

# 2021 drinking water quality report

DIX HILLS WATER DISTRICT

PUBLIC WATER SUPPLY IDENTIFICATION NO. 5103276

## ANNUAL WATER SUPPLY REPORT

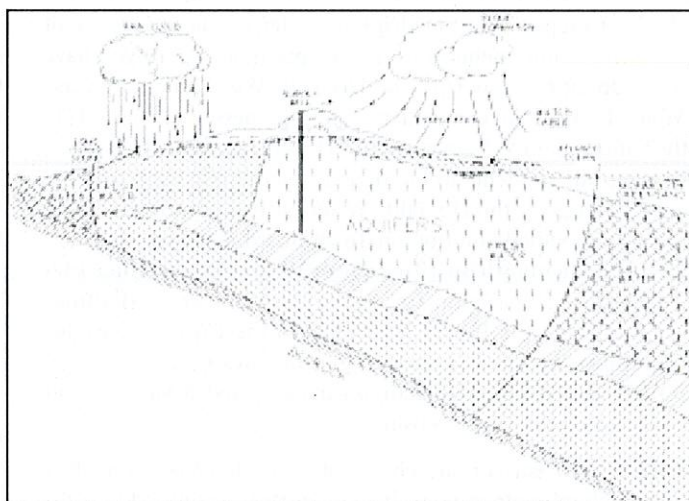
SPRING 2022

Each year, to comply with Federal and State requirements, the Dix Hills Water District sends you an annual Water Quality Report, and as in past years, the 2021 Water Quality Report notes that we are in full compliance with all Federal, State and County water quality regulations. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. The Huntington Town Board 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 17 wells located throughout the community that are drilled into the Glacial and Magothy aquifers 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 water from these areas is treated by the District to remove any contaminants prior to the delivery of any water to the consumer.

The population served by the Dix Hills Water District during 2021 was 41,000. The total amount of water withdrawn from the aquifer in 2021 was 1.98 billion gallons, of which approximately 96 percent was billed directly to consumers. The remaining 4 percent is considered unaccounted for water due to leaks, fire fighting and water main flushing.



THE LONG ISLAND AQUIFER SYSTEM

## WATER TREATMENT

The Dix Hills 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 adds small amounts of calcium hypochlorite (chlorine) as a disinfection agent and to prevent the growth of bacteria in the distribution system. Due to detectable levels of Volatile Organic Compounds (VOCs), granular activated carbon (GAC) filters have been installed at Plants No. 1, 5, and 8. The District is also in the process of designing and constructing an Advanced Oxidation Process (AOP) system at Well No. 5 to remove the emerging contaminant 1,4-Dioxane which was detected at notable levels in Well No. 5. Well No. 5 has been removed from service since 2019 and will not be used as a water supply source until the treatment system is in service. The Town is also proud to announce that it was recently notified that New York State awarded Dix Hills Water District a grant in the amount of \$3.0 million for the construction of an AOP System at Well No. 8 on Ryder Avenue for the removal of low level 1,4-Dioxane.

Copies of a Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2021, are available at the Dix Hills Water District office located at 683 Caledonia Road in Dix Hills, New York and at the Half Hollow Hills Public Library.

All of us at Dix Hills 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 futures.



## WATER CONSERVATION MEASURES

In 2021 the Dix Hills Water District continued to implement a water conservation program in order to minimize any unnecessary water use. The District pumped approximately the same amount of water in 2021 than in 2020. This consistency can be explained by the Water Conservation Program maintained by the District.

**From May 1st through September 30th, the District has established mandatory irrigation restrictions following the ODD and EVEN day of the month / ODD and EVEN house addresses schedule. Failure to comply with the lawn watering restrictions may result in fines.** The District wishes to inform all of its residents that water conservation is in everyone's best interest.

## WATER QUALITY

In accordance with State regulations, the Dix Hills 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, synthetic organic contaminants and radiological contaminants. Over 135 separate parameters are tested for in each of our wells numerous times each 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 affects.

## CONTACTS FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements with the exception of iron. If you have any questions about this report or the Dix Hills Water District, please contact Water District Superintendent John Hennessey at (631) 421-1812 or the Suffolk County Department of Health Services at (631) 852-5810. We want our residents to be informed about our water system. Major issues concerning the Dix Hills Water District can be discussed at the regularly scheduled Huntington Town Board meetings. They are normally held **once a month on a Tuesday or Wednesday at either 2:00 p.m. or 7:00 p.m.** at Huntington Town Hall, 100 Main Street, Huntington. Please check with the Town Clerk's office or the Town's home page at <http://huntingtonny.gov> for exact times and dates of the meetings. Due to COVID-19 restrictions, meetings can be viewed at Meetings On Demand as listed on the Town website.

The Dix Hills 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 or [www.epa.gov/safewater](http://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, and people with HIV/AIDS or other immune system disorders, some elderly and infants can also 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 (1-800-426-4791).

## NEW YORK STATE MANDATORY HEALTH ADVISORY

Water from some of the wells within the Dix Hills Water District have a slightly elevated nitrate level. This level is well below the maximum contaminant 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 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 advice from your healthcare provider.

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 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 tap water is safe to drink, the State and 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.



## 2021 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
<b>Inorganic Contaminants</b>							
Copper	No	August 2019	ND - 0.23 0.21 <sup>(1)</sup>	mg/l	1.3	AL = 1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Lead	No	August 2019	ND - 30.4 2.4 <sup>(1)</sup>	ug/l	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Barium	No	05/13/21	ND - 0.064	mg/l	2	MCL = 2.0	Naturally occurring
Sodium	No	07/26/21	2.7 - 23.1	mg/l	n/a	No MCL <sup>(2)</sup>	Naturally occurring
Chloride	No	05/24/21	3.4 - 36.1	mg/l	n/a	MCL = 250	Naturally occurring
Iron	Yes <sup>(3)</sup>	03/10/21	ND - 830.0	ug/l	n/a	MCL = 300	Naturally occurring
Manganese	No	05/13/21	ND - 19.0	ug/l	n/a	MCL = 300	Naturally occurring
Nitrate	No	03/08/21	ND - 5.4	mg/l	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Zinc	No	05/13/21	ND - 0.067	mg/l	n/a	MCL = 5	Naturally occurring
Nickel	No	05/13/21	ND - 2.3	ug/l	n/a	MCL = 100	Naturally occurring
Sulfate	No	05/13/21	ND - 18.5	mg/l	n/a	MCL = 250	Naturally occurring
<b>Volatile Organic Contaminants</b>							
Trichlorofluoromethane	No	11/18/21	ND - 0.76	ug/l	0	MCL = 5	Industrial discharge
1,1,2-Trichlorotrifluoroethane	No	11/18/21	ND - 1.5	ug/l	n/a	MCL = 5	Industrial discharge and cleaning product/household care products
cis-1,2-Dichloroethene	No	09/29/21	ND - 0.6	ug/l	n/a	MCL = 5	Industrial discharge
<b>Disinfection By-Products</b>							
Total Trihalomethanes	No	03/08/21	ND - 14.0	mg/l	0	MCL = 80	Disinfection By-Products
<b>Radionuclides</b>							
Gross Alpha	No	07/26/17	0.1 - 0.73	pCi/L	n/a	MCL = 15	Naturally occurring
Gross Beta	No	12/27/16	0.17 - 1.65	pCi/L	n/a	MCL = 50	Naturally occurring
Combined Radium 226 & 228	No	07/26/17	0.5 - 1.52	pCi/L	n/a	MCL = 5	Naturally occurring
<b>Disinfectant</b>							
Chlorine Residual	No	Continuous	0.52 - 1.15	mg/l	n/a	MRDL = 4.0	Measure of disinfectant
<b>Physical Characteristics</b>							
pH	No	Continuous	6.2 - 7.6	pH units	n/a	7.5 - 8.5	Measure of acidity or alkalinity
Total Hardness	No	05/13/21	1.7 - 53.2	mg/l	n/a	No MCL	Naturally occurring
Calcium Hardness	No	05/13/21	0.92 - 28.5	mg/l	n/a	No MCL	Naturally occurring
Specific Conductivity	No	05/13/21	24.4 - 210.0	umhos/cm	n/a	No MCL	Naturally occurring
<b>UCMR3</b>							
Chlorate	No	07/26/21	31.1 - 198.0	ug/l	0	No MCL	Disinfection By-Products



## 2021 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS (cont'd.)

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
<b>Synthetic Organic Contaminants (SOCs)</b>							
1,4-Dioxane	No	09/29/21	ND - 0.73	ug/l	n/a	MCL= 1.0 <sup>(4)</sup>	Industrial discharge <sup>(5)</sup>
Perfluorooctanoic Acid (PFOA)	No	09/01/21	ND - 5.6	ng/l	n/a	MCL = 10 <sup>(6)</sup>	Released into the environment from widespread use in commercial and industrial applications <sup>(8)</sup>
Perfluorooctanesulfonic Acid (PFOS)	No	03/10/21	ND - 7.4	ng/l	n/a	MCL = 10.0 <sup>(6)</sup>	Released into the environment from widespread use in commercial and industrial applications <sup>(8)</sup>
Perfluoroheptanoic Acid	No	05/13/21	ND - 3.7	ng/l	n/a	MCL = 50,000	Released into the environment from widespread use in commercial and industrial applications
Perfluorohexanesulfonic Acid	No	12/06/21	ND -2.4	ng/l	n/a	MCL = 50,000	Released into the environment from widespread use in commercial and industrial applications
Perfluorobutanesulfonic Acid	No	12/06/21	ND -1.9	ng/l	n/a	MCL = 50,000	Released into the environment from widespread use in commercial and industrial applications
<b>Bacteriologicals</b>							
Total Coliform <sup>(8)</sup>	No	06/14/21 06/28/21	2 positive sample out of 44 monthly samples = 4.5%	Positive or Negative	n/a	MCL - Positive results in more than 5% of the monthly samples	Commonly found in the environment

### 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.

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

**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.

**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).

**Micromhos (umhos/cm)** - The unit of measurement for conductivity.

**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.

<sup>(1)</sup> - During 2019, the District collect 33 samples for lead and copper. The 90% level is presented in the table as the maximum result. The next round of samples will occur in 2022. 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. Dix Hills 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>.

<sup>(2)</sup> - 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.

<sup>(3)</sup> - 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. The maximum iron level detected was from Well No. 10-1 on March 10, 2021. Follow-up sampling later in the year showed iron levels below 1.0 mg/l. The District treats the water from Well No. 10-1 with a sequestering agent that keeps the iron in suspension and prevents it from settling out in water mains and laundry. Iron sequestering is effective for iron levels up to 1.0 mg/l. The District will continue to monitor for iron. Should levels consistently be above 1.0 mg/l, the District will consider other treatment options. If Iron and Manganese are present, the total concentration of both should not exceed 500 ug/l. Higher levels may be allowed by the state when justified by the supplier of water.

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

<sup>(5)</sup> - It is used as a solvent for cellulose formulations, resins, oils, waxes and other organic substances. It is also used in wood pulping, textile processing, degreasing, in lacquers, paints, varnishes, and stains; and in paint and varnish removers.

<sup>(6)</sup> - The US Environmental Protection Agency (EPA) has established a life time health advisory level (HA) 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 effective August 2020.

<sup>(7)</sup> - 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 at airfields. Many of these uses have been phased out by its primary U.S. manufacturer; however, there are still some ongoing uses.

<sup>(8)</sup> - Total coliform bacteria was detected in 2 out of 480 routine compliance samples collected within our distribution system. The two positive samples occurred in June 2021. No positive samples were detected for the rest of the year. All repeat samples were negative for bacteria. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other potentially harmful bacteria may be present.



## 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. See section "Water Quality" for a list of the contaminants that have been detected (if any). The source water assessments provide resource managers with additional information for protecting source waters into the future.

Drinking water is derived from 17 wells. The source water assessment has rated most of the wells as having a high susceptibility to industrial solvents and nitrates, and some wells having a high susceptibility to pesticides. The susceptibility to nitrates is due primarily to unsewered residential and institutional land-use, and related activities in the assessment area. The susceptibility to industrial solvents is primarily due to point sources of contamination related to transportation routes and commercial/industrial activities. The high susceptibility to pesticides is due primarily to agricultural land use practices in the assessment area. A copy of the assessment, including a map of the assessment area, can be obtained by contacting the Water District.

The Dix Hills Water District conducts over 10,000 water quality tests throughout the year, testing for over 135 different contaminants. The parameters listed below have been undetected in our water supply:

Arsenic	Dinoseb	Bromochloromethane
Cadmium	Dalapon	Carbon Tetrachloride
Chromium	Picloram	1,1-Dichloropropene
Mercury	Dicamba	1,2-Dichloroethane
Selenium	Pentachlorophenol	Trichloroethene
Silver	Hexachlorocyclopentadiene	Dibromomethane
N-Butylbenzene	bis(2-Ethylhexyl)adipate	Trans-1,3-Dichloropropene
4-Isopropyltoluene (P-Cumene)	bis(2-Ethylhexyl)phthalate	cis-1,3-Dichloropropene
1,1-Dichloroethane	Hexachlorobenzene	1,3-Dichloropropene
Ammonia	Benzo(A)Pyrene	Chlorobenzene
Nitrite	Aldicarb Sulfone	1,1,1,2-Tetrachloroethane
Sec-Butylbenzene	Aldicarb sulfoxide	Bromobenzene
Fluoride	Aldicarb	1,1,2,2-Tetrachloroethane
Tetrachloroethene	Total Aldicarb	1,2,3-Trichloropropene
Detergents (MBAS)	Oxamyl	2-Chlorotoluene
Free Cyanide	Methomyl	4-Chlorotoluene
Antimony	3-Hydroxycarbofuran	1,2-Dichlorobenzene
Beryllium	Carbofuran	1,3-Dichlorobenzene
1,1,1-Trichloroethane	Carbaryl	1,4-Dichlorobenzene
Magnesium	Glyphosate	1,2,4-Trichlorobenzene
Thallium	Diquat	Hexachlorobutadiene
Lindane	Endothall	1,2,3-Trichlorobenzene
Heptachlor	1,2-Dibromoethane (EDB)	Benzene
Aldrin	1,2-Dibromo-3-Chl.Propane	Toluene
Heptachlor Epoxide	Dioxin	Ethylbenzene
Dieldrin	Chloroacetic Acid	M,P-Xylene
Endrin	Bromoacetic Acid	O-Xylene
Methoxychlor	Dichloroacetic Acid	Styrene
Toxaphene	Trichloroacetic Acid	Isopropylbenzene (Cumene)
Chlordane	Dibromoacetic Acid	N-Propylbenzene
Total PCBs	Total Haloacetic Acid	1,3,5-Trimethylbenzene
Propachlor	Dichlorodifluoromethane	Tert-Butylbenzene
Alachlor	Chloromethane	1,2,4-Trimethylbenzene
Simazine	Vinyl Chloride	1,1,1-Trichloroethane
Atrazine	Bromomethane	Ammonia
Metolachlor	Chloroethane	Chlorodifluoromethane
Metribuzin	Trichlorofluoromethane	1,2-Dichloropropene
Butachlor	Methylene Chloride	Methyl Tert-Butyl Ether (MTBE)
2,4-D	Trans-1,2-Dichloroethene	
2,4,5-TP (Silvex)	2,2-Dichloropropane	

## COST OF WATER

The District utilizes a unit price billing schedule with the consumers being billed at rates listed below:

Water Consumed	Charges
0 to 10,000	\$0.80/thousand gallons
10,001 to 50,000	\$0.90/thousand gallons
50,001 to 100,000	\$1.25/thousand gallons
100,001 to 150,000	\$1.65/thousand gallons
150,001 to 200,000	\$2.10/thousand gallons
Over 200,000	\$2.55/thousand gallons

Minimum Quarterly Charges are:

Size of Meter	Gallons Included	Quarterly Minimum
5/8"	10,000	\$8.00
3/4"	12,000	\$9.80
1"	23,000	\$19.70
1-1/2"	45,000	\$39.50
2"	78,000	\$79.00
3"	132,000	\$159.30
4"	179,000	\$249.90
6"	241,000	\$398.55
8"	320,000	\$600.00



**DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA**

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-1604g <sup>(1)</sup>		WELL NO. 1-3 S-2996z <sup>(1)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-2352z <sup>(1)</sup>		WELL NO. 3-3 S-3403z <sup>(1)</sup>	
			MAX. RESULT (Raw/Treated)	AVG. RESULT (Raw/Treated)	MAX. RESULT (Raw/Treated)	AVG. RESULT (Raw/Treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<b>INORGANIC</b>												
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	0.064	0.064	0.052	0.052	0.037	0.037	0.034	0.034	0.028	0.028
CADMIUM	5.0 ug/l	5.0 ug/l	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
COPPER	[1.3] mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	1.8	1.8	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
SELENIUM	50 ug/l	5.0 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER	0.1 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	19.2	19.2	13.4	13.4	10.5	10.5	20.7	20.7	11.2	11.2
SPECIFIC CONDUCTIVITY	None	None	210.0	210.0	196.0	196.0	129.0	129.0	174.0	174.0	114.0	114.0
ZINC	5.0 mg/l	0.02 mg/l	0.067	0.067	0.034	0.034	0.023	0.023	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	0.076	0.076	ND	ND	ND	ND	ND	ND
MANGANESE	0.01 mg/l	0.01 mg/l	0.019	0.019	0.019	0.019	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRATE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORIDE	10.0 mg/l	0.1 mg/l	5.8 <sup>(10)</sup> /5.3 <sup>(6)</sup>	4.9/4.8	4.8 <sup>(6)</sup> /5.4 <sup>(8)</sup>	4.6/4.7	3.6 <sup>(2)</sup>	3.6	1.5 <sup>(2)</sup>	1.5	2.4 <sup>(2)</sup>	2.4
TOTAL HARDNESS	250 mg/l	2.0 mg/l	30.1	30.1	25.1	25.1	18.6	18.6	36.1	36.1	20.0	20.0
PH (BEFORE TREATMENT)	None	1.0 mg/l	45.9	45.9	53.2	53.2	25.5	25.5	19.3	19.3	21.2	21.2
CALCIUM HARDNESS	None	None	4.8	4.8	5.3	5.3	5.4	5.4	5.4	5.4	5.1	5.1
SULFATE	250 mg/l	5.0 mg/l	18.5	18.5	28.5	28.5	13.6	13.6	9.8	9.8	11.1	11.1
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.0005 mg/l	0.0015	0.0015	0.00088	0.00088	ND	ND	ND	ND	0.0008	0.0008
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	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

[1] - USE ANYSDH ACTION LEVEL

\*\*\* - EXCEEDS NEW YORK STATE MAXIMUM CONTAMINANT LEVEL FOR POTABLE WATER BEFORE TREATMENT. THE STANDARD FOR IRON IS A SECONDARY STANDARD FOR AESTHETICS ONLY. IRON POSES NO HEALTH RISKS.

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(1)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-45639 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
INORGANIC												
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	OUT OF SERVICE		ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	0.019	0.019			ND	ND	ND	ND	ND	ND
CADMIUM	5.0 ug/l	5.0 ug/l	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
COPPER	[1.3] mg/l	0.02 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	1.1
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND			ND	ND	ND	ND	ND	1.1
SELENIUM	50 ug/l	5.0 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
SILVER	0.1 mg/l	0.01 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	17.4	17.4			3.4	3.4	3.6	3.6	3.6	3.6
SPECIFIC CONDUCTIVITY	None	None	138	138			32.6	32.6	34.8	34.8	34.8	34.8
ZINC	5.0 mg/l	0.02 mg/l	0.02	0.02			0.022	0.022	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND			ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND			ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	0.024	0.024			ND	ND	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	2.3 <sup>(2)</sup>	2.3			0.39 <sup>(2)</sup>	0.36	1.2 <sup>(2)</sup>	1.2	0.81 <sup>(2)</sup>	0.8
CHLORIDE	250 mg/l	2.0 mg/l	16.0	16.0			4.8	4.8	4.6	4.6	4.8	4.8
TOTAL HARDNESS	None	1.0 mg/l	18.6	18.6			5.4	5.4	5.8	5.8	5.7	5.7
PH (BEFORE TREATMENT)	None	None	ND	ND			4.9	4.9	5.1	5.1	4.9	4.9
CALCIUM HARDNESS	None	1.0 mg/l	11.1	11.1			3.1	3.1	3.3	3.3	3.4	3.4
SULFATE	250 mg/l	5.0 mg/l	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
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.0005 mg/l	ND	ND			0.00054	0.00054	0.0018	0.0018	0.00077	0.00077
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND			ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	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

[ ] - USEPANYSDH ACTION LEVEL

WELL NO. 5 - OUT OF SERVICE IN 2021

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(1)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-72060 <sup>(4)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
INORGANIC												
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	0.012	0.012	0.042	0.042	0.0021	0.0021	0.0036	0.0036	ND	ND
CADMIUM	5.0 ug/l	5.0 ug/l	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
COPPER	[1.3] mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	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	2.3	2.3	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SELENIUM	50 ug/l	5.0 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SILVER	0.1 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	9.6	9.6	13.7	13.7	2.7	2.7	3.5	3.5	2.7	2.7
SPECIFIC CONDUCTIVITY	None	None	85.6	85.6	32.3	32.3	24.4	24.4	34.9	34.9	24.7	24.7
ZINC	5.0 mg/l	0.02 mg/l	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
ODOR	3 Units	0 Units	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
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	0.057	0.057	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	1.7 <sup>(2)</sup>	1.7	3.1 <sup>(6)</sup> /3.0 <sup>(6)</sup>	2.8/2.4	0.36 <sup>(2)</sup>	0.36	1.3 <sup>(2)</sup>	1.3	ND	ND
CHLORIDE	250 mg/l	2.0 mg/l	15.8	15.8	27.4	27.4	3.4	3.4	4.9	4.9	4.0	4.0
TOTAL HARDNESS	None	1.0 mg/l	14.3	14.3	32.3	32.3	3.9	3.9	5.3	5.3	1.7	1.7
PH (BEFORE TREATMENT)	None	None	5.4	5.4	5.6	5.6	5.3	5.3	4.7	4.7	4.7	4.7
CALCIUM HARDNESS	None	1.0 mg/l	8.7	8.7	18.1	18.1	2.3	2.3	2.9	2.9	0.92	0.92
SULFATE	250 mg/l	5.0 mg/l	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
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.0005 mg/l	0.0012	0.0012	0.0011	0.0011	0.0013	0.0013	0.0016	0.0016	ND	ND
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	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/NSDH ACTION LEVEL

\*\*\* - EXCEEDS NEW YORK STATE MAXIMUM CONTAMINANT LEVEL FOR POTABLE WATER BEFORE TREATMENT. THE STANDARD FOR IRON IS A SECONDARY STANDARD FOR AESTHETICS ONLY. IRON POSES NO HEALTH RISKS.

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119186 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
INORGANIC						
ARSENIC	10.0 ug/l	3.0 ug/l	ND	ND	ND	ND
BARIUM	2.0 mg/l	0.2 mg/l	0.022	0.022	0.0071	0.0071
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND
SELENIUM	10.0 mg/l	5.0 mg/l	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	12.7	12.7	5.4	5.4
SPECIFIC CONDUCTIVITY	None	None	127.0	127.0	54.8	54.8
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	ND	ND
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	3.3 <sup>(2)</sup>	3.3	1.0 <sup>(2)</sup>	1.0
CHLORIDE	250 mg/l	2.0 mg/l	20.8	20.8	8.9	8.9
TOTAL HARDNESS	None	1.0 mg/l	23.5	23.5	10.6	10.6
PH (BEFORE TREATMENT)	None	None	5.0	5.0	5.1	5.1
CALCIUM HARDNESS	None	1.0 mg/l	13.4	13.4	6.2	6.2
SULFATE	250 mg/l	5.0 mg/l	ND	ND	ND	ND
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	0.3 ug/l	ND	ND	ND	ND
NICKEL	0.1 mg/l	0.0005 mg/l	0.0023	0.0023	ND	ND
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND	ND	ND
CYANIDE	0.2 mg/l	0.010 mg/l	ND	ND	ND	ND
PERCHLORATE	18.0 ug/l	1.0 ug/l	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

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

[1] - USEPA/NSDH ACTION LEVEL

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(1)</sup>		WELL NO. 1-3 S-29962 <sup>(1)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>	
			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	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND	ND	ND	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
ALACHLOR	2.0 ug/l	1.0 ug/l	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
ATRAZINE	3.0 ug/l	0.5 ug/l	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
METRIBUZIN	50.0 ug/l	0.5 ug/l	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

CONT. - CONTAMINANT

ND - NOT DETECTED

(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



**DIX HILLS WATER DISTRICT**  
**2021 WATER QUALITY DATA (continued)**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(2)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(2)</sup>		WELL NO. 6-2 S-4563 <sup>(2)</sup>		WELL NO. 6-3 S-61356 <sup>(2)</sup>	
			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	OUT OF SERVICE		ND	ND	ND	ND	ND	ND
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
PROPACHLOR	50.0 ug/l	1.0 ug/l	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
SIMAZINE	4.0 ug/l	0.5 ug/l	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
METOLACHLOR	50.0 ug/l	1.0 ug/l	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
BUTACHLOR	50.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT  
 ND - NOT DETECTED  
 WELL NO. 5 - OUT OF SERVICE IN 2021  
 ( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(2)</sup>		WELL NO. 8-1 S-34022 <sup>(1)</sup>		WELL NO. 9-1 S-34063 <sup>(2)</sup>		WELL NO. 9-2 S-34064 <sup>(2)</sup>		WELL NO. 10-1 S-7206 <sup>(1)</sup>			
			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	ND	ND	ND	ND	ND	ND	ND	ND		
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND	ND	ND	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		
ALACHLOR	2.0 ug/l	1.0 ug/l	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		
ATRAZINE	3.0 ug/l	0.5 ug/l	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		
METRIBUZIN	50.0 ug/l	0.5 ug/l	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		

CONT. = CONTAMINANT  
ND = NOT DETECTED  
( ) = NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(2)</sup>		WELL NO. 11-2 S-119186 <sup>(2)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS						
[SOC]						
LINDANE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND
HEPTACHLOR	0.4 ug/l	0.025 ug/l	ND	ND	ND	ND
ALDRIN	5.0 ug/l	0.025 ug/l	ND	ND	ND	ND
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	ND	ND	ND	ND
DIELDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND
ENDRIN	2.0 ug/l	0.05 ug/l	ND	ND	ND	ND
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	ND	ND	ND	ND
TOXAPHENE	3.0 ug/l	2.5 ug/l	ND	ND	ND	ND
CHLORDANE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TOTAL PCBs	0.5 ug/l	0.5 ug/l	ND	ND	ND	ND
PROPACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND
ALACHLOR	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND
SIMAZINE	4.0 ug/l	0.5 ug/l	ND	ND	ND	ND
ATRAZINE	3.0 ug/l	0.5 ug/l	ND	ND	ND	ND
METOLACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND
METRIBUZIN	50.0 ug/l	0.5 ug/l	ND	ND	ND	ND
BUTACHLOR	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND

CONT. - CONTAMINANT  
ND - NOT DETECTED  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(1)</sup>		WELL NO. 1-3 S-23962 <sup>(1)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>	
			MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC)												
[CONT'D.]												
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.1 <sup>(5)</sup> /0.11	0.09/0.09	0.1 <sup>(4)</sup> /0.098 <sup>(4)</sup>	0.09/0.094	0.2 <sup>(4)</sup>	0.15	0.039	0.029	0.16 <sup>(4)</sup>	0.093
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DINOSIB	7.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DALAPON	200 ug/l	0.7 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PICLORAM	500 ug/l	0.6 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEXACHLOROBENZENE	6.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BENZO(A)PYRENE	1.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDICARB SULFONE	0.2 ug/l	0.1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDICARBSULFOXIDE	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALDICARB	4.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL ALDICARBS	3.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OXAMYL	7.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHOMYL	200 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CARBARYL	40.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GLYPHOSATE	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DIQUAT	700 ug/l	10.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ENDOTHALL	20 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DIBROMOETHANE (EDB)	100 ug/l	50.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-DIBROMO-3-CHL. PROPANE	0.05 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	0.2 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(2)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(2)</sup>		WELL NO. 6-2 S-4563 <sup>(2)</sup>		WELL NO. 6-3 S-61356 <sup>(2)</sup>			
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
SYNTHETIC ORGANICS CONTAMINANTS (SOC) (CONT'D.)														
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.1 <sup>(4)</sup>	0.079	OUT OF SERVICE		0.047 <sup>(4)</sup>	0.037	ND	ND	0.027 <sup>(4)</sup>	0.02		
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
DINOSEB	7.0 ug/l	0.2 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
DALAPON	200 ug/l	0.7 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
PICLORAM	500 ug/l	0.6 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
ALDICARB	3.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
OXAMYL	200 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
METHOMYL	50.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
CARBOFURAN	40.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
CARBARYL	50.0 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
GLYPHOSATE	700 ug/l	10.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
DICUAT	20 ug/l	1.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
ENDOTHALL	100 ug/l	50.0 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		
1,2-DIBROMO-3-CHLPROPANE	0.2 ug/l	0.02 ug/l	ND	ND			ND	ND	ND	ND	ND	ND		

CONT. - CONTAMINANT

ND - NOT DETECTED

WELL NO. 5 - OUT OF SERVICE IN 2021

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(2)</sup>		WELL NO. 8-1 S-34022 <sup>(1)</sup>		WELL NO. 9-1 S-34063 <sup>(2)</sup>		WELL NO. 9-2 S-34064 <sup>(2)</sup>		WELL NO. 10-1 S-7206 <sup>(1)</sup>			
			MAX. RESULT	AVG. RESULT	MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
SYNTHETIC ORGANICS CONTAMINANTS (SOC) (CONT'D.)														
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.24 <sup>(4)</sup>	0.023	0.73 <sup>(6)</sup> /0.72 <sup>(4)</sup>	0.39/0.35	ND	ND	ND	ND	ND	ND		
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DINOSIB	7.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DALAPON	200 ug/l	0.7 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PICLORAM	500 ug/l	0.6 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ALDICARB SULFOXIDE	4.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ALDICARB	3.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
OXAMYL	200 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
METHOMYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
CARBOFURAN	40.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
CARBARYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
GLYPHOSATE	700 ug/l	10.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
DIQUAT	20 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
ENDOTHALL	100 ug/l	50.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,2-DIBROMO-3-CHL. PROPANE	0.2 ug/l	0.02 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(2)</sup>		WELL NO. 11-2 S-119186 <sup>(2)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC) (CONT'D.)						
1,4 DIOXANE	1.0 ug/l	0.7 ug/l	0.2 <sup>(4)</sup>	0.13	0.1 <sup>(4)</sup>	0.09
2,4-D	50.0 ug/l	0.25 ug/l	ND	ND	ND	ND
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	ND	ND	ND	ND
DINOSER	7.0 ug/l	0.2 ug/l	ND	ND	ND	ND
DALAPON	200 ug/l	0.7 ug/l	ND	ND	ND	ND
PICLORAM	500 ug/l	0.6 ug/l	ND	ND	ND	ND
DICAMBA	50.0 ug/l	0.08 ug/l	ND	ND	ND	ND
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	ND	ND	ND	ND
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	ND	ND	ND	ND
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	ND	ND	ND	ND
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	ND	ND	ND	ND
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	ND	ND	ND	ND
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	ND	ND	ND	ND
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	ND	ND	ND	ND
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l	ND	ND	ND	ND
ALDICARB	3.0 ug/l	1.0 ug/l	ND	ND	ND	ND
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	ND	ND	ND	ND
OXAMYL	200 ug/l	1.0 ug/l	ND	ND	ND	ND
METHOMYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND
CARBOFURAN	40.0 ug/l	1.0 ug/l	ND	ND	ND	ND
CARBARYL	50.0 ug/l	1.0 ug/l	ND	ND	ND	ND
GLYPHOSATE	700 ug/l	10.0 ug/l	ND	ND	ND	ND
DIQUAT	20 ug/l	1.0 ug/l	ND	ND	ND	ND
ENDOTHALL	100 ug/l	50.0 ug/l	ND	ND	ND	ND
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	ND	ND	ND	ND
1,2-DIBROMO-3-CHL. PROPANE	0.2 ug/l	0.02 ug/l	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(2)</sup>		WELL NO. 1-3 S-29962 <sup>(8)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>	
TRIHALOMETHANES AND HALOACETIC ACIDS			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
CHLOROACETIC ACID	---	< 2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
BROMOACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TRICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIBROMOACETIC ACID	---	< 2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	NOT TESTED	0.97/0.89	NOT TESTED	0.9/0.88	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CHLOROFORM	50 ug/l	< 0.5 ug/l	0.97/0.89	0.97/0.89	1.0/0.93	0.53	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	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
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	0.97/0.89	0.97/0.89	1.0/0.93	0.9/0.88	0.53	0.53	ND	ND	ND	ND
RADIONUCLIDES												
GROSS ALPHA	15 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
GROSS BETA	50 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
RADIUM 226 & 228	5 pCi/L	< 3 pCi/L	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  
pCi/L - PICO CURIES PER LITER  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(1)</sup>		WELL NO. 5-1 S-23523 <sup>(8)</sup>		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-4563 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>				
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT			
TRIHALOMETHANES AND HALOACETIC ACIDS															
CHLOROACETIC ACID	---	< 2.0 ug/l	NOT TESTED	NOT TESTED	OUT OF SERVICE	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED				
BROMOACETIC ACID	---	< 1.0 ug/l										NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DICHLOROACETIC ACID	---	< 1.0 ug/l										NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TRICHLOROACETIC ACID	---	< 1.0 ug/l										NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIBROMOACETIC ACID	---	< 2.0 ug/l										NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	NOT TESTED	1.80		ND	ND	ND	ND	ND	ND				
CHLOROFORM	50 ug/l	< 0.5 ug/l	2.7	2.70		ND	ND	ND	ND	ND	ND				
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	3.3	3.30		ND	ND	ND	ND	ND	ND				
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	1.9	1.90		ND	ND	ND	ND	ND	ND				
BROMOFORM	50 ug/l	< 0.5 ug/l	9.8	9.80		ND	ND	ND	ND	ND	ND				
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l													
RADIONUCLIDES															
GROSS ALPHA	15 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED		NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED				
GROSS BETA	50 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED		NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED				
RADIUM 226 & 228	5 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED		NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED				

CONT. - CONTAMINANT  
ND - NOT DETECTED  
pCi/L - PICO CURIES PER LITER  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(1)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-72060 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<b>TRIHALOMETHANES AND HALOACETIC ACIDS</b>												
CHLOROACETIC ACID	---	< 2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
BROMOACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TRICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIBROMOACETIC ACID	---	< 2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CHLOROFORM	50 ug/l	< 0.5 ug/l	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
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	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
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>RADIONUCLIDES</b>												
GROSS ALPHA	15 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
GROSS BETA	50 pCi/L	< 3 pCi/L	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
RADIUM 226 & 228	5 pCi/L	< 3 pCi/L	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  
pCi/L - PICO CURIES PER LITER  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119186 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
TRIHALOMETHANES AND HALOACETIC ACIDS						
CHLOROACETIC ACID	---	< 2.0 ug/l	NOT TESTED		NOT TESTED	
BROMOACETIC ACID	---	< 1.0 ug/l	NOT TESTED		NOT TESTED	
DICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED		NOT TESTED	
TRICHLOROACETIC ACID	---	< 1.0 ug/l	NOT TESTED		NOT TESTED	
DIBROMOACETIC ACID	---	< 2.0 ug/l	NOT TESTED		NOT TESTED	
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	NOT TESTED		NOT TESTED	
CHLOROFORM	50 ug/l	< 0.5 ug/l	4.2	4.2	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	3.9	3.9	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	1.9	1.9	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	4.0	4.0	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	14.0	14.0	ND	ND
RADIONUCLIDES						
GROSS ALPHA	15 pCi/L	< 3 pCi/L	NOT TESTED		NOT TESTED	
GROSS BETA	50 pCi/L	< 3 pCi/L	NOT TESTED		NOT TESTED	
RADIUM 226 & 228	5 pCi/L	< 3 pCi/L	NOT TESTED		NOT TESTED	

CONT. - CONTAMINANT  
ND - NOT DETECTED  
pCi/L - PICO CURIES PER LITER  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(1)</sup>		WELL NO. 1-3 S-29962 <sup>(1)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>	
			MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<b>VOLATILES</b>												
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	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
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	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
CHLORODIFLUOROMETHANE	5.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>PERFLUORO-CHEMICALS</b>												
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	900 ng/l	ND/1,9 <sup>(4)</sup>	ND/0.48	2,6 <sup>(4)</sup> /ND	0.65/ND	ND	ND	ND	ND	ND	ND
PERFLUOROHEPTANOIC ACID	50,000 ng/l	10 ng/l	2,6 <sup>(4)</sup> /3,5 <sup>(4)</sup>	2,6/3.1	4,5 <sup>(4)</sup> /3,7 <sup>(5)</sup>	3,0/3.04	ND	ND	ND	ND	ND	ND
PERFLUOROHXANESULFONIC ACID	50,000 ng/l	30 ng/l	2,8 <sup>(4)</sup> /2,4 <sup>(4)</sup>	2,4/1.68	5,1 <sup>(4)</sup> /2,4 <sup>(5)</sup>	3,3/1.3	ND	ND	ND	ND	ND	ND
PERFLUORONONANOIC ACID	50,000 ng/l	20 ng/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROOCTANESULFONIC ACID	10 ng/l	40 ng/l	3,4 <sup>(4)</sup> /ND	2,28/ND	ND	ND	ND	ND	2,1 <sup>(5)</sup>	0.8	ND	ND
PERFLUOROOCTANOIC ACID	10 ng/l	20 ng/l	5,8 <sup>(4)</sup> /5,4 <sup>(4)</sup>	5,6/5.0	6,3 <sup>(4)</sup> /5,6 <sup>(5)</sup>	5,2/5.0	ND	ND	2,0 <sup>(5)</sup>	0.4	ND	ND
<b>METALS</b>												
CHROMIUM	100 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
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
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
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
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
CHLORATE		20 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
<b>HORMONES</b>												
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
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
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
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
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
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
TESTOSTERONE	50 ug/l	0.0001 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED						

ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020  
1 - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(1)</sup>		WELL NO. 5-1 S-23523 <sup>(1)</sup>		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-4563 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<b>VOLATILES</b>												
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	OUT OF SERVICE		ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	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
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	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
CHLORODIFLUOROMETHANE	5.0 ug/l	0.08 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
<b>PERFLUOROCHEMICALS</b>												
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	900 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
PERFLUOROHEPYLANIC ACID	50,000 ng/l	10 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
PERFLUOROHXANESULFONIC ACID	50,000 ng/l	30 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
PERFLUORONONANIC ACID	50,000 ng/l	20 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
PERFLUOROOCTANESULFONIC ACID	10 ng/l	40 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
PERFLUOROOCTANOIC ACID	10 ng/l	20 ng/l	ND	ND			ND	ND	ND	ND	ND	ND
<b>METALS</b>												
CHROMIUM	100 ug/l	0.2 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
COBALT		1.0 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
MOLYBDENUM		1.0 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
STRONTIUM		0.3 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
VANADIUM		0.2 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
HEXAVALENT CHROMIUM		0.03 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
CHLORATE		20 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
<b>HORMONES</b>												
17-ALPHA-ETHINYLESTRADIOL	50 ug/l	0.0004 ug/l	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	
4-ANDROSTENE-3,17-DIONE	50 ug/l	0.0003 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
EQUILIN	50 ug/l	0.004 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
ESTRIOL	50 ug/l	0.0008 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
ESTRONE	50 ug/l	0.002 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	
TESTOSTERONE	50 ug/l	0.0001 ug/l	NOT TESTED				NOT TESTED		NOT TESTED		NOT TESTED	

ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
WELL NO. 5 - OUT OF SERVICE IN 2021  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(1)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-7206 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
VOLATILES												
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	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
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLORODIFLUOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.08 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROCHEMICALS												
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	900 ng/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROHEPTANOIC ACID	50,000 ng/l	10 ng/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROHXANESULFONIC ACID	50,000 ng/l	30 ng/l	ND	ND	1.4 <sup>(4)</sup> /ND	0.36/ND	ND	ND	ND	ND	ND	ND
PERFLUORONONANOIC ACID	50,000 ng/l	20 ng/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PERFLUOROOCTANESULFONIC ACID	10 ng/l	40 ng/l	7.4 <sup>(4)</sup>	6.2	2.9 <sup>(4)</sup> /ND	1.83/ND	ND	ND	ND	ND	ND	ND
PERFLUOROOCTANOIC ACID	10 ng/l	20 ng/l	3.6 <sup>(4)</sup>	3.0	2.6 <sup>(4)</sup> /ND	2.33/ND	ND	ND	ND	ND	ND	ND
METALS												
CHROMIUM	100 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
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
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
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
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
CHLORATE		20 ug/l	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
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
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
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
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
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
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

CONT. - CONTAMINANT  
ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119188 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<b>VOLATILES</b>						
1,1-DICHLOROETHANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.03 ug/l	ND	ND	ND	ND
1,3-BUTADIENE	50 ug/l	0.1 ug/l	ND	ND	ND	ND
BROMOCHLOROMETHANE	50 ug/l	0.06 ug/l	ND	ND	ND	ND
CHLORODIFLUOROMETHANE	5.0 ug/l	0.02 ug/l	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.2 ug/l	ND	ND	ND	ND
<b>PERFLUOROCHEMICALS</b>						
PERFLUOROBUTANESULFONIC ACID	50,000 ng/l	900 ng/l	ND	ND	ND	ND
PERFLUOROHEPTANOIC ACID	50,000 ng/l	10 ng/l	ND	ND	ND	ND
PERFLUOROHXANESULFONIC ACID	50,000 ng/l	30 ng/l	ND	ND	ND	ND
PERFLUORONANOIC ACID	50,000 ng/l	20 ng/l	ND	ND	ND	ND
PERFLUOROOCTANESULFONIC ACID	10 ng/l	40 ng/l	ND	ND	ND	ND
PERFLUOROOCTANOIC ACID	10 ng/l	20 ng/l	2.9 <sup>(5)</sup>	1.38	ND	ND
<b>METALS</b>						
CHROMIUM	100 ug/l	0.2 ug/l	ND	ND	ND	ND
COBALT		1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
MOLYBDENUM		1.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
STRONTIUM		0.3 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
VANADIUM		0.2 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
<b>HEXAVALENT CHROMIUM CHLORATE</b>						
		0.03 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
<b>HORMONES</b>						
17-ALPHA-ETHINYLESTRADIOL	50 ug/l	0.0004 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
17-BETA-ESTRADIOL	50 ug/l	0.0003 ug/l	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
EQUILIN	50 ug/l	0.004 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ESTRIOL	50 ug/l	0.0008 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ESTRONE	50 ug/l	0.002 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TESTOSTERONE	50 ug/l	0.0001 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CONT. - CONTAMINANT  
ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049		WELL NO. 1-3 S-29962		WELL NO. 3-1 S-21006		WELL NO. 3-2 S-23522		WELL NO. 3-3 S-34032	
			MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
UCMR4												
GERMANIUM		0.3 ug/l	NOT TESTED	0.019	NOT TESTED	0.019	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
MANGANESE		0.04 mg/l	0.019 <sup>(1)</sup>		0.019 <sup>(1)</sup>		ND		ND		ND	
ALPHA-HEXACHLOROCYCLOHEXANE		0.01 ug/l	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	
DIMETHIPIN		0.2 ug/l	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	
OXYFLORFEN		0.05 ug/l	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	
TEBUCONAZOLE		0.2 ug/l	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	
TRIBUFOS		0.07 ug/l	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	
o-TOLUIDINE		0.007 ug/l	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	
1-BUTANOL		2.0 ug/l	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	
2-PROPEN-1-OL		0.5 ug/l	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	
HAA6Br (6 brominated Haloacetic Acids)		None	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	

CONT. - CONTAMINANT  
ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638		WELL NO. 6-2 S-4563		WELL NO. 6-3 S-61356	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (raw/treated)	AVG. RESULT (raw/treated)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
UCMR4												
GERMANIUM		0.3 ug/l	NOT TESTED	ND			NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	
MANGANESE		0.04 mg/l	ND	ND			ND	ND	ND	ND	NOT TESTED	
ALPHA-HEXACHLOROCYCLOHEXANE		0.01 ug/l	NOT TESTED	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	NOT TESTED	
DIMETHIPIN		0.2 ug/l	NOT TESTED	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	NOT TESTED	
OXYFLUOREN		0.05 ug/l	NOT TESTED	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	NOT TESTED	
TEBUCONAZOLE		0.2 ug/l	NOT TESTED	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	NOT TESTED	
TRIBUFOS		0.07 ug/l	NOT TESTED	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	NOT TESTED	
o-TOLUIDINE		0.007 ug/l	NOT TESTED	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	NOT TESTED	
1-BUTANOL		2.0 ug/l	NOT TESTED	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	NOT TESTED	
2-PROPEN-1-OL		0.5 ug/l	NOT TESTED	NOT TESTED			NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	
HAAs (5 regulated Haloacetic Acids)		None	NOT TESTED	NOT TESTED			NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	
HAABr (6 brominated Haloacetic Acids)		None	NOT TESTED	NOT TESTED			NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	
HAAs (9 Haloacetic Acids)		None	NOT TESTED	NOT TESTED			NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	

CONT. - CONTAMINANT

ND - NOT DETECTED

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

WELL NO. 5 - OUT OF SERVICE IN 2021

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021		WELL NO. 8-1 S-34022		WELL NO. 9-1 S-34063		WELL NO. 9-2 S-34064		WELL NO. 10-1 S-7206	
			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	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
MANGANESE		0.04 mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ALPHA-HEXACHLOROCYCLOHEXANE		0.01 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
CHLORPYRIFOS		0.03 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
DIMETHIPIN		0.2 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
ETHOPROP		0.03 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
OXYFLUORFEN		0.05 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
PROFENOFOS		0.3 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
TEBUCONAZOLE		0.2 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
TOTAL PERMETHRIN (cis - & trans-)		0.04 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
TRIBUFOS		0.07 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
BUTYLATED HYDROXYANISOLE		0.03 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
O-TOLUIDINE		0.007 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
QUINOLINE		0.02 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
1-BUTANOL		2.0 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
2-METHOXYETHANOL		0.4 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
2-PROPEN-1-OL		0.5 ug/l	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
HAA5 (5 regulated Haloacetic Acids)		None	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
HAA6Br (6 brominated Haloacetic Acids)		None	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND
HAA9 (9 Haloacetic Acids)		None	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND	NOT TESTED	ND

CONT. - CONTAMINANT  
ND - NOT DETECTED  
NOT TESTED - STATE AND COUNTY TESTING REQUIREMENTS INCLUDE TESTING FOR SOC ONCE EVERY 18 MONTHS. THIS WELL WAS NOT TESTED IN 2020.  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 MAX. RESULT	WELL NO. 11-1 S-119187 AVG. RESULT	WELL NO. 11-2 MAX. RESULT	WELL NO. 11-2 S-119186 AVG. RESULT
<u>UCMR4</u>						
GERMANIUM		0.3 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
MANGANESE		0.04 mg/l	ND	ND	ND	ND
ALPHA-HEXACHLOROCYCLOHEXANE		0.01 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
CHLORPYRIFOS		0.03 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
DIMETHIPIN		0.2 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
ETHOPROP		0.03 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
OXYFLUOREN		0.05 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
PROFENOFOS		0.3 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TEBUCONAZOLE		0.2 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TOTAL PERMETHRIN (cis - & trans-)		0.04 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
TRIBUFOS		0.07 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
BUTYLATED HYDROXYANISOLE		0.03 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
o-TOLUIDINE		0.007 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
QUINOLINE		0.02 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
1-BUTANOL		2.0 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
2-METHOXYETHANOL		0.4 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
2-PROPEN-1-OL		0.5 ug/l	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HAAs (5 regulated Haloacetic Acids)		None	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HAASBr (6 brominated Haloacetic Acids)		None	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED
HAAs (9 Haloacetic Acids)		None	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

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

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(2)</sup>		WELL NO. 1-3 S-29962 <sup>(8)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>			
			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
VOLATILE ORGANICS														
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	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		
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	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		
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
CHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	1.3/0.76	0.74/0.19	ND	ND	ND	ND	ND	ND		
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	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		
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	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		
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	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		
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	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		
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	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		
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	1.2/ND	0.54/ND	ND	ND	ND	ND	ND	ND		
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	0.67/ND	0.34/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		
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	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		
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	***0.51/ND	0.13/ND	ND	ND	ND	ND	ND	ND		

CONT. - CONTAMINANT  
ND - NOT DETECTED  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-2 S-16049 <sup>(2)</sup>		WELL NO. 1-3 S-29962 <sup>(9)</sup>		WELL NO. 3-1 S-21006 <sup>(1)</sup>		WELL NO. 3-2 S-23522 <sup>(1)</sup>		WELL NO. 3-3 S-34032 <sup>(1)</sup>	
			MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
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
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	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
BROMOBENZENE	5.0 ug/l	0.5 ug/l	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
1,1,2-TRICHLORO-1,2-TRIFLUOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	2.0/1.5	1.3/0.51	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
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	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
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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	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
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
TOLUENE	5.0 ug/l	0.5 ug/l	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
M,P-XYLENE	5.0 ug/l	0.5 ug/l	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
STYRENE	5.0 ug/l	0.5 ug/l	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
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	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

CONT. - CONTAMINANT  
ND - NOT DETECTED  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

## 2021 WATER QUALITY DATA (continued)

[illegible]

ND - NOT DETECTED

- NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(1)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-4563 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>			
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
VOLATILE ORGANICS														
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	OUT OF SERVICE				ND	ND	ND	ND		
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
CHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
cis-1,2 DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
cis-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND					ND	ND	ND	ND		

CONT. - CONTAMINANT  
ND - NOT DETECTED  
\*\*\* - EXCEEDS NEW YORK STATE/USEPA LIMITS FOR POTABLE WATER  
WELL NO. 5 - OUT OF SERVICE IN 2021  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

## 2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45933 <sup>(1)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-4563 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	OUT OF SERVICE		ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	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
BROMOBENZENE	5.0 ug/l	0.5 ug/l	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
1,1,2-TRICHLORO-1,2-TRIFLUOROETHANE	5.0 ug/l	0.5 ug/l	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
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	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
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	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
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	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
M,P-XYLENE	5.0 ug/l	0.5 ug/l	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
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
ISOPROPYL BENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	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
3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND

( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

## 2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 4-1 S-45935 <sup>(1)</sup>		WELL NO. 5-1 S-23523		WELL NO. 6-1 S-45638 <sup>(1)</sup>		WELL NO. 6-2 S-4563 <sup>(1)</sup>		WELL NO. 6-3 S-61356 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONTD.)												
tert-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	OUT OF SERVICE		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
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	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
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND
DIETHYL TERT-BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND			ND	ND	ND	ND	ND	ND

ND - NOT DETECTED

WELL NO. 5 - OUT OF SERVICE IN 2021

- NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(8)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-72060 <sup>(1)</sup>			
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT		
VOLATILE ORGANICS														
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	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		
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	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		
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
CHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	0.87/ND	0.22/ND	ND	ND	ND	ND	ND	ND		
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	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		
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
<i>cis</i> -1,2 DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	0.87/ND	0.63/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		
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	0.77/ND	0.2/ND	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		
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	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		
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	***7.3/ND	3.5/ND	ND	ND	ND	ND	ND	ND		
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	1.1/ND	0.94/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		
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
<i>cis</i> -1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	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		
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		

CONT. - CONTAMINANT

ND - NOT DETECTED

(<sup>1</sup>) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(8)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-72060 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONTD.)												
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	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
BROMOBENZENE	5.0 ug/l	0.5 ug/l	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
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.0 ug/l	0.5 ug/l	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
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	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
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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	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
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
TOLUENE	5.0 ug/l	0.5 ug/l	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
M,P-XYLENE	5.0 ug/l	0.5 ug/l	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
STYRENE	5.0 ug/l	0.5 ug/l	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
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	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

CONT. - CONTAMINANT  
ND - NOT DETECTED  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 7-1 S-34021 <sup>(1)</sup>		WELL NO. 8-1 S-34022 <sup>(8)</sup>		WELL NO. 9-1 S-34063 <sup>(1)</sup>		WELL NO. 9-2 S-34064 <sup>(1)</sup>		WELL NO. 10-1 S-72060 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT (Raw/Treat)	AVG. RESULT (Raw/Treat)	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONTD.)												
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	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
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	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
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
METHYL TERT-BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT  
ND - NOT DETECTED  
( ) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119186 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS						
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
CHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
VINYL CHLORIDE	2.0 ug/l	0.5 ug/l	ND	ND	ND	ND
BROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
CHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
CHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TRICHLOROFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
METHYLENE CHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TRANS-1,2-DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
cis-1,2 DICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
2,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
BROMOCHLOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1,1-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
CARBON TETRACHLORIDE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2-DICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TRICHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
DIBROMOMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TRANS-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
cis-1,3-DICHLOROPROPENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1,2-TRICHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TETRACHLOROETHENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND

CONT. - CONTAMINANT  
ND - NOT DETECTED  
(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119188 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONT'D.)						
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
BROMOBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1,2,2-TETRACHLOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND

CONT. - CONTAMINANT  
ND - NOT DETECTED  
(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR

DIX HILLS WATER DISTRICT  
2021 WATER QUALITY DATA (continued)

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 11-1 S-119187 <sup>(1)</sup>		WELL NO. 11-2 S-119186 <sup>(1)</sup>	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
VOLATILE ORGANICS (CONTD.)						
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND
METHYL TERT-BUTYL ETHER (MTBE)	10.0 ug/l	0.5 ug/l	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

(1) - NUMBER OF SAMPLES COLLECTED AND TESTING DURING YEAR



