

PUBLIC WATER SUPPLY IDENTIFICATION NO. 2902816

MAY 2021

In accordance with State regulations, the Village of Bayville 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 180 separate parameters are tested for, in each of our wells numerous times per year. The table presented on page 3 depicts which parameters or contaminants were detected in the water supply. It should be noted that many of these parameters are naturally found in all Long Island drinking water and do not pose any adverse health effects.

WATER CONSERVATION MEASURES

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

In 2020, the Inc. Village of Bayville continued to implement a water conservation program in order to minimize any unnecessary water use. The pumpage for 2020 was 8.3 percent more than in 2019. This can be attributed to the hotter and drier weather conditions that occurred in 2020 compared to 2019.

Residents of the Village can also implement their own water conservation measures such as retrofitting plumbing fixtures with flow restrictors, modifying automatic lawn sprinklers to include rain sensors, repairing leaks in the home, installing water conservation fixtures/appliances and maintaining a daily awareness of water conservation in their personal habits. In addition, Nassau County Lawn Sprinkler Regulations are still in effect as follows:

- All water sprinkling is prohibited between 10 a.m. and 4 p.m.
- Even numbered addresses are allowed to sprinkle on even-numbered dates during the prescribed hours and odd-numbered addresses are allowed to sprinkle on odd-numbered dates during the prescribed hours.
- County law enforcement officers will assist water purveyors in enforcing the regulations through the issuance of a summons which will result in a fine.

Besides protecting our precious underground water supply, water conservation will produce a cost savings to the consumer in terms of both water and energy bills (hot water).

COST OF WATER, SYSTEM IMPROVEMENTS AND BACKFLOW PREVENTION

The Village utilizes a step billing schedule as shown in the table. The average consumer is being billed at approximately \$2.52 per 1,000 gallons of water used, excluding the minimum charge.

The Village is currently in the planning stages of installing a computerized water plant operating system known as a SCADA System. We have also made significant improvements to our wells and treatment systems to improve its operational reliability.

The Village would like to remind consumers that backflow devices must be tested on an annual basis. This test is required pursuant to the New York State Cross Connection Control Program. All testing and maintenance of this backflow device must be performed by a State Certified Tester.

A list of certified testers in Nassau County can be found at:

http://www.health.ny.gov/environmental/water/drinking/cross/backflow_testers/nassau.htm

Quarterly Water Rates

Consumption (gallons)	Charges
Minimum Charge	\$27.50 minimum charge
0 to 5,000	\$1.19/thousand gallons
5,001 to 67,500	\$2.52/thousand gallons
67,501 to 137,000	\$3.63/thousand gallons
137,001+ gallons	\$4.54/thousand gallons
(effective January 1, 2019)	

CONTACTS FOR ADDITIONAL INFORMATION

We are pleased to report that our drinking water is safe and meets all Federal and State requirements. If you have any questions about this report or concerns about your water utility, please contact the Supervisor of Water Plant Operations, Andrew J Petti III at (516)628-1439, ext. 119 or the Nassau County Department of Health at (516) 227-9692. You can also visit the Village website at <http://bayvilleny.gov/water/> for up to date information. We want our valued customers to be informed about our water system. If you want to learn more, please attend any of our regularly scheduled Village Board meetings. They are currently held on the fourth Monday at 10:00 a.m. virtually via Zoom. Link to attend meetings is found on the Village home page.

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

Some people may be more vulnerable to disease causing microorganisms or pathogens in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk to infection by Cryptosporidium, Giardia and other microbial pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activities. Contaminants that may be present in source water include: microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants.

In order to ensure that tap water is safe to drink, the State and the EPA prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

2020 DRINKING WATER QUALITY REPORT - TABLE OF DETECTED PARAMETERS

Contaminants	Violation (Yes/No)	Date of Sample	Level Detected (Maximum Range)	Unit Measurement	MCLG	Regulatory Limit (MCL or AL)	Likely Source of Contaminant
Inorganic Contaminants							
Copper	No	July/August/September 2020	ND - 1.7 0.9 ⁽¹⁾	mg/l	1.3	AL = 1.3	Corrosion of household plumbing systems; Erosion of natural deposits
Lead	No	July/August/September 2020	ND - 885.0 13.4 ⁽¹⁾	ug/l	0	AL = 15	Corrosion of household plumbing systems; Erosion of natural deposits
Sodium	No	09/15/20	3.7 - 15.7	mg/l	n/a	No MCL ⁽²⁾	Naturally occurring
Iron	No	09/15/20	ND - 40.0	ug/l	n/a	MCL = 300	Naturally occurring
Chloride	No	09/15/20	2.4 - 43.9	mg/l	n/a	MCL = 250	Naturally occurring
Nitrate	No	06/23/20	0.61 - 0.84	mg/l	10	MCL = 10	Runoff from fertilizer and leaching from septic tanks and sewage
Nickel	No	09/15/20	ND - 4.1	ug/l	n/a	MCL = 100	Naturally occurring
Magnesium	No	09/15/20	1.1 - 2.9	mg/l	n/a	NONE	Naturally occurring
Calcium	No	09/15/20	2.5 - 3.0	mg/l	n/a	NONE	Naturally occurring
Barium	No	09/08/20	0.0028 - 0.0049	mg/l	2.0	MCL = 2.0	Naturally occurring
Radionuclides							
Gross Alpha	No	06/11/19	ND - 0.594	pCi/L	n/a	MCL = 15	Naturally occurring
Gross Beta	No	06/11/19	ND - 1.59	pCi/L	n/a	MCL = 50	Naturally occurring
Radium 226 & 228 Combined	No	08/13/19	0.403 - 1.01	pCi/L	n/a	MCL = 5 ⁽³⁾	Naturally occurring
Uranium	No	06/11/19	ND - 0.297	ug/l	n/a	MCL = 30	Naturally occurring
Disinfectant							
Chlorine Residual	No	08/11/20	0.2 - 0.74	mg/l	n/a	MRDL = 4.0	Measure of disinfectant
Physical Characteristics							
pH	No	02/25/20	6.6 - 7.08	pH units	n/a	7.5 - 8.5 ⁽⁴⁾	Measure of water acidity or alkalinity
Total Alkalinity	No	01/29/20	10.8 - 18.9	mg/l	n/a	No MCL	Naturally occurring
Calcium Hardness	No	09/15/20	6.2 - 7.4	mg/l	n/a	No MCL	Naturally occurring
Total Hardness	No	09/15/20	10.6 - 19.2	mg/l	n/a	No MCL	Naturally occurring
Total Dissolved Solids (TDS)	No	09/15/20	36.0 - 70.0	mg/l	n/a	No MCL	Naturally occurring

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.

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).

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

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

pCi/L - pico Curies per Liter is a measure of radioactivity in water.

⁽¹⁾ - During 2020, the Village collected 24 samples for lead and copper. The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system. In our sampling program, the 90th percentile value is the third highest result.

The next round of samples will occur in 2023. If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. Inc. Village of Bayville 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>.

⁽²⁾ - No MCL has been established for sodium. However, 20 mg/l is a recommended guideline for people on high restricted sodium diets and 270 mg/l for those on moderate sodium diets.

⁽³⁾ - MCL for Radium is for Radium 226 and Radium 228 combined.

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

SOURCE WATER ASSESSMENT

The NYSDOH, with assistance from the local health department, has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how rapidly contaminants can move through the subsurface to the wells. The susceptibility of a water supply well to contamination is dependent upon both the presence of potential sources of contamination within the well's contributing area and the likelihood that the contaminant can travel through the environment to reach the well. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is, or will become contaminated. Please refer to section "Water Quality" and page 3 for a list of the contaminants that have been detected. The source water assessments provide resource managers with additional information for protecting source waters into the future.

Drinking water is derived from 3 wells. The source water assessment has rated all of the wells as having a low susceptibility to potential sources of contamination. However, due to the highly sensitive characteristics of the aquifer, continued vigilance in compliance with water quality protection and pollution prevention programs as well as continued monitoring and enforcement will help to continue to protect groundwater quality.

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

Copies of the Supplemental Data Package, which includes the water quality data for each of our supply wells utilized during 2020, are available at Village Hall located at 34 School Street, Bayville, New York and the local Public Library.

We, at the Inc. Village of Bayville, work around the clock to provide top quality water to every tap throughout the community. We ask that all our customers help us protect our water supply which will improve our way of life and our children's future.

The Inc. Village of Bayville conducts over 3,000 water quality tests throughout the year, testing for over 180 different contaminants which have been undetected in our water supply including:

Arsenic	Metribuzin	Chloroform	Coliform Bacteria
Cadmium	Butachlor	Bromodichloromethane	Chlorobenzene
Chromium	2,4-D	Dibromochloromethane	1,1,1,2-Tetrachloroethane
Copper	2,4,5-TP (Silvex)	Bromoform	Bromobenzene
Fluoride	Dinoseb	Coliform Bacteria	1,1,2,2-Tetrachloroethane
Mercury	Dalapon	Sulfate	1,2,3-Trichloropropane
Selenium	Picloram	Zinc	2-Chlorotoluene
Silver	Dicamba	N-Butylbenzene	4-Chlorotoluene
Color	Pentachlorophenol	4-Isopropyltoluene (P-Cumene)	1,2-Dichlorobenzene
Turbidity	Hexachlorocyclopentadiene	Dichlorodifluoromethane	1,3-Dichlorobenzene
Odor	bis(2-Ethylhexyl)adipate	Chloromethane	1,4-Dichlorobenzene
Manganese	bis(2-Ethylhexyl)phthalate	Vinyl Chloride	1,24-Trichlorobenzene
Ammonia	Hexachlorobenzene	Bromomethane	Hexachlorobutadiene
Nitrite	Benzo(A)Pyrene	Chloroethane	1,2,3-Trichlorobenzene
Detergents (MBAS)	Aldicarb Sulfone	Trichlorofluoromethane	Benzene
Sulfate	Aldicarb sulfoxide	Chlorodifluoromethane	Toluene
Free Cyanide	Aldicarb	1,1-Dichloroethene	Ethylbenzene
Antimony	Total Aldicarb	Methylene Chloride	M,P-Xylene
Beryllium	Oxamyl	Trans-1,2-Dichloroethene	O-Xylene
Thallium	Methomyl	1,1-Dichloroethane	Styrene
Perchlorate	3-Hydroxycarbofuran	cis-1,2-Dichloroethene	Isopropylbenzene (Cumene)
Lindane	Carbofuran	2,2-Dichloropropane	N-Propylbenzene
Heptachlor	Carbaryl	Bromochloromethane	1,3,5-Trimethylbenzene
Aldrin	Glyphosate	1,1,1-Trichloroethane	Tert-Butylbenzene
Heptachlor Epoxide	Diquat	Carbon Tetrachloride	1,2,4-Trimethylbenzene
Dieldrin	Endothall	Carbon Tetrachloride	Sec-Butylbenzene
Endrin	1,2-Dibromoethane (EDB)	1,1-Dichloropropene	Methyl Tert-Butyl Ether (MTBE)
Methoxychlor	1,2-Dibromo-3-Chl.Propane	1,2-Dichloroethane	Perfluorohexanesulfonic Acid
Toxaphene	Dioxin	Trichloroethene	Perfluorooctanoic Acid (PFOA)*
Chlordane	Chloroacetic Acid	1,2-Dichloropropane	Perfluorooctanesulfonic Acid (PFOS)
Total PCBs	Bromoacetic Acid	Dibromomethane	
Propachlor	Dichloroacetic Acid	Trans-1,3-Dichloropropene	
Alachlor	Trichloroacetic Acid	cis-1,3-Dichloropropene	
Atrazine	Dibromoacetic Acid	1,1,2-Trichloroethane	
Metolachlor	Total Haloacetic Acid	Tetrachloroethene	
1,4-Dioxane*	Perchlorate	1,3-Dichloropropane	

* - The Village of Bayville tested its drinking water for 1,4-Dioxane and PFOAs in 2020 due to the situation that occurred in the Village of Hoosick Falls, New York. Well No. 1-1 was tested on 02/11/20 and 11/10/20; Well 1-3 was tested on 02/25/20 and 10/27/20 and Well No. 2-1 was tested on 03/10/20 and 11/17/20. We are pleased to report that 1,4-Dioxane and PFOAs were not detected in our water supply. We are continuing to sample for both 1,4-Dioxane and PFOAs on a quarterly basis and have been at zero detection.

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (mg/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-1 N-7620 ⁽¹⁾		WELL NO. 1-3 N-8776 ⁽¹⁾		WELL NO. 2-1 N-10144 ⁽¹⁾	
			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
BARIUM	2.0 mg/l	0.2 mg/l	0.0028	0.0028	0.0029	0.0029	0.004	0.004
CADMIUM	5.0 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND
CHROMIUM	0.10 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND
COPPER	[1.3] mg/l	0.02 mg/l	0.0055	0.0055	0.0061	0.0061	0.0037	0.0037
FLUORIDE	2.2 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND
LEAD	[15.0] ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND
MERCURY	2.0 ug/l	0.2 ug/l	ND	ND	ND	ND	ND	ND
LANGLIER SATURATION INDEX	None	None	-3.72	-3.72	-3.61	-3.61	-3.31	-3.31
SELENIUM	50 ug/l	5.0 ug/l	ND	ND	ND	ND	ND	ND
SILVER	0.1 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND
SODIUM	**20/270 mg/l	0.2 mg/l	4.4	4.4	3.7	3.7	15.7	15.7
ZINC	5.0 mg/l	0.02 mg/l	ND	ND	ND	ND	ND	ND
COLOR	15 Units	5 Units	ND	ND	ND	ND	ND	ND
TURBIDITY	5 Units	1 Unit	ND	ND	ND	ND	ND	ND
ODOR	3 Units	0 Units	ND	ND	ND	ND	ND	ND
IRON	0.3 mg/l	0.02 mg/l	ND	ND	ND	ND	0.04	0.04
MANGANESE	0.3 mg/l	0.01 mg/l	ND	ND	ND	ND	ND	ND
AMMONIA	None	0.1 mg/l	ND	ND	ND	ND	ND	ND
NITRITE	1.0 mg/l	0.1 mg/l	ND	ND	ND	ND	ND	ND
NITRATE	10.0 mg/l	0.1 mg/l	0.83 ⁽²⁾	0.83	0.61 ⁽²⁾	0.61	0.71 ⁽²⁾	0.71
CHLORIDE	250 mg/l	1.0 mg/l	3.1	3.1	2.4	2.4	43.9 ⁽²¹⁾	28.2
TOTAL HARDNESS	None	1.0 mg/l	12.2	12.2	10.6	10.6	19.2	19.2
TOTAL ALKALINITY	None	0 mg/l	11.4	11.4	10.8	10.8	13.9	13.9
pH (BEFORE TREATMENT)	None	None	6.4 ⁽²⁾	6.1	6.6	6.6	6.7 ⁽²⁾	6.4
TOTAL DISSOLVED SOLIDS	None	5.0 mg/l	36.0	36.0	37.0	37.0	70.0	70.0
DETERGENTS (MBAS)	None	0.08 mg/l	ND	ND	ND	ND	ND	ND
CALCIUM HARDNESS	None	1.0 mg/l	7.3	7.3	6.2	6.2	7.4	7.4
SULFATE	250 mg/l	5.0 mg/l	ND	ND	ND	ND	ND	ND
FREE CYANIDE	200 ug/l	10.0 ug/l	ND	ND	ND	ND	ND	ND
ANTIMONY	6.0 ug/l	5.9 ug/l	ND	ND	ND	ND	ND	ND
BERYLLIUM	4.0 ug/l	3.0 ug/l	ND	ND	ND	ND	ND	ND
CALCIUM	None	1.0 mg/l	2.9	2.9	2.5	2.5	3.0	3.0
MAGNESIUM	None	1.0 mg/l	1.2	1.2	1.1	1.1	2.9	2.9
NICKEL	0.1 mg/l	0.0005 mg/l	ND	ND	ND	ND	0.0041	0.0041
THALLIUM	2.0 ug/l	0.3 ug/l	ND	ND	ND	ND	ND	ND
PERCHLORATE	18 ug/l	1.0 ug/l	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

NA - NOT ANALYZED

** - 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/NYSDOH ACTION LEVEL

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-1 N-7620 ⁽¹⁾		WELL NO. 1-3 N-8776 ⁽¹⁾		WELL NO. 2-1 N-10144 ⁽¹⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>SYNTHETIC ORGANICS CONTAMINANTS</u> <u>(SOC)</u>								
LINDANE	0.2 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEPTACHLOR	0.4 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ALDRIN	5.0 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEPTACHLOR EPOXIDE	0.2 ug/l	0.025 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DIELDRIN	2.0 ug/l	0.05 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ENDRIN	2.0 ug/l	0.05 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
METHOXYCHLOR	40.0 ug/l	0.25 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
TOXAPHENE	3.0 ug/l	2.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
CHLORDANE	2.0 ug/l	0.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
TOTAL PCBs	0.5 ug/l	0.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
PROPACHLOR	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ALACHLOR	2.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
SIMAZINE	4.0 ug/l	0.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ATRAZINE	3.0 ug/l	0.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
METOLACHLOR	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
METRIBUZIN	50.0 ug/l	0.5 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
BUTACHLOR	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

NA - NOT ANALYZED

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

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX.	DETECT.	WELL NO. 1-1 N-7620 ⁽¹⁾		WELL NO. 1-3 N-8776 ⁽¹⁾		WELL NO. 2-1 N-10144 ⁽¹⁾	
	CONT. LEVEL		LIMITS	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT
SYNTHETIC ORGANICS CONTAMINANTS (SOC) (CONT'D.)								
2,4-D	50.0 ug/l	0.25 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
2,4,5-TP (SILVEX)	10.0 ug/l	0.13 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DINOSEB	7.0 ug/l	0.2 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DALAPON	200 ug/l	0.7 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
PICLORAM	500 ug/l	0.6 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DICAMBA	50.0 ug/l	0.08 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
PENTACHLOROPHENOL	1.0 ug/l	0.2 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEXACHLOROCYCLOPENTADIENE	50.0 ug/l	0.64 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
bis(2-ETHYLHEXYL)ADIPATE	400 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
bis(2-ETHYLHEXYL)PHTHALATE	6.0 ug/l	3.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
HEXACHLOROBENZENE	1.0 ug/l	0.25 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
BENZO(A)PYRENE	0.2 ug/l	0.1 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ALDICARB SULFONE	2.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ALDICARBSULFOXIDE	4.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ALDICARB	3.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
TOTAL ALDICARBS	7.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
OXAMYL	200 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
METHOMYL	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
3-HYDROXYCARBOFURAN	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
CARBOFURAN	40.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
CARBARYL	50.0 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
GLYPHOSATE	700 ug/l	10.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DIQUAT	20 ug/l	1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
ENDOTHALL	100 ug/l	50.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
1,2-DIBROMOETHANE (EDB)	0.05 ug/l	0.02 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
1,2-DIBROMO-3-CHL.PROPANE	0.2 ug/l	0.02 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DIOXIN	30 Pg/L	5.0 Pg/L	NOT	TESTED	NOT	TESTED	NOT	TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

NA - NOT ANALYZED

Pg/L - PICOGRAMS PER LITER

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

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX.	DETECT.	WELL NO. 1-1 N-7620 ⁽⁴⁾		WELL NO. 1-3 N-8776 ⁽⁴⁾		WELL NO. 2-1 N-10144 ⁽⁴⁾	
	CONT. LEVEL		LIMITS	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT
<u>TRICHALOMETHANES AND HALOACETIC ACIDS</u>								
CHLOROACETIC ACID	---	< 2.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
BROMOACETIC ACID	---	< 1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DICHLOROACETIC ACID	---	< 1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
TRICHLOROACETIC ACID	---	< 1.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
DIBROMOACETIC ACID	---	< 2.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
TOTAL HALOACETIC ACID	60 ug/l	< 2.0 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED
CHLOROFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMODICHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
DIBROMOCHLOROMETHANE	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
BROMOFORM	50 ug/l	< 0.5 ug/l	ND	ND	ND	ND	ND	ND
TOTAL TRIHALOMETHANES	80 ug/l	< 1.0 ug/l	ND	ND	ND	ND	ND	ND
<u>RADIONUCLIDES</u>								
GROSS ALPHA	15 pCi/L	< 3 pCi/L	NOT	TESTED	NOT	TESTED	NOT	TESTED
GROSS BETA	50 pCi/L	< 3 pCi/L	NOT	TESTED	NOT	TESTED	NOT	TESTED
RADIUM 226 & 228 COMBINED	5 pCi/L	< 3 pCi/L	NOT	TESTED	NOT	TESTED	NOT	TESTED
URANIUM	30 ug/l	< 3 ug/l	NOT	TESTED	NOT	TESTED	NOT	TESTED

CONT. - CONTAMINANT

ND - NOT DETECTED

pCi/L - pico Curies per Liter

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX.	DETECT.	WELL NO. 1-1 N-7620 ⁽⁴⁾		WELL NO. 1-3 N-8776 ⁽⁴⁾		WELL NO. 2-1 N-10144 ⁽⁴⁾	
	CONT. LEVEL		LIMITS	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT
<u>VOLATILE ORGANICS</u>								
DICHLORODIFLUOROMETHANE	5.0 ug/l	0.5 ug/l	ND	ND	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
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 DICHLOROETHENE	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

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX.	DETECT.	WELL NO. 1-1 N-7620 ⁽⁴⁾		WELL NO. 1-3 N-8776 ⁽⁴⁾		WELL NO. 2-1 N-10144 ⁽⁴⁾	
	CONT. LEVEL		LIMITS	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT
<u>VOLATILE ORGANICS (CONT'D.)</u>								
1,3-DICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	5.0 ug/l	0.5 ug/l	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
BROMOBENZENE	5.0 ug/l	0.5 ug/l	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
1,2,3-TRICHLOROPROPANE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
2-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
4-CHLOROTOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,3-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,4-DICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,4-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
HEXACHLOROBUTADIENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,3-TRICHLOROBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
BENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
TOLUENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
ETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
M,P-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
O-XYLENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
STYRENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
ISOPROPYLBENZENE (CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
N-PROPYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,3,5-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND

CONT. - CONTAMINANT

ND - NOT DETECTED

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

**INC. VILLAGE OF BAYVILLE
2020 WATER QUALITY DATA**

PARAMETERS (ug/l)	MAX. CONT. LEVEL	DETECT. LIMITS	WELL NO. 1-1 N-7620 ⁽⁴⁾		WELL NO. 1-3 N-8776 ⁽⁴⁾		WELL NO. 2-1 N-10144 ⁽⁴⁾	
			MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT	MAX. RESULT	AVG. RESULT
<u>VOLATILE ORGANICS (CONT'D.)</u>								
TERT-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
1,2,4-TRIMETHYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
SEC-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
4-ISOPROPYLTOLUENE (P-CUMENE)	5.0 ug/l	0.5 ug/l	ND	ND	ND	ND	ND	ND
N-BUTYLBENZENE	5.0 ug/l	0.5 ug/l	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

CONT. - CONTAMINANT

ND - NOT DETECTED

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