WATER AUTHORITY OF GREAT NECK NORTH 2019 DISTRIBUTION SYSTEM TESTING RESULTS

Supplement to the 2019 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

PHYSICAL						VOLATILE						VOLATILE					
(PHY. 1)	MCL	MAX	Z	AVG	No. FO.	HALOCARBONS	MCL	MAX	Z	AVG		HALOCARBONS	MCL	MAX	Z	AVG	
Turbidity *	2	S	2	Q	4 Otr	(POC's)	(ng/L)	(ng/L)	(T/6n)	(T/Gn)	9	FQ. (POC'S)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	No. FO.
Color	15	2	2	2	4 Otr	1,1,1,2-Tetrachloroethane	ഹ	2	₽	2	4	Otr n-Butylbenzene	ις.	9	2	2	4 Otr
Odor	က	_	2	Q	4 Oţr	1,1,1-Trichloroethane	ເດ	2	9	2	4	Qtr n-Propylbenzene	S	2	2	2	4 Q
Temperature (°C)	,	8	9	14	4 Otr	1,1,2,2-Tetrachloroethane	ı	S	2	2	4	Otr o-Xylene	Ŋ	2	2	2	4
* Standard and Results are Measured in UNITS	easured	IN UNI	တ			1,1,2-Trichloroethane	ď	2	2	2	4	Otr p-Isopropyltoluene	ιΩ	2	2	2	4 Q
						1,1,2-Trichlorotrifluoroethane	ιΩ	2	2	2	4	Otr sec-Butylbenzene	30	9	2	S	4 Q
						1,1-Dichloroethane	ı	2	2	2	4	Otr Styrene	ഹ	2	2	Ş	4 Q
CORROSIVITY	덩	MAX	Z	AVG		1.1-Dichloroethene	Ŋ	2	2	2	4	Otr tert-Butylbenzene	ιΩ	2	2	2	4 Q
(COR. 1)	_	_	(ma/L)	(ma/L)	No. FO.		10	2	2	2	4	Otr Tetrachloroethene	r.c	2	2	2	4
Calcium Hardness			449	60.35			LC.	S	S	Ş	4		ı.	Ş	S	Ş	4
				4 407E			1	2	2	2			ų	2	2	2	
Langelier Index		2.	י קי	-1.49/5	4 .		n ı	2	2 5	2 5	÷ .		n I	2 9	2 5	2 5	4.
<u>Fa</u>		00	5.5	6.75	4		S	2	2	2	4	_	D.	2	2	2	4 Q
Total Alkalinity		72	63.2	66.2	4 Q		S	2	2	2	4		ιO	2	2	2	4 Q
Total Dissolved Solids		200	143	180.5	4 Ş		Ŋ	2	2	2	4	Qtr Trichlorofluoromethane	Ŋ	2	Ş	2	4 Q
Total Hardness		127	84.8	113.2	4 Qt	1,2-Dichloroethane	S	2	2	2	4	Otr Vinyl chloride	2	2	2	2	4
						1,2-Dichloropropane	S	2	2	2	4	żö					
						1.3.5-Trimethylbenzene	ιΩ	2	2	2	4	Otr INORGANIC	N N	MAX	Z	AVG	
DISINEFCTION	S	MAX	Z	AVG		1.3-Dichlorohenzene	LC:	S	S	S	4		(ma/l)	(//ow/	(mn/l)	(mod/)	No FO
DV.DDOOUTCTS	_	_	([/01])	(000)	N CH	FO 14 3-Dichlomoropane	ı K	2	Ş	2		_	000	Ş	2	Ş	Įċ
STOCKET THE PROPERTY OF THE PR		Ш	71/20	100 F	- I	4 A Distriction) L	2 2	2 2	2 2			3 5	2 2	2 2	2 9	3 6
Total Imparometrane	8 8	, ;	<u> </u>	08.		Cir 1,4-Dichioropenzene	nı	2 2	2 5	2 2	4 -		5.0	2 6	2 5		† ·
Five Haloacetic Acid	3	2	Ş	2	N C	otr z,z-ucnioropropane	n 1	₹!	₽!	₹ :	4		7	0.038	910.0	0.0233	4
						2-Chlorotoluene	C)	2	2	2	4	Otr Beryllium	0.004	2	2	2	4 Q
						4-Chlorotoluene	'n	2	2	Q	4	Ofr Cadmium	0.005	2	2	2	4 Q
MICROBIOLOGICAL						Benzene	ю	2	2	2	4	Qtr Calcium	Ϋ́N	28.2	8	24.175	4 Q
(MIC.)	MCL = Non Detect	lon Det	ect			Bromobenzene	Ŋ	2	2	2	4	Otr Chloride	250	47.7	21.7	37.55	4
In 2019, 560 samples were tested. There was one positive Total Coliform sample	nere was on	e positive	Total Coli	form sample.		Bromochloromethane	10	2	2	2	4	Qtr Chromium	0.1	2	2	2	4 Q
Subsequent Triggered Source monitoring were all negative for Total Collform.	ning were a	II negativ	e for Total	Collform.		Bromodichloromethane		0.7	2	2	~	Otr Copper	. .	0.2	0.002	0.0614	44 Q
3	•	•				Bromoform		2.1	2	0.75	_	Otr Fluoride	2.2	0.22	2	2	4
						Bromomethane	Ŋ	2	2	2	4	Otr Free Cvanide	0.2	2	2	2	4
						Carbon tetrachloride	ស	2	2	2	4		0.3	0.03	2	2	4
NOTES:						Chlorobenzene	in,	2	2	2	4		0.015	45.2	2	2.161	41
Sodium: The New York State Department of Health recommends that Sodium not exceed	Iment of He	alth reco	mmends the	at Sodium not	exceed	Chlorodifluoromethane	'n	2	2	2	4		¥	13.9	9.7	12.8	4
20mg/l for severally restricted sodium diets and 270 mg/l for moderately restricted sodium diets Chloroethane	diets and 2	70 ma/l	for modera	tely restricted	sodium diets	Chloroethane	τC	2	2	2	4		0.3	0.098	S	S	4
Perchlorate: The primary Action Level is 18 ppb. The Secondary Action Level is 5bbp.	el is 18 ppb	The Se	condary Ac	tion Level is 5	pp.	Chloroform		2	2	2	~		¥	2	2	2	4
-	:					Chloromethane	ιΩ	2	2	2	4		0.002	2	2	S	4
						cis-1,2-Dichloroethene	ß	2	2	2	4	Otr Nickel	Α×	0.001	2	2	4
						cis-1,3-Dichloropropene	Ŋ	2	2	2	4	Qtr Selenium	0.05	2	2	2	4
SYMBOLS USED IN THIS REPORT	PORT					Dibromochloromethane		1.9	2	0.83	~	Qtr Silver	0.1	2	Š	2	4 Q
FQ. Frequency						Dibromomethane	ß	2	2	2	4	Qtr Sodium	See Notes	22.7	16.3	19	4 Qt
MCL Maximum Allowable Contaminant Level	aminant Le	Ne.				Dichtorodifluoromethane	ß	2	2	2	4	Otr Sulfate	250	33.8	23.2	27.667	3 Qt
N/A Not Applicable						Ethylbenzene	9	2	2	2	4	Qtr Thallium	0.00	2	2	2	4 Q
						Hexachtoro-1,3-butadiene	ທ	2	2	2	4	Otr Zinc	ı,	2	2	2	4
No. Number of sample tested						Isopropylbenzene	S	2	2	2	4	Qtr Ammonia	Ϋ́	2	9	2	4 Q
Otr Quarterly						m&p-Xylene	ß	2	2	2	4	Otr Nitrates	9	2.4	0.95	1.8625	4 Q
	ts per billion	=				Methylene chloride	Ŋ	2	2	2	4	Otr Nitrites	-	2	2	2	4 Q
_	per million	` _				Methyl-tert-butyl ether	9	2	2	2	4	Otr Perchlorate	See Notes	2	2	2	4 Q

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PHYSICAL	MCL	WELL #2.0	WELL	WELL	WELL	WELL
(PHY.1) Turbidity	(UNITS) 5	#2A ND	# 5	#6 5.9	#7	#8
Color					1	1.9
Odor	15	ND	5	15 ND	ND	5
	3	ND	ND	ND	ND	ND
Temperature	Deg. C.	15	13	13	13.8	13
		WELL	WELL	WELL	WELL	WELL
INORGANIC	MCL	#2A	#5	#6	#7	#8
(IOC. 1,2,3)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Antimony	0.006	ND	ND	ND	ND	ND
Arsenic	0.010	ND	ND	ND	ND	ND
Barium	2.0	0.028	0.056	0.049	0.014	0.055
Beryllium	0.004	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND
Calcium	N/A	25.8	35	26.5	27.4	35.3
Chloride	250	52.4	105	38.1	29.8	73.4
Chromium	0.10	ND	ND	ND	ND	ND
Copper	1.3	0.0045	0.074	0.0022	0.042	0.0055
Fluoride	2.2	ND	ND	ND	ND	ND
Free Cyanide	0.2	ND	ND	ND	ND	ND
Iron	0.3	ND	0.14	0.83	0.11	0.082
Lead	0.015	ND	ND	ND	ND	ND
Magnesium	N/A	12.3	15.7	13.2	12.3	19.5
Manganese	0.3	ND	ND	0.2	0.01	ND
MBAS	N/A	ND	ND	ND	ND	ND
Mercury	0.002	ND	ND	ND	ND	ND
Nickel	N/A	0.0016	0.0011	0.0016	0.00096	0.0014
Selenium	0.05	ND	ND	ND	ND	ND
Silver	0.1	ND	ND	ND	ND	ND
Sodium	See Notes	22.1	23.2	13.6	16.9	19.6
Sulfate	250	32.5	13	48.1	31.6	48.5
Thallium	0.002	ND	ND	ND	ND	ND
Zinc	5.0	0.024	ND	0.024	0.029	0.068
Ammonia	N/A	ND	ND	ND	ND	ND
Nitrates	10	2.5	0.13	1.2	1.3	3.2
Nitrites	1	ND	ND	ND	ND	ND
Perchlorate	See Notes	0.003	ND	ND	ND	ND
		0.003	IND	ND	ND	ND
CORROSIVITY (CO	R.1)	04.1	67.4	00.0	00.1	20.1
Calcium Hardness		64.4	87.4	66.2	68.4	88.1
Langelier Index		-3.81	-2.05	-2.1	-1.59	-1 <u>.</u> 78
PH		5.5	7	7	6.5	7
Total Alkalinity		0	46.6	69.4	82.8	58.3
Disssolved Solids		199	208	172	236	422
Total Hardness		115	152	121	119	168

NOTES:

Sodium:

The New York State Department of Health recommends that Sodium not exceed 20 mg/L for severly 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.

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PHYSICAL	MCL	WELL	WELL	WELL	WELL	WELL	WELL
(PHY.1)	(UNITS)	#9	#10A	#11A	#12	#13	#14
Turbidity	5	ND	ND	ND	ND	ND	ND
Color	15	ND	ND	ND	ND	ND	ND
Odor	3	ND	NĎ	ND	ND	ND	ND
Temperature	Deg. C.	15	14	15	13	13	13
		WELL	WELL	WELL	WELL	WELL	WELL
INORGANIC	MCL	#9	#10A	#11A	#12	#13	#14
(IOC. 1,2,3)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)
Antimony	0.006	ND	ND	ND	ND	ND	ND
Arsenic	0.010	ND	ND	ND	ND	ND	ND
Barium	2.0	0.04	0.02	0.019	0.004	0.011	0.017
Beryllium	0.004	ND	ND	ND	ND	ND	ND
Cadmium	0.005	ND	ND	ND	ND	ND	ND
Calcium	N/A	33.1	20.2	16	8.8	30.4	23.5
Chloride	250	72	27	8	48.1	85.7	64.8
Chromium	0.10	ND	ND	ND	ND	ND	ND
Copper	1.3	ND	0.0039	ND	0.003	0.0041	0.0032
Fluoride	2.2	ND	0	0	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	15.4	10.3	7.3	5.8	17.3	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	0.0006	0.00063	0.0008	ND	ND	0.00051
Selenium	0.05	ND	ND	ND	ND	ND	ND
Silver	0.00	ND	ND	ND	ND	ND	ND
Sodium	See Notes	34.6	13.6	6.2			
Sulfate	250	34.0 45.4	0		9.4	21	21.1
Thallium	0.002	ND	ND	0	5.3	31.6	33.2
	5.0			ND	ND	ND	ND
Zinc		0.025	ND	ND	ND	ND	0.021
Ammonia	N/A	ND	ND	ND	ND	ND	ND
Nitrates	10	2.1	1.9	1.1	2	3.2	1.9
Nitrites	1	ND	ND	ND	ND	ND	ND
Perchlorate	See Notes	ND	ND	ND	0.0017	ND	ND
CORROSIVITY (CC)R.1)	00.7	E0. (20 A. IV
Calcium Hardness		82.7	50.4	40	22	75.9	58.7
Langelier Index		-3.51	-2.02	-1.92	-3.02	-2.12	-2.24
PH		6	6	6.5	6	6	6
Total Alkalinity		0	51.6	47.4	24.1	59	56.5
Disssolved Solids		259	149	96	99	249	204
Total Hardness		146	92.9	69.9	46.1	147	113

NOTES:

Sodium:

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Perchlorate:

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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.

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PESTICIDES AND		WELL	WELL	WELL	WELL	WELL
HERBICIDES	MCL	#2A	#5	#6	#7	#8
(SOC. 1,2)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(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 Expoxide	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	NĎ	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
Methomyi	50.0	ND	ND	ND	ND	ND
Metolachlor	50.0	ND	ND	ND	ND	ND
Metribuzin	50.0	NĐ	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

NOTE:

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HERBICIDES MCL	PESTICIDES AND		WELL	WELL	WELL	WELL	WELL	WELL
Alaclar								
Aldicarb Sulfoxide 3.0 ND ND <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Aldicarb Sulfoxide								
Aldicard Sulfone 2.0 ND								
Atrazine 3.0 ND								
Carbofuran 40.0 ND								
Chlordane 2.0 0.21 ND								
DBCP or 1,2-Dibromo-3-chloropropane								
2,4-D 50.0 ND ND <t< td=""><td></td><td></td><td></td><td></td><td></td><td>ND</td><td>ND</td><td></td></t<>						ND	ND	
Endrin								
1,2- Dibromoethane 0.05 ND ND <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Heptachlor						ND		
Heptachlor Expoxide								
Lindane 0.2 ND <						ND	ND	ND
Methoxychlor 44.0 ND	•		ND	ND	ND	ND		ND
Pentachlorophenol						ND		
Toxaphene				ND	ND	ND	ND	ND
2,4,5-TP (Silvex) 10.0 ND ND <td></td> <td></td> <td>ND</td> <td>ND</td> <td></td> <td></td> <td></td> <td>ND</td>			ND	ND				ND
3-Hydroxycarbofuran 50.0 ND ND ND ND ND ND ND N						ND	ND	ND
Aldrin 5.0 ND ND <t< td=""><td></td><td></td><td></td><td></td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></t<>					ND	ND	ND	ND
Benzo (a) pyrene						ND	ND	ND
Bis-(2-ethylhexyl) adipate 50.0 ND ND ND ND ND ND ND N			ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalates					ND	ND	ND	ND
Butachlor 50.0				ND	ND	ND	ND	ND
Carbaryl 50.0 ND	Bis-(2-ethylhexyl) phthalates				ND	ND	ND	ND
Dalapon 50.0 ND					ND	ND	ND	ND
Dicamba 50.0 ND		50.0	ND	ND	ND	ND	ND	ND
Dieldrin 5.0 ND	Dalapon				ND	ND	ND	ND
Dinoseb 7.0 ND <	Dicamba		ND	ND	ND	ND	ND	ND
Diquat 20.0 ND <	Dieldrin	5.0	ND	ND	ND	ND	ND	ND
Endothall 50.0 ND	- ···-		ND	ND	ND	ND	ND	ND
Glyphosate 50.0 ND	Diquat		ND	ND	ND	ND	ND	ND
Hexachlorobenzene 1.0 ND		50.0	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene 5.0 ND ND <th< td=""><td>Glyphosate</td><td></td><td></td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></th<>	Glyphosate			ND	ND	ND	ND	ND
Methomyl 50.0 ND	Hexachlorobenzene	1.0	ND	ND	ND	ND	ND	ND
Metolachlor 50.0 ND	Hexachlorocyclopentadiene	5.0	ND	ND	ND	ND	ND	ND
Metolachlor 50.0 ND	Methomyl	50.0	ND	ND	ND	ND	ND	ND
Metribuzin 50.0 ND	Metolachlor	50.0	ND	ND	ND	ND	ND	
Oxamyl 50.0 ND <	Metribuzin	50.0	ND	ND	ND	ND	ND	
Pichloram 50.0 ND	Oxamyl	50.0	ND	ND	ND			
Propachlor 50.0 ND	Pichloram	50.0	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	Propachlor	50.0	ND	ND				
Total PCB's 0.5 ND ND ND ND ND ND	Simazine		ND	ND				
	Total PCB's		ND	ND				
	Dioxin	0.00003	ND	ND	ND	ND	ND	ND

NOTE:

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								Ľ	TREATED)
VOLATILE			WELL			WELL			WELLS	
HALOCARBONS	MCL		#2A			#9			2A & 9	
(POC's)	(ug/L)		(ug/L)			(ug/L)			(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	1.20	ND	0.27	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	2.60	ND	ND
Bromoform		ND	ND	ND	ND	ND	ND	7.30	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	0.96	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	0.50	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	7.30	1.40	4.68	2.60	ND	ND	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	6.90	ND	ND

NOTES:

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

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Supplement to the 2019 Annual Drinking Water Quality Report as required by part #5 of the new York State Sanitary Code

									TREATED)
VOLATILE			WELL			WELL			WELLS	
HALOCARBONS	MCL		#2A			#9			2A & 9	
(POC's- Continued)	(ug/L)		(ug/L)			(ug/L)			(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	11.30	1.30	6.73	3.20	ND	0.24	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	17.30	ND	0.96
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	7.90	4.20	6.23	3.10	ND	0.06	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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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	ИD	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	2.40	1.70	2.06	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	ND	ND	ND	0.87	ND	ND	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	2.50	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	0.0	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	ND	ND I
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	0.0	ND	ND	ND	ND	ND	ND	1.50	ND	ND	ND	ND	ND

NOTES:

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VOLATILE HALOCARBONS (POC's- Continued)	MCL		WELL #5			WELL #6		i	TREATED WELL #6			WELL #7	
(FOC S- COMINGEO)	(ug/L)	HIGH	(ug/L) LOW	AVG	HIGH	(ug/L) LOW	AVG	HJGH	(ug/L) LOW	AVG	HIGH	(ug/L) 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 I
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	0.63	ND	ND	3.90	ND	0.06	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	1.40	0.70	0.93	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:

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						TREATED)			
VOLATILE			WELL			WELL			WELL	
HALOCARBONS	MCL		#8			#8			#10A	
(POC's)	(ug/L)		(ug/L)			(ug/L)			(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	4.50	ND	0.54	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	<u>L</u>	ND	ND	ND	0.52	ND	ND	ND	ND	ND

NOTES:

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						TREATEL)			
VOLATILE			WELL			WELL			WELL	
HALOCARBONS	MCL		#8			#8			#10A	
(POC's- Continued)	(ug/L)		(ug/L)			(ug/L)			(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	0.78	ND	0.18	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	18.20	7.90	11.69	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	4.50	ND	0.76	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	0.55	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

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VOLATILE			WELL			WELL			WELL	
HALOCARBONS	MCL		#11A			#12			#13	
(POC's)	(ug/L)		(ug/L)			(ug/L)			(ug/L)	
		HIGH	LOW	AVG	HIGH	LOW	AVG	HIGH	LOW	AVG
1,1,1,2-Tetrachioroethane	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	2.00	ND	ND	0.97	ND	ND
1,1-Dichloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	5.0	0.56	ND	ND	0.51	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	2.40	ND	0.45	1.20	ND	ND
Chloroethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chioroform		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	20.90	ND	6.38	11.50	ND	2.04
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

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VOLATILE			WELL			WELL			WELL	
HALOCARBONS	MCL		#11A			#12			#13	
(POC's- Continued)	(ug/L)		(ug/L)			(ug/L)			(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	0.51	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	0.76	ND	ND	3.30	ND	0.68	1.90	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	ND	ND	ND	5.90	ND	1.78	3.50	ND	0.20
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

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VOLATILE			WELL					LLS 12, 13	& 14	
HALOCARBONS	MCL		#14		AIR :	STRIPPEI	? - A	AIR :	STRIPPEI	R - B
(POC's)	(ug/L)		(ug/L)			(ug/L)			(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	0.90	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	1	ND	ND	ND	1.10	ND	ND	9.00	ND	0.38
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	0.83	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	מא	ND	ND
Chloromethane	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.0	11.90	ND	3.98	0.53	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5.0	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	L	ND	ND	ND	0.71	ND	ND	3.10	ND	ND

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VOLATILE			WELL			TREA	TED WEL	LS 12, 13	& 14	
HALOCARBONS	MCL		#14		AIR S	STRIPPE	R - A	AIR S	STRIPPE	R - B
(POC's- Continued)	(ug/L)		(ug/L)			(ug/L)			(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-lsopropyltoluene	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	2.20	ND	0.41	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	1.80	ND	ND	12.10	ND	0.69
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	2.90	ND	0.55	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

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CHLORIDES	HIGH	LOW	AVG
WELL # 2A	52.4	15.7	38.7
WELL#5	105.0	31.5	70.8
WELL#6	38.1	22.1	32.9
WELL # 7	29.8	9.0	25.9
WELL#8	73.4	60.3	64.7
WELL#9	72.0	51.8	60.5
WELL # 10A	27.0	17.6	22.9
WELL # 11A	8.0	6.1	6.6
WELL # 12	48.1	18.5	33.6
WELL # 13	85.7	50.9	66.8
WELL # 14	64.8	5.3	33.5

2019 SOURCE TESTING RESULTS FOR RADIONUCLIDES

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ANALYSIS	MCL	WELL #2A	WELL #5	9# 773M	L# TTBM	8# 773M	6# 713M	WELL #10A	WELL #11A	WELL #12	#13 MEIT	WELL #14
1007100	(pCi/L)	(pCi/L)	(pCi/L)	(bCl/L)	(pC//L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(pCi/L)	(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	0.554	0.585	0.571	0.257	0.112	0.187	0.158	0.0798	0.367	0.521	0.623
Radium 228	226/228)	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 paried 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 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.