

WATER AUTHORITY OF GREAT NECK NORTH
2015 DISTRIBUTION SYSTEM TESTING RESULTS

PHYSICAL (PHY. 1)		MCL MAX MIN MEAN No. FQ.						PRINCIPAL ORGANIC COMPOUNDS (POC's)						PRINCIPAL ORGANIC COMPOUNDS (POC'S)					
MCL	MAX	MIN	MEAN	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.		
Turbidity	* 5	<1.0	<1.0	<1.0	4	SA	5	<0.5	<0.5	<0.5	4	SA	n-Butylbenzene	5	<0.5	<0.5	4	SA	
Color	* 15	<5	<5	<5	4	SA	5	<0.5	<0.5	<0.5	4	SA	n-Propylbenzene	5	<0.5	<0.5	4	SA	
Odor	* 3	0	0	0	4	SA	5	<0.5	<0.5	<0.5	4	SA	o-Xylene	5	<0.5	<0.5	4	SA	
Temperature °C	-	19	13	16	4	SA	5	<0.5	<0.5	<0.5	4	SA	sec-Butylbenzene	5	<0.5	<0.5	4	SA	
* Standard and Results are Measured in UNITS																			
CORROSIVITY (COR. 1)		MCL MAX MIN MEAN						PRINCIPAL ORGANIC COMPOUNDS (POC'S)						PRINCIPAL ORGANIC COMPOUNDS (POC'S)					
MCL	MAX	MIN	MEAN	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.		
Calcium Hardness	N/A	79	55	65	4	SA	5	<0.5	<0.5	<0.5	4	SA	Total Trihalomethanes	80	5.2	<0.5	10	SA	
Langelier Index	N/A	-1.0	-0.7	-0.8	4	SA	5	<0.5	<0.5	<0.5	4	SA	trans- 1,2- Dichloroethene	5	<0.5	<0.5	4	SA	
PH	N/A	7.6	7.3	7.5	4	SA	5	<0.5	<0.5	<0.5	4	SA	trans- 1,3- Dichloropropene	5	<0.5	<0.5	4	SA	
Total Alkalinity	N/A	73	58	64	4	SA	5	<0.5	<0.5	<0.5	4	SA	Trichloroethene	5	<0.5	<0.5	4	SA	
Total Dissolved Solids	N/A	227	110	173	4	SA	5	<0.5	<0.5	<0.5	4	SA	Trichlorofluoromethane	5	<0.5	<0.5	4	SA	
Total Hardness	N/A	135	103	117	4	SA	5	<0.5	<0.5	<0.5	4	SA	Vinyl Chloride	2	<0.5	<0.5	4	SA	
INORGANIC (IOC:1,2)																			
DISINFECTION BY-PRODUCTS		MCL MAX MIN MEAN						PRINCIPAL ORGANIC COMPOUNDS (POC'S)						PRINCIPAL ORGANIC COMPOUNDS (POC'S)					
MCL	MAX	MIN	MEAN	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.	MCL (ug/L)	MAX (ug/L)	MIN (ug/L)	MEAN (ug/L)	No.	FQ.		
Total Trihalomethane	80	5.2	<0.5	<2.0	10	SA	5	<0.5	<0.5	<0.5	4	SA	Antimony	0.006	<0.004	<0.004	4	SA	
Five Haloacetic Acid	60	<2.0	<2.0	<2.0	6	SA	5	<0.5	<0.5	<0.5	4	SA	Arsenic	0.01	<0.0014	<0.0014	4	SA	
MICROBIOLOGICAL (MIC. 1) Microbiological samples are collected from representative residential taps throughout the peninsula on a weekly basis. In 2015, 384 samples were tested with no violations.																			
** SODIUM As per the NYS Sanitary Code: Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted sodium diets.																			
SYMBOLS USED IN THIS REPORT																			
N/A -Not Applicable																			
MCL -Maximum Allowable Contaminant Level																			
FQ. -Frequency																			
mg/L -Milligrams per Liter (parts per million)																			
ug/L -Micrograms per Liter (parts per billion)																			
< -Less Than																			
A -Annual																			
SA -Semi Annual																			
The < symbol represents the lowest attainable limit.																			
No. -Number of sample tested																			

**WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS**

Supplement to the 2015 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	5.0	N.D.	12	N.D.	N.D.	N.D.
Color	15.0	N.D.	25	N.D.	N.D.	N.D.
Odor	3.0	0	0	0	0	0
Temperature	Deg. C.	15.0	14.0	15.0	15.0	14.0
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	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic	0.01	N.D.	N.D.	N.D.	N.D.	N.D.
Barium	2.0	0.027	0.067	0.050	0.015	0.051
Beryllium	0.004	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium	0.005	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium	0.10	N.D.	N.D.	N.D.	N.D.	N.D.
Free Cyanide	0.20	N.D.	N.D.	N.D.	N.D.	N.D.
Fluoride	2.20	N.D.	0.29	N.D.	N.D.	N.D.
Lead	0.015	N.D.	0.0014	N.D.	N.D.	N.D.
Mercury	2.0	N.D.	0.59	N.D.	N.D.	N.D.
Nickel	0.10	N.D.	N.D.	0.0014	N.D.	N.D.
Selenium	0.05	N.D.	N.D.	N.D.	N.D.	N.D.
Silver	0.10	N.D.	N.D.	N.D.	N.D.	N.D.
Thallium	0.002	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonia	N/A	N.D.	N.D.	N.D.	N.D.	N.D.
Copper	1.30	N.D.	N.D.	N.D.	N.D.	0.063
MBAS	N/A	N.D.	N.D.	N.D.	N.D.	N.D.
Chloride	250	45.4	99.8	38.2	28.6	60.9
Calcium	N/A	23.0	41.0	30.0	27.0	32.0
Iron	0.3	N.D.	1.100	N.D.	N.D.	N.D.
Magnesium	N/A	11.0	18.0	13.0	12.0	19.0
Manganese	0.3	N.D.	0.024	0.210	0.019	N.D.
Nitrates	10.0	3.29	0.1	1.1	1.7	3.7
Nitrites	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium	N/A	19.0	27.0	13.0	16.0	18.0
Sulfate	250.0	22.3	13.2	39.7	27.6	42.3
Zinc	5.0	N.D.	N.D.	0.028	N.D.	N.D.
Perchlorate	See notes	6.6	N.D.	N.D.	N.D.	N.D.
CORROSIVITY (COR.1)						
Calcium Hardness		58.4	103.0	74.9	67.3	78.9
Langelier Index		-2.0	-1.5	-1.6	-0.7	-1.8
PH		6.4	6.8	6.6	7.4	6.5
Total Alkalinity		49.1	47.1	65.9	84.3	53.8
Dissolved Solids		212.0	402.0	162.0	172.0	285.0
Total Hardness		104.0	176.0	127.0	116.0	155.0

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.

N.D. = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS**

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PHYSICAL (PHY.1)	MCL (UNITS)	WELL #9	WELL #10A	WELL #11	WELL #12	WELL #13	WELL #14
Turbidity	5.0	6.4	N.D.	1.9	12	N.D.	N.D.
Color	15.0	10	N.D.	N.D.	N.D.	N.D.	N.D.
Odor	3.0	0	0	0	0	0	0
Temperature	Deg. C.	14.0	16.0	15.0	14.0	14.0	17.0
INORGANIC (IOC. 1,2,3)	MCL (mg/L)	WELL #9 (mg/L)	WELL #10A (mg/L)	WELL #11 (mg/L)	WELL #12 (mg/L)	WELL #13 (mg/L)	WELL #14 (mg/L)
Antimony	0.006	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic	0.05	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Barium	2.0	0.040	0.020	0.021	0.011	0.0081	0.013
Beryllium	0.004	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium	0.005	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Free Cyanide	0.20	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Fluoride	2.20	0.12	N.D.	N.D.	N.D.	0.17	N.D.
Lead	0.015	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium	0.05	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Silver	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Thallium	0.002	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ammonia	N/A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Copper	1.3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MBAS	N/A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloride	250	41.3	25.4	10.1	34.0	50.0	41.9
Calcium	N/A	29	17	16	19	26	25
Iron	0.3	0.13	N.D.	0.076	N.D.	N.D.	N.D.
Magnesium	N/A	14.0	9.4	7.6	12.0	14.0	12.0
Manganese	0.3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Nitrates	10.0	2.68	2.34	2.01	2.63	3.48	1.96
Nitrites	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sodium	N/A	25.0	12.0	6.3	12.0	14.0	16.0
Sulfate	250.0	24.3	22.5	14.8	19.7	19.9	30.3
Zinc	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Perchlorate	See notes	N.D.	N.D.	N.D.	1.1	2.7	N.D.
CORROSIVITY (COR.1)							
Calcium Hardness		71.2	43.5	40.5	48.0	66.0	61.5
Langelier Index		-1.7	-2.3	-2.1	-2.5	-2.2	-2.1
PH		6.5	6.2	6.5	6.0	6.1	6.3
Total Alkalinity		63.4	51.4	49.7	49.3	57.5	53.2
Dissolved Solids		243.0	151.0	110.0	185.0	208.0	197.0
Total Hardness		130.0	82.2	71.7	96.9	125.0	110.0

NOTES:

Sodium:

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Perchlorate:

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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	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb	3.0	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb Sulfoxide	4.0	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb Sulfone	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
Atrazine	3.0	N.D.	N.D.	N.D.	N.D.	N.D.
Carbofuran	40.0	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodane	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
DBCP or 1,2-Dibromo-3-chloropropane	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
2,4-D	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Endrin	2.0	N.D.	N.D.	N.D.	N.D.	N.D.
1,2- Dibromoethane	0.05	N.D.	N.D.	N.D.	N.D.	N.D.
Heptachlor	0.4	N.D.	N.D.	N.D.	N.D.	N.D.
Heptachlor Expoxide	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Lindane	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Methoxychlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Pentachlorophenol	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Toxaphene	3.0	N.D.	N.D.	N.D.	N.D.	N.D.
2,4,5-TP (Silvex)	10.0	N.D.	N.D.	N.D.	N.D.	N.D.
Aldrin	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Benzo (a) pyrene	0.2	N.D.	N.D.	N.D.	N.D.	N.D.
Butachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Carbaryl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Dalapon	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) adipate	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) phthalates	6.0	N.D.	N.D.	N.D.	N.D.	N.D.
Dicamba	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Dieldrin	5.0	N.D.	N.D.	N.D.	N.D.	N.D.
Dinoseb	7.0	N.D.	N.D.	N.D.	N.D.	N.D.
Glyphosate	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobenzene	1.0	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorocyclopentadiene	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
3-Hydroxycarbofuran	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Methomyl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Metolachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Metribuzin	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Oxamyl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Pichloram	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Propachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Simazine	4.0	N.D.	N.D.	N.D.	N.D.	N.D.
Total PCB's	0.5	N.D.	N.D.	N.D.	N.D.	N.D.
Endothol	50.0	N.D.	N.D.	N.D.	N.D.	N.D.
Diquat	20.0	N.D.	N.D.	N.D.	N.D.	N.D.
Dioxin	0.00000003	N.D.	N.D.	N.D.	N.D.	N.D.

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PESTICIDES AND HERBICIDES (SOC. 1,2)	MCL (ug/L)	WELL #9 (ug/L)	WELL #10A (ug/L)	WELL #11 (ug/L)	WELL #12 (ug/L)	WELL #13 (ug/L)	WELL #14 (ug/L)
Alachlor	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb	3.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb Sulfoxide	4.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Aldicarb Sulfone	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Atrazine	3.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbofuran	40.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodane	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
DBCP or 1,2-Dibromo-3-chloropropane	0.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,4-D	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Endrin	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2- Dibromoethane	0.05	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Heptachlor	0.4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Heptachlor Expoxide	0.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Lindane	0.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methoxychlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Pentachlorophenol	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toxaphene	3.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,4,5-TP (Silvex)	10.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Aldrin	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzo (a) pyrene	0.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Butachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbaryl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dalapon	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) adipate	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) phthalates	6.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dicamba	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dieldrin	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dinoseb	7.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Glyphosate	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobenzene	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorocyclopentadiene	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3-Hydroxycarbofuran	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methomyl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Metolachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Metribuzin	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Oxamyl	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Pichloram	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Propachlor	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Simazine	4.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total PCB's	0.5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Endothol	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Diquat	20.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dioxin	0.00000003	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTE:

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**WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS**

Supplement to the 2015 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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,1-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3,5-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2/4-Chlorotoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4-Isopropyltoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromochloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromodichloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromoform		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.3	N.D.	N.D.
Bromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbon tetrachloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroform		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,2-Dichloroethene	5.0	3.6	N.D.	2.3	1.1	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromochloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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- 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
		Dichlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Freon-113	5.0	0.5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
m,p-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methyl tert-butyl ether	10.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methylene chloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
n-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
o-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
sec-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Styrene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
tert-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrachloroethene	5.0	8	1.4	5.8	2.7	N.D.	0.8	N.D.	N.D.	N.D.
Toluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Trihalomethanes	80.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichloroethene	5.0	3.3	5.2	4.4	1.3	N.D.	N.D.	N.D.	N.D.	N.D.
Trichlorofluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Vinyl chloride	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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 #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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,1-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethane	5.0	N.D.	N.D.	N.D.	3.5	0.9	2.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethene	5.0	N.D.	N.D.	N.D.	0.9	N.D.	0.5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3,5-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2/4-Chlorotoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4-Isopropyltoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromochloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromodichloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromoform		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1.6	N.D.	N.D.	0.6	N.D.	N.D.
Bromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbon tetrachloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroform		N.D.	N.D.	N.D.	0.9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromochloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.6	N.D.	N.D.
Dibromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTES:

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		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dichlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Freon-113	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
m,p-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methyl tert-butyl ether	10.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methylene chloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
n-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
o-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
sec-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Styrene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
tert-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrachloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Trihalomethanes	80.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichloroethene	5.0	N.D.	N.D.	N.D.	1.3	N.D.	0.9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichlorofluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Vinyl chloride	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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.

N.D. = NON-DETECT

**WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS**

Supplement to the 2015 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 #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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,1-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3,5-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2/4-Chlorotoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4-Isopropyltoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromochloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromodichloromethane		0.6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromoform		1.4	N.D.	N.D.	2.4	N.D.	0.5	N.D.	N.D.	N.D.
Bromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbon tetrachloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroform		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromochloromethane		1.0	N.D.	N.D.	0.6	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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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2015 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
		Dichlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Freon-113	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
m,p-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methyl tert-butyl ether	10.0	0.6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methylene chloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
n-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
o-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
sec-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Styrene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
tert-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrachloroethene	5.0	20.4	0.9	13.5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Trihalomethanes	80.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichlorofluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Vinyl chloride	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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
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VOLATILE HALOCARBONS (POC's)	MCL (ug/L)	WELL #11 (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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,1-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethene	5.0	0.9	N.D.	N.D.	0.6	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3,5-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2/4-Chlorotoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4-Isopropyltoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromochloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromodichloromethane		1.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromoform		4.8	N.D.	1.2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbon tetrachloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodifluoromethane	5.0	N.D.	N.D.	N.D.	1.8	N.D.	0.6	1.2	N.D.	0.7
Chloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroform		0.7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	5.4	N.D.	3.3	1.9	N.D.	N.D.
cis-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromochloromethane		2.7	N.D.	0.7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTES:
 The elevated levels of cis-1,2-Dichloroethene and Trichloroethene are removed by Granulated Activated Carbon Filtration at our Community Drive pumping facilities. Air Strippers were installed in 2013 at Community Drive to treat for volatile organics.
 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-Continued)	MCL (ug/L)	WELL #11 (ug/L)			WELL #12 (ug/L)			WELL #13 (ug/L)		
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
Dichlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Freon-113	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
m,p-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methyl tert-butyl ether	10.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methylene chloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
n-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
o-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
sec-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Styrene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
tert-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrachloroethene	5.0	0.9	N.D.	0.5	1.1	N.D.	0.7	N.D.	N.D.	N.D.
Toluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Trihalomethanes	80.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichloroethene	5.0	N.D.	N.D.	N.D.	1.9	0.8	1.4	0.9	N.D.	0.6
Trichlorofluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Vinyl chloride	2.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTES:

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**WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS**

Supplement to the 2015 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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,1-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1,2-Trichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,1-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,3-Trichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2,4-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3,5-Trimethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,3-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1,4-Dichlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2,2-Dichloropropane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2/4-Chlorotoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4-Isopropyltoluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Benzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromochloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromodichloromethane		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Bromoform		N.D.	N.D.	N.D.	1.5	N.D.	N.D.	0.6	N.D.	N.D.
Bromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Carbon tetrachloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorobenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloroform		N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chloromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,2-Dichloroethene	5.0	3.0	N.D.	1.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
cis-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibromochloromethane		N.D.	N.D.	N.D.	3.0	N.D.	N.D.	0.5	N.D.	N.D.
Dibromomethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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
Dichlorodifluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Freon-113	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Isopropylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
m,p-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methyl tert-butyl ether	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Methylene chloride	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
n-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
o-Xylene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
sec-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Styrene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
tert-Butylbenzene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Tetrachloroethene	5.0	0.7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Total Trihalomethanes	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,2-Dichloroethene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
trans-1,3-Dichloropropene	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichloroethene	5.0	1.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Trichlorofluoromethane	5.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Vinyl chloride	50.0	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTES:

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CHLORIDES	HIGH	LOW	AVG
WELL # 2A	48	37	41
WELL # 5	127	79	102
WELL # 6	48	28	35
WELL # 7	42	27	33
WELL # 8	73	58	65
WELL # 9	74	55	62
WELL #10A	25	13	18
WELL # 11	53	6	19
WELL # 12	39	16	30
WELL # 13	70	50	63
WELL # 14	61	7	39

WATER AUTHORITY OF GREAT NECK NORTH
2015 SOURCE TESTING RESULTS FOR RADIONUCLIDES

Supplement to the 2015 Annual Statement 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 #11 (pCi/L)	WELL #12 (pCi/L)	WELL #13 (pCi/L)	WELL #14 (pCi/L)	WELL #14 (pCi/L)
DATE OF SAMPLES		7/9/2014	7/9/2014	7/9/2014	7/9/2014	7/9/2014	7/9/2014	7/18/2014	7/9/2014	7/9/2014	7/9/2014	1/29/2014	7/9/2014
Gross Alpha	15.0	0.748	-0.154	0.892	-0.521	0.961	1.09	0.837	0.635	-0.352	0.834	1.03	-0.098
Radium 226	5.0	0.373	0.591	0.494	0.0808	0.201	0.224	0.451	-0.089	0.106	0.269	0.434	0.0564
Radium 228	(Combined Radium 226/228)	0.67	0.961	0.41	0.275	0.289	0.897	0.905	0.35	0.463	0.365	0.373	0.369

NOTES REFLECTING THE MASSACHUSETTS 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 1/1/2014 - 12/31/2016. 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 round of Radionuclide Sampling will be conducted in the Summer of 2017.