

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

PHYSICAL (PHY.1)	MCL (UNITS)	WELL #2A	WELL #5	WELL #6	WELL #7	WELL #8
Turbidity	5	ND	6.1	ND	1.3	OOS
Color	15	ND	12	ND	ND	OOS
Odor	3	ND	ND	ND	ND	OOS
Temperature	Deg. C.		15	14	13.7	OOS

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	OOS
Arsenic	0.010	ND	ND	ND	ND	OOS
Barium	2.0	0.022	0.062	0.047	0.014	OOS
Beryllium	0.004	ND	ND	ND	ND	OOS
Cadmium	0.005	ND	ND	ND	ND	OOS
Calcium	N/A	19	36.5	29.8	24.7	OOS
Chloride	250	54.4	110	36.2	30.2	OOS
Chromium	0.10	ND	ND	ND	ND	OOS
Copper	1.3	0.0042	0.0091	ND	0.017	OOS
Fluoride	2.2	ND	ND	0.14	ND	OOS
Free Cyanide	0.2	ND	ND	ND	ND	OOS
Iron	0.3	ND	0.58	0.088	0.035	OOS
Lead	0.015	ND	ND	ND	ND	OOS
Magnesium	N/A	10.4	16	13.7	11.9	OOS
Manganese	0.3	ND	0.017	0.25	0.016	OOS
MBAS	N/A	ND	ND	ND	ND	OOS
Mercury	0.002	ND	ND	ND	ND	OOS
Nickel	N/A	0.002	ND	0.0013	ND	OOS
Selenium	0.05	ND	ND	ND	ND	OOS
Silver	0.1	ND	ND	ND	ND	OOS
Sodium	See Notes	14.6	24.9	14.9	15.1	OOS
Sulfate	250	22.6	15.9	45.1	28.4	OOS
Thallium	0.002	ND	ND	ND	ND	OOS
Zinc	5.0	ND	ND	ND	ND	OOS
Ammonia	N/A	ND	ND	ND	ND	OOS
Nitrates	10	2.8	0.1	0.81	1	OOS
Nitrites	1	ND	ND	ND	ND	OOS
Perchlorate	See Notes	4	ND	ND	ND	OOS

CORROSIVITY (COR.1)

Calcium Hardness	47.4	91.1	74.4	61.7	OOS	
Langelier Index		-1.92	-1.86	-2.02	OOS	
PH		6.6	6.8	6.8	OOS	
Total Alkalinity		47.6	53.1	82.5	84.8	OOS
Dissolved Solids		153	376	224	187	OOS
Total Hardness		90.3	157	131	111	OOS

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.

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

PHYSICAL (PHY.1)	MCL (UNITS)	WELL #9	WELL #10A	WELL #11A	WELL #12	WELL #13	WELL #14
Turbidity	5	ND	ND	ND	ND	ND	ND
Color	15	ND	ND	ND	ND	ND	ND
Odor	3	ND	ND	ND	ND	ND	ND
Temperature	Deg. C.		17	17	14.5	17	14
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	0.032	0.019	0.019	0.0047	0.013	0.018
Beryllium	0.004	ND	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND	ND
Calcium	N/A	28.1	17.5	15.2	9.9	29.6	23.7
Chloride	250	102	25.7	9.8	57.6	116	58.4
Chromium	0.10	ND	ND	ND	ND	ND	ND
Copper	1.3	0.0043	0.0035	ND	0.004	0.011	0.0026
Fluoride	2.2	ND	ND	ND	ND	ND	ND
Free Cyanide	0.2	ND	ND	ND	ND	ND	ND
Iron	0.3	ND	ND	ND	ND	ND	ND
Lead	0.015	ND	ND	ND	ND	ND	ND
Magnesium	N/A	12.8	9.7	7.6	6.7	17.9	14.2
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	ND	ND	ND	ND	ND	0.00072
Selenium	0.05	ND	ND	ND	ND	ND	ND
Silver	0.1	ND	ND	ND	ND	ND	ND
Sodium	See Notes	29	11	5.7	10.9	26.4	20.1
Sulfate	250	30.2	22.1	18.3	8.2	26.7	28
Thallium	0.002	ND	ND	ND	ND	ND	ND
Zinc	5.0	ND	0.25	ND	ND	ND	0.024
Ammonia	N/A	ND	ND	ND	ND	ND	ND
Nitrates	10	1.8	1.7	1.1	2.3	2.8	2.2
Nitrites	1	ND	ND	ND	ND	ND	ND
Perchlorate	See Notes	1.2	0.9	0.84	7.2	1.71	11.1
CORROSIVITY (COR.1)							
Calcium Hardness		70.2	43.7	38	24.7	7.9	59.2
Langelier Index			-1.83	-1.83	-2.78	-1.46	-1.31
PH		6.5	6.8	6.9	6.2	6.8	7
Total Alkalinity		66	62.1	55	28.4	71.8	64.8
Disssolved Solids		262	150	95	126	307	231
Total Hardness		123	83.6	69.2	52.3	148	118

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.

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	OOS
Aldicarb	3.0	ND	ND	ND	ND	OOS
Aldicarb Sulfoxide	4.0	ND	ND	ND	ND	OOS
Aldicarb Sulfone	2.0	ND	ND	ND	ND	OOS
Atrazine	3.0	ND	ND	ND	ND	OOS
Carbofuran	40.0	ND	ND	ND	ND	OOS
Chlordane	2.0	ND	ND	ND	ND	OOS
DBCP or 1,2-Dibromo-3-chloropropane	0.2	ND	ND	ND	ND	OOS
2,4-D	50.0	ND	ND	ND	ND	OOS
Endrin	2.0	ND	ND	ND	ND	OOS
1,2- Dibromoethane	0.05	ND	ND	ND	ND	OOS
Heptachlor	0.4	ND	ND	ND	ND	OOS
Heptachlor Expoxide	0.2	ND	ND	ND	ND	OOS
Lindane	0.2	ND	ND	ND	ND	OOS
Methoxychlor	40.0	ND	ND	ND	ND	OOS
Pentachlorophenol	1.0	ND	ND	ND	ND	OOS
Toxaphene	3.0	ND	ND	ND	ND	OOS
2,4,5-TP (Silvex)	10.0	ND	ND	ND	ND	OOS
3-Hydroxycarbofuran	50.0	ND	ND	ND	ND	OOS
Aldrin	5.0	ND	ND	ND	ND	OOS
Benzo (a) pyrene	0.2	ND	ND	ND	ND	OOS
Bis-(2-ethylhexyl) adipate	50.0	ND	ND	ND	ND	OOS
Bis-(2-ethylhexyl) phthalates	6.0	ND	ND	ND	ND	OOS
Butachlor	50.0	ND	ND	ND	ND	OOS
Carbaryl	50.0	ND	ND	ND	ND	OOS
Dalapon	50.0	ND	ND	ND	ND	OOS
Dicamba	50.0	ND	ND	ND	ND	OOS
Dieldrin	5.0	ND	ND	ND	ND	OOS
Dinoseb	7.0	ND	ND	ND	ND	OOS
Diquat	20.0	ND	ND	ND	ND	OOS
Endothall	50.0	ND	ND	ND	ND	OOS
Glyphosate	50.0	ND	ND	ND	ND	OOS
Hexachlorobenzene	1.0	ND	ND	ND	ND	OOS
Hexachlorocyclopentadiene	5.0	ND	ND	ND	ND	OOS
Methomyl	50.0	ND	ND	ND	ND	OOS
Metolachlor	50.0	ND	ND	ND	ND	OOS
Metribuzin	50.0	ND	ND	ND	ND	OOS
Oxamyl	50.0	ND	ND	ND	ND	OOS
Pichloram	50.0	ND	ND	ND	ND	OOS
Propachlor	50.0	ND	ND	ND	ND	OOS
Simazine	4.0	ND	ND	ND	ND	OOS
Total PCB's	0.5	ND	ND	ND	ND	OOS
Dioxin	0.00003	ND	ND	ND	ND	OOS
1,4-Dioxane (p-Dioxane)	1.0	0.5	ND	1.4	ND	OOS
Perfluorooctanesulfonic acid (PFOS)	10.0 ¹	2.9	ND	ND	ND	OOS
Perfluorooctanoic acid (PFOA)	10.0 ¹	6.2	ND	ND	ND	OOS

NOTE:

ND = NON-DETECT

¹ Units in ng/L or parts per trillion

Well 8 out of service mechanical failure

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	0.014	ND	ND	ND
Heptachlor	0.4	ND	ND	ND	ND	ND	ND
Heptachlor Expoxide	0.2	0.014	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
DCPA (Dactal)	50.0	ND	ND	ND	2.7	5.6	5.9
Dicamba	50.0	ND	ND	ND	ND	ND	ND
Dieldrin	5.0	ND	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	0.23	0.1	0.9	0.17	0.17	ND
Perfluorooctanesulfonic acid (PFOS)	10.0 ¹	5.20	ND	ND	0.49	3.3	ND
Perfluorooctanoic acid (PFOA)	10.0 ¹	14	ND	ND	3.6	7.9	4.6

NOTE:

ND = NON-DETECT

¹ Units in ng/L or parts per trillion

**WATER AUTHORITY OF GREAT NECK NORTH
2023**

SOURCE TESTING RESULTS

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	0.34	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	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	8.30	2.20	6.00	4.50	ND	1.33	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
2022 SOURCE TESTING RESULTS**

Supplement to the 2023 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	13.00	1.60	7.50	4.60	ND	1.37	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	9.70	5.80	7.47	3.60	ND	1.15	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.

ND = NON-DETECT

WATER AUTHORITY OF GREAT NECK NORTH
2023
SOURCE TESTING RESULTS

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	2.50	1.60	2.14	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	0.66	ND	0.48	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		ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	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		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.
Well 6 out of service for treatment upgrades
ND = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 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 #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	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	1.10	0.72	0.89	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.
 Well 6 out of service for treatment upgrades
 ND = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2023**

SOURCE TESTING RESULTS

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	TREATED								
		WELL #8 (ug/L)			WELL #8 (ug/L)			WELL #10A (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1,1-Trichloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1,2,2-Tetrachloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1,2-Trichloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1,2-Trichlorotrifluoroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1-Dichloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1-Dichloroethene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,1-Dichloropropene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2,3-Trichlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2,3-Trichloropropane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2,4-Trichlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2,4-Trimethylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2-Dichlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2-Dichloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,2-Dichloropropane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,3,5-Trimethylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,3-Dichlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,3-Dichloropropane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
1,4-Dichlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
2,2-Dichloropropane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
2-Chlorotoluene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
4-Chlorotoluene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Benzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Bromobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Bromochloromethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Bromodichloromethane		OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Bromoform		OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Bromomethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Carbon tetrachloride	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Chlorobenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Chlorodifluoromethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Chloroethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Chloroform		OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Chloromethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
cis-1,2-Dichloroethene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
cis-1,3-Dichloropropene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Dibromochloromethane		OOS	OOS	OOS	OOS	OOS	OOS	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
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 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 #8 (ug/L)			TREATED WELL #8 (ug/L)			WELL #10A (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dibromomethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Dichlorodifluoromethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Ethylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Hexachloro-1,3-butadiene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Isopropylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
m&p-Xylene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Methylene chloride	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Methyl-tert-butyl ether	10.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
n-Butylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
n-Propylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
o-Xylene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
p-Isopropyltoluene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
sec-Butylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Styrene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
tert-Butylbenzene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Tetrachloroethene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Toluene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Total Trihalomethanes	80.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
trans-1,2-Dichloroethene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
trans-1,3-Dichloropropene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Trichloroethene	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Trichlorofluoromethane	5.0	OOS	OOS	OOS	OOS	OOS	OOS	ND	ND	ND
Vinyl chloride	2.0	OOS	OOS	OOS	OOS	OOS	OOS	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

2023

SOURCE TESTING RESULTS

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	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	0.71	ND	0.42	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	ND	ND	ND	0.63	ND	0.10	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	5.50	ND	1.67	6.90	ND	2.09
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
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 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	0.55	ND	0.05	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	1.30	0.73	1.12	1.10	ND	0.56	1.40	ND	0.44
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	1.60	ND	0.43	1.80	ND	0.59
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.

ND = NON-DETECT

WATER AUTHORITY OF GREAT NECK NORTH

2023

SOURCE TESTING RESULTS

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

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	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	1.10	ND	0.18	3.40	ND	0.87
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	6.80	ND	3.06	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	0.64	ND	0.05	0.83	ND	0.24

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
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 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 #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	1.40	ND	0.54	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	1.74	ND	0.24	4.04	ND	1.10
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	1.60	ND	0.66	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.

ND = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

CHLORIDES	HIGH	LOW	AVG
WELL # 2A	54.4	25.1	41.1
WELL # 5	110.0	66.6	97.8
WELL # 6	36.2	33.1	34.8
WELL # 7	30.2	9.5	23.0
WELL # 8	OOS	OOS	OOS
WELL # 9	102.0	68.6	78.0
WELL # 10A	25.7	16.7	22.3
WELL # 11A	9.8	9.0	9.4
WELL # 12	57.6	21.5	32.8
WELL # 13	116.0	66.9	91.6
WELL # 14	58.4	6.6	34.2

**WATER AUTHORITY OF GREAT NECK NORTH
2023 SOURCE TESTING RESULTS FOR RADIONUCLIDES**

Supplement to the 2023 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code.
Samples were taken during the 1/1/2020 - 12/31/2022 sampling period.

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	0.541	1.08	-0.383	-0.457	-0.014	1.29	0.316	0.027	0.113	1.410	0.467
Gross Beta	4.0	0.976	1.61	2.23	0.297	1.85	1.35	2.02	0.762	1.190	2.250	1.000
Radium 226	5.0 (Combined Radium 226/228)	0.265	0.285	0.82	0.229	0.552	0.153	0.209	0.481	0.142	0.0701	0.445
Radium 228		0.627	0.63	0.557	0.0228	0.454	1.12	1.46	1.150	1.400	0.744	0.666

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.

**WATER AUTHORITY OF GREAT NECK NORTH
2023 DISTRIBUTION SYSTEM TESTING RESULTS**

Supplement to the 2023 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)		
Turbidity	* 5	1.7	ND	0.425	4 SA	1,1,1,2-Tetrachloroethane	5	ND	ND	ND	4 SA	n-Butylbenzene	5	ND	ND	ND	4 SA
Color	* 5	6	ND	1.5	4 SA	1,1,1-Trichloroethane	5	ND	ND	ND	4 SA	n-Propylbenzene	5	ND	ND	ND	4 SA
Odor	* 1	1	ND	0.5	4 SA	1,1,2,2-Tetrachloroethane	5	ND	ND	ND	4 SA	o-Xylene	5	ND	ND	ND	4 SA
Temperature (°C)					4 SA	1,1,2-Trichloroethane	5	ND	ND	ND	4 SA	p-Isopropyltoluene	5	ND	ND	ND	4 SA
* Standard and Results are Measured in UNITS						1,1,2-Trichlorotrifluoroethane	5	ND	ND	ND	4 SA	sec-Butylbenzene	5	ND	ND	ND	4 SA
CORROSIVITY (COR. 1)						1,1-Dichloroethane	5	ND	ND	ND	4 SA	Styrene	5	ND	ND	ND	4 SA
	MCL	MAX	MIN	AVG	No. FQ.	1,1-Dichloropropene	5	ND	ND	ND	4 SA	tert-Butylbenzene	5	ND	ND	ND	4 SA
		(mg/L)	(mg/L)	(mg/L)		1,2,3-Trichlorobenzene	5	ND	ND	ND	4 SA	Tetrachloroethene	5	ND	ND	ND	4 SA
Calcium Hardness		75.4	55.4	64.05	4 SA	1,2,3-Trichloropropane	5	ND	ND	ND	4 SA	Toluene	5	ND	ND	ND	4 SA
Langelier Index		-2.66	-0.36	-1.15666667	4 SA	1,2,4-Trichlorobenzene	5	ND	ND	ND	4 SA	trans-1,2-Dichloroethene	5	ND	ND	ND	4 SA
pH		7.9	5.9	7.3	4 SA	1,2,4-Trimethylbenzene	5	ND	ND	ND	4 SA	trans-1,3-Dichloropropene	5	ND	ND	ND	4 SA
Total Alkalinity		70.2	61.2	64.7	4 SA	1,2-Dichlorobenzene	5	ND	ND	ND	4 SA	Trichloroethene	5	ND	ND	ND	4 SA
Total Dissolved Solids		252	200	226	4 SA	1,2-Dichloroethane	5	ND	ND	ND	4 SA	Trichlorofluoromethane	5	ND	ND	ND	4 SA
Total Hardness		134	109	117.75	4 SA	1,2-Dichloropropane	5	ND	ND	ND	4 SA	Vinyl chloride	2	ND	ND	ND	4 SA
DISINFECTION BY-PRODUCTS						1,3,5-Trimethylbenzene	5	ND	ND	ND	4 SA	INORGANIC (IOC.1,2)					
	MCL	MAX	MIN	AVG	No. FQ.	1,3-Dichlorobenzene	5	ND	ND	ND	4 SA		MCL	MAX	MIN	AVG	No. FQ.
	(ug/L)	(ug/L)	(ug/L)	(ug/L)		1,3-Dichloropropane	5	ND	ND	ND	4 SA	(mg/L)	(mg/L)	(mg/L)	(mg/L)		
Total Trihalomethane		ND	ND	ND	2 A	1,4-Dichlorobenzene	5	ND	ND	ND	4 SA	Antimony	0.006	ND	ND	ND	4 A
Five Haloacetic Acid		ND	ND	ND	2 A	2,2-Dichloropropane	5	ND	ND	ND	4 SA	Arsenic	0.01	ND	ND	ND	4 A
MICROBIOLOGICAL (MIC.)						2-Chlorotoluene	5	ND	ND	ND	4 SA	Barium	2	0.028	0.016	0.023	4 A
MCL = Non Detect						4-Chlorotoluene	5	ND	ND	ND	4 SA	Beryllium	0.004	ND	ND	ND	4 A
In 2023, 384 samples were tested, There were no positive Total Coliform samples.						Benzene	5	ND	ND	ND	4 SA	Cadmium	0.005	ND	ND	ND	4 A
NOTES:						Bromobenzene	5	ND	ND	ND	4 SA	Calcium	N/A	30.2	22.2	25.65	4 A
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.						Bromochloromethane	5	ND	ND	ND	4 SA	Chloride	250	69.2	42.1	56.325	4 A
Perchlorate: The primary Action Level is 18 ppb. The Secondary Action Level is 5ppb.						Bromodichloromethane		0.77	ND	0.154	5 SA	Chromium	0.1	ND	ND	ND	4 A
						Bromoform		2.7	ND	0.54	5 SA	Copper	1.3	0.057	0.003	0.0183	4 A
						Bromomethane	5	ND	ND	ND	4 SA	Fluoride	2.2	ND	ND	ND	4 A
						Carbon tetrachloride	5	ND	ND	ND	4 SA	Free Cyanide	0.2	ND	ND	ND	4 A
						Chlorobenzene	5	ND	ND	ND	4 SA	Iron	0.3	ND	ND	ND	4 A
						Chlorodifluoromethane	5	ND	ND	ND	4 SA	Lead	0.015	ND	ND	ND	4 A
						Chloroethane	5	ND	ND	ND	4 SA	Magnesium	N/A	14.2	11.7	13.025	4 A
						Chloroform		ND	ND	ND	6 SA	Manganese	0.3	ND	ND	ND	4 A
						Chloromethane	5	ND	ND	ND	4 SA	MBAS	N/A	ND	ND	ND	4 A
						cis-1,2-Dichloroethene	5	ND	ND	ND	4 SA	Mercury	0.002	ND	ND	ND	4 A
						cis-1,3-Dichloropropene	5	ND	ND	ND	4 SA	Nickel	N/A	0.00130	ND	0.00033	4 A
						Dibromochloromethane		2.2	ND	0.44	5 SA	Selenium	0.05	ND	ND	ND	4 A
						Dibromomethane	5	ND	ND	ND	4 SA	Silver	0.1	ND	ND	ND	4 A
						Dichlorodifluoromethane	5	ND	ND	ND	4 SA	Sodium	See Notes	32.0	20.8	25.575	4 A
						Ethylbenzene	5	ND	ND	ND	4 SA	Sulfate	250	29.6	25.0	27.133	4 A
						Hexachloro-1,3-butadiene	5	ND	ND	ND	4 SA	Thallium	0.002	ND	ND	ND	4 A
						Isopropylbenzene	5	ND	ND	ND	4 SA	Zinc	5	ND	ND	ND	4 A
						m&p-Xylene	5	ND	ND	ND	4 SA	Ammonia	N/A	ND	ND	ND	4 A
						Methylene chloride	5	ND	ND	ND	4 SA	Nitrates	10	2.3	1.9	2.1	4 SA
						Methyl-tert-butyl ether	10	ND	ND	ND	4 SA	Nitrites	1	ND	ND	ND	4 SA
												Perchlorate	See Notes	ND	ND	ND	4 A