



2020 Drinking Water Quality Report

GARDEN CITY PARK WATER DISTRICT
PUBLIC WATER SUPPLY IDENTIFICATION NO. 2902825

2020 DRINKING WATER QUALITY REPORT

The Garden City Park Water District is pleased to present this year's Water Quality Report. The report is required to be delivered to all residents of our District in compliance with Federal and State regulations. This report is designed to inform you about the quality of 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. We also want you to understand the efforts we make to continually improve the water treatment process and protect our water supply. The Board of Water Commissioners and the District employees are committed to ensuring that you and your family receive the highest quality water.

SOURCE OF OUR WATER

The source of water for the District is groundwater pumped from the six (6) wells 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 good-to-excellent, although there are localized areas of contamination.

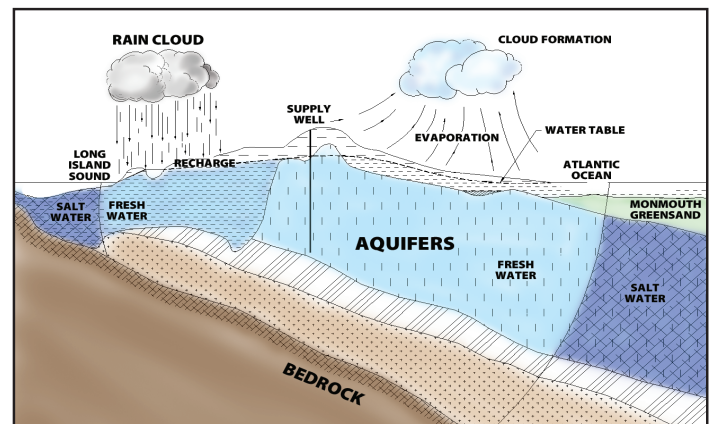
The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick 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 and the FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

The population served by the Garden City Park Water District during 2020 was 18,000. The total amount of water withdrawn from the aquifer

in 2020 was 1.05 billion gallons, of which approximately 91 percent was billed directly to consumers. The remaining 9 percent water loss can be attributed to fire fighting, water main flushing and system leaks.

THE LONG ISLAND AQUIFER SYSTEM



WATER TREATMENT

Prior to distribution to the consumer, the Garden City Park Water District provides treatment at all of its wells to improve the quality of the water pumped. 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. An air stripping tower at Plant No. 6 is utilized to treat potable water from Well No. 6 for the removal of volatile organic compounds. Similar treatment facilities are also utilized at Plant Nos. 7/10, 8 and 9. A granular activated carbon filter is used at Well No. 6 and 11 for the removal of volatile organic compounds. The District has constructed a GAC treatment system to remove PFOA at Well Nos. 6, 7, 9, 10 and 11. The District has also constructed an AOP treatment system to remove 1,4-Dioxane at Well Nos. 6 and 9. The District is also mandated to chlorinate the water supply with small amounts of chlorine. The chlorine disinfects the water to protect against the possibility of bacteria in the water supply.

COST OF WATER

The District utilizes a step billing schedule as shown in the table. The average consumer is being billed at \$2.20 per 1,000 gallons of water used.

QUARTERLY WATER RATES

Consumption (gallons)	Charges
Residential Rate - Up to 10,000	\$16.00
Residential Rate - Over 10,000	\$2.20/thousand gallons
Commercial Rate - Up to 20,000	\$55.00
Commercial Rate - Over 20,000	\$2.75/thousand gallons

WATER QUALITY

In accordance with State regulations, the Garden City Park 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 and synthetic organic contaminants. As listed in this newsletter, 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 that 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.

During 2020, the District collected 31 samples for lead and copper testing. The next round of samples will occur in 2023. 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. Garden City Park 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>.

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 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).

Water from the Garden City Park Water District has a slightly elevated nitrate level but is well below the maximum contaminant level of 10.0 parts per million. Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six 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 on-site septic systems. If you are caring for an infant, you should ask for advice from your health care provider.

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 2020, the Garden City Park Water District continued to implement a water conservation program in order to minimize any unnecessary water use. The pumpage for 2020 was 3 percent less than in 2019. This decrease can most likely be attributed to the cooler and wetter weather in the summer of 2020. The conservation program has been proven to be effective and will remain in effect in 2021.

Consumers should be aware that Nassau County Lawn Sprinkler Regulations of Odd-Even watering days are still in effect. In addition, the District feels it is necessary to impose increased water restrictions which prohibit irrigation between the hours of 6 a.m. and 6 p.m. 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). The District distributes "water conservation" rulers that include conservation tips and a leak estimator. We also distribute "toilet dye packs" that help detect silent toilet bowl leaks. For additional water conservation measures, please refer to the Water District's annual newsletter.

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 Garden City Park Water District, please contact Water District Superintendent Michael Levy at (516) 746-3194 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 on the second Wednesday of each month at 5:00 p.m. at the Water District office.

The Garden City Park 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 1-800-426-4791.

The Garden City Park Water District conducts over 10,000 water quality tests throughout the year, testing for over 130 different contaminants which have been undetected in our water supply including:

Selenium	Alachlor	Dioxin	Dibromomethane
Cadmium	Simazine	tert-Butylbenzene	Trans-1,3-Dichloropropene
Thallium	Atrazine	1,3,5-Trimethylbenzene	cis-1,3-Dichloropropene
Mercury	Metolachlor	N-Propylbenzene	1,1,2-Trichloroethane
Langlier Saturation Index	Metribuzin	Isopropylbenzene (Cumene)	1,3-Dichloropropane
Manganese	Butachlor	Styrene	Chlorobenzene
Silver	2,4-D	O-Xylene	1,1,1,2-Tetrachloroethane
Color	2,4,5-TP (Silvex)	Chloroform	Bromobenzene
Turbidity	Dinoseb	Bromodichloromethane	1,1,2,2-Tetrachloroethane
Odor	Dalapon	M,P-Xylene	1,2,3-Trichloropropane
Arsenic	Picloram	Ethylbenzene	2-Chlorotoluene
Chloride	Dicamba	N-Butylbenzene	4-Chlorotoluene
Zinc	Pentachlorophenol	Dichlorodifluoromethane	1,2-Dichlorobenzene
Nitrite	Hexachlorocyclopentadiene	Chloromethane	1,3-Dichlorobenzene
Total Coliform	bis(2-Ethylhexyl)adipate	Vinyl Chloride	1,4-Dichlorobenzene
MTBE	bis(2-Ethylhexyl)phthalate	Bromomethane	1,24-Trichlorobenzene
Detergents (MBAS)	Hexachlorobenzene	Chloroethane	Hexachlorobutadiene
Free Cyanide	Benzo(A)Pyrene	Trichlorofluoromethane	1,2,3-Trichlorobenzene
Antimony	Aldicarb Sulfone	Chlorodifluoromethane	Benzene
Beryllium	Aldicarb sulfonide	1,1-Dichloroethene	Toluene
Perchlorate	Aldicarb	Methylene Chloride	4-Isopropyltoluene (P-Cumene)
Lindane	Total Aldicarb	Trans-1,2-Dichloroethene	
Heptachlor	Oxamyl	1,1-Dichloroethane	
Aldrin	Methomyl	cis-1,2-Dichloroethene	
Heptachlor Epoxide	3-Hydroxycarbofuran	2,2-Dichloropropane	
Dieldrin	Carbofuran	Bromochloromethane	
Endrin	Carbaryl	1,1,1-Trichloroethane	
Methoxychlor	Glyphosate	Carbon Tetrachloride	
Toxaphene	Diquat	1,1-Dichloropropene	
Chlordane	Endosulfan	1,2-Dichloroethane	
Total PCBs	1,2-Dibromomethane (EDB)	Trichloroethene	
Propachlor	1,2-Dibromo-3-Chloropropane	1,2-Dichloropropane	
E. coli	Sec-Butylbenzene	1,2,4-Trimethylbenzene	

2020 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
Inorganic Contaminants							
Copper	No	June/July/ August 2020	0.0064 - 0.094 0.058 ⁽¹⁾	mg/L	1.3	AL = 1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Lead	No	June/July/ August 2020	ND - 2.2 ND ⁽¹⁾	ug/L	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Barium	No	01/27/20	0.014 - 0.029	mg/L	2.0	MCL - 2.0	Naturally occurring
Ammonia	No	01/28/20	ND - 0.13	mg/L	n/a	NONE	Naturally occurring
Sodium	No	03/16/20	18.8 - 44.0	mg/L	n/a	No MCL ⁽²⁾	Naturally occurring
Iron	No	03/16/20	ND - 29	ug/L	n/a	MCL = 300	Naturally occurring
Nickel	No	01/21/20	ND - 2.1	ug/L	n/a	No MCL	Naturally occurring
Magnesium	No	01/21/20	7.9 - 12.5	ug/L	n/a	No MCL	Naturally occurring
Chloride	No	01/21/20	40.0 - 51.2	mg/L	n/a	MCL = 250	Naturally occurring
Calcium	No	01/27/20	15.3 - 21.6	mg/L	n/a	No MCL	Naturally occurring
Nitrate	No	09/30/20	3.7 - 8.4	mg/L	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Sulfate	No	01/21/20	ND - 43.3	mg/L	n/a	MCL = 250	Naturally occurring
Volatile Organic Contaminants							
Tetrachloroethene	No	09/08/20	ND - 0.8	ug/L	0	MCL = 5	Industrial/Commercial discharge
Disinfection By-Products							
Total Trihalomethanes (TTHMs)	No	10/16/20	ND - 2.1	ug/L	n/a	MCL = 80	Disinfection By-Products
Radionuclides							
Gross Alpha	No	06/03/20	1.78 - 3.4	pCi/L	0	MCL = 15	Naturally occurring
Gross Beta	No	11/30/20	1.05 - 2.79	pCi/L	0	MCL = 50	Naturally occurring
Radium 226 & 228	No	11/30/20	1.35 - 2.9	pCi/L	0	MCL = 5 ⁽³⁾	Naturally occurring
Uranium	No	06/03/20	0.89 - 1.7	ug/L	n/a	MCL = 30	Naturally occurring
Disinfectants							
Chlorine Residual	No	12/01/20	2.0 - 1.5	mg/L	n/a	MRDL = 4.0	Measure of Disinfectant
Physical Characteristics							
pH	No	03/16/20	7.1 - 8.1	pH units	n/a	7.5 - 8.5 ⁽⁴⁾	Measure of acidity or alkalinity
Calcium Hardness	No	01/21/20	39.5 - 51.4	mg/L	n/a	No MCL	Naturally occurring
Total Hardness	No	01/21/20	75.4 - 103.0	mg/L	n/a	No MCL	Naturally occurring
Total Alkalinity	No	03/16/20	16.8 - 66.3	mg/L	n/a	No MCL	Naturally occurring
Total Dissolved Solids (TDS)	No	03/16/20	166.0 - 226.0	mg/L	n/a	No MCL	Naturally occurring
UCMR3							
Perfluorobutanesulfonic Acid	No	10/14/20	ND - 3.3	ng/L	0	MCL = 50,000	Industrial discharge
Perfluoroheptanoic Acid	No	09/30/20	ND - 3.7	ng/L	0	MCL = 50,000	Industrial discharge
Perfluorohexanesulfonic Acid	No	09/17/20	ND - 10.8	ng/L	0	MCL = 50,000	Industrial discharge
Perfluorononanoic Acid (PFNA)	No	09/17/20	ND - 9.3	ng/L	0	MCL = 50,000	Industrial discharge
Synthetic Organic Contaminants (SOCs)							
1,4-Dioxane	No	03/31/20 09/30/20	ND - 1.2 ND - 1.1	ug/L	n/a	HA = 35 ⁽⁵⁾ MCL = 1.0	Industrial discharge
Perfluorooctanoic Acid (PFOA)	No	01/27/20 12/11/20	ND - 9.3 ND - 9.7	ng/L	0	HA = 70 ⁽⁶⁾ MCL = 10.0	Industrial discharge ⁽⁷⁾
Perfluorooctanesulfonic Acid (PFOS)	No	01/30/20 11/30/20	ND - 14.1 ND - 14.1	ng/L	0	HA = 70 ⁽⁶⁾ MCL = 10.0	Industrial discharge ⁽⁷⁾
Unregulated Contaminant Monitoring Rule - Phase 4 (UCMR4)⁽⁴⁾							
Manganese	No	01/17/19	0.62 - 30.8	ug/L	n/a	MCL = 300 ⁽⁸⁾	Naturally occurring
HAA5	No	07/30/19	0.33 - 1.3	ug/L	n/a	MCL = 60	Disinfection By-Products
HAA6Br	No	07/30/19	0.33 - 2.06	ug/L	n/a	No MCL	Disinfection By-Products
HAA9	No	07/30/19	0.33 - 2.06	ug/L	n/a	No MCL	Disinfection By-Products

Definitions:

Maximum Contaminant Level (MCL) - 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. MCLGs allow for a margin of safety.

Maximum Residual Disinfection Level (MRDL) - 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.

Definitions Continued:

Maximum Residual Disinfection Level Goal (MRDLG) - 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.

Health Advisory (HA) - 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.

Action Level (AL) - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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).

Nanograms (ng/L) - Corresponds to one part of liquid in one trillion parts of liquid. (Parts per trillion-ppt).

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 2020, we collected and analyzed 31 samples for lead and copper. The action levels for both lead and copper were not exceeded at any site tested. 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. In our sampling program, the 90th percentile value is the 4th highest result.

⁽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.

⁽³⁾ - MCL for Radium 226 and 228 is a combined total Radium = 5 pCi/L.

⁽⁴⁾ - As per Nassau County Department of Health guidelines.

⁽⁵⁾ - 1,4-Dioxane -The New York State (NYS) has established an MCL for 1,4-dioxane at 1 part per billion(ppb) effective August 26, 2020.

⁽⁶⁾ - The US environmental Protection Agency (EPA) has established a life time health advisory level (HAL) of 70 parts per trillion (ppt) for PFOA and PFOS combined. The New York State (NYS) maximum contaminant level (MCL) is 10 ppt for PFOA and 10 ppt for PFOS as of August 26, 2020.

⁽⁷⁾ - PFOA/PFOS has been used to make carpets, leathers, textiles, fabrics for furniture, paper packaging, and other materials that are resistant to water, grease, or stains. It is also used in firefighting foams. Many of these uses have been phased out by its primary U.S. manufacturer; however, there are still some ongoing uses.

⁽⁸⁾ - If iron and manganese are present, the total concentration of both should not exceed 500 ug/L.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Deferral Issued for PFOA, PFOS and 1,4-Dioxane in the Garden City Park Water District

WHY ARE YOU RECEIVING THIS NOTICE/INFORMATION?

You are receiving this notice because testing of our public water system found the chemicals perfluorooctanoic acid (PFOA), perfluorooctanesulfonic acid (PFOS) and 1,4-Dioxane in your drinking water above New York State's maximum contaminant level (MCL) of 10 ppt for PFOA/PFOS and 1 ppb for 1,4-dioxane. The MCLs are set well below levels known to cause health effects in animal studies. Therefore, consuming water with PFOA, PFOS or 1,4-dioxane at the level detected does not pose a significant health risk. Your water continues to be acceptable for all uses.

The Garden City Park Water District has submitted, and the New York State Department of Health (Department) has issued, a deferral to the Garden City Park Water District. When a public water system is issued a deferral, the water system agrees to a schedule for corrective action and compliance with the new MCLs. In exchange, the Department agrees to defer enforcement actions, such as assessing fines, if the water district is meeting the established deadlines. We are required to update the Department and the Nassau County Department of Health each calendar quarter on the status of our projects. If we do not meet the agreed upon deadlines, the Department can resume enforcement.

WHAT ARE THE HEALTH EFFECTS OF PFOA AND PFOS?

The available information on the health effects associated with PFOA and PFOS, like many chemicals, comes from studies of high-level exposure in animals or humans. Less is known about the chances of health effects occurring from lower levels of exposure, such as those that might occur in drinking water. As a result, finding lower levels of chemicals in drinking water prompts water suppliers and regulators to take precautions that include notifying consumers and steps to reduce exposure.

PFOA and PFOS has caused a wide range of health effects when studied in animals that were exposed to high levels. Additional studies of high-level exposures of PFOA and PFOS in people provide evidence that

some of the health effects seen in animals may also occur in humans. The most consistent findings in animals were effects on the liver and immune system and impaired fetal growth and development. The United States Environmental Protection Agency considers PFOA and PFOS as having suggestive evidence for causing cancer based on studies of animals exposed to high levels of this chemical over their entire lifetimes.

At the level of PFOA and PFOS detected in your water, exposure from drinking water and food preparation is well below PFOA and PFOS exposures associated with health effects.

WHAT ARE THE HEALTH EFFECTS OF 1,4-DIOXANE?

Laboratory studies show that 1,4-dioxane caused liver cancer in animals exposed at high levels throughout their lifetime. Other types of cancer have also been reported, although less consistently than liver cancer. There is no evidence of 1,4-dioxane cancer effects in humans. The United States Environmental Protection Agency considers 1,4-dioxane a likely human carcinogen based upon studies of animals exposed to high levels of this chemical over their entire lifetimes.

At the level of 1,4-dioxane detected in your water, exposure from drinking water and food preparation is well below 1,4-dioxane exposures associated with health effects.

WHAT IS NEW YORK STATE DOING ABOUT PFOA, PFOS AND 1,4-DIOXANE IN PUBLIC DRINKING WATER?

The New York State Department of Health (NYS DOH) has adopted a drinking water regulation that requires all public water systems to test for PFOA, PFOS and 1,4-dioxane. If found above the MCLs, the water supplier

must take steps to lower the level to meet the standard. Exceedances of the MCL signal that steps should be taken by the water system to reduce contaminant levels.

WHAT IS BEING DONE TO REMOVE THESE CONTAMINANTS?

The Garden City Park Water District began to take the initial steps to evaluate advanced water treatment technologies addressing these new contaminants beginning in mid-2018, nearly a year before the State proposed these regulations. Of the six District wells, two were demonstrated to be operating with existing treatment in compliance with the new regulations. New treatment at two additional wells was approved to operate in October 2020. The District has restricted the remaining

two wells until treatment for 1,4-Dioxane, PFOA and PFOS has been installed and is approved to operate. Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible. The deferral is effective until June 25, 2022.

WHERE CAN I GET MORE INFORMATION?

For more information, please contact the Garden City Park Water District at 516-746-3194 or 333 Marcus Ave. Garden City Park, NY 11040. You can also contact the Nassau County Department of Health at 516-227-9692.

If you have additional questions about these contaminants and your health, talk to your health care provider who is most familiar with your

health history and can provide advice and assistance about understanding how drinking water may affect your personal health.

Public Water System ID# NY2902825

Date 01/25/2021

Copies of the Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2020, are available at the Garden City Park Water District office which is located at 333 Marcus Avenue, Garden City Park, New York and the local Public Library.

We, at the Garden City Park 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 supply which will improve our way of life and our children's future.

INFORMATION FOR NON-ENGLISH SPEAKING RESIDENTS

Spanish Este informe contiene información muy importante sobre su agua beber. Tradúzcalo ó hable con alguien que lo entienda bien.

SOURCE WATER ASSESSMENT

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 six (6) wells. The source water assessment has rated five (5) of the wells as having a very high susceptibility to industrial solvents and one (1) well with a high susceptibility to nitrates. The elevated susceptibility to industrial solvents and nitrates is due primarily to point sources of contamination related to commercial/industrial facilities and related activities in the assessment area. In addition, the high susceptibility to nitrates is also attributable to unsewered 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.

MCL DEFERRAL

In January 2021, the District received a deferral from the new Maximum Contaminant Level (MCL) established by the New York State Department of Health for 1,4-Dioxane, PFOA and PFOS. This deferral delays the 1.0 ppb MCL for 1,4-Dioxane and 10.0 ppt MCL for PFOA and PFOS up until June 25, 2022, to allow the District time to construct treatment facilities. For more information on the deferral, please visit <https://www.gcpwater.org/Deferral.html>. The District will also be providing quarterly updates to the emerging contaminant MCL Deferral as presented on our website <https://www.gcpwater.org/DeferralReports/DeferralQuarterlyUpdateReport.pdf>.



2020 Drinking Water Quality Report

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Garden City Park, NY 11040

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VISIT OUR WEBSITE: www.gcpwater.org

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PFOA and PFOS has caused a wide range of health effects when studied in animals that were exposed to high levels. Additional studies of high-level exposures of PFOA and PFOS in people provide evidence that some of the health effects seen in animals may also occur in humans. The most consistent findings in animals were effects on the liver and immune system and impaired fetal growth and development. The United States Environmental Protection Agency considers PFOA and PFOS as having suggestive evidence for causing cancer based on studies of animals exposed to high levels of this chemical over their entire lifetimes.

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What are the health effects of 1,4-dioxane?

Laboratory studies show that 1,4-dioxane caused liver cancer in animals exposed at high levels throughout their lifetime. Other types of cancer have also been reported, although less consistently than liver cancer. There is no evidence of 1,4-dioxane cancer effects in humans. The United States Environmental Protection Agency considers 1,4-dioxane a likely human carcinogen based upon studies of animals exposed to high levels of this chemical over their entire lifetimes.

At the level of 1,4-dioxane detected in your water, exposure from drinking water and food preparation is well below 1,4-dioxane exposures associated with health effects.

What is New York State doing about PFOA, PFOS and 1,4-Dioxane in public drinking water?

The New York State Department of Health (NYS DOH) has adopted a drinking water regulation that requires all public water systems to test for PFOA, PFOS and 1,4-dioxane. If found above the MCLs, the water supplier must take steps to lower the level to meet the standard. Exceedances of the MCL signal that steps should be taken by the water system to reduce contaminant levels.

What is being done to remove these contaminants?

The Garden City Park Water District began to take the initial steps to evaluate advanced water treatment technologies addressing these new contaminants beginning in mid-2018, nearly a year before the State proposed these regulations. Of the six District wells, two were demonstrated to be operating with existing treatment in compliance with the new regulations. New treatment at two additional wells was approved to operate in October 2020. The District has restricted the remaining two wells until treatment for 1,4-Dioxane, PFOA and PFOS has been installed and is approved to operate. Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible. The deferral is effective until June 25, 2022.

Where can I get more information?

For more information, please contact the Garden City Park Water District at 516-746-3194 or 333 Marcus Ave. Garden City Park, NY 11040. You can also contact the Nassau County Department of Health at 516-227-9692.

If you have additional questions about these contaminants and your health, talk to your health care provider who is most familiar with your health history and can provide advice and assistance about understanding how drinking water may affect your personal health.

Public Water System ID# NY2902825

Date 01/25/2021

SOURCE WATER ASSESSMENT

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 six (6) wells. The source water assessment has rated five (5) of the wells as having a very high susceptibility to industrial solvents and one (1) well with a high susceptibility to nitrates. The elevated susceptibility to industrial solvents and nitrates is due primarily to point sources of contamination related to commercial/industrial facilities and related activities in the assessment area. In addition, the high susceptibility to nitrates is also attributable to unsewered 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.

MCL DEFERRAL

In January 2021, the District received a deferral from the new Maximum Contaminant Level (MCL) established by the New York State Department of Health for 1,4-Dioxane, PFOA and PFOS. This deferral delays the 1.0 ppb MCL for 1,4-Dioxane and 10.0 ppt MCL for PFOA and PFOS up until June 25, 2022, to allow the District time to construct treatment facilities. For more information on the deferral, please visit <https://www.gcpwater.org/Deferral.html>. The District will also be providing quarterly updates to the emerging contaminant MCL Deferral as presented on our website <https://www.gcpwater.org/DeferralReports/DeferralQuarterlyUpdateReport.pdf>.

A PUBLICATION OF THE GARDEN CITY PARK WATER/FIRE DISTRICT

Garden City Park Water/Fire District
333 Marcus Avenue
P.O. Box 806
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New Hyde Park, NY 11040
PERMIT No. 1502

Copies of the Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2020, are available at the Garden City Park Water District office which is located at 333 Marcus Avenue, Garden City Park, New York and the local Public Library.

We, at the Garden City Park 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 supply which will improve our way of life and our children's future.

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (mg/l)		MAX. CONT. LEVEL	DETECT. LIMITS		WELL NO. 6 N-5603 ⁽²⁾		WELL NO. 7 N-6945 ⁽¹⁾		WELL NO. 8 N-7512 ⁽¹⁾		WELL NO. 9 N-8409 ⁽¹⁾		WELL NO. 10 N-9768 ⁽¹⁾		WELL NO. 11 N-10612 ⁽¹⁾	
					MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
INORGANIC																
ARSENIC	10.0 ug/l	3.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l			0.019/0.02	0.029	0.029	0.013	0.013	0.013	0.029	0.029	0.014	0.014	0.022/0.022	0.022/0.022
CADMIUM	5.0 ug/l	5.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COPPER	[1-3] mg/l	0.02 mg/l			0.0064/ND	0.011	0.011	0.005	0.005	0.005	ND	ND	ND	ND	ND/0.0041	ND/0.0041
FLUORIDE	2.2 mg/l	0.1 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LANGIER SATURATION INDEX																
SELENIUM	50 ug/l	None			-2.59/-0.54	-2.52	-2.52	-1.21	-1.21	-1.21	-2.74	-2.74	-2.51	-2.51	-2.20/-2.30	-2.20/-2.30
SILVER	0.1 mg/l	5.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	0.1 mg/l	0.01 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l			25.9/33.0	23	23	41.8	41.8	41.8	25.5	25.5	19.8	19.8	18.8/18.8	18.8/18.8
ZINC	5.0 mg/l	0.02 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TURBIDITY	5 Units	1 Unit			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units			ND/1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l			0.41/0.13	ND	ND	1.9	1.9	1.9	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	1.0 mg/l			4.5 ^(b) /5.2 ^(b)	3.7 ⁽²⁾	3.7	1.4 ⁽²⁾	1.4	1.4	8.4 ^(3a) /5.0 ^(2b)	6.9/3.7	4.3 ⁽²⁾	4.3	4.5 ^(1b) /5.0 ^(1b)	3.6/4.0
CHLORIDE	250 mg/l	1.0 mg/l			47.7/48.9	51.2	51.2	65.3	65.3	65.3	46.9	46.9	40.0	40.0	42.6/41.8	42.6/41.8
TOTAL HARDNESS	None	1.0 mg/l			77.0/79.4	78.2	78.2	168.0	168.0	168.0	86.4	86.4	75.4	75.4	102.0/103.0	102.0/103.0
TOTAL ALKALINITY	None	0 mg/l			28.5/41.6	28.4	28.4	141.0	141.0	141.0	16.8	16.8	33.8	33.8	44.5/43.9	44.5/43.9
pH (BEFORE TREATMENT)	None	None			6.4/8.2	6.2/7.1	6.5 ⁽²⁾	7.0 ⁽²⁾	6.8	6.8	6.3 ⁽²⁾	6.2	6.2	6.2	6.5 ⁽²⁾ /6.5 ⁽²⁾	6.5/6.4
TOTAL DISSOLVED SOLIDS	None	5.0 mg/l			175.0/182.0	172.0	172.0	265.0	265.0	265.0	191.0	191.0	166.0	166.0	177.0/183.0	177.0/183.0
CALCIUM HARDNESS	None	1.0 mg/l			41.7/44.4	39.5	39.5	86.1	86.1	86.1	53.9	53.9	38.2	38.2	51.7/51.4	51.7/51.4
DETERGENTS (MBAS)	None	0.08 mg/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SULFATE	250 mg/l	5.0 mg/l			36.0/33.9	ND	ND	29.8	29.8	29.8	37.6	37.6	22.5	22.5	43.5/43.3	43.5/43.3
FREE CYANIDE	200 ug/l	10.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ANTIMONY	6.0 ug/l	5.9 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	3.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CALCIUM	None	1.0 mg/l			16.7/17.8	15.8	15.8	34.5	34.5	34.5	21.6	21.6	15.3	15.3	20.7/20.6	20.7/20.6
MAGNESIUM	None	1.0 mg/l			8.6/8.5	9.4	9.4	19.8	19.8	19.8	7.9	7.9	9.0	9.0	12.3/12.5	12.3/12.5
NICKEL	0.1 mg/l	0.0005 mg/l			0.0007/50.00062	ND	ND	0.00096	0.00096	0.00096	0.00051	0.00051	0.0021	0.0021	0.00067/0.00067	0.00067/0.00067
THALLIUM	2.0 ug/l	0.3 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERCHLORATE	18 ug/l	1.0 ug/l			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

** - 20 mg/l IS THE LIMIT FOR PEOPLE ON HIGHLY RESTRICTED SODIUM DIETS AND 270 mg/l FOR THOSE ON MODERATELY RESTRICTED SODIUM DIETS

[] - USEPA/NSD ACTION LEVEL

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603 ⁽¹⁾		WELL NO. 7 N-6945		WELL NO. 8 N-7512 ⁽¹⁾		WELL NO. 9 N-8409		WELL NO. 10 N-9768		WELL NO. 11 N-10612		
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	
SYNTHETIC ORGANICS CONTAMINANTS (SOC)															
LINDANE	0.2 ug/l	0.025 ug/l	ND	ND	NOT TESTED	ND	ND	NOT TESTED	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND		ND	ND		ND						ND
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND		ND	ND		ND						ND
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND		ND	ND		ND						ND
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND		ND	ND		ND						ND
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND		ND	ND		ND						ND
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND		ND	ND		ND						ND
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND		ND	ND		ND						ND
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND		ND	ND		ND						ND
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND		ND	ND		ND						ND
PROPACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ALACHLOR	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
SIMAZINE	4.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
ATRAZINE	3.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
METOLACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
METRIBUZIN	50.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
BUTACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

CONT. - CONTAMINANT

ND - NOT DETECTED

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2020.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603 ⁽¹⁾		WELL NO. 7 N-6945		WELL NO. 8 N-7512 ⁽¹⁾		WELL NO. 9 N-8409		WELL NO. 10 N-9768		WELL NO. 11 N-10612	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>SYNTHETIC ORGANICS CONTAMINANTS (SOC)</u> (CONT'D.)														
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.56 ⁽⁸⁾	0.49	0.14 ⁽⁵⁾	0.13	9.4 ⁽⁹⁾ /8.6 ⁽¹⁾	6.9/8.6	1.2 ⁽¹⁰⁾	1.1	0.27 ⁽⁵⁾	0.19	0.17 ⁽⁹⁾	0.13
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND	NOT TESTED	NOT TESTED	0.13 ⁽²⁾	0.07	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DINOSEB	7.0 ug/l	0.2 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DALAPON	200 ug/l	0.7 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
PICLORAM	500 ug/l	0.6 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ALDICARB	3.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
OXAMYL	200 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
METHOMYL	50.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CARBOFURAN	40.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CARBARYL	50.0 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
GLYPHOSATE	700 ug/l	10.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIQUAT	20 ug/l	1.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ENDOTHALL	100 ug/l	50.0 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
1,2-DIBROMO-3-CHL. PROPANE	0.2 ug/l	0.02 ug/l	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIOXIN	30 Pg/L	5.0 Pg/L	ND	ND	NOT TESTED	NOT TESTED	ND	ND	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

Pg/L - PICOGRAMS PER LITER

NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL NOT TESTED IN 2020.

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

**GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603 ⁽²⁰⁾		WELL NO. 7 N-6945 ⁽¹⁴⁾		WELL NO. 8 N-7512 ⁽⁷⁾		WELL NO. 9 N-8409 ⁽⁹⁾		WELL NO. 10 N-9768 ⁽¹³⁾		WELL NO. 11 N-10612 ⁽²⁶⁾	
			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
TRIHALOMETHANES AND HALOACETIC ACIDS														
CHLOROACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROACETIC ACID	---	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOACETIC ACID	---	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	0.53/ND	0.06/ND	ND	ND
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	0.53/ND	0.06/ND	ND	ND
RADIONUCLIDES														
GROSS ALPHA	15 pCi/L	< 3 pCi/L	3.4 ⁽¹⁾	3.4	1.78 ⁽¹⁾	1.78	3.25 ⁽¹⁾	3.25	3.29 ⁽¹⁾	3.29	2.02 ⁽¹⁾	2.02	2.78 ⁽¹⁾	2.78
GROSS BETA	50 pCi/L	< 3 pCi/L	1.05 ⁽¹⁾	1.05	2.27 ⁽¹⁾	2.27	3.00 ⁽¹⁾	3.00	2.3 ⁽¹⁾	2.3	2.79 ⁽¹⁾	2.79	2.35 ⁽¹⁾	2.35
RADIUM 226 & 228 COMBINED	5 pCi/L	< 3 pCi/L	2.19 ⁽²⁾	1.09	2.48 ⁽²⁾	1.24	3.40 ⁽²⁾	1.70	2.81 ⁽²⁾	1.41	2.9 ⁽²⁾	1.45	1.345 ⁽²⁾	0.67
URANIUM	30 ug/l	< 3 ug/l	1.7 ⁽¹⁾	1.70	0.89 ⁽¹⁾	0.89	1.63 ⁽¹⁾	1.63	1.65 ⁽¹⁾	1.65	1.01 ⁽¹⁾	1.01	1.39 ⁽¹⁾	1.39

CONT. - CONTAMINANT

ND - NOT DETECTED

pCi/L - pico Curies per Liter

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603		WELL NO. 7 N-6945		WELL NO. 8 N-7512		WELL NO. 9 N-8409		WELL NO. 10 N-9768		WELL NO. 11 N-10612	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
BROMIDE			NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
VOLATILES														
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	1.1 ⁽⁹⁾ ND	0.2ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-BUTADIENE	50 ug/l	0.1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORODIFLUOROMETHANE	5.0 ug/l	0.08 ug/l	ND	ND	ND	ND	2.2 ⁽⁷⁾	1.7	ND	ND	0.55 ⁽¹⁾	0.55	ND	ND
CHLOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROCEMICALS														
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	900 ng/l	ND	ND	ND	ND	3.3 ⁽⁸⁾ ND	0.42ND	ND	ND	ND	ND	ND	ND
PERFLUOROHEPTANOIC ACID	50,000 ng/l	10 ng/l	4.6 ⁽⁹⁾ ND	3.9ND	3.2 ⁽⁵⁾ ND	2.8ND	6.2 ⁽⁸⁾ /6.1 ⁽¹⁾	5.0/6.1	3.7 ⁽⁹⁾	2.9	ND	ND	4.9 ⁽¹⁰⁾ /3.4 ⁽¹⁰⁾	ND
PERFLUOROHXANESULFONIC ACID	50,000 ng/l	30 ng/l	6.9 ⁽⁹⁾ /2.7 ⁽⁹⁾	6.0/0.3	8.9 ⁽⁹⁾ ND	8.3ND	5.4 ⁽⁸⁾ /3.7 ⁽¹⁾	4.2/3.7	5.6 ⁽⁹⁾	4.3	4.3 ⁽⁹⁾ ND	3.8ND	31.0 ⁽¹⁰⁾ /10.8 ⁽¹⁰⁾	4.2/1.6
PERFLUORONONANOIC ACID	50,000 ng/l	20 ng/l	10.6 ⁽⁹⁾ ND	9.5ND	6.3 ⁽⁵⁾ ND	5.4ND	3.2 ⁽⁸⁾ /2.8 ⁽¹⁾	2.6/2.8	2.5 ⁽⁹⁾	0.5	5.2 ⁽⁵⁾ ND	4.6ND	34.5 ⁽¹⁰⁾ /9.3 ⁽¹⁰⁾	25.2/4.1
PERFLUOROOCTANESULFONIC ACID	10 ng/l	40 ng/l	14.6 ⁽⁹⁾ ND	12.8ND	14.1 ⁽⁵⁾ ND	13.2ND	15.4 ⁽⁸⁾ /12.1 ⁽¹⁾	13.4/12.1	5.3 ⁽⁹⁾	4.7	6.6 ⁽⁵⁾ ND	5.9ND	102.0 ⁽¹⁰⁾ /11.9 ⁽¹⁰⁾	29.3/3.1
PERFLUOROOCTANOIC ACID	10 ng/l	20 ng/l	20.7 ⁽⁹⁾ /3.5 ⁽⁹⁾	17.5/0.7	9.3 ⁽⁵⁾ ND	8.3ND	64.0 ⁽⁸⁾ /46.8 ⁽¹⁾	46.9/46.8	9.7 ⁽⁹⁾	8.6	5.6 ⁽⁵⁾ ND	5.1ND	9.1 ⁽¹⁰⁾ /4.5 ⁽¹⁰⁾	88.2/3.5
METALS														
CHROMIUM	100 ug/l	0.2 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
COBALT		1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
MOLYBDENUM		1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
STRONTIUM		0.3 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
VANADIUM		0.2 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HEXAVALENT CHROMIUM		0.03 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CHLORATE		20 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HORMONES														
17-ALPHA-ETHINYLESTRADIOL	50 ug/l	0.0004 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
17-BETA-ESTRADIOL	50 ug/l	0.0009 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
4-ANDROSTENE-3,17-DIONE	50 ug/l	0.0003 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
EQUILIN	50 ug/l	0.004 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ESTRIOL	50 ug/l	0.0008 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ESTRONE	50 ug/l	0.002 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TESTOSTERONE	50 ug/l	0.0001 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603		WELL NO. 7 N-6945		WELL NO. 8 N-7512		WELL NO. 9 N-8409		WELL NO. 10 N-9768		WELL NO. 11 N-10612	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
UCMR4														
GERMANIUM		0.3 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
MANGANESE		0.04 mg/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
ALPHA-HEXACHLOROCYCLOHEXANE		0.01 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
CHLORPYRIFOS		0.03 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
DIMETHIPIN		0.2 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
ETHOPROP		0.03 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
OXYFLUORFEN		0.05 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
PROFENOFOS		0.3 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
TEBUCONAZOLE		0.2 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
TOTAL PERMETHRIN (cis - & trans-)		0.04 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
TRIBUFOS		0.07 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
BUTYLATED HYDROXYANISOLE		0.03 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
o-TOLLUIDINE		0.007 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
QUINOLINE		0.02 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
1-BUTANOL		2.0 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
2-METHOXYETHANOL		0.4 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
2-PROPEN-1-OL		0.5 ug/l	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
HAA5 (5 regulated Haloacetic Acids)		None	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
HAA6Br (6 brominated Haloacetic Acids)		None	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	
HAA9 (9 Haloacetic Acids)		None	NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED		NOT TESTED	

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA

PARAMETERS (ug/l)		MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603 ⁽²⁶⁾		WELL NO. 7 N-6945 ⁽¹⁴⁾		WELL NO. 8 N-7512 ⁽⁷⁾		WELL NO. 9 N-8405 ⁽⁹⁾		WELL NO. 10 N-9768 ⁽¹³⁾		WELL NO. 11 N-10612 ⁽²⁶⁾	
				MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
VOLATILE ORGANICS															
DICHLORODIFLUOROMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	0.78/ND	0.3/ND	3.7	2.5	ND	ND	ND	ND	ND	ND
CHLOROMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
VINYL CHLORIDE		2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROFUOROMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	4.4	3.3	0.9/ND	0.2/ND	ND	ND	ND	ND
METHYLENE CHLORIDE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROETHANE		5.0 ug/l	0.5 ug/l	ND	ND	2.6/ND	2.3/ND	0.8	0.7	1.1/ND	0.2/ND	ND	ND	ND	ND
cis-1,2 DICHLOROETHENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-DICHLOROPROPANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOCHLOROMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	0.6	0.3	ND	ND	ND	ND	ND	ND
CARBON TETRACHLORIDE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-DICHLOROPROPENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRICHLOROETHENE		5.0 ug/l	0.5 ug/l	2.1/ND	0.94/ND	8.2	7.1	0.78/ND	1.2/0.5	0.8/0.04	ND	ND	ND	ND	ND
1,2-DICHLOROPROPANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIBROMOMETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-DICHLOROPROPENE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE		5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TETRACHLOROETHENE		5.0 ug/l	0.5 ug/l	***126.0/ND	***96.5/ND	3.1/ND	2.4/ND	ND	ND	***7.6/ND	***5.1/ND	***11.3/0.8	***8.0/0.1	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

*** - EXCEEDS NEW YORK STATE/USEPA LIMITS FOR POTABLE WATER. (NOTE: THIS IS RAW WATER TEST RESULTS BEFORE TREATMENT)

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA (continued)

MAX. CONT. LEVEL		DETECT. LIMITS	WELL NO. 6 N-5603 ⁽²⁰⁾		WELL NO. 7 N-6945 ⁽¹⁴⁾		WELL NO. 8 N-7512		WELL NO. 9 N-8409 ⁽⁹⁾		WELL NO. 10 N-9768 ⁽¹³⁾		WELL NO. 11 N-10612 ⁽²⁶⁾	
PARAMETERS (ug/l)			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
VOLATILE ORGANICS (CONT'D.)														
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	1.9/ND	1.6/ND	ND	ND	ND	ND	ND	ND
1,1,1,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	1.0/ND	0.7/ND	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

*** - EXCEEDS NEW YORK STATE/USEPA LIMITS FOR POTABLE WATER

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR

GARDEN CITY PARK WATER DISTRICT
2020 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 6 N-5603 ⁽²⁰⁾		WELL NO. 7 N-6945 ⁽¹⁴⁾		WELL NO. 8 N-7512		WELL NO. 9 N-8409 ⁽⁹⁾		WELL NO. 10 N-9768 ⁽¹³⁾		WELL NO. 11 N-10612 ⁽²⁶⁾	
			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)
VOLATILE ORGANICS (CONT'D.)														
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYL TERT-BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	1.1/ND	0.9/ND	0.7/ND	0.1/ND	0.62/ND	0.18/ND	ND	ND	ND	ND	1.8/ND	1.2/ND

CONT. - CONTAMINANT

ND - NOT DETECTED

() - NUMBER OF SAMPLES COLLECTED AND TESTED DURING THE YEAR