

**WATER AUTHORITY OF GREAT NECK NORTH
2020 DISTRIBUTION SYSTEM TESTING RESULTS**

Supplement to the 2020 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

PHYSICAL (PHY. 1)						VOLATILE HALOCARBONS (POC's)						VOLATILE HALOCARBONS (POC'S)					
	MCL	MAX	MIN	AVG	No. FQ.		MCL	MAX	MIN	AVG	No. FQ.		MCL	MAX	MIN	AVG	No. FQ.
	(ug/L)	(ug/L)	(ug/L)	(ug/L)			(ug/L)	(ug/L)	(ug/L)	(ug/L)			(ug/L)	(ug/L)	(ug/L)	(ug/L)	
Turbidity	* 5	ND	ND	ND	3 SA	1,1,1,2-Tetrachloroethane	5	ND	ND	ND	3 SA	n-Butylbenzene	5	ND	ND	ND	3 SA
Color	* 15	5	ND	1.66	3 SA	1,1,1-Trichloroethane	5	ND	ND	ND	3 SA	n-Propylbenzene	5	ND	ND	ND	3 SA
Odor	* 3	ND	ND	ND	3 SA	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	3 SA	o-Xylene	5	ND	ND	ND	3 SA
Temperature (°C)	-	17	14	16	3 SA	1,1,2-Trichloroethane	5	ND	ND	ND	3 SA	p-Isopropyltoluene	5	ND	ND	ND	3 SA
* Standard and Results are Measured in UNITS						1,1,2-Trichlorotrifluoroethane	5	ND	ND	ND	3 SA	sec-Butylbenzene	5	ND	ND	ND	3 SA
CORROSIVITY (COR. 1)						1,1-Dichloroethane	5	ND	ND	ND	3 SA	Styrene	5	ND	ND	ND	3 SA
	MCL	MAX	MIN	AVG	No. FQ.	1,1-Dichloroethene	5	ND	ND	ND	3 SA	tert-Butylbenzene	5	ND	ND	ND	3 SA
Calcium Hardness	69.9	61.2	64.27	64.27	3 SA	1,1-Dichloropropene	5	ND	ND	ND	3 SA	Tetrachloroethene	5	ND	ND	ND	3 SA
Langelier Index	-1.23	-0.51	-0.88	-0.88	3 SA	1,2,3-Trichlorobenzene	5	ND	ND	ND	3 SA	Toluene	5	ND	ND	ND	3 SA
pH	7.9	6.5	7.26	7.26	3 SA	1,2,3-Trichloropropane	5	ND	ND	ND	3 SA	trans-1,2-Dichloroethene	5	ND	ND	ND	3 SA
Total Alkalinity	77.2	61.0	67.0	67.0	3 SA	1,2,4-Trichlorobenzene	5	ND	ND	ND	3 SA	trans-1,3-Dichloropropene	5	ND	ND	ND	3 SA
Total Dissolved Solids	231	209	219	219	3 SA	1,2,4-Trimethylbenzene	5	ND	ND	ND	3 SA	Trichloroethene	5	ND	ND	ND	3 SA
Total Hardness	123	119	121	121	3 SA	1,2-Dichlorobenzene	5	ND	ND	ND	3 SA	Trichlorofluoromethane	5	ND	ND	ND	3 SA
DISINFECTION BY-PRODUCTS						1,2-Dichloroethane	5	ND	ND	ND	3 SA	Vinyl chloride	2	ND	ND	ND	3 SA
	MCL	MAX	MIN	AVG	No. FQ.	1,2-Dichloropropane	5	ND	ND	ND	3 SA	INORGANIC (IOC.1,2)					
Total Trihalomethane	80	4	ND	1.23	3 SA	1,3,5-Trimethylbenzene	5	ND	ND	ND	3 SA		MCL	MAX	MIN	AVG	No. FQ.
Five Haloacetic Acid	60	ND	ND	ND	3 SA	1,3-Dichlorobenzene	5	ND	ND	ND	3 SA	(mg/L)	(mg/L)	(mg/L)	(mg/L)		
MICROBIOLOGICAL (MIC.)						1,3-Dichloropropane	5	ND	ND	ND	3 SA	Antimony	0.006	ND	ND	ND	3 SA
MCL = Non Detect						1,4-Dichlorobenzene	5	ND	ND	ND	3 SA	Arsenic	0.01	ND	ND	ND	3 SA
In 2020, 575 samples were tested. There was one positive Total Coliform sample.						2,2-Dichloropropane	5	ND	ND	ND	3 SA	Barium	2	0.032	0.016	0.023	3 SA
Subsequent Triggered Source monitoring were all negative for Total Coliform.						2-Chlorotoluene	5	ND	ND	ND	3 SA	Beryllium	0.004	ND	ND	ND	3 SA
NOTES:						4-Chlorotoluene	5	ND	ND	ND	3 SA	Cadmium	0.005	ND	ND	ND	3 SA
Sodium: The New York State Department of Health recommends that Sodium not exceed 20mg/L for severely restricted sodium diets and 270 mg/L for moderately restricted sodium diets.						Benzene	5	ND	ND	ND	3 SA	Calcium	N/A	28	24.5	25.73	3 SA
Perchlorate: The primary Action Level is 18 ppb. The Secondary Action Level is 5bbp.						Bromobenzene	5	ND	ND	ND	3 SA	Chloride	250	64	46	55.27	3 SA
						Bromochloromethane	5	ND	ND	ND	3 SA	Chromium	0.1	ND	ND	ND	3 SA
						Bromodichloromethane	ND	ND	ND	5 SA	Copper	1.3	0.02	0.013	0.157	3 SA	
						Bromoform	2.0	ND	0.67	5 SA	Fluoride	2.2	ND	ND	ND	3 SA	
						Bromomethane	5	ND	ND	ND	3 SA	Free Cyanide	0.2	ND	ND	ND	3 SA
						Carbon tetrachloride	5	ND	ND	ND	3 SA	Iron	0.3	ND	ND	ND	3 SA
						Chlorobenzene	5	ND	ND	ND	3 SA	Lead	0.015	ND	ND	ND	3 SA
						Chlorodifluoromethane	5	ND	ND	ND	3 SA	Magnesium	N/A	14.8	12.3	13.7	3 SA
						Chloroethane	5	ND	ND	ND	3 SA	Manganese	0.3	ND	ND	ND	3 SA
						Chloroform	ND	ND	ND	5 SA	MBAS	N/A	ND	ND	ND	3 SA	
						Chloromethane	5	ND	ND	ND	3 SA	Mercury	0.002	ND	ND	ND	3 SA
						cis-1,2-Dichloroethene	5	ND	ND	ND	3 SA	Nickel	N/A	0.0008	ND	0.0004	3 SA
						cis-1,3-Dichloropropene	5	ND	ND	ND	3 SA	Selenium	0.05	ND	ND	ND	3 SA
						Dibromochloromethane	2.0	ND	0.55	5 SA	Silver	0.1	ND	ND	ND	3 SA	
						Dibromomethane	5	ND	ND	ND	3 SA	Sodium	See Notes	26.6	22	23.8	3 SA
						Dichlorodifluoromethane	5	ND	ND	ND	3 SA	Sulfate	250	34.3	23.6	29.03	3 SA
						Ethylbenzene	5	ND	ND	ND	3 SA	Thallium	0.002	ND	ND	ND	3 SA
						Hexachloro-1,3-butadiene	5	ND	ND	ND	3 SA	Zinc	5	ND	ND	ND	3 SA
						Isopropylbenzene	5	ND	ND	ND	3 SA	Ammonia	N/A	ND	ND	ND	3 SA
						m&p-Xylene	5	ND	ND	ND	3 SA	Nitrates	10	2.9	2.3	2.63	3 SA
						Methylene chloride	5	ND	ND	ND	3 SA	Nitrites	1	ND	ND	ND	3 SA
						Methyl-tert-butyl ether	10	ND	ND	ND	3 SA	Perchlorate	See Notes	6	ND	2.53	3 SA

SYMBOLS USED IN THIS REPORT

- FQ. Frequency
- MCL Maximum Allowable Contaminant Level
- N/A Not Applicable
- ND Non Detect
- No. Number of sample tested
- SA Semi Annually
- ug/L Micrograms per Liter (parts per billion)
- mg/L Milligrams per Liter (parts per million)

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PHYSICAL (PHY.1)	MCL (UNITS)	WELL #2A	WELL #5	WELL #6	WELL #7	WELL #8
Turbidity	5	ND	ND	3.8	ND	ND
Color	15	ND	ND	15	5	ND
Odor	3	ND	1	ND	ND	ND
Temperature	Deg. C.	16	14	15	14	14

INORGANIC (IOC. 1,2,3)	MCL (mg/L)	WELL #2A (mg/L)	WELL #5 (mg/L)	WELL #6 (mg/L)	WELL #7 (mg/L)	WELL #8 (mg/L)
Antimony	0.006	ND	ND	ND	ND	ND
Arsenic	0.010	ND	ND	ND	ND	ND
Barium	2.0	0.024	0.059	0.047	0.015	0.061
Beryllium	0.004	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND
Calcium	N/A	22.0	33.9	35.3	27.5	37.7
Chloride	250	60.5	108	47.8	46.8	94.5
Chromium	0.10	ND	ND	ND	ND	ND
Copper	1.3	ND	0.0036	0.0024	0.0074	0.0034
Fluoride	2.2	ND	0.1	ND	ND	ND
Free Cyanide	0.2	ND	ND	ND	ND	ND
Iron	0.3	ND	0.1	0.31	0.023	0.041
Lead	0.015	ND	ND	ND	ND	ND
Magnesium	N/A	11.6	15.4	14.2	12.4	20.1
Manganese	0.3	ND	0.012	0.24	0.01	ND
MBAS	N/A	ND	ND	ND	ND	ND
Mercury	0.002	ND	ND	ND	ND	ND
Nickel	N/A	0.0011	ND	0.0014	ND	0.0012
Selenium	0.05	ND	ND	ND	ND	ND
Silver	0.1	ND	ND	ND	ND	ND
Sodium	See Notes	19.3	22.8	16.6	16.6	20.2
Sulfate	250	23.7	15.3	45.1	34.1	49.6
Thallium	0.002	ND	ND	ND	ND	ND
Zinc	5.0	ND	ND	ND	ND	0.02
Ammonia	N/A	ND	ND	ND	ND	ND
Nitrates	10	3.6	0.15	0.86	1.5	4.3
Nitrites	1	ND	ND	ND	ND	ND
Perchlorate	See Notes	2.6	ND	ND	ND	ND

CORROSIVITY (COR.1)

Calcium Hardness	54.9	84.6	88.1	68.7	94.1
Langelier Index	0	-2.02	-1.64	-1.91	-1.93
PH	6.8	7.3	6.2	6.7	4.9
Total Alkalinity	51	50.1	67.2	77.6	58
Dissolved Solids	200	271	186	187	273
Total Hardness	103	148	147	120	177

NOTES:

Sodium:

The New York State Department of Health recommends that Sodium not exceed 20 mg/L for severely restricted sodium diets and 270 mg/L for moderately restricted sodium diets.

Perchlorate:

The Primary Action Level is 18 ppb. If a well exceeds the Primary Action Level, the supplier must perform public notification and the well must be taken out of service or appropriate steps (such as blending) must be taken to assure the safety of the public's health.

The Secondary Action Level is 5 ppb. If a well exceeds the Secondary Action Level, State notification is required and the well must be monitored quarterly and operated to reduce the discharge of perchlorate into the distribution system.

ND = NON-DETECT

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PHYSICAL (PHY.1)	MCL (UNITS)	WELL #9	WELL #10A	WELL #11A	WELL #12	WELL #13	WELL #14
Turbidity	5	ND	ND	1.6	ND	ND	ND
Color	15	ND	ND	ND	ND	ND	ND
Odor	3	ND	ND	ND	ND	ND	ND
Temperature	Deg. C.	15	14	15	13	13	13
INORGANIC (IOC. 1,2,3)	MCL (mg/L)	WELL #9 (mg/L)	WELL #10A (mg/L)	WELL #11A (mg/L)	WELL #12 (mg/L)	WELL #13 (mg/L)	WELL #14 (mg/L)
Antimony	0.006	ND	ND	ND	ND	ND	ND
Arsenic	0.010	ND	ND	ND	ND	ND	ND
Barium	2.0	0.037	0.018	0.2	0.0042	0.01	0.017
Beryllium	0.004	ND	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND	ND
Calcium	N/A	33.7	16.7	17.1	8.3	27.9	22.6
Chloride	250	94.5	37.7	11.6	72.1	84.3	70.5
Chromium	0.10	ND	ND	ND	ND	ND	ND
Copper	1.3	0.0073	0.0035	ND	0.0051	0.0052	0.0035
Fluoride	2.2	ND	0.11	ND	ND	ND	ND
Free Cyanide	0.2	ND	ND	ND	ND	ND	ND
Iron	0.3	ND	ND	0.027	0.038	ND	ND
Lead	0.015	ND	ND	ND	ND	ND	ND
Magnesium	N/A	15.4	9.3	6.9	5.4	16.7	13.3
Manganese	0.3	ND	ND	ND	ND	ND	ND
MBAS	N/A	ND	ND	ND	ND	ND	ND
Mercury	0.002	ND	ND	ND	ND	ND	ND
Nickel	N/A	0.00062	0.00054	ND	ND	0.00075	0.00062
Selenium	0.05	ND	ND	ND	ND	ND	ND
Silver	0.1	ND	ND	ND	ND	ND	ND
Sodium	See Notes	35.6	9.4	6.4	8.7	22.3	24.7
Sulfate	250	6.2	22.4	18.4	ND	21.4	27.8
Thallium	0.002	ND	ND	ND	ND	ND	ND
Zinc	5.0	0.051	ND	ND	ND	0.02	ND
Ammonia	N/A	ND	ND	ND	ND	ND	ND
Nitrates	10	2.1	2	1.3	1.9	2.2	1.6
Nitrites	1	ND	ND	ND	ND	ND	ND
Perchlorate	See Notes	ND	ND	ND	2.5	ND	ND

CORROSIVITY (COR.1)

Calcium Hardness	84.1	41.7	42.7	20.7	69.7	56.4
Langelier Index	-1.01	-2.04	-2.09	-2.92	-1.88	-1.94
PH	7	6.6	6.8	6.3	6.7	6.8
Total Alkalinity	73.6	59	48.4	25.1	53.7	56.6
Disssolved Solids	312	125	100	92	254	201
Total Hardness	148	80.1	71.3	43.1	138	111

NOTES:

Sodium:

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Perchlorate:

The Primary Action Level is 18 ppb. If a well exceeds the Primary Action Level, the supplier must perform public notification and the well must be taken out of service or appropriate steps (such as blending) must be taken to assure the safety of the public's health.

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PESTICIDES AND HERBICIDES (SOC. 1,2)	MCL (ug/L)	WELL #2A (ug/L)	WELL #5 (ug/L)	WELL #6 (ug/L)	WELL #7 (ug/L)	WELL #8 (ug/L)
Alachlor	2.0	ND	ND	ND	ND	ND
Aldicarb	3.0	ND	ND	ND	ND	ND
Aldicarb Sulfoxide	4.0	ND	ND	ND	ND	ND
Aldicarb Sulfone	2.0	ND	ND	ND	ND	ND
Atrazine	3.0	ND	ND	ND	ND	ND
Carbofuran	40.0	ND	ND	ND	ND	ND
Chlordane	2.0	ND	ND	ND	ND	ND
DBCP or 1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND
2,4-D	50.0	ND	ND	ND	ND	ND
Endrin	2.0	ND	ND	ND	ND	ND
1,2- Dibromoethane	0.05	ND	ND	ND	ND	ND
Heptachlor	0.4	ND	ND	ND	ND	ND
Heptachlor Epoxide	0.2	ND	ND	ND	ND	ND
Lindane	0.2	ND	ND	ND	ND	ND
Methoxychlor	40.0	ND	ND	ND	ND	ND
Pentachlorophenol	1.0	ND	ND	ND	ND	ND
Toxaphene	3.0	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	10.0	ND	ND	ND	ND	ND
3-Hydroxycarbofuran	50.0	ND	ND	ND	ND	ND
Aldrin	5.0	ND	ND	ND	ND	ND
Benzo (a) pyrene	0.2	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) adipate	50.0	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalates	6.0	ND	ND	ND	ND	ND
Butachlor	50.0	ND	ND	ND	ND	ND
Carbaryl	50.0	ND	ND	ND	ND	ND
Dalapon	50.0	ND	ND	ND	ND	ND
Dicamba	50.0	ND	ND	ND	ND	ND
Dieldrin	5.0	ND	ND	ND	ND	ND
Dinoseb	7.0	ND	ND	ND	ND	ND
Diquat	20.0	ND	ND	ND	ND	ND
Endothall	50.0	ND	ND	ND	ND	ND
Glyphosate	50.0	ND	ND	ND	ND	ND
Hexachlorobenzene	1.0	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.0	ND	ND	ND	ND	ND
Methomyl	50.0	ND	ND	ND	ND	ND
Metolachlor	50.0	ND	ND	ND	ND	ND
Metribuzin	50.0	ND	ND	ND	ND	ND
Oxamyl	50.0	ND	ND	ND	ND	ND
Pichloram	50.0	ND	ND	ND	ND	ND
Propachlor	50.0	ND	ND	ND	ND	ND
Simazine	4.0	ND	ND	ND	ND	ND
Total PCB's	0.5	ND	ND	ND	ND	ND
Dioxin	0.00003	ND	ND	ND	ND	ND
1,4-Dioxane (p-Dioxane)	1.0	0.38	0.4	1.1	0.087	0.059
Perfluorooctanesulfonic acid	10.0 ¹	3.5	2.6	ND	ND	ND
Perfluorooctanoic acid	10.0 ¹	3.8	3.7	ND	ND	ND

NOTE:

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¹ Units in ng/L or parts per trillion

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PESTICIDES AND HERBICIDES (SOC. 1,2)	MCL (ug/L)	WELL #9 (ug/L)	WELL #10A (ug/L)	WELL #11A (ug/L)	WELL #12 (ug/L)	WELL #13 (ug/L)	WELL #14 (ug/L)
Alachlor	2.0	ND	ND	ND	ND	ND	ND
Aldicarb	3.0	ND	ND	ND	ND	ND	ND
Aldicarb Sulfoxide	4.0	ND	ND	ND	ND	ND	ND
Aldicarb Sulfone	2.0	ND	ND	ND	ND	ND	ND
Atrazine	3.0	ND	ND	ND	ND	ND	ND
Carbofuran	40.0	ND	ND	ND	ND	ND	ND
Chlordane	2.0	ND	ND	ND	ND	ND	ND
DBCP or 1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	ND	ND
2,4-D	50.0	ND	ND	ND	ND	ND	ND
Endrin	2.0	ND	ND	ND	ND	ND	ND
1,2- Dibromoethane	0.05	ND	ND	ND	ND	ND	ND
Heptachlor	0.4	ND	ND	ND	ND	ND	ND
Heptachlor Expoxide	0.2	ND	ND	ND	ND	ND	ND
Lindane	0.2	ND	ND	ND	ND	ND	ND
Methoxychlor	40.0	ND	ND	ND	ND	ND	ND
Pentachlorophenol	1.0	ND	ND	ND	ND	ND	ND
Toxaphene	3.0	ND	ND	ND	ND	ND	ND
2,4,5-TP (Silvex)	10.0	ND	ND	ND	ND	ND	ND
3-Hydroxycarbofuran	50.0	ND	ND	ND	ND	ND	ND
Aldrin	5.0	ND	ND	ND	ND	ND	ND
Benzo (a) pyrene	0.2	ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) adipate	50.0	ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalates	6.0	ND	ND	ND	ND	ND	ND
Butachlor	50.0	ND	ND	ND	ND	ND	ND
Carbaryl	50.0	ND	ND	ND	ND	ND	ND
Dalapon	50.0	ND	ND	ND	ND	ND	ND
Dicamba	50.0	ND	ND	ND	ND	ND	ND
Dieldrin	5.0	0.061	ND	ND	ND	ND	ND
Dinoseb	7.0	ND	ND	ND	ND	ND	ND
Diquat	20.0	ND	ND	ND	ND	ND	ND
Endothall	50.0	ND	ND	ND	ND	ND	ND
Glyphosate	50.0	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	1.0	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	5.0	ND	ND	ND	ND	ND	ND
Methomyl	50.0	ND	ND	ND	ND	ND	ND
Metolachlor	50.0	ND	ND	ND	ND	ND	ND
Metribuzin	50.0	ND	ND	ND	ND	ND	ND
Oxamyl	50.0	ND	ND	ND	ND	ND	ND
Pichloram	50.0	ND	ND	ND	ND	ND	ND
Propachlor	50.0	ND	ND	ND	ND	ND	ND
Simazine	4.0	ND	ND	ND	ND	ND	ND
Total PCB's	0.5	ND	ND	ND	ND	ND	ND
Dioxin	0.00003	ND	ND	ND	ND	ND	ND
1,4-Dioxane (p-Dioxane)	1.0	0.22	0.14	1	0.13	0.18	0.077
Perfluorooctanesulfonic acid	10.0 ¹	3.1	ND	ND	ND	3.3	ND
Perfluorooctanoic acid	10.0 ¹	6.5	ND	ND	3.2	4.6	7.0

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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #2A (ug/L)			WELL #9 (ug/L)			TREATED WELLS 2A & 9 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	1.00	ND	0.62	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	5.0	0.53	ND	0.15	ND	ND	ND	ND	ND	ND
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	6.90	3.50	4.80	3.50	ND	1.35	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities. The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter. Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

ND = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2020 SOURCE TESTING RESULTS**

Supplement to the 2020 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

VOLATILE HALOCARBONS (POC's- Continued)	MCL (ug/L)	WELL #2A (ug/L)			WELL #9 (ug/L)			TREATED WELLS 2A & 9 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	13.60	6.70	9.29	4.70	ND	1.85	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	8.70	4.60	6.07	3.90	ND	1.53	ND	ND	ND
Trichlorofluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities. The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter. Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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**WATER AUTHORITY OF GREAT NECK NORTH
2020 SOURCE TESTING RESULTS**

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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #5 (ug/L)			WELL #6 (ug/L)			TREATED WELL #6 (ug/L)			WELL #7 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	2.70	ND	1.67	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	0.91	ND	0.38	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		1.10	ND	0.37	ND	ND	ND	6.50	ND	2.28	ND	ND	ND
Bromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	0.57	ND	0.10	ND	ND	ND	ND	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		0.58	ND	0.19	ND	ND	ND	1.10	ND	0.44	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities.
The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter.
Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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**WATER AUTHORITY OF GREAT NECK NORTH
2020 SOURCE TESTING RESULTS**

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VOLATILE HALOCARBONS (POC's- Continued)	MCL (ug/L)	WELL #5 (ug/L)			WELL #6 (ug/L)			TREATED WELL #6 (ug/L)			WELL #7 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	80.0	1.70	ND	0.57	0.57	ND	0.10	7.60	ND	2.72	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	1.00	ND	0.59	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities.

The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter.

Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #8 (ug/L)			TREATED WELL #8 (ug/L)			WELL #10A (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	5.00	ND	1.21	ND	ND	ND
Bromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	1.70	ND	0.52	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities.
The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter.
Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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2020 SOURCE TESTING RESULTS**

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VOLATILE HALOCARBONS (POC's- Continued)	MCL (ug/L)	WELL #8 (ug/L)			TREATED WELL #8 (ug/L)			WELL #10A (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	10.0	0.62	ND	0.22	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	14.50	8.50	10.70	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	80.0	ND	ND	ND	6.70	ND	1.73	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities. The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter. Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #11A (ug/L)			WELL #12 (ug/L)			WELL #13 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	ND	ND	ND	0.80	ND	0.34	0.61	ND	0.09
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	0.88	ND	0.45	0.57	ND	0.05	ND	ND	ND
1,1-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	5.0	ND	ND	ND	1.90	0.52	1.00	0.92	ND	0.40
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	ND	ND	ND	13.00	ND	6.44	10.60	ND	2.48
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

The elevated levels of Tetrachloroethene are removed by air stripping at our Water Mill Lane and Weybridge pumping facilities. The volatile organic chemicals are tested quarterly at each well except when a well has not been used during the respective quarter. Volatile organic chemicals will be sampled at least once per year regardless if a well is used or not. Wells #2A, #6, #8, #9, #12, #13 and #14 raw water and treated water are tested for organic chemicals on a monthly basis when in service during the respective month.

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**WATER AUTHORITY OF GREAT NECK NORTH
2020 SOURCE TESTING RESULTS**

Supplement to the 2020 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

VOLATILE HALOCARBONS (POC's- Continued)	MCL (ug/L)	WELL #11A (ug/L)			WELL #12 (ug/L)			WELL #13 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.0	0.62	ND	0.38	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	1.70	0.64	1.10	2.20	ND	1.14	1.90	ND	0.43
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	80.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	ND	ND	ND	3.20	ND	1.80	2.90	ND	0.68
Trichlorofluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

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**WATER AUTHORITY OF GREAT NECK NORTH
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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #14 (ug/L)			TREATED WELLS 12, 13 & 14					
					AIR STRIPPER - A (ug/L)			AIR STRIPPER - B (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	0.87	ND	0.17	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	3.70	ND	0.42	ND	ND	ND
Bromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorodifluoromethane	5.0	1.00	ND	0.13	ND	ND	ND	ND	ND	ND
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform		ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	11.00	ND	4.70	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane		ND	ND	ND	1.90	ND	0.16	ND	ND	ND

NOTES:

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VOLATILE HALOCARBONS (POC's- Continued)	MCL (ug/L)	WELL #14 (ug/L)			TREATED WELLS 12, 13 & 14					
					AIR STRIPPER - A (ug/L)			AIR STRIPPER - B (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-butyl ether	10.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5.0	1.90	ND	0.87	ND	ND	ND	ND	ND	ND
Toluene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Trihalomethanes	80.0	ND	ND	ND	5.70	ND	0.58	ND	ND	ND
trans-1,2-Dichloroethene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5.0	2.70	ND	1.11	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

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CHLORIDES	HIGH	LOW	AVG
WELL # 2A	60.5	43.3	54.7
WELL # 5	108.0	48.2	78.3
WELL # 6	47.8	23.7	35.0
WELL # 7	46.8	8.6	27.7
WELL # 8	74.2	62.7	69.1
WELL # 9	94.5	15.9	61.4
WELL # 10A	37.7	15.8	23.1
WELL # 11A	11.6	6.2	7.9
WELL # 12	72.1	19.8	37.9
WELL # 13	84.3	24.7	68.6
WELL # 14	70.5	5.0	39.7

**WATER AUTHORITY OF GREAT NECK NORTH
2020 SOURCE TESTING RESULTS FOR RADIONUCLIDES**

Supplement to the 2020 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

ANALYSIS CATEGORY	MCL (pCi/L)	WELL #2A (pCi/L)	WELL #5 (pCi/L)	WELL #6 (pCi/L)	WELL #7 (pCi/L)	WELL #8 (pCi/L)	WELL #9 (pCi/L)	WELL #10A (pCi/L)	WELL #11A (pCi/L)	WELL #12 (pCi/L)	WELL #13 (pCi/L)	WELL #14 (pCi/L)
Gross Alpha	15.0	0.891	0.402	1.86	0.028	0.8	0.411	0.893	0.539	1.02	0.134	0.929
Gross Beta	4.0	0.999	1.09	1.68	2.9	1.83	2.99	2.27	0.657	1.65	2.85	1.27
Radium 226	5.0 (Combined Radium 226/228)	0.554	0.585	0.571	0.257	0.112	0.187	0.158	0.0798	0.367	0.521	0.623
Radium 228		0.33	1.23	0.586	1.5	-0.138	0.41	0.942	0.832	0.381	0.369	0.594

NOTES REFLECTING THE NASSAU COUNTY DEPARTMENT OF HEALTH MONITORING REQUIREMENTS REGARDING RADIONUCLIDES:

Gross Alpha particle activity measurement may be substituted for:

- * Radium - 226 if Gross Alpha is less than or equal to 5 pCi/L.
- * Uranium if Gross Alpha is less than or equal to 15 pCi/L.

Gross Alpha Substitution for Determining Monitoring Frequency

1. If the reported Gross Alpha result is less than 3 pCi/L, substitute one half the reported Gross Alpha result for the Ra-226 and /or Uranium value.
2. If the reported Gross Alpha result is greater than or equal to 3 pCi/L, use the reported Gross Alpha result for the Ra-226 and /or Uranium value.
3. If the reported Gross Alpha result is reported as a negative value, use zero (0) reported Gross Alpha result for the Ra-226 and/or Uranium value.

Gross Alpha Substitution for Determining Monitoring Frequency

1. **Gross Alpha** - If the reported Gross Alpha result is less than 3 pCi/L, use zero as a result for the Gross Alpha value.
2. **Ra-226** - If the reported Ra-226 value is less than 1 pCi/L, use zero as a result for the Ra-226 value.
3. **Ra-228** - If the reported Ra-228 value is less than 1 pCi/L, use zero as a result for the Ra-228 value.
4. **Uranium** - If the reported Uranium value is less than 1 ug/L, use zero as a result for the Uranium value.

Nassau County Health Department Monitoring Requirements state that 1 sample per well must be taken every 3 years when the monitoring results are less than or equal to the MCL. The monitoring period for 3 years is 1/1/2017 - 12/31/2019. Quarterly Sampling shall be conducted at each well when the monitoring results are above the MCL. A MCL violation is based on a running annual average of 4 consecutive quarters. A well can revert to a 3-year cycle once 4 consecutive quarters of monitoring are completed and all sample results are below the MCL.

Next 3 year period for Radionuclide Sampling is expected to be 1/1/2020 - 12/31/2022.