density residential land use and related to practices in the assessment area, such as fertilizing lawns.

A copy of the assessment, including a map of the assessment area, can be reviewed by contacting the District Office.

CONTACTS FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements. If you have any questions about this report or the Bethpage Water District, please contact Water District Superintendent Michael Boufis at (516) 931-0093 or the Nassau County Department of Health at (516) 227-9692. We want our valued customers to be informed about our water system. If you want to learn more, please attend any of our regularly scheduled meetings. They are normally held every other Thursday at 3:00 p.m. at the District office.

The Bethpage Water District routinely monitors for different parameters and possible contaminants in your drinking water as required by Federal and State laws. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some impurities. It's important to remember that the presence of these impurities does not necessarily pose a health risk. For more information on contamination and potential health risks, please contact the USEPA Safe Drinking Water Hotline at (800-426-4791) or www.epa.gov/safewater.

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, and some elderly and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking water Hotline (800-426-4791). It should be noted that Cryptosporidium and Giardia are primarily found in surface waters, not groundwater and our entire water supply is derived from groundwater.

During 2017, the District collected more than 30 samples for lead and copper. The next round of samples will occur in 2020. If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. Bethpage Water District 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 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 Hotline (1-800-426-4791) or at http://www.epa.gov/ safewater/lead.

Water from the Bethpage Water District has elevated levels of nitrates, but well below the maximum contamination level of 10.0 parts per million (ppm). Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six (6) months of age. High nitrate levels in drinking water can cause blue baby syndrome. The source of the nitrates is the nitrogen in fertilizers and from past on-site septic systems. If you are caring for an infant, you should ask advice from your health care provider.



2018 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS (8)

Copy of Copy of Lead No. June - Spatisher of ND-5 of ND-9 mg. 1 1.5 AL -1 st systems, Exosion of natural deposit profession of natural deposit natural professit profession of natura	Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
Copy of Copy of Lead No. June - Spatisher of ND-5 of ND-9 mg. 1 1.5 AL -1 st systems, Exosion of natural deposit profession of natural deposit natural professit profession of natura	Lead & Copper	,						
Description Contamination Contamination	Copper	No			mg/L	1.3	AL = 1.3	Corrosion of household plumbing systems; Erosion of natural deposits
No	Lead	No			ug/L	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Solium	Inorganic Contaminants							
No	Barium	No	05/07/18	ND - 0.0097	mg/L	n/a	MCL = 20	Naturally occurring
Chloride	Sodium	No	05/04/18	4.8 - 13.5	mg/L	n/a	No MCL ⁽²⁾	Naturally occurring
Iron	Zinc	No	05/07/18	ND - 0.052	mg/L	n/a	MCL = 5	Naturally occuring
Manganese No 0223/18 ND-003 mg/L n/a MCL = 300 Naturally occurring of septic transits and savange of septic transition of septic transition of septic transition of septic transition of septic	Chloride	No	05/07/18	4.6 - 17.1	mg/L	n/a	MCL = 250	Naturally occurring
No	Iron	No	02/23/18	ND - 63	ug/L	n/a	$MCL = 300^{(3)}$	Naturally occurring
Sulfate	Manganese	No	02/23/18	ND - 0.03	mg/L	n/a	MCL = 300	Naturally occurring
Magnesium No 0.507/18 ND- 2.5 mg/L n/a No MCL Naturally occurring Calcium No 0.507/18 1.6 - 7.7 mg/L n/a No MCL Naturally occurring Thallium No 0.507/18 ND - 0.98 ug/L n/a MCL = 100 Naturally occurring Nickel No 0.507/18 1.4 - 8.2 ug/L n/a MCL = 100 Naturally occurring PH No 0.507/18 1.4 - 8.2 ug/L n/a No MCL Naturally occurring Total Alkalinity No 0.507/18 ND - 38.1 mg/L n/a No MCL Naturally occurring Total Hardness No 0.507/18 3.9 - 15.8 mg/L n/a No MCL Naturally occurring Total Dissolved Solids No 0.0223/18 2.60 - 73.0 mg/L n/a No MCL Naturally occurring Total Dissolved Solids No 0.0223/18 2.60 - 73.0 mg/L n/a NCL = 5 Naturally occurring	Nitrate	No	06/04/18	1.3 - 7.3	mg/L	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Calcium	Sulfate	No	02/23/18	ND - 6.3	mg/L	n/a	MCL = 250	Naturally occurring
Thailium	Magnesium	No	05/07/18	ND - 2.5	mg/L	n/a	No MCL	Naturally occurring
Nickel	Calcium	No	05/07/18	1.6 - 7.7	mg/L	n/a	No MCL	Naturally occurring
PH	Thallium	No	02/23/18	ND - 0.98	ug/L	n/a	MCL = 2.0	Naturally occurring
Total Alkalinity	Nickel	No	05/07/18	1.4 - 8.2	ug/L	n/a	MCL = 100	Naturally occurring
Total Hardness	рН	No	05/04/18	5.7 - 8.3	Units	n/a	No MCL	Naturally occurring
Calcium Hardness No 05/07/18 3.9-15.8 mg/L n/a No MCL Naturally occurring Total Dissolved Solids No 02/23/18 26.0-73.0 mg/L n/a No MCL Naturally occurring Turbidity No 02/23/18 ND-1.4 NTU n/a MCL = 5 Naturally occurring Volatile Organic Contaminant 1,1-Dichloroethane No 09/05/18 ND-2.0 ug/L 0 MCL = 5 Industrial/Commercial discharge Disinfection By-Products Total Trihalomethanes (THMs) No 10/01/18 ND-3.2 ug/L n/a MCL = 80 Disinfection By-Products Unregulated Contaminant Monitoring Rule — Follow Up Testing(5) 1,4-Dioxane No 01/18/18 0.4-10.9 ug/L n/a HA=35 Industrial/Commercial discharge Cobalt No 0.7/22/13 1.7-5.2 ug/L n/a No MCL Naturally occurring Strontium No 0.01/11/17 ND-14.1 ug/L n/a	Total Alkalinity	No	05/07/18	ND - 38.1	mg/L	n/a	No MCL	Naturally occurring
Total Dissolved Solids	Total Hardness	No	05/07/18	6.5 - 24.9	mg/L	n/a	No MCL	Naturally occurring
Turbidity No 02/23/18 ND - 1.4 NTU n/a MCL = 5 Naturally occurring Volatile Organic Contaminant 1,1-Dichloroethane No 09/05/18 ND - 2.0 ug/L 0 MCL = 5 Industrial/Commercial discharge Disinfection By-Products Total Trihalomethanes (THMs) No 10/01/18 ND - 3.2 ug/L n/a MCL = 80 Disinfection By-Products Unregulated Contaminant Monitoring Rule and Follow Up Testing(5) Unregulated Contaminant Monitoring Rule and Follow Up Testing(5) 1,4-Dioxane No 01/18/18 0.4 - 10.9 ug/L n/a HA=35 Industrial/Commercial discharge Cobalt No 07/22/13 1.7 - 5.2 ug/L n/a HA=35 Industrial/Commercial discharge Strontium No 07/22/13 1.7 - 5.2 ug/L n/a No MCL Naturally occurring Hexavalent Chromium No 07/22/13 ND - 0.13 ug/L n/a No MCL Natural deposits & industrial discharge Chromium </td <td>Calcium Hardness</td> <td>No</td> <td>05/07/18</td> <td>3.9 - 15.8</td> <td>mg/L</td> <td>n/a</td> <td>No MCL</td> <td>Naturally occurring</td>	Calcium Hardness	No	05/07/18	3.9 - 15.8	mg/L	n/a	No MCL	Naturally occurring
Volatile Organic Contaminant	Total Dissolved Solids	No	02/23/18	26.0 - 73.0	mg/L	n/a	No MCL	Naturally occurring
1,1-Dichloroethane	Turbidity	No	02/23/18	ND - 1.4	NTU	n/a	MCL = 5	Naturally occurring
Total Trihalomethanes (THMs) No 10/01/18 ND - 3.2 ug/L n/a MCL = 80 Disinfection By-Products	Volatile Organic Contaminant							
Total Trihalomethanes (THMs)	1,1-Dichloroethane	No	09/05/18	ND - 2.0	ug/L	0	MCL = 5	Industrial/Commercial discharge
Unregulated Contaminant Monitoring Rule and Follow Up Testing(5) 1,4-Dioxane	Disinfection By-Products							
1,4-Dioxane No 01/18/18 0.4-10.9 ug/L n/a HA=35 Industrial/Commercial discharge Cobalt No 07/22/13 1.7-5.2 ug/L n/a No MCL Naturally occurring Strontium No 01/11/17 ND-14.1 ug/L n/a HA=4000 Naturally occurring Hexavalent Chromium No 07/22/13 ND-0.13 ug/L n/a No MCL Natural deposits & industrial discharge Chromium No 07/22/13 ND-0.38 ug/L 100 MCL=100 Natural deposits & industrial discharge Chlorate No 01/11/17 ND-104 ug/L n/a No MCL Naturally occurring Perchlorate No 04/02/18 ND-6.7 ug/L n/a AL=18/6 Fertilziers Radionuclides	Total Trihalomethanes (THMs)	No	10/01/18	ND - 3.2	ug/L	n/a	MCL = 80	Disinfection By-Products
Cobalt No 07/22/13 1.7 - 5.2 ug/L n/a No MCL Naturally occurring Strontium No 01/11/17 ND - 14.1 ug/L n/a HA = 4000 Naturally occurring Hexavalent Chromium No 07/22/13 ND - 0.13 ug/L n/a No MCL Natural deposits & industrial discha Chromium No 07/22/13 ND - 0.38 ug/L 100 MCL = 100 Natural deposits & industrial discha Chlorate No 01/11/17 ND - 104 ug/L n/a No MCL Naturally occurring Perchlorate No 04/02/18 ND - 6.7 ug/L n/a AL = 18(6) Fertilziers Radionuclides	Unregulated Contaminant Monitoring Rule	and Follow Up Testii	ng(5)					
Strontium No 01/11/17 ND - 14.1 ug/L n/a HA = 4000 Naturally occurring Hexavalent Chromium No 07/22/13 ND - 0.13 ug/L n/a No MCL Naturall deposits & industrial discha Chromium No 07/22/13 ND - 0.38 ug/L 100 MCL = 100 Naturall deposits & industrial discha Chlorate No 01/11/17 ND - 104 ug/L n/a No MCL Naturally occurring Perchlorate No 04/02/18 ND - 6.7 ug/L n/a AL = 18(6) Fertilziers Radionuclides	1,4-Dioxane	No	01/18/18	0.4 - 10.9	ug/L	n/a	HA=35	Industrial/Commercial discharge
Hexavalent Chromium No 07/22/13 ND - 0.13 ug/L n/a No MCL Natural deposits & industrial discha Chromium No 07/22/13 ND - 0.38 ug/L 100 MCL = 100 Natural deposits & industrial discha Chlorate No 01/11/17 ND - 104 ug/L n/a No MCL Naturally occurring Perchlorate No 04/02/18 ND - 6.7 ug/L n/a AL = 18(6) Fertilziers Radionuclides	Cobalt	No	07/22/13	1.7 - 5.2	ug/L	n/a	No MCL	Naturally occurring
Chromium No 07/22/13 ND - 0.38 ug/L 100 MCL = 100 Natural deposits & industrial discha Chlorate No 01/11/17 ND - 104 ug/L n/a No MCL Naturally occurring Perchlorate No 04/02/18 ND - 6.7 ug/L n/a AL = 18(6) Fertilziers Radionuclides	Strontium	No	01/11/17	ND - 14.1	ug/L	n/a	HA = 4000	Naturally occurring
No 01/11/17 ND - 104 ug/L n/a No MCL Naturally occurring	Hexavalent Chromium	No	07/22/13	ND - 0.13	ug/L	n/a	No MCL	Natural deposits & industrial discharges
Perchlorate No 04/02/18 ND - 6.7 ug/L n/a AL = 18(6) Fertiliziers Radionuclides	Chromium	No	07/22/13	ND - 0.38	ug/L	100	MCL = 100	Natural deposits & industrial discharges
Radionuclides	Chlorate	No	01/11/17	ND - 104	ug/L	n/a	No MCL	Naturally occurring
	Perchlorate	No	04/02/18	ND - 6.7	ug/L	n/a	AL = 18 ⁽⁶⁾	Fertilziers
Gross Alpha No 01/18/18 ND - 3.44 pCi/L n/a MCL = 15 Naturally occurring or industrial disch	Radionuclides							
	Gross Alpha	No	01/18/18	ND - 3.44	pCi/L	n/a	MCL = 15	Naturally occurring or industrial discharge
Gross Beta No 03/01/16 0.142 - 1.99 pCi/L n/a MCL = 50 Naturally occurring or industrial disch	Gross Beta	No	03/01/16	0.142 - 1.99	pCi/L	n/a	MCL = 50	Naturally occurring or industrial discharge
Radium 226 & 228 Combined No 01/02/18 0.126 - 3.3 pCi/L n/a MCL = 5 ⁽⁷⁾ Naturally occurring or industrial disch	Radium 226 & 228 Combined	No	01/02/18	0.126 - 3.3	pCi/L	n/a	MCL = 5 ⁽⁷⁾	Naturally occurring or industrial discharge
Uranium No $01/18/18$ $0.002 - 0.12$ ug/L n/a $MCL = 30$ Naturally occurring or industrial disch	Uranium	No	01/18/18	0.002 - 0.12	ug/L	n/a	MCL = 30	Naturally occurring or industrial discharge

Definitions:

<u>Maximum Contaminant Level (MCL)</u> -The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of saftey.

<u>Maximum Residual Disinfection Level (MRDL)</u> - 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.

<u>Maximum Residual Disinfection Level Goal (MRDLG)</u> - 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 contaminants.

<u>Health Advisory (HA)</u> - An estimate of acceptable drinking water levels for a chemical substance based on health effects information; a health advisory is not a legally enforceable Federal standard, but serves as technical guidance to assist Federal, State and local officials.

 $\underline{\textbf{Action Level (AL)}} \ - \ \text{The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.}$

<u>Milligrams per Liter (mg/L)</u> - Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

 $\underline{\textbf{Micrograms per Liter (ug/L)}}\text{-} CC orresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).}$

Nephelometric Turbidity Unit (NTU) - Signifies that the instrument is measuring scattered light from the sample at a 90-degree angle from the incident light.

Non-Detects (ND) Laboratory analysis indicates that the constituent is not present. pCi/L - pico Curies per Liter is a measure of radioactivity in water.

 $^{(1)}$ - During 2017, we collected and analyzed 30 samples for lead and copper. The 90% percentile level is presented in the table. The action levels for both lead and copper were not

exceeded at any site tested. 90th Percentile Value: The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system.

- (2) No MCL has been established for sodium. However, 20 mg/l is a recommended guideline for people on high restricted sodium diets and 270 mg/l for those on moderate sodium diets.
- (9) Iron is essential for maintaining good health. However, too much iron can cause adverse health effects. Drinking water with very large amounts of iron can cause nausea, vomiting, diarrhea, constipation and stomach pain. These effects usually diminish once the elevated iron exposure is stopped. A small number of people have a condition called hemochromatosis, in which the body absorbs and stores too much iron. People with hemochromatosis may be at greater risk for health effects resulting from too much iron in the body (sometimes called "iron overload") and should be aware of their overall iron intake. The New York State standard for iron in drinking water is 0.3 milligrams per liter, and is based on iron's effects on the taste, odor and color of the water.
- ⁽⁴⁾ Perchlorate is an unregulated contaminant. However, the State Health Department has established an action level of 18 ug/L.
- ⁽⁵⁾ UCMR3 Unregulated Contaminant Monitoring Rule 3 is a Federal water quality sampling program where water suppliers sample and test their source water for 1 year. Testing was conducted in 2013. Results will be used by the USEPA to determine if the contaminants need to be regulated in the future.
- $^{(6)}$ Perchlorate is an unregulated contaminant. However, the NYS Dept. of Health has established an action level of 18.0 ug/L.
- (7) Combined Radium 226 and 228 has an MCL = 5.
- (8) Copies of the Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2018, are available at the Bethpage Water District office which is located at 25 Adams Avenue, Bethpage, New York and at the Bethpage Public Library.



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Bethpage Water District

25 Adams Avenue Bethpage, New York 11714-1304

Board of Water Commissioners

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Michael J. Boufis, Superintendent

Business Hours: 8:00 a.m. to 4:00 p.m., weekdays 24-Hour Emergency Number: (516) 931-0093

www.bethpagewater.org

2018 DRINKING WATER QUALITY REPORT

The Bethpage Water District conducts over 10,000 water quality tests throughout the year, testing for over 135 different parameters in our water supply including, but not limited to, the list on this sheet:

COST OF WATER

The District utilizes a step billing schedule as shown in the table. The average consumer is being billed at \$1.25 per 1,000 gallons of water used. That's 8 gallons for one penny!!

Step Schedule of Water Rates (per quarter)

Consumption (gallons)	Charges
Minimum Charge	\$12.50
Up to 10,000	\$1.25/thousand gallons
11,000 - 25,000	\$1.75/thousand gallons
26,000 - 45,000	\$2.00/thousand gallons
46,000 - 60,000	\$2.25/thousand gallons
61,000 - 80,000	\$2.85/thousand gallons
Over 80,000	\$3.15/thousand gallons

WATER SYSTEM IMPROVEMENT

The District continuously evaluates its infrastructure to determine what improvements need to be made.

This year the District completed the construction of an AOP (Advanced Oxidation Process) treatment system at Plant No. 6.

1,1-Dichloroethene	Atrazine	Dicamba	Nitrite
1,1-Dichloropropene	Benzene	Dichloroacetic Acid	Nitrogen
1,1,1-Trichloroethane	Beryllium	Dichlorodifluoromethane	Ammonia
1,1,1,2-Tetrachloroethane	bis(2-Ethylhexyl)adipate	Dieldrin	0-Xylene
1,1,2-Trichloroethane	bis(2-Ethylhexyl)phthalate	Dinoseb	Odor
1,1,2,2-Tetrachloroethane	Bromoacetic Acid	Dioxin	Oxamyl
1,2-Dibromo-3-Chl.Propane	Bromobenzene	Diquat	Pentachlorophenol
1,2-Dibromoethane (EDB)	Bromochloromethane	Endothall	Picloram
1,2-Dichlorobenzene	Bromodichloromethane	Endrin	Propachlor
1,2-Dichloroethane	Bromoform	Ethylbenzene	Sec-Butylbenzene
1,2-Dichloropropane	Bromomethane	Flouroide	Selenium
1,2,3-Trichlorobenzene	Butachlor	Benzo(A)pyrene	Silver
1,2,3-Trichloropropane	Cadmium	Free Cyanide	Simazine
1,2,4-Trimethylbenzene	Carbaryl	Glyphosate	Styrene
1,2,4-Trichlorobenzene	Carbofuran	Heptachlor	Tert-Butylbenzene
1,3-Dichlorobenzene	Carbon Tetrachloride	Heptachloro Epoxide	Tetrachloroethene
1,3-Dichloropropane	Chlordane	Hexachlorobenzene	Toluene
1,3,5-Trimethylbenzene	Chloroacetic Acid	Hexachlorobutadiene	Total Aldicarbs
1,4-Dichlorobenzene	Chlorobenzene	Hexachlorocyclopentadiene	Total Haloacetic Acid
2-Chlorotoluene	Chlorodifluoromethane	Isopropylbenzene (Cumene)	Total PCBs
2,2-Dichloropropane	Chloroethane	Langlier Saturation Index LAS	Toxaphene Trans-
2,4-D 2,4,5-TP (Silvex)	Chloroform	Molecular Weight	1,2-Dichloroethene
3-Hydroxycarbofuran	Chloromethane	Lindane	Trans-1,3-Dichloropropene
4-Bromofluorobenzene	cis-1,2-Dichloroethene	M,P-Xylene	Trichloroacetic Acid
4-Chlorotoluene	cis-1,3-Dichloropropene	Mercury	Trichloroethane (TCE)
4-Isopropyltoluene (P-Cumene)	Color	Methomyl	Vinyl Chloride
Alachlor	Corrosivity	Methoxychlor	
Aldicarb	Cyanide	Methyl Tert.Butyl Ether (MTBE)	
Sulfone	Dalapon	Methylene Chloride	
Aldicarbsulfoxide	Detergents (MBAs)	Metolachlor	
Aldrin	Dibromoacetic Acid	Metribuzin	
Antimony	Dibromochloromethane	N-Butylbenzene	
Arsenic	Dibromomethane	N-Propylbenzene	