WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Con	npounds as well as Contaminants					Distribu	tion Area	1		Distrib	ution /	Area 4		Dist	ribution	Area 5	
Detected Compound	Likely Source	MCL N	/ICLG	Unit of Measure	Violatio		of Readin		Violatio			eadings Avg. 1	No. of		ange of F		
					Yes/No		/alue Valu			Value			Tests	Yes/No Valu			Tests
Inorganics																	
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No 1	ND 106.	0 35.8	260	_No_		56.4	49.2	9	No 33.0	82.6	45.7	10
Aluminum Ammonia, free	Naturally occurring Some fertilizers, septic systems	n/a n/a	n/a n/a	mg/L mg/L	No 1 No 1			523 319	No_	0.02 ND	0.10 ND	0.06 ND	9 -	No ND	0.05 ND	ND ND	49 10
Arsenic Barium	Erosion of natural deposits	10	0	uğ/L	No 1	ND 2.5	ND	523	No_	ND	ND	ND	9 9	No ND	ND	ND	49
Boron	Erosion of natural deposits Naturally occurring	n/a	n/a	mg/L mg/L	No 1	ND ND	ND	523 798	No_ No_		ND 0.11		38	No ND No ND	0.2 ND	0.04 ND	49 13
Bromide Cadmium	Naturally occurring Natural deposits, galvanized pipe	n/a 5	n/a 5	ug/L ug/L		ND 92. ND 0.4		293 523	No No	ND ND	ND ND	ND ND	9	No ND No ND	106.0 ND	ND ND	10 49
Calcium	Naturally occurring, pH control	n/a	n/a	mg/L	No !	0.7 62.	7 12.2	798	_No_	ND	1.0	0.6	38	No 10.2	49.2	20.7	13
Chloride Chromium, total	Naturally occurring,salt water intrusion,road salt Natural deposits	250 100	n/a 100	mg/L ug/L		4.0 161 ND 2.5		306 523	No No	3.5 ND	6.6 ND	4.1 ND	9	No 10.9 No ND	132.0 6.0	54.0 2.3	37 49
CO2, calculated Cobalt-59	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ug/L		0.1 23.4 ND 4.4		260 523	No _No	0.6 ND	7.7 ND	2.4 ND	9 -	No 3.4 No ND	21.5 ND	9.0 ND	10 49
Color, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No	ND 12	ND	260	No_	ND	10	7	9	No ND	ND	ND	10
Copper Fluoride	Household plumbing Erosion of natural deposits	AL=1.3 2.2	n/a	mg/L mg/L		ND 0.10 ND ND		523 306	No_ No_	ND	0.02 ND	ND ND	9 9	No ND No ND	ND ND	ND ND	49 37
Hardness, total Hexavalent Chromium	Measure of the calcium and magnesium Erosion of natural deposits	n/a n/a	n/a n/a	mg/L ug/L		3.3 179. ND 0.74		798 261	No_	ND 0.04	2.9 0.74	ND 0.20	38 9	No 42.2 No 0.84	171.0 5.86	76.0 2.15	13 40
Iron	Naturally occurring '	300	n/a	uğ/L	Yes	ND 987	182	798	Yes	182	554	268	38	No ND	32	ND	13
Lead Lithium	Household plumbing, lead solder Naturally occurring	AL=15 n/a	n/a	ug/L ug/L		ND 1.3 ND 8.2	1.7	523 523	No_ No_	ND 3.6	ND 4.2	ND 4.0	9	No ND No ND	1.2 1.7	ND ND	49 49
Magnesium Manganese	Naturally occurring Naturally occurring	n/a 300	n/a n/a	mğ/L ug/L		0.21 9.9 ND 84	1 1.44 ND	798 798	_No_ No_	ND ND	ND ND		38 38	No 4.08 No ND	11.80 ND	5.96 ND	13 13
Molybdenum	Naturally occurring	n/a	n/a	uğ/L	No	ND ND	ND	523	No_	ND	ND	ND	9	No ND	ND	ND	49
Nickel Nitrate	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	100 10	n/a 10	ug/L mg/L	No	ND 10.9 ND 4.89	9 0.70	523 306	No_ No_		ND 0.01	ND ND	9	No ND No 0.29	1.3 8.43	ND 4.82	49 37
Nitrite Perchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	1 15	5	mg/L ug/L	No	ND ND ND 2.3:	ND	306 260	No_ No_	ND ND	ND ND	ND ND	9	No ND No ND	ND 1.13	ND 0.81	37 10
pH	Measure of water acidity or alkalinity	n/a	n/a	pH Ŭnits	No :	5.8 9.3	7.3	539	_No_	7.1	8.2	7.7	10	No 6.6	7.5	7.1	17
pH, field Phosphate, total	Measure of water acidity or alkalinity Added to keep iron in solution	n/a n/a	n/a n/a	pH Units mg/L		6.3 9.5 ND 3.3		3039 798	<u>No</u> _ No_	6.9 ND	8.5 0.31		43 38	No 6.7 No ND	7.7 ND	7.2 ND	119 13
Potassium Silicon	Naturally occurring	n/a n/a	n/a n/a	mg/L	No.	0.20 3.4 2.9 8.3	4 0.59	798	No_		1.31 4.4		38 9	No 0.81	2.04	1.09	13_
Sodium	Naturally occurring Naturally occurring	n/a	n/a	mg/L mg/L	No :	2.6 63.3	2 7.3	523 798	No_	19.3	28.4	23.3	38	No 6.5 No 7.4	8.0 59.6	7.1 17.9	49 13
Specific Conductance Strontium-88	Total of naturally occurring minerals Naturally occurring	n/a n/a	n/a n/a	umho/cm mg/L		35 623 ND 0.23		260 523	No No	109 ND	135 ND	119 ND	9	No 118 No 0.035	639 5 0.135	232 0.057	10 49
Sulfate	Naturally occurring	250	n/a	mg/L	No	ND 52.	1 6.8	306	No_	5.1	8.7	7.8	9	No 5.3	18.3	11.2	37
Surfactants, anionic Tin	Washwater from septic systems Solder used in plumbing	0.50 n/a	n/a n/a	mg/L ua/L		ND ND ND ND		242 523	No No	ND ND	ND ND	ND ND	<u>7</u> 9	No ND No ND	ND ND	ND ND	8 49
Titanium Total Organic Carbon (TOC)	Naturally occurring	n/a n/a	n/a n/a	uğ/L ma/L		ND 12.9 ND 0.5		798 20	No_ No_	ND ND	ND 0.7	ND ND	38	No ND No ND	ND ND	ND ND	13 2
Turbidity	Silts and clays in aquifer	5_	n/a	NŤU	No_l	ND 3.7	0.44	260	_No_	ND	1.8	0.46	9	No ND	0.85	ND	10
Vanadium Zinc	Naturally occurring Naturally occurring, plumbing	n/a 5	n/a n/a	ug/L mg/L	No I	ND ND ND 0.04		523 523	No_ No_	ND ND	ND ND	ND ND	9	No ND No ND	ND 0.04	ND ND	49 49
Synthetic Orga	nic Compounds including	Pes	tici	des a	nd H	lerbic	ides (August 2	6, 2020 1	NYS add	opts an	MCL of	f 1 ppb	for 1,4 Diox	ane, see	page 1	2)
Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/L		ND ND		268	No_	ND	ND	ND		No ND	ND	ND	12
Alachlor OA Aldicarb Sulfone	Degradation product of Alachlor Pesticide used on row crops	50 2	n/a 1	ug/L ug/L		ND ND ND ND		268 267	<u>No</u> _ No_	ND ND	ND ND	ND ND		No ND No ND	ND ND	ND ND	12 11
Aldicarb Sulfoxide Chlordane, Total	Pesticide used on row crops Residue of banned termiticide	4	n/a	ug/L ug/L	No I	ND ND ND ND		267 263	No No	ND ND	ND ND	ND ND		No ND No ND	ND	ND ND	11 10
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No I	ND ND	ND	260	_No_	ND	ND	ND	10	No ND	ND ND	ND	10
1,4-Dioxane Hexazinone	Used in manufacturing processes Used as a herbicide	*1 50	n/a n/a	ug/L ug/L		ND 1.89 ND ND		317 260	No No	ND ND	ND ND	ND ND		No ND No ND	1.28 ND	0.54 ND	18 10
Metalaxyl Metaolachlor	Used as a fungicide Used as a soil herbicide	50 50	n/a n/a	ug/L ug/L	Nol	ND ND	ND	260 260	No_	ND ND	ND ND	ND ND		No ND	ND ND	ND ND	10
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	Nol	ND ND	ND	268	_No_	ND	ND	ND	10	No ND	ND	ND	10 12
Metolachlor OA etrachloroterephthalic Acid	Degradation product of Metolachlor Used as a herbicide	50 50	n/a n/a	ug/L ug/L	No I	ND ND ND 1.4		268 262	No_ No_	ND ND	ND ND	ND ND	10 10	No ND	ND ND	ND ND	12 12
				-9/-											.,,,	.,,,	
Volatile Organic	Compounds																
Chlorobonzers	From industrial aborning factories	E	n/-	110/1	Ne.	ND ND	NID	202	NI-	ND	ND	ND	0	No. NO.	ND	NID	00
Chlorobenzene Chlorodifluoromethane	From industrial chemical factories Used as a refrigerant	5 5	n/a n/a	ug/L ug/L	No I	ND ND	ND.	383 383	No_ No_	ND ND	ND ND	ND ND	9	No ND No ND	ND ND	ND ND	62 62
Cis-1,2-Dichloroethene I.3-Dichlorobenzene	From industrial chemical factories Used as a fumigant and insecticide	5 5	n/a n/a	ug/L ug/L	No I			383 383	No_ No_	ND ND	ND ND	ND ND	9	No ND	ND ND	ND ND	62 62
,4-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND ND	ND.	383	_No_	ND	ND	ND	9	No ND	ND	ND	62
1,1-Dichloroethane	Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing	5 5	n/a n/a	ug/L ug/L	No I	ND ND ND 1.10		383 383	No_	ND ND	ND ND	ND ND	9	No ND No ND	ND 2.76	ND 0.57	62 62
1,2-Dichloroethane 1,1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a n/a	ug/L ug/L	No No	ND ND	ND.	383 383	No_	ND ND	ND ND	ND ND	9	No ND	ND	ND	62
1,2-Dichloropropane	From industrial chemical factories	5	0	ug/L	No	ND ND	ND	383	_No_	ND	ND	ND	9	No ND No ND	0.29 ND	ND ND	62 62
Ethyl Benzene 4-Methyl-2-Pentanone	From paint on inside of water storage tank From manufacturing facilities	5 50	n/a n/a	ug/L ug/L	No I			383 383	No No	ND ND	ND ND	ND ND	9	No ND No ND	0.37 3.93	ND ND	62 62
Methyl-Tert-Butyl Ether	Gasoline	10_	n/a	ug/L	No I	ND 3.29	OND	383	No_	ND	ND	ND	9	No ND	ND	ND	62
o-Xylene o,m-Xylene	From paint on inside of water storage tank From paint on inside of water storage tank		n/a n/a	ug/L ug/L	No I	ND 1.0	2 ND	383 383	No_ No_	ND ND	ND ND	ND ND	9	No ND No ND	2.29 1.03	ND ND	62 62
Tetrachloroethene 1,2,4-Trichlorobenzene	Factories, dry cleaners, spills Discharge from textile-finishing factories	5 5	0 n/a	ug/L ug/L	No		ND	383 383	No_	ND ND	ND ND	ND ND	9	No ND No ND	0.55 ND	ND ND	62 62
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L	No	ND 0.4	<u>1 ND</u>	383	_No_	ND	ND	ND	9	No ND	0.27	ND	62
Trichloroethene Trichlorofluoromethane	Metal degreasing sites, factories Dry cleaning,propellant,fire extinguishers	5 5	0 n/a	ug/L ug/L	No No			383 383	No_ No_	ND ND	ND ND	ND ND	9	No ND No ND	0.52 ND	ND ND	62 62
1.2.3-Trichloropropane	Degreasing agent, manufacturing Solvent in paints and varnishes	5 5	n/a	ug/L	No	ND 1.34	1 ND	383	_No_	ND	ND	ND	9	No ND	ND	ND	62
1,1,2-111CHIOFOITIIIUOFOETNANG	Solvent in paints and varnishes	5	n/a	ug/L	_No	ND ND	ND_	383	_No_	ND	ND	ND_	9	No ND	_ND_	ND	62

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Con	npounds as well as Contaminants					Distri	bution	Area 6	;		Distrib	oution /	Area 7		Distr	ibution	Area 8	
Detected Compound	Likely Source	MCL I	MCLG	Unit of	Violatio		ige of R			Violatio			eadings	-£ \/ii			eadings	
				Measure		on Low Value	High Value	Avg. Value	No. of Tests	Violatio Yes/No	on Low Value	High Value	Avg. No. Value Te		olation Low es/No Value	High Value		No. of Tests
Inorganics																		
Alkalinity to pH 4.5 mg CaCO3/L Aluminum	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L			87.8 0.06	50.5 0.03	48 76	No_ No_	46.6 ND	65.2 0.07	57.2 0.03		lo 25.4 lo ND	33.4 0.02	27.4 ND	8 8
Ammonia, free Arsenic	Some fertilizers, septic systems Erosion of natural deposits	n/a 10	n/a	mg/L ua/L	No	ND ND	ND ND	ND ND	48 76	_No_	ND ND	ND ND	ND ND	4 1	lo_ND	ND	ND	8
Barium	Erosion of natural deposits	2	2	mg/L	No	ND	80.0	ND	76	No_ No_	ND	0.03	0.02	8 1	lo ND	ND ND	ND ND	8 8
Boron Bromide	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ua/L			ND 78.8	ND ND	50 52	No _No	ND 51.3	ND 69.0	ND 60.6		lo ND lo ND	ND ND	ND ND	8 8
Cadmium	Natural deposits, galvanized pipe	5 n/a	5 n/a	ug/L mg/L	No	ND	ND 36.8	ND 21.2	76 50	No_	ND 16.0	ND 28.7	ND 23.4	8 1	lo ND	ND	ND	8
Calcium Chloride	Naturally occurring, pH control Naturally occurring,salt water intrusion,road salt	250	n/a	mg/L	No	6.7	35.7	18.8	142	No_ No_	14.0	23.2	20.4	8 N	lo <u>8.7</u> lo <u>6.1</u>	14.4 16.9	11.2 11.0	8 8
Chromium, total CO2. calculated	Natural deposits Naturally occurring	100 n/a	100 n/a	ug/L mg/L		ND 0.2	9.9 28.9	1.7 7.2	76 48	No_ No_	ND 4.2	10.9 11.6	4.5 7.9		lo ND lo 3.3	ND 9.8	ND 4.8	8 8
Cobalt-59	Naturally occurring	n/a	n/a	uğ/L	No	ND	0.6	ND	76	No_	ND	ND	ND	8 1	lo_ND	ND	ND	8
Color, Apparent Copper	Naturally occurring metals or minerals Household plumbing	15 AL=1.3		Color Units mg/L		ND	ND 0.03	ND ND	48 76	No_ No_	ND ND	ND ND	ND ND	8 1	lo ND lo ND	ND ND	ND ND	8 8
Fluoride Hardness, total	Erosion of natural deposits Measure of the calcium and magnesium	2.2 n/a	n/a n/a	mg/L mg/L			ND 128.0	ND 71.8	142 50	No_ No_	ND 54.2	<u>ND</u> 94.1	<u>ND</u> 77.7		lo ND lo 24.3	ND 46.2	ND 34.6	8 8
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No	ND	8.57	1.66	78	No_	0.51	8.88	3.99	8 1	lo 0.09	0.48	0.22	8
Iron Lead	Naturally occurring Household plumbing, lead solder	300 AL=15		ug/L ug/L	No	ND	62 ND	ND ND	50 76	No_ No_	ND ND	ND ND	ND ND	8 1	lo ND lo ND	ND ND	ND ND	8 8
Lithium Magnesium	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	ug/L mg/L			2.1 8.88	ND 4.61	76 50	No_ No_	ND 3.46	ND 5.45	ND 4.70		lo ND lo 0.65	ND 2.73	ND 1.63	8 8
Manganese	Naturally occurring	300	n/a	uğ/L	No	ND	ND	ND	50	_No_	ND	ND	ND	4 1	lo ND	ND	ND	8
Molybdenum Nickel	Naturally occurring Alloys, coatings manufacturing, batteries	n/a 100	n/a n/a	ug/L ug/L	No		ND 1.4	ND ND	76 76	No_ No_	ND ND	ND 0.80	ND 0.6	8 1	lo ND lo 0.6	ND 1.4	ND 1.0	8 8
Nitrate Nitrite	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks	10	10	mg/L mg/L	No		8.70 ND	5.51 ND	142 142	No_	4.94 ND	6.85 ND	6.26 ND	8 1	lo 1.04 lo ND	3.55 ND	2.34 ND	8 8
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	uğ/L	No	ND 4	4.41	1.61	79	No_	0.55	1.80	1.22	4 1	lo 0.88	2.00	1.46	8
pH pH, field	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a n/a	n/a n/a	pH Units			8.9 9.5	7.3 7.3	89 602	No_ _No_	7.0 6.6	7.4 7.7	7.1 7.2 1		lo 6.8 lo 6.6	7.3 8.0	7.1 7.2	8 64
Phosphate, total Potassium	Added to keep iron in solution Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L			1.56 1.49	ND 0.95	50 50	No_ No_	ND 0.69	ND 1.10	ND 0.94		lo ND lo 0.40	ND	ND 0.62	8 8
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.5	9.1	7.3	76	No_	6.5	8.5	7.2	8 1	lo 3.8	4.0	3.8	8
Sodium Specific Conductance	Naturally occurring Total of naturally occurring minerals	n/a n/a	n/a n/a	mg/L umho/cm			16.5 365	10.6 209	50 48	No_ No_	9.0 200	14.9 277	12.5 240		lo 4.3 lo 77	9.6 155	6.8 115	8 8
Strontium-88 Sulfate	Naturally occurring Naturally occurring	n/a 250	n/a n/a	mg/L mg/L	No	0.023	0.146 25.1	0.080 9.7	76 142	No_ No_	0.064 4.3	0.093 11.9	0.086 9.9	8 1	lo 0.015 lo ND		0.030	8 8
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No	ND	ND	ND	42	_No_	ND	ND	ND	2 1	lo ND	ND	ND	6
Titanium	Solder used in plumbing Naturally occurring	n/a n/a	n/a n/a	ug/L ug/L		ND ND	ND ND	ND ND	76 50	No_ No_	ND ND	ND ND	ND ND		<u>lo ND</u> lo ND	ND ND	ND ND	<u>8</u> 8
Total Organic Carbon (TOC) Turbidity		n/a 5	n/a n/a	mg/L NTU	No	ND ND	ND 1.3	ND ND	48	No_	ND ND	ND 0.65	ND ND	2 1	lo ND	ND	ND	2
Vanadiúm	Naturally occurring	n/a	n/a	ug/L	No	ND	ND	ND	76	No_	ND	ND	ND	8 1	lo ND lo ND	0.71 ND	ND ND	8
Zinc	Naturally occurring, plumbing	5	∣ n/a	mg/L	No	ND	0.03	ND	76	No_	ND	ND_	ND	8 1	lo ND	ND	ND	8
Synthetic Orga	nic Compounds including	Pas	tici	des a	nd H	lerhi	cide	S (A)	uguet 2	6 2020	NVS ad	onto an	MCL of 1	nnh fo	r 1 4 Dioys	no coo	page 45	2)
Symmotic Orga				uco u			o i di c	,	igust 2	0, 2020	IVI O au	opts an	INCL OF I	ppo ic	i i,4 Dioxe	ille, sec	page 12	-)
Alashlar FCA	Degradation product of Alachlar	F0	2/0	/1	Nia	ND	ND	ND		NI-	ND	ND	ND	4	. ND	ND	ND	0
Alachlor ESA Alachlor OA	Degradation product of Alachlor Degradation product of Alachlor	50 50	n/a n/a	ug/L			ND ND	ND ND	55 55	No_ No_	ND ND	ND ND	ND ND	4 N 4 N	D ND	ND ND	ND ND	9
Aldicarb Sulfone Aldicarb Sulfoxide	Pesticide used on row crops Pesticide used on row crops	4	1 1	ug/L ug/l	No No		ND ND	ND ND	80 80	No_	ND ND	ND ND	ND ND	4 N 4 N	D ND	ND ND	ND ND	<u>8</u>
Chlordane, Total	Residue of banned termiticide	2	n/a	ug/L	No	ND	ND	ND	46	No_	ND	ND	ND	4 N	o ND	ND	ND	8
Diethyltoluamide (DEET) 1,4-Dioxane	Used in manufacturing processes	50 *1	n/a n/a	ug/L			ND 3.65	ND 0.65	46 76	No_ No_	ND 0.83	ND 1.66	ND 1.27	4 N 4 N	OND	ND 0.17	ND 0.09	8 13
Hexazinone Metalaxyl	Used as a herbicide Used as a fungicide	50 50	n/a n/a				ND ND	ND ND	46 46	No_ No_	ND ND	ND ND	ND ND	4 N 4 N	o ND	ND ND	ND ND	8 8
Metaolachlor	Used as a soil herbicide	50	n/a	uğ/L	No	ND	ND	ND	46	No_	ND	ND	ND	4 N	o ND	ND	ND	8
Metolachlor ESA Metolachlor OA	Degradation product of Metolachlor Degradation product of Metolachlor	50 50	n/a n/a	ug/L ug/L	No	ND	ND ND	ND ND	55 55	No_ No_	ND ND	ND ND	ND ND	4 N 4 N	ND	ND ND	ND ND	8 8
Tetrachloroterephthalic Acid	Used as a herbicide	50	n/a	ug/L	No	ND 4	4.79	ND	64_	_No_	ND	ND_	ND	4 N	D_ND	ND	ND	8
Volatile Organic	Compounds																	
voiatile Organic	Compounds																	
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND	ND	ND	215	_No_	ND	ND	ND	12 N	o ND	ND	ND	10
	Used as a refrigerant From industrial chemical factories	5 5	n/a n/a	ug/L	No No	ND	ND 0.40	ND ND	215 215	No_ No_	ND ND	ND 0.49	ND	12 N	o ND	ND	ND ND	10
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND	ND	ND	215	No_	ND	ND	ND	12 N	o ND	ND ND	ND	10 10
<u>1,4-Dichlorobenzene</u> Dichlorodifluoromethane	Used as a fumigant and insecticide Refrigerant, aerosol propellant	5 5	n/a n/a		No No		ND ND	ND ND	215 215	No_ No_	ND ND	ND ND	ND ND	12 N 12 N	o ND o ND	ND ND	ND ND	10 10
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	uğ/L	No	ND :	2.16	0.48	215	No_	ND	1.15	0.55	12 N	o ND	ND	ND	10
1,2-Dichloroethane 1,1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a n/a	ug/L	No	ND (0.79 0.41	ND ND	215 215	No_ No_	ND ND	ND 0.34	ND ND	12 N 12 N 12 N 12 N 12 N 12 N 12 N 12 N	o ND	ND ND	ND ND	10 10
1,2-Dichloropropane Ethyl Benzene	From industrial chemical factories From paint on inside of water storage tank	5 5	0 n/a	ug/L	No No	ND	1.79 ND	ND ND	215	No_ No_	ND ND	0.56 ND	ND ND	12 N 12 N	o ND	ND ND	ND ND	10 10
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No	ND	ND	ND	215 215	_No_	ND	ND	ND	12 N	o ND	ND	ND	10
o-Xylene	Gasoline From paint on inside of water storage tank	10 5	n/a n/a	ug/L ug/L	No No		ND ND	ND ND	215 215	No_ No_	ND ND	ND ND	ND ND	12 N 12 N		ND ND	ND ND	10 10
p,m-Xylene	From paint on inside of water storage tank Factories, dry cleaners, spills		n/a 0	ug/L	No	ND	ND	ND ND	215	_No_	ND ND	ND ND	ND ND	12. N	o ND	ND	ND	10
	Discharge from textile-finishing factories	5	n/a			ND	1.45 ND	ND	215 215	No_ No_	ND	ND	ND	12, <u>N</u>	o_ND	ND ND	ND ND	10 10
1,1,1-Trichloroethane Trichloroethene	Metal degreasing sites, factories Metal degreasing sites, factories	5 5	n/a 0	ug/L ug/L	No No		0.68 0.61	ND ND	215 215	No_ _No_	ND ND	ND ND	ND ND	12 <u>N</u> 12 N	o ND	ND ND	ND ND	10 10
<u>Trichlorofluoromethane</u>	Dry cleaning, propellant, fire extinguishers	5	n/a	ug/L	No	ND	ND	ND	215	_No_	ND	ND	ND	12, <u>N</u>	o ND	ND	ND	10
1,2,3-Trichloropropane 1,1,2-Trichlorotrifluoroethane	Degreasing agent, manufacturing Solvent in paints and varnishes	5 5	n/a n/a		No No		ND 0.78	ND ND	215 215	No_ No_	ND ND	ND ND	ND ND	12 N 12 N	o ND o ND	ND ND	ND ND	10 10

WATER QUALITY BY DISTRIBUTION AREA

Naturally Occuring Con	npounds as well as Contaminants					Distributio	n Area 9)		Distribu	ution A	rea 10		Dist	tribution	Area 1	1
Detected Compound	Likely Source	MCL M		Jnit of Measure	Violatio	Range of			Violation		ge of Re		of Vi	<u>F</u> olation Lo	Range of		
				vicasure	Yes/No		ue Value		Yes/No					es/No Va			
Inorganics																	
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No	36.4 83.4	56.8	22	_No_	30.2	59.6	41.8 3	37. N	lo 24.6	98.2	48.0	47
Aluminum Ammonia, free	Naturally occurring Some fertilizers, septic systems	n/a	n/a n/a	mg/L ma/L		ND 0.05	0.02 ND	41	No No			0.02	11 N	lo ND lo ND	0.09 ND	0.03 ND	58 49
Arsenic	Erosion of natural deposits	10	0	_uğ/L	No	ND ND	ND	41	No_	ND	ND	ND 6	51 N	lo ND	ND	ND	58
	Erosion of natural deposits Naturally occurring		n/a	mg/L mg/L	No	ND 0.03 ND ND	ND ND	41 23	No_	ND	0.04 ND	ND 3	88N	lo ND lo ND	0.05 ND	0.02 ND	58 53
Bromide Cadmium	Naturally occurring Natural deposits, galvanized pipe	n/a 5	n/a 5	ug/L ug/L	No No	ND 75.5 ND ND	ND ND	22 41	<u>No</u> No	ND ND	65.9 ND			lo ND lo ND	448.0 ND	58.3 ND	47 58
Calcium	Naturally occurring, pH control Naturally occurring, salt water intrusion, road salt	n/a	n/a n/a	mg/L mg/L	No	17.7 33.5 12.2 35.2	25.2 20.8	23 87	No_ No_	11.5	31.3	20.4	88 N	lo 9.6	49.4	22.3	53
Chromium, total	Natural deposits	100	100	uğ/L_	No	ND 10.3	1.9	41	No_	ND	9.9	1.5	31 N	lo 9.9 lo ND	88.3 2.8	38.7 0.7	128 58
	Naturally occurring Naturally occurring		n/a n/a	mg/L ug/L	No No	1.6 11.5 ND ND	5.3 ND	22 41	No _No	1.3 ND	23.4 1.4			lo <u>0.6</u> lo ND	25.0 3.2	8.0 ND	47 58
Color, Apparent Copper	Naturallý occurring metals or minerals Household plumbing		n/a c		No No	ND ND ND ND 0.03	ND ND	22 41	No_ No_	ND ND	ND 0.03		37N	lo ND lo ND	5 0.02	ND ND	47 58
Fluoride	Erosion of natural deposits	2.2	n/a	mg/L	No	ND ND	ND	87	No_	ND	ND	ND 1	96 N	lo ND	ND	ND	128
Hexavalent Chromium	Measure of the calcium and magnesium Erosion of natural deposits	n/a	n/a n/a	mg/L ug/L	No	57.0 124.0 ND 6.31	1.54	23 40	No_	0.04	4.32	1.25	<u> 1 </u>	lo 29.0 lo 0.05		71.1 0.64	53 57
Iron Lead	Naturally occurring Household plumbing, lead solder	300 AL=15	n/a 0	ug/L ug/L	No No	ND ND	ND ND	23 41	No _No	ND ND	88 ND			lo ND lo ND	68 ND	ND ND	53 58
Lithium	Naturally occurring Naturally occurring	n/a	n/a n/a	ug/L mg/L	No	ND 2.6 2.71 10.40	ND	41	No_	ND	ND	ND 6	1 1	lo ND	ND	ND	58
Manganese	Naturally occurring	300	n/a	uğ/L_	No	ND ND	5.80 ND	23	_No_ _No_	ND	ND	ND 3	88 N	lo ND) 6.86 81	3.75 14	53 53
	Naturally occurring Alloys, coatings manufacturing, batteries		n/a n/a	ug/L ug/L	No No	ND ND	ND 0.6	41 41	No _No	ND ND	ND 1.9			lo ND lo ND	ND 6.3	ND 1.5	58 58
Nitrate	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks	10	10	mg/L mg/L		0.80 8.50 ND ND	6.27 ND	87 87	No No			6.54 19	95 N	lo 0.14	8.59	5.60	128
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	uğ/L	No	ND 2.60	1.12	23	No_	ND	3.51	1.89	55 N	lo ND lo ND	ND 2.15	ND 0.80	128 50
pH, field	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a	n/a r	oH Units		7.0 9.0 6.5 8.3	7.4 7.3	29 273	No_	6.5 6.5	8.2 8.1	7.2 6	10N	lo 6.5 lo 6.5	8.4 9.0	7.1 7.2	87 457
Phosphate, total	Added to keep iron in solution Naturally occurring		n/a i	mg/L ma/L	No No	ND ND 0.71 2.03	ND 1.09	23 23	No_	ND 0.66	ND 1.31		<u> 88 N</u>	lo ND	ND 1.86	ND 1.02	53 53
Silicon	Naturally occurring	n/a	n/a	mg/L	No	4.8 9.9	6.9	41	No_	3.5	8.1	6.1	31 N	lo 3.9	7.1	5.3	58
Specific Conductance	Naturally occurring Total of naturally occurring minerals	n/a			No	10.1 21.3 190 356	14.9 262	23 22	No _No	138	298	212 3	37N	lo <u>6.2</u> lo <u>101</u>		16.0 228	53 47
Strontium-88 Sulfate	Naturally occurring Naturally occurring		n/a n/a	mg/L mg/L		0.047 0.12 4.3 28.9	7 0.087 14.4	41 87	No_			0.087 6		lo 0.02 lo ND	20 0.12 16.9	2 0.064 8.2	1 <u>58</u> 128
	Washwater from septic systems	0.50	n/a	mg/L	No	ND ND	ND	18 41	No_	ND ND	ND	ND 3	35 N	lo ND	ND	ND	45
Titanium	Solder used in plumbing Naturally occurring	n/a	n/a n/a	ug/L ug/L	No No	ND ND	ND ND	23	No	ND	ND ND	ND 3	88 N	lo ND lo ND	ND ND	ND ND	58 53
Total Organic Carbon (TOC) Turbidity	Naturally occurring Silts and clays in aquifer		n/a n/a	mg/L NTU	No No	ND ND ND 0.76	ND ND	<u>4</u> 22	No _No	ND ND	ND 1.0			lo ND lo ND	ND 1.3	ND 0.47	<u>4</u> 47
Vanadiúm	Naturally occurring Naturally occurring, plumbing	n/a	n/a n/a	ug/L mg/L	No No	ND 1.7 ND 0.02	ND ND	41	No	ND	1.0	ND 6	31 N	lo ND	ND 0.02	ND ND	58 58
ZIIIC	Maturally occurring, plumbing		II/a	IIIg/L	INO	ND 0.02	IND	41		IND	0.02			ט אט	0.02	IND	36
Synthetic Orga	nic Compounds including	Pest	ticid	les a	nd F	lerbicid	les (AI	ugust 2	6, 2020 N	NYS add	opts an	MCL of	1 ppb fo	or 1,4 Dio	xane, se	e page	12)
	Degradation product of Alachlor	50	n/a	ug/L	No		ND	21	No_	ND	ND		39 N	o ND	ND	ND	50
	Degradation product of Alachlor Pesticide used on row crops	50	<u>n/a</u> 1	ug/L ug/L		ND ND	ND ND	21 21	<u>No</u> No	ND ND	ND ND		39 N 40 N		ND ND	ND ND	50 49
Aldicarb Sulfoxide Chlordane, Total	Pesticide used on row crops Residue of banned termiticide	4 2	1 n/a	ug/L ug/L	No	ND ND	ND ND	21	No No	ND ND	ND ND	ND 4	10 N	o ND	ND	ND	49
Diethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L_	No	ND ND	ND	21	No_	ND	ND	ND :	39 N	o ND	ND 0.38	ND ND	66 50
Hexazinone	Used in manufacturing processes Used as a herbicide	*1 50	n/a n/a	ug/L ug/L		ND 2.85 ND ND	0.97 ND	26 21	No_ No_	0.11 ND	1.30 ND		35 N		1.90 ND	0.50 ND	79 50
Metalaxvl	Used as a fungicide Used as a soil herbicide	50 50	n/a n/a	ug/L ug/L	No	ND ND	ND ND	21	No_No	ND ND	ND ND	ND :	39 N	o ND	ND ND	ND ND	50 50
Metolachlor ESA	Degradation product of Metolachlor	50	n/a	ug/L	No	ND ND	ND	21	No_	ND	ND	ND :	39 <u>N</u>	o ND	ND	ND	50
Metolachlor OA Tetrachloroterephthalic Acid	Degradation product of Metolachlor Used as a herbicide	50 50	n/a n/a	ug/L ug/L	No No	ND ND	ND ND	21 24	No_ No_	ND ND	ND 1.09		39 N 43 N		ND 1.25	ND ND	50 54
Volotilo Organi	Compounds																
Volatile Organic	Compounds																
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No	ND ND	ND	60	_No_	ND	ND	ND 1	35_N	lo ND	ND	ND	182
Chlorodifluoromethane	Used as a refrigerant From industrial chemical factories	5	n/a n/a	ug/L		ND ND	ND ND	60	No No	ND ND	ND ND	ND 1	35 <u>N</u>	lo ND	0.53	ND	182
1,3-Dichlorobenzene	Used as a fumigant and insecticide	5	n/a	ug/L	No	ND ND	ND	60 60	No_	ND	ND	ND 1	35 N	lo ND lo ND	2.09 ND	ND ND	182 182
Dichlorodifluoromethane	Used as a fumigant and insecticide Refrigerant, aerosol propellant	5 5	n/a n/a	ug/L ug/L		ND ND	ND ND	60 60	No_ No_	ND ND	ND ND	ND 1	35 N	lo ND lo ND	ND 0.69	ND ND	182 182
1.1-Dichloroethane	Degreaser, gasoline, manufacturing From industrial chemical factories	5 5	n/a n/a	ug/L ug/L	No	ND 1.65 ND ND	0.69 ND	60 60	No No	ND ND		0.31 1	35 N	lo ND lo ND	1.95 0.28	0.40 ND	182 182
1.1-Dichloroethene	From industrial chemical factories	5	n/a	ug/L	No	ND 0.99	ND	60 60	No_	ND	0.51	ND 1	35_N	lo ND	1.05	ND	182
1,2-Dichloropropane Ethyl Benzene	From industrial chemical factories From paint on inside of water storage tank	5 5	0 n/a	ug/L ug/L		ND ND	ND ND	60	No_ No_	ND ND	0.36 ND	ND 1	35N	lo ND lo ND	ND ND	ND ND	182 182
4-Methyl-2-Pentanone	From manufacturing facilities Gasoline	50 10	n/a n/a	ug/L ug/L	No	ND ND ND 0.32	ND ND	60 60	No_ No_	ND ND	ND 0.64	ND 1	35_N	lo ND lo ND	ND 1.11	ND ND	182 182
o-Xylene	From paint on inside of water storage tank	5	n/a	_ug/L_	No	ND ND	ND	60	No_	ND	ND	ND 1	35_N	lo ND	ND	ND	182
Tetrachloroethene	From paint on inside of water storage tank Factories, dry cleaners, spills	5	n/a 0	ug/L ug/L		ND ND ND 0.96	ND ND	60 60	No_	ND ND	ND 2.33	ND 1	35_N	lo ND lo ND	ND 0.65	ND ND	182 182
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories Metal degreasing sites, factories	5 5	n/a n/a	ug/L ug/L	No		ND 0.25	60 60	No No	ND ND	ND	ND 1	35 N	lo ND lo ND	ND	ND	182 182
Trichloroethene	Metal degreasing sites, factories	5	0	ug/L	No	ND 0.78	ND	60	No_	ND	0.53	ND 1	35 N	lo ND	0.71	ND ND	182
1,2,3-Trichloropropane	Dry cleaning,propellant,fire extinguishers Degreasing agent, manufacturing	5	n/a n/a	ug/L ug/L	No No	ND ND	ND ND	60 60	No_ No_	ND ND		ND 1	35N	lo ND lo ND	0.49 0.40	ND ND	182 182
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L		ND ND	ND	60	No_	ND				lo ND	3.05	ND	182

WATER QUALITY BY DISTRIBUTION AREA **Distribution Area 14 Distribution Area 15** Naturally Occuring Compounds as well as Contaminants **Detected Compound Likely Source** MCL MCLG Unit of Range of Readings Range of Readings Range of Readings Violation Measure Low High Avg. No. of Value Value Tests Violation Low High Avg. No. of Value Value Value Tests Low High Avg. No. of Value Value Value Tests Yes/No Yes/No Yes/No Value **Inorganics** Naturally occurring Naturally occurring Some fertilizers, septic systems Erosion of natural deposits Alkalinity to pH 4.5 mg CaCO3/L n/a n/a mg/l mg/l ND 147.0 53.6 268 ND 16 No _ND 114.0 180 Aluminum ND 0.35 0.03 ND 0.02 ND 16 n/a No 485 n/a No No ND 0.16 0.03228 Ammonia, free ND ND ND ND 16 No ND n/a n/a mğ/ No ND 0.19 182 uğ/l mg/l ND Arsenic 10 0 No ND 4.0 ND 485 No ND ND 16 No ND 1.3 ND 228 Barium Erosion of natural deposits ND 228 0.08 ND 16 No ND No 0.090.02 485 No ND Boron Naturally occurring mğ NΠ ND ND 16 n/a n/a ND ND No ND ND 244 **Bromide** Naturally occurring Natural deposits, galvanized pipe ug/l ug/l 234 228 Bromide Cadmium Calcium Chloride Chromium, total CO2, calculated Cobalt-59 Color, Apparent Copper Fluoride Hardness, total Hexayalent Chro n/a n/a Nο ND 100.0 ND 319 No ND ND ND 16 No ND 62 6 ND ND ND No NE ND No ND ND <u>485</u> No ND ND ND Naturally occurring, pH control n/a 14.8 15.7 16 n/a mg/ No 3.6 20.2 482 No 244 Naturally occurring,salt water intrusion,road salt Natural deposits n/a 100 mğ/l ug/l Nο 4 1 119.0 37.9 459 No 4.5 16 No 46 115.0 35.8 512 ND ND ND Νo 228 485 Nο No ND 5.1 1.1 Naturally occurring 48.0 No 7.8 16 n/a n/a _mg/ No 0.2 6.1 268 4.4 No 180 ND ND ND Naturally occurring Naturally occurring metals or minerals 4.9 16 n/a l n/a ug/L Nο ND ND 485 No 16 No ND 1 1 NΠ 228 n/a ND ND Νo 10 180 olor Units 268 ND No ND Yes Household plumbing Erosion of natural deposits Measure of the calcium and magnesium AL=1.3 1.3 mg/l No ND 0.21 ND 485 No ND 0.03 ND 16 No ND 80.0 2.2 l n/a ma/ No ND ND ND 459 No ND ND ND 16 No ND ND ND 512 n/a n/a mg/ 67 Νo No 482 No _11.9 171.0 71. 244 0.4 Hexavalent Chromium Erosion of natural deposits l n/a _uğ/ No ND 268 No 0.18 0.88 0.43 16 n/a No ND Naturally occurring Household plumbing, lead solder 300 ND ND 683 ND Iron 482 16 ∣n/a ua/ Yes ND 80 No Yes ND 548 52 244 Lead Lithium 0 ug/ No NE Νo ND ND ND ND ND 228 485 No ND ug/ mg/ Naturally occurring n/a l n/a No ND 5.0 ND 485 Νo ND ND ND 16 ND 228 No Magnesium Manganese Naturally occurring Naturally occurring 0.30 19.70 0.66 16 n/a 300 n/a 482 No 4.18 No No 0.76 11.50 4.7 244 n/a uğ/ No No ND ND ND 16 No ND 244 Naturally occurring Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks ug/l ug/l Molvbdenum n/a l n/a Nο ND 1 1 ND 485 Nο ND ND ND 16 No ND 228 Nickel Nitrate 100 ND 5.9 ND 16 n/a No ND 0.6 485 No No ND ND 228 511 10 mg/ 0.04 3.42 0.87 16 No ND 456 No No 0.08 4.4 Nitrite Perchlorate Natural deposits, fertilizer, septic tanks ma/L Nο ND ND ND 457 No ND ND ND 16 No NE 512 _ND ND Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity ug/L ND 0.34 ND 3.02 0.48 276 No No No ND 3.37 0.9° 198 n/a pH Ŭnits 8.8 509 6.8 7.4 20 242 No 6.0 pH, field Phosphate, total Potassium Measure of water acidity or alkalinity n/a n/a bH Units Nο 6.3 9.0 7.4 2619 No 6.3 8.4 267 No 6.0 8.9 1904 Added to keep iron in sólution n/a n/a l' ma/L No ND 2.46 0.37 482 No ND ND ND 16 0.31 No ND 2.17 244 Naturally occurring 0.20 3.15 482 0.29 0.80 0.42 n/a mğ 1.01 No 0.3 244 No Silicon Naturally occurring n/a ∣n/a∣ mɑ̃/L Nο 3.2 10.8 6.6 485 No 4.1 16 _4.8 10.2 228 Silicon Sodium Specific Conductant Strontium-88 Sulfate Surfactants, anionic Tin Titanium Naturally occurring Total of naturally occurring minerals n/a │ mg/L 67.7 9.9 20.2 n/a No 15.9 482 No No. 3.8 63.9 244 pecific Conductance 41 268 46 160 82 n/a n/a mho/cm No 0.014 0.044 ND Naturally occurring n/a ∣n/a∣ mɑ/L Nο ND 0.202 0.052 485 No 16 No ND 0 176 0.062 228 Naturally occurring n/a ND 6.8 mg/ No No 28.9 512 <u>459</u> No ND 11.3 Washwater from septic systems 0.50 n/a No ND ND ND 240 No ND ND NE ND No NC Solder used in plumbing n/a n/a ua/ Nο ND ND ND 485 No ND 16 No ND ND NΠ 228 Titanium Naturally occurring ug/l ND n/a Νo ND NE 244 n/a 8.5 482 No No ND ND 5.9 Total Organic Carbon (TOC) Naturally occurring Turbidity Silts and clavs in aguifer ND ND n/a mg/L NTU No ND 0.6 ND 26 No ND ND n/a No 0.74 ND 16 268 l n/a Nο ND 5.4 0.54 No No ND 0.49 180 3.8 Vanadium Zinc Naturally occurring n/a ND 485 ND NE n/a ug/l No No 228 No ND ND Naturally occurring, plumbing ND 16 n/a mg/L No 0.04 Synthetic Organic Compounds including Pesticides and Herbicides (August 26, 2020 NYS adopts an MCL of 1 ppb for 1,4 Dioxane, see page 12) Alachlor ESA Degradation product of Alachlor n/a ua/L 269 191 No ND ND Alachlor OA Degradation product of Alachlor 50 uğ/L ND 269 ND ND ND 16 n/a No ND ND No No ND ND 191 ND Aldicarb Sulfone Pesticide used on row crops ug/L Nο ND ND ND 271 No ND ND ND ND 16 No ND NΠ 180 Aldicarb Sulfoxide Pesticide used of Chlordane, Total Residue of bann Diethyltoluamide (DEET) Insect Repellent 1,4-Dioxane Used in manufact Used as a herbit Metalayd Pesticide used on row crops 271 16 ua/L No ND ND ND No No ND ND ND 180 Residue of banned termiticide ND ND ND 16 n/a uğ/L No 284 No ND ND 178 50 n/a ug/L No ND ND ND 270 Nο ND ND ND 16 No 0.2 ND 180 Used in manufacturing processes 380 ND 0.16 n/a No No No ua/L ND 0.2° 251 Used as a herbicide 50 n/a ND ND ND 16 180 ND NE No ND ND Metalaxvl 50 ND ND 16 No No Used as a fungicide n/a ua/L Nο ND ND ND 270 No ND ND ND 180 Metaolachlor Used as a soil herbicide uğ/L No ND ND 270 ND 16 n/a ND No ND ND ND 180 Metolachlor ESA Degradation product of Metolachlor 50 n/a ug/L No ND 269 ND ND ND 16 No ND 191 Metolachlor OA Degradation product of Metolachlor 50 n/a ua/L Nο ND ND ND 269 No ND ND ND 16 No ND ND ND 191 Tetrachloroterephthalic Acid Used as a herbicide 50 ug/L No 291 No n/a ND 1.40 ND 177 Volatile Organic Compounds Chlorobenzene From industrial chemical factories Chlorodifluoromethane Used as a refrigerant Cis-1,2-Dichloroethene From industrial chemical factories n/a 568 No ND 0.49 378 568 568 ND ND 5 n/a ug/L No ND 1.06 ND No ND ND 22 No ND 0.29 ND 378 uă/L ND n/a Nο ND ND No Nο ND 0.80 NΠ 378 1,3-Dichlorobenzene Used as a fumigant and insecticide No ND 568 ND ND n/a ug/L Νo No ND 378 ND ND Used as a fumigant and insecticide n/a ug/L No ND ND ND 568 No ND ND ND No ND 378 Dichlorodifluoromethane Refrigerant, aerosol propellant 568 n/a uā/L No ND 1.29 ND No No ND ND ND 378 1,1-Dichloroethane 1,2-Dichloroethane Degreaser, gasoline, manufacturing n/a ug/L No 568 Νo ND ND No ND 378 ND From industrial chemical factories n/a ug/L No NΠ ND ND 568 No ND ND ND 22 No ND 378 1,1-Dichloroethene 1,2-Dichloropropan Ethyl Benzene From industrial chemical factories 568 ua/L ND 0.89 ND n/a No No No ND 1.82 ND 378 2-Dichloropropane From industrial chemical factories 0 ND ND ND ND 22 ug/L No 568 No No ND 0.50 ND 378 22 From paint on inside of water storage tank n/a ug/L No ND 0.23 ND 568 No ND ND ND No ND 378 ND 4-Methyl-2-Pentanone From manufacturing facilities 50 ND 568 ug/L ND n/a No ND No No ND ND ND 378 Methyl-Tert-Butyl Ether Gasoline ND ND ND ND 22 n/a ug/L No 568 No ND 378 ND From paint on inside of water storage tank 22 o-Xvlene n/a uă/L Nο ND 1.22 ND 568 No ND 0.73 ND No ND NΠ 378 p,m-Xylene Tetrachloroethene 1,2,4-Trichloroethane Trichloroethene Trichloroethene Trichlorofluoromethane ug/L From paint on inside of water storage tank ND 0.88 568 n/a No ND Nο No ND ND ND 378 ND ND Factories, dry cleaners, spills 0 uğ/L No ND 568 ND ND 22 No ND 0.5 ND 378 22 Discharge from textile-finishing factories n/a ug/L ug/L Nο ND ND ND 568 No ND ND No ND ND ND 378 Metal degreasing sites, factories n/a ND 568 No ND No No ND 1.61 ND 378 ND ND Metal degreasing sites, factories 0 0.85 ND 568 ND ND 22 ND No 22 ND ND Dry cleaning, propellant, fire extinguishers n/a ug/L No ND ND ND 568 No No ND 0.48 ND 378 1,2,3-Trichloropropane Degreasing agent, manuacuum 1,1,2-Trichlorotrifluoroethane Solvent in paints and varnishes 22 22 Degreasing agent, manufacturing n/a ug/L ND ND 568 ND No 378 No No ND ND 1.29 5 568

	WATER (QUA	LITY	BY I	DISTR	IBUTI	ON A	ARE	A					
Naturally Occuring Con	mpounds as well as Contaminants				Distribution	n Area 20		Distribu	tion Are	ea 23	Dist	ribution	Area 26	
Detected Compound	Likely Source	MCL N	ICLG Unit of Measur	Violation Yes/No	n Low Hig			n Low			Violation Lo Yes/No Va		Avg.	No. of Tests
Inorganics														
Alkalinity to pH 4.5 mg CaCO3/L		n/a	n/a mg/L	No 1		36.8 82	No_			45.9 122		126.0	53.7	27
Aluminum Ammonia, free	Naturally occurring Some fertilizers, septic systems	n/a n/a	n/a mg/L n/a mg/L		ND 0.15 ND ND	0.03 138 ND 104	No No_			0.03 147 ND 145	No ND No ND	0.10 ND	0.03 ND	29 30
Arsenic Barium	Erosion of natural deposits Erosion of natural deposits	10	0 ug/L 2 mg/L	No 1	ND 2.2	ND 138 ND 138	No_	ND	ND	ND 147 0.03 147	No ND	ND	ND	29
Boron	Naturally occurring '	n/a	n/a mg/L	No 1	ND 0.61	ND 247	No_	ND	ND	ND 191	No ND No ND	0.10 ND		29 131
Bromide Cadmium	Naturally occurring Natural deposits, galvanized pipe	n/a 5	n/a ug/L 5 ug/L		ND 86.9 ND ND	ND 92 ND 138	No_			ND 142 ND 147	No ND No ND	144.0 ND	68.4 ND	32 29
Calcium Chloride	Naturally occurring, pH control Naturally occurring, salt water intrusion, road sa	n/a lt 250	n/a mg/L n/a mg/L	No	ND 21.5 5.6 47.9	10.7 247 12.5 95	No_	4.6	15.3	20.6 191 34.3 264	No 5.1	49.1	19.5	131
Chromium, total	Natural deposits	100	100 ug/L	No_I	ND 0.9	ND 138	No_	ND -	4.2	ND 147	No 22.5 No ND	0.7	44.8 ND	28 29
CO2, calculated Cobalt-59	Naturally occurring Naturally occurring	n/a n/a	n/a mg/L n/a ug/L		0.2 16.2 ND 0.6	3.4 82 ND 138	No_ No_			5.0 122 0.5 147	No 0.9 No ND	15.5 1.2	4.2 ND	28 29
Color, Apparent	Naturally occurring metals or minerals Household plumbing	15 AL=1.3	n/a Color Unit	Yes I		ND 82 ND 138	No_	ND	12	ND 121 ND 147	No ND	12	ND	27
Copper Fluoride	Erosion of natural deposits	2.2	n/a mg/L	No I	VD 0.5	ND 95	No_	ND	ND	ND 265	No ND No ND	ND	ND ND	29 28
Hardness, total Hexavalent Chromium	Measure of the calcium and magnesium Erosion of natural deposits	n/a n/a	n/a mg/L n/a ug/L		2.3 68.4 ND 0.87	33.4 247 0.19 84	No_			69.8 191 0.35 119	No 26.0 No ND	0.44 0.44	74.6 0.20	131 28
Iron Lead	Naturally occurring Household plumbing, lead solder	300 AL=15	n/a ug/L 0 ug/L	Yes No	ND 851	267 247 ND 138	Yes_ No_	ND 4	415	96 191 ND 147	Yes ND	857		131
Lithium	Naturally occurring	n/a	n/a ug/L	No J	ND 7.5	3.1 138	_No_	ND	5.0	1.1 147	No ND	ND 2.3	1.1	29 29
Magnesium Manganese	Naturally occurring Naturally occurring	n/a 300	n/a mg/L n/a ug/L		0.46 4.50 ND 71	1.60 247 13 247	No_ No_			4.44 191 17 191	No 3.05 No ND	11.40 146		131 131
Molybdenum	Naturally occurring	n/a 100	n/a uğ/L	No J	ND ND	ND 138	No	ND	ND	ND 147 0.6 147	No ND	ND	ND	29
Nickel Nitrate	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	10	n/a ug/L 10 mg/L	No I	ND 2.6 ND 3.00	ND 138 0.31 95	No	ND 8	3.39	3.73 265	No ND No 0.05		0.6 1.84	29 28
Nitrite Perchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	1 15	1 mg/L 5 ug/L		ND ND ND 1.99	ND 95 0.19 93	No No_			ND 265 0.24 137	No ND	ND	ND 0.21	28 30
pH	Measure of water acidity or alkalinity	n/a	n/a pH Ŭnit	No (3.3 8.7	7.4 143	No_	6.2	8.6	7.3 185	No 6.8	8.1	7.4	29
pH, field Phosphate, total	Measure of water acidity or alkalinity Added to keep iron in solution	n/a n/a	n/a pH Units		6.5 9.7 ND 3.11	7.4 1357 0.75 247	No _No_			7.4 1180 0.35 191	No 6.8 No 0.27	8.4 4.62		241 131
Potassium Silicon	Naturally occurring Naturally occurring	n/a n/a	n/a mg/L n/a mg/L	No (0.24 4.95 3.4 8.3	0.73 247 5.8 138	No_			1.19 191 7.5 147	No 0.85 No 7.9	1.95		131 29
Sodium	Naturally occurring	n/a	n/a mg/L	No :	3.9 59.0	8.4 247	No_	7.2 5	52.3	16.1 191	No 15.0	37.9	25.8	131
Specific Conductance Strontium-88	Total of naturally occurring minerals Naturally occurring	n/a n/a	n/a umho/cn n/a mg/L		70 309 ND 0.080	130 82 0.038 138	<u>No</u> _ No_			230 122 .068 147	No 147 No 0.03	408 9 0.125	289 0.079	27 29
Sulfate	Naturally occurring	250 0.50	n/a mg/L	_No_I	ND 29.3	7.4 95	No_	3.6 5	6.4	21.5 267 ND 123	_No_7.7	23.8	11.5	28
Surfactants, anionic Tin	Washwater from septic systems Solder used in plumbing	n/a	n/a mg/L n/a ug/L	NoI	ND ND	ND 138	No _No	ND	ND	ND 147	No ND No ND	ND ND	ND ND	23 29
_Titanium _Total Organic Carbon (TOC)	Naturally occurring Naturally occurring	n/a n/a	n/a ug/L n/a mg/L		ND 5.5 ND ND	ND 247 ND 12	No _No			ND 191 ND 10	No ND No ND	5.8 0.7	ND '	131 6
Turbidity Vanadium	Silts and clays in aquifer Naturally occurring	5 n/a	n/a NTU n/a ug/L	No I	ND 1.5 ND ND	ND 82 ND 138	No_		2.1 (0.46 122 ND 147	No ND	3.8	1.1 ND	27 29
Zinc	Naturally occurring, plumbing	5	n/a mg/L		ND 0.02	ND 138	No_			ND 147	No ND No ND	ND ND	ND	29
Synthetic Orga	nic Compounds including	Pes	ticides a	and H	erbicid	es (August 2	26, 2020	NYS ado	pts an N	ICL of 1 ppl	b for 1,4 Dic	xane, see	page 12	2)
Alachlor ESA	Degradation product of Alachlor	50	n/a ug/L	No I	ND ND	ND 87	No	ND	ND	ND 143	No ND	ND	ND	30
Alachlor OA Aldicarb Sulfone	Degradation product of Alachlor Pesticide used on row crops	50	n/a ug/L 1 ug/L	No_I	ND ND	ND 87	No_	ND	ND	ND 143 ND 157	No ND	ND	ND	30
Aldicarb Sulfoxide	Pesticide used on row crops	4	1 ug/L	No_I	ND ND	ND 85	No _No	ND ().50	ND 157	No ND	ND ND	ND ND	30 30
Chlordane, Total Diethyltoluamide (DEET)	Residue of banned termiticide Insect Repellent	50	n/a ug/L n/a ug/L		ND ND ND ND	ND 85 ND 85	No_ No_			ND 130 ND 145	No ND	ND ND	ND ND	30 28
1,4-Dioxane	Used in manufacturing processes Used as a herbicide	*1 50	n/a ug/L n/a ug/L	No I	ND 0.14 ND ND	ND 93 ND 85	No_ No_			ND 143 ND 145	No ND	0.45 ND	ND	36
Metalaxyl	Used as a fungicide	50	n/a uğ/L	No I	ND ND	ND 85	No_	ND	ND	ND 145	No ND	ND	ND ND	28 28
Metaolachlor Metolachlor ESA	Used as a soil herbicide Degradation product of Metolachlor	50 50	n/a ug/L n/a ug/L		ND ND ND ND	ND 85 ND 87	No _No_			ND 145 ND 143	No ND No ND	ND ND	ND ND	28 30
Metolachlor OA Tetrachloroterephthalic Acid	Degradation product of Metolachlor	50 50	n/a ug/L n/a ug/L	No I	ND ND	ND 87 ND 87	No_	ND ().78	ND 143 ND 136	No ND	ND ND	ND ND	30 30
Volatile Organi		00	TIVA GG/E	140	ND ND	IVD 07	140	142 2	10	100	NO NO	ND	ND	30
Chlorobenzene	From industrial chemical factories	5	n/a ug/L	No	ND 0.47	ND 148	_No_	ND	ND	ND 205	No ND	ND	ND	53
Chlorodifluoromethane	Used as a refrigerant	5	n/a uğ/L	Nol	ND ND	ND 148	No_	ND 1	3.80	ND 205	No ND	0.83	ND	53
Cis-1,2-Dichloroethene 1,3-Dichlorobenzene	From industrial chemical factories Used as a fumigant and insecticide	5 5	n/a ug/L n/a ug/L	No I	ND ND ND 0.27	ND 148 ND 148	No_ No_	ND	ND	ND 205 ND 205	No ND No ND	ND ND	ND ND	53 53
1,4-Dichlorobenzene	Used as a fumigant and insecticide Refrigerant, aerosol propellant	5	n/a ug/L n/a ug/L	NoI	ND 0.48 ND ND	ND 148 ND 148	No_	ND	ND	ND 205 ND 205 ND 205	No ND	ND 0.44	ND ND	53
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a ug/L	NoI	ND 0.31	ND 148	No_	ND	ND	ND 205	No ND	ND	ND	53 53
1,2-Dichloroethane 1,1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a ug/L n/a ug/L	No I	ND ND ND ND	ND 148 ND 148	No_ No_	ND	ND	ND 205 ND 205	No ND	ND ND	ND ND	53 53
1,2-Dichloropropane Ethyl Benzene	From industrial chemical factories From paint on inside of water storage tan	5	0 ug/L n/a ug/L	NoI	ND ND ND 0.15	ND 148 ND 148	No_	ND	ND	ND 205 ND 205	No ND	ND ND	ND ND	53 53
4-Methyl-2-Pentanone	From manufacturing facilities	50	n/a ug/L	No I	ND ND	ND 148	No_	ND	ND	ND 205	No ND	ND	ND	53
Methyl-Tert-Butyl Ether o-Xylene	Gasoline From paint on inside of water storage tank	10 k 5	n/a ug/L n/a ug/L		ND ND ND 0.17	ND 148 ND 148	No _No_			ND 205 ND 205	No ND No ND	0.31 ND	ND ND	53 53
p,m-Xylene Tetrachloroethene	From paint on inside of water storage tan Factories, dry cleaners, spills		n/a ug/L 0 ug/L	No I	ND 0.65 ND 0.27	ND 148 ND 148	No_	ND	ND	ND 205 ND 205	No ND	ND 0.73	ND ND	53 53
1,2,4-Trichlorobenzene	Discharge from textile-finishing factories	s 5	_n/a ug/L	_No	ND 0.40	ND 148	No_	ND	ND	ND 205	No ND	ND	ND	53
1,1,1-Trichloroethane Trichloroethene	Metal degreasing sites, factories Metal degreasing sites, factories	5 5	n/a ug/L 0 ug/L	No No	ND ND ND ND	ND 148 ND 148	No_ No_	ND	ND	ND 205 ND 206	No ND No ND	ND ND	ND ND	53 53
Trichlorofluoromethane 1,2,3-Trichloropropane	Dry cleaning,propellant,fire extinguishers Degreasing agent, manufacturing	5 5	n/a ug/L n/a ug/L	_No_	ND ND ND ND	ND 148 ND 148	No_ No_	ND	ND		No ND	ND ND	ND ND	53 53
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a ug/L	No	ND ND	ND 148	No_			ND 205	No ND	ND	ND	53

Naturally Occuring Con	WATER (QUA	LI	IYL	BY DISTRIBUTI Distribution Area 30	Distribution Area 32	Distribution Area 34
Detected Compound	Likely Source	MCL M		Unit of Measure	Range of Readings	Range of Readings Violation Low High Avg. No. of	Range of Readings Violation Low High Avg. No. of
Inorganics					Tesmo value value value lest	value value value lests	resito value value value lests
Alkalinity to pH 4.5 mg CaCO3/L		n/a	n/a	mg/L	No ND 166.0 68.5 114	No 28.8 58.0 45.6 5	No 29.2 54.8 41.3 9
	Naturally occurring Some fertilizers, septic systems Erosion of natural deposits			mg/L mg/L	No ND 0.23 0.04 153 No ND ND ND 149	No ND 0.07 0.04 6 No ND ND ND 5	No ND 0.04 0.02 9 No ND ND ND 9
Arsenic Barium	Erosion of natural deposits Erosion of natural deposits	10	0 2	uġ/L ma/L	No ND ND ND 153 No ND 0.07 0.03 153	No ND ND ND 6 No 0.02 0.06 0.03 6	
Boron	Naturally occurring	n/a n/a	n/a	_mg/L_	No ND ND ND 171	No ND ND ND 6	No ND ND ND 9
Cadmium	Naturally occurring Natural deposits, galvanized pipe	5	n/a 5	ug/L ug/L	No ND ND ND 153	No ND ND ND 6	
Calcium Chloride	Naturally occurring, pH control Naturally occurring salt water intrusion, road sa	n/a alt 250	n/a n/a	mg/L mg/L	No 5.3 57.1 29.4 171 No 11.8 118.0 52.4 532	No 5.5 21.4 14.6 6 No 46.1 90.9 65.2 5	No 5.9 19.9 13.3 9 No 13.3 16.7 14.5 9
Chromium, total	Natural deposits Naturally occurring	100		uğ/L ma/L	No ND 1.3 ND 153 No 0.1 51.9 7.2 114	No ND 0.7 ND 6 No 2.1 10.2 5.1 5	No ND 0.5 ND 9
Cobalt-59	Naturally occurring	n/a	n/a	uğ/L_	No ND 0.6 ND 153	No ND ND ND 6	No ND ND ND 9
Color, Apparent Copper	Naturally occurring metals or minerals Household plumbing	15 AL=1.3	n/a 1.3	Color Units mg/L	No ND 5 ND 114 No ND 0.50 0.03 153	No ND ND ND 5 No ND ND ND 6	No ND ND ND 9 No ND 0.28 0.08 9
Fluoride	Erosion of natural deposits Measure of the calcium and magnesium	2.2 n/a	n/a n/a	mg/L mg/L	No ND ND ND 532 No 22.0 195.0 102.7 171	No ND ND ND 5 No 24.3 66.1 47.5 6	No ND ND ND 9
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	uğ/L	No ND 2.05 0.31 115	No ND 0.35 0.27 5	No ND 0.44 0.28 9
Lead	Naturally occurring Household plumbing, lead solder	300 AL=15	0	ug/L ug/L	No ND 180 33 171 No ND 2.1 ND 153	No ND 54 ND 6 No ND ND ND 6	No ND ND ND 9
Lithium	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	uğ/L mg/L	No ND 2.9 ND 153 No 2.16 12.90 7.09 171	No ND ND ND 6 No 2.36 3.07 2.67 6	No ND 1.1 ND 9
Manganese	Naturally occurring	300	n/a	uğ/L	No ND 157 24 171	No ND ND ND 6	No ND ND ND 9
Nickel	Naturally occurring Alloys, coatings manufacturing, batteries	n/a 100	n/a n/a	ug/L ug/L	No ND ND ND 153 No ND 1.6 ND 153	No ND ND ND 6 No ND 0.5 ND 6	No ND ND ND 9
Nitrate	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks	10	10	mg/L mg/L	No 0.12 9.11 4.86 531 No ND ND ND 532	No ND ND ND 5	No 0.26 1.08 0.59 9
Perchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	_uğ/L_	No ND 8.72 2.13 217	No ND 0.18 ND 5	No ND 0.25 ND 9
pH, field	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a n/a	n/a	pH Units pH Units	No 6.0 9.3 7.4 714	No 7.0 7.5 7.2 13 No 6.3 8.5 7.2 63	
	Added to keep iron in solution Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No ND 2.80 0.29 171 No 0.48 4.80 2.19 171	No ND ND ND 6 No 0.65 0.76 0.70 6	No ND ND ND 9 No 0.55 0.72 0.66 9
Silicon	Naturally occurring	n/a	n/a	_mg/L_	No 4.1 8.3 6.4 153	No 3.9 5.2 4.6 6	No 6.2 8.5 6.8 9
Specific Conductance	Naturally occurring Total of naturally occurring minerals	n/a n/a	n/a n/a	mg/L umho/cm		No 271 375 321 5	No 115 182 148 9
Strontium-88 Sulfate	Naturally occurring Naturally occurring	n/a 250	n/a n/a	mg/L ma/L	No 0.026 0.180 0.110 153 No 5.0 70.1 34.1 532	No 0.052 0.072 0.061 6 No 6.3 8.2 6.9 5	No 0.031 0.056 0.042 9 No 7.1 10.1 8.9 9
Surfactants, anionic	Washwater from septic systems	0.50	n/a	_mg/L_	No ND ND ND 138	No ND ND ND 3	No ND ND ND 7
Titanium	Solder used in plumbing Naturally occurring	n/a n/a	n/a n/a	ug/L ug/L	No ND ND ND 153 No ND 8.9 ND 171	No ND ND ND 6 No ND ND ND 6	No ND ND ND 9
Total Organic Carbon (TOC) Turbidity	Naturally occurring Silts and clays in aquifer	n/a 5	n/a n/a	mg/L NTU	No ND 0.5 ND 6 No ND 2.4 0.51 114	No ND ND ND 2 No ND 0.59 ND 5	
Vanadiúm	Naturally occurring	n/a	n/a	ug/L	No ND 1.4 ND 153	No ND ND ND 6	No ND 2.8 ND 9
Zinc	Naturally occurring, plumbing	5	n/a	_mg/L_	No ND 0.03 ND 153	No ND ND ND 6	No ND ND 9
Synthetic Organ	nic Compounds including	g Pes	tici	des a	nd Herbicides (August	26, 2020 NYS adopts an MCL of 1 pp	b for 1,4 Dioxane, see page 12)
		50	,	a.			
Alachlor ESA Alachlor OA	Degradation product of Alachlor Degradation product of Alachlor	50 50	n/a n/a	ug/L ug/L	No ND 1.27 ND 159 No ND 1.54 ND 159	No ND ND ND 5	No ND ND ND 9 No ND ND ND 9
Aldicarb Sulfone	Pesticide used on row crops Pesticide used on row crops	2 4	1	ug/L ug/L	No ND 0.79 ND 247 No ND 0.52 ND 247	No ND ND ND 5	No ND ND ND 9 No ND ND ND 9
Chlordane, Total	Residue of banned termiticide	2	n/a	uğ/L	No ND ND ND 124	No ND ND 5	No ND ND ND 9
1,4-Dioxane	Insect Repellent Used in manufacturing processes	50 *1	n/a n/a	ug/L ug/L	No ND 0.11 ND 134	No ND ND 5	No ND ND ND 9 No ND ND ND 9
Hexazinone Metalaxyl	Used as a herbicide Used as a fungicide	50 50	n/a n/a	ug/L ug/L	No ND 0.80 ND 147 No ND 0.70 ND 147	No ND ND ND 5	No ND ND ND 9 No ND ND ND 9
Metaolachlor	Used as a soil herbicide	50 50	n/a	ug/L	No ND 0.23 ND 147	No ND ND ND 5	No ND ND ND 9
Metolachlor ESA Metolachlor OA	Degradation product of Metolachlor Degradation product of Metolachlor	50	n/a n/a	ug/L ug/L	No ND 3.10 ND 159	No ND ND ND 5	No ND ND ND 9 No ND ND ND 9
Tetrachloroterephthalic Acid		50	n/a	ug/L	No ND 9.98 1.52 180	No ND ND ND 5	No ND ND ND 9
Volatile Organic	Compounds						
Chlorobenzene	From industrial chemical factories	5	n/a	ug/L	No ND ND ND 203	No ND ND ND 6	
Chlorodifluoromethane Cis-1,2-Dichloroethene	Used as a refrigerant From industrial chemical factories	5 5	n/a n/a	ug/L ug/L	No ND ND ND 203 No ND ND ND 203	No ND ND ND 6	No ND ND ND 10
1,3-Dichlorobenzene	Used as a fumigant and insecticide Used as a fumigant and insecticide	5 5	n/a n/a	ug/L ug/L	No ND ND ND 203	No ND ND ND 6	No ND ND ND 10
Dichlorodifluoromethane	Refrigerant, aerosol propellant	5	n/a	ug/L	No ND ND ND 203	No ND ND ND 6	No ND ND ND 10
1,1-Dichloroethane 1,2-Dichloroethane	Degreaser, gasoline, manufacturing From industrial chemical factories	5 5	n/a n/a	ug/L ug/L	No ND ND ND 203 No ND ND ND 203	No ND ND ND 6	No ND ND ND 10 No ND ND ND 10
1.1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a 0	ug/L ug/L	No ND ND ND 203 No ND 0.35 ND 203	No ND ND ND 6	No ND ND ND 10
1.2-Dichlerenrenane	From paint on inside of water storage tar	nk 5	n/a	uğ/L	No ND ND ND 203	No ND ND ND 6	No ND ND ND 10
1,2-Dichloropropane Ethyl Benzene		50	n/a	ug/L	No ND ND ND 203 No ND 0.78 ND 203	No ND ND ND 6	
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether	From manufacturing facilities Gasoline	10	n/a	uğ/L		No ND ND ND 6	
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether o-Xylene	From manufacturing facilities Gasoline From paint on inside of water storage tar	10 nk 5	n/a	ug/L	No ND ND ND 203	No ND ND ND 6	No ND ND ND 10
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether o-Xylene p.m-Xylene Tetrachloroethene	From manufacturing facilities Gasoline From paint on inside of water storage tar From paint on inside of water storage tar Factories, dry cleaners, spills	10 nk 5 nk 5	n/a n/a 0	ug/L ug/L ug/L	No ND ND ND 203 No ND ND ND 203 No ND ND ND 203	No ND ND ND 6 No ND ND ND 6 No ND ND ND 6	No ND ND 10 No ND ND ND 10 No ND ND ND 10
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether o-Xylene p.m-Xylene Tetrachloroethene 1,2,4-Trichlorobenzene 1,1.1-Trichloroethane	From manufacturing facilities Gasoline From paint on inside of water storage tar From paint on inside of water storage tar Factories, dry cleaners, spills Discharge from textile-finishing factories Metal degreasing sites, factories	10 nk 5 nk 5 s 5	n/a n/a 0 n/a n/a	ug/L ug/L ug/L ug/L ug/L	No ND ND ND 203 No ND ND ND ND 203 No ND ND ND 203	No. ND ND ND 6	No ND ND ND 10
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether o-Xylene p,m-Xylene Tetrachloroethene 1,2,4-Trichloroethane Trichloroethene	From manufacturing facilities Gasoline From paint on inside of water storage tar From paint on inside of water storage tar Factories, dry cleaners, spills Discharge from textile-finishing factorie Metal degreasing sites, factories Metal degreasing sites, factories	10 nk 5 nk 5 5 es 5	n/a n/a 0 n/a n/a 0	ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND 203 NO ND ND ND 203 NO ND ND 203 NO ND ND 203 NO ND ND ND 203 NO ND ND ND ND 203 NO ND ND ND 203 NO ND ND ND 203	No	No ND ND ND 10
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether o-Xylene p.m-Xylene Tetrachloroethene 1,2,4-Trichloroethane Trichloroethene Trichloroefthene	From manufacturing facilities Gasoline From paint on inside of water storage tar From paint on inside of water storage tar Factories, dry cleaners, spills Discharge from textile-finishing factories Metal degreasing sites, factories	10 nk 5 nk 5 5 es 5	n/a n/a 0 n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND 203 No ND ND ND ND 203 No ND ND ND 203	No ND ND ND 6 No ND ND ND 6	No ND ND 10 No ND ND ND 10

	WATER (QUA	LI'	TY I	BY I	ISTR	IBUTI	ON.	ARI	EA					
Naturally Occuring Con	mpounds as well as Contaminants					Distribution	Area 35		Distrib	ution Are	ea 44	Dist	ribution	Area 53	
Detected Compound	Likely Source	MCL N		Unit of Measure	Violation	Range of		of Violatio	Ran on Low	ge of Rea		Violation Lo	Range of F		No. of
				INICASUI C	Yes/No					Value V		Yes/No Val			Tests
Inorganics															
Allediaite to all 4.5 and 0.000"	Naturally occurring	n/o	n/a	ma/l	No. C	3.0 106.0	76.0 40	Nia	35.4	48.6 4	0.9 6	No. NO.	40.0	20.0	20
Alkalinity to pH 4.5 mg CaCO3/L Aluminum	Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No 6	ND ND	76.0 10 ND 10	No.	ND	0.03	ND 6	No ND No 0.04	0.73	0.31 3	23 30
Ammonia, free Arsenic	Some fertilizers, septic systems Erosion of natural deposits	n/a 10	n/a 0	mg/L ug/L	No N	ND ND	ND 10 ND 10	No -	ND ND	ND N	ND 6	No ND No ND	ND	ND 3	23 30
Barium Boron	Erosion of natural deposits Naturally occurring	2 n/a	n/a	mg/L mg/L	No N	ND 0.02 ND ND	ND 10 ND 10	No No	ND ND		ND 6	No ND No ND	ND ND		30 39
Bromide Cadmium	Naturally occurring Natural deposits, galvanized pipe	n/a 5	n/a 5	ug/L ug/L	No 1	ND 92.9 ND ND	62.9 10 ND 10	No No	ND ND		ND 6	No ND	ND ND	ND 3	32
Calcium	Naturally occurring, pH control	n/a	n/a	_mg/L_	No 2	24.6 31.7	28.4 10	No.	13.1	23.5 1	6.5 6 7.9 6	No ND	1.3	0.6 6	<u> </u>
Chromium, total	Naturally occurring, salt water intrusion, road sa Natural deposits	100	n/a 100	mg/L ug/L	No 1	ND 27.7 ND 1.7	5.2 27 ND 10	No.	14.8 ND	ND N	ND 6	No 4.6 No ND	8.8 1.0	ND 3	23 30
CO2, calculated Cobalt-59	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ug/L	No 1	2.9 17.0 ND ND	8.4 10 ND 10	No No	1.4 ND	ND N	I.1 6 ND 6	No 1.5 No ND	14.3 ND		23 30
Color, Apparent Copper	Naturally occurring metals or minerals Household plumbing	15 AL=1.3	n/a 1.3	Color Units mg/L		ND ND ND 0.07	ND 10 0.02 10	No No	ND ND		ND 6	No ND	12 0.10		23 30
Fluoride Hardness, total	Erosion of natural deposits Measure of the calcium and magnesium	2.2 n/a	n/a n/a	mg/L mg/L	No 1	ND ND 96.8 131.0	ND 27 115.5 10	No No	ND 46.3		ND 6 8.0 6	No ND	ND 4.3	ND 2	23 69
Hexavalent Chromium	Erosion of natural deposits	n/a	n/a	uğ/L	No 1	ND 0.47	0.16 10	No.	0.11	0.41 0	.28 6	No ND	0.37	0.09 2	23
Iron Lead	Naturally occurring Household plumbing, lead solder	300 AL=15	n/a 0	ug/L ug/L	No 1	ND ND	ND 10 ND 10	No.	ND ND	ND N	ND 6	Yes 154 No ND	ND	ND 3	30 30
Lithium Magnesium	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	ug/L mg/L	No 8	ND 9.2 3.58 12.70	3.1 10 10.82 10	No-	ND 3.28	5.73 4	.09 6	No 4.3 No ND	10.5 0.45	ND 6	30 59
Manganese Molybdenum	Naturally occurring Naturally occurring	300 n/a	n/a n/a	ug/L ug/L		ND 10 ND ND	ND 10 ND 10	No.	ND ND		12 6 ND 6	No ND	10 ND		69 30
Nickel Nitrate	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	100 10	n/a 10	ug/L mg/L	No 1	ND 0.8 1.05 5.99	ND 10 2.41 27	No No	ND 0.61		ND 6 .84 6	No ND	8.0	ND 3	30
Nitrite Perchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	1 15	1 5	mg/L ug/L	No 1	ND 0.004 ND 1.50	ND 27 0.19 28	No.	ND ND	ND N	ND 6	No ND	ND ND	ND 2	23
pН	Measure of water acidity or alkalinity	n/a	n/a	pH Ŭnits	No 6	5.9 7.8	7.2 19	No.	6.9	7.9 7	7.4 6	No 6.5	7.8	7.2 2	26
pH, field Phosphate, total	Measure of water acidity or alkalinity Added to keep iron in solution	n/a n/a	n/a n/a	pH Units mg/L	No 1	8.9 8.0 ND ND	7.2 70 ND 10	No No	6.6 ND	ND N	7.5 58 ND 6	No 6.0 No ND		0.23 6	79 69
Potassium Silicon	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L		1.13 1.75 7.8 9.1	1.39 10 8.5 10	No No	0.66 6.5		.71 6 7.8 6	No 1.47 No 4.3	4.01 5.6		39 30
Sodium Specific Conductance	Naturally occurring Total of naturally occurring minerals	n/a n/a	n/a n/a	mg/L umho/cm		26.4 48.0 353 516	35.2 10 424 10	No_ No_	9.8 150		1.0 6 86 6	No 8.2 No 66	22.9 124		39 23
Strontium-88 Sulfate	Naturally occurring Naturally occurring	n/a 250	n/a n/a	mg/L mg/L	No (0.104 0.140 ND 44.5		No.		0.087 0	.059 6 8.6 6	No ND No 4.3	ND 5.3	ND 3	30
Surfactants, anionic	Washwater from septic systems	0.50	n/a	mg/L	No_1	ND ND	ND 8	Yes_	ND	ND N	ND 4	No ND	ND	ND 1	15
Tin Titanium	Solder used in plumbing Naturally occurring	n/a n/a	n/a n/a	ug/L ug/L	No 1	ND ND ND ND	ND 10 ND 10	No -	ND ND	ND N	ND 6	No ND No ND	ND 51.3		30 39
Total Organic Carbon (TOC) Turbidity	Naturally occurring Silts and clays in aquifer	n/a 5	n/a n/a	mg/L NTU		ND ND ND 0.41	ND 2 ND 10	No - No -	ND ND		ND 2 ND 6	No ND No 0.75	0.7 5.0		8 23
Vanadium Zinc	Naturally occurring Naturally occurring, plumbing	n/a 5	n/a n/a	ug/L mg/L		ND ND ND 0.03	ND 10 ND 10	No No	ND ND		I.5 6 ND 6	No ND No ND	ND 0.15		30 30
	7 371 3														
Synthetic Orga	nic Compounds including	Pes	tici	des a	nd H	erbicid	es (August	26, 2020	NYS ad	opts an N	ICL of 1 pp	b for 1,4 Dio	xane, see	page 12)	
															П
Alachlor ESA Alachlor OA	Degradation product of Alachlor	50 50	n/a n/a	ug/L ug/L	No I	ND ND	ND 16 ND 16	No No	ND ND	ND N	ND 6	No ND	ND ND		26
Aldicarb Sulfone	Degradation product of Alachlor Pesticide used on row crops	2	1	ug/L	No_1	ND ND	ND 11	No.	ND_	ND N	ND 6	No ND	ND	ND 2	26 26
Aldicarb Sulfoxide Chlordane, Total	Pesticide used on row crops Residue of banned termiticide	4 2	1 n/a	ug/L ug/L	No 1	ND ND ND ND	ND 11 ND 11	No -	ND ND	ND N	ND 6	No ND No ND	ND	ND 2	26 26
Diethyltoluamide (DEET) 1,4-Dioxane	Insect Repellent Used in manufacturing processes	50 *1	n/a n/a	ug/L ug/L	No I	ND ND ND ND	ND 16 ND 11	No - No -	ND ND		ND 6	No ND No ND			26 23
Hexazinone Metalaxyl	Used as a herbicide Used as a fungicide	50 50	n/a n/a	ug/L ug/L		ND ND	ND 16 ND 16	No No	ND ND		ND 6	No ND	ND	ND 2	26 26
Metaolachlor Metolachlor ESA	Used as a soil herbicide Degradation product of Metolachlor	50 50	n/a n/a	ug/L ug/L	No_1	ND ND	ND 16 ND 16	No No	ND ND	ND N	ND 6	No ND	ND	ND 2	26 26
Metolachlor OA Tetrachloroterephthalic Acid	Degradation product of Metolachlor	50 50	n/a n/a	uğ/L	No 1	ND ND	ND 16	No.	ND ND	ND N	ND 6 ND 6	No ND	ND	ND 2	26
тепаснюющегерппанс Аск	Oseu as a Helbicide	50	ıı/a	ug/L	INO	13./U	2.01 39		UND	יו טאו	ט טי	No ND	ND	ND 2	26
Volatile Organi	c Compounds														
Chlorobenzene Chlorodifluoromethane	From industrial chemical factories Used as a refrigerant	5 5	n/a n/a	ug/L ug/L	No 1	ND ND	ND 38 ND 38	No No	ND ND	ND N	ND 10 ND 10	No ND No ND			31 31
	From industrial chemical factories Used as a fumigant and insecticide	5 5	n/a n/a	ug/L ug/L	No 1	ND ND	ND 38 ND 38	No.	ND ND	ND N	ND 10 ND 10	No ND	ND	ND 3	31
1.4-Dichlorobenzene	Used as a fumigant and insecticide Refrigerant, aerosol propellant	5	n/a n/a	ug/L ug/L	No 1	ND ND	ND 38 ND 38	No.	ND ND	ND N	ND 10 ND 10	No ND	ND	ND 3	31
1,1-Dichloroethane	Degreaser, gasoline, manufacturing	5	n/a	ug/L	No_1	ND ND	ND 38	No.	ND	ND N	ND 10	No ND	ND	ND 3	31 31
1,2-Dichloroethane 1,1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a n/a	ug/L ug/L	No 1	ND ND	ND 38 ND 38	No No	ND ND	ND N	ND 10 ND 10	No ND No ND	ND	ND 3	31 31
1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone	From industrial chemical factories From paint on inside of water storage tan	5 k 5	0 n/a	ug/L ug/L	O/_	ND ND	ND 38 ND 38 ND 38	No - No -	ND ND	ND N	ND 10 ND 10	No ND No ND	ND	ND 3	31 31
4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether	From manufacturing facilities Gasoline	50 10	n/a n/a	ug/L ug/L	No_1	ND ND	ND 38 ND 38	No No	ND ND		ND 10 ND 10	No ND	ND	ND 3	31 31
o-Xylene p,m-Xylene	From paint on inside of water storage tan From paint on inside of water storage tan	k 5	n/a n/a	ug/L ug/L		ND ND	ND 38 ND 38	No.	ND ND	ND N	ND 10 ND 10	No ND	ND	ND 3	31
Tetrachloroethene 1.2.4-Trichlorobenzene	Factories, dry cleaners, spills Discharge from textile-finishing factorie	5	0 n/a	ug/L	No_l	ND ND	ND 38	No.	ND ND	ND N	ND 10 ND 10	No ND	ND	ND 3	31
1,1,1-Trichloroethane	Metal degreasing sites, factories	5	n/a	ug/L ug/L	No_l	ND ND	ND 38	No.	ND	ND N	ND 10	No ND	ND	ND 3	31 31
Trichloroethene Trichlorofluoromethane	Metal degreasing sites, factories Dry cleaning,propellant,fire extinguishers	5 s 5	0 n/a	ug/L ug/L	No_l	ND ND ND ND	ND 38 ND 38	No No	ND ND	ND N	ND 10 ND 10	No ND No ND	ND	ND 3	31 31
1.2.3-Trichloropropane	Degreasing agent, manufacturing Solvent in paints and varnishes	5 5	n/a n/a	ug/L ug/L		ND ND ND ND	ND 38 ND 38	No.	ND ND		ND 10 ND 10	No ND	ND	ND 3	31 31

Naturally 8	WATER (QUA	LI	TYE	3Y I				ON A			57		D: -		. 0	4
Naturally Occuring Con	npounds as well as Contaminants Likely Source	MCL N	MCLG	Unit of Measure		Rang on Low		<u>ngs</u> g. No. of		n Low	ge of R	<u>eadings</u> Avg. No.		<u>R</u>	ange of		g <u>s</u> No. of
Inorganics					res/No	value	Value Val	ue lests	res/No	value	value	Value Te	its fes	ino vai	ue Vali	ie value	lests
Alkalinity to pH 4.5 mg CaCO3/L Aluminum Ammonia, free Arsenic	Naturally occurring Naturally occurring Some fertilizers, septic systems Erosion of natural deposits	n/a n/a n/a 10	n/a n/a n/a 0	mg/L mg/L mg/L ug/L	No No	21.2 43 ND 0.7 ND N ND N	77 0.3° D ND		No _No _No	32.2 ND ND ND	68.0 0.03 ND ND	48.6 ND ND ND	6 No 6 No 6 No 6 No	ND ND	129.0 ND ND ND	83.8 ND ND ND	8 14 12 14
Barium Boron Bromide Cadmium	Erosion of natural deposits Naturally occurring Naturally occurring Naturally occurring, phatural deposits, galvanized pipe Naturally occurring, pH control	n/a n/a n/a 5 n/a	2 n/a n/a 5 n/a	mg/L mg/L ug/L ug/L mg/L	No No No	ND N	D ND 13 ND .6 ND D ND	38 73 65 38 73	No - No - No - No - No -	ND ND ND ND ND	0.04 ND 84.6 ND 22.9	ND ND ND ND ND 15.4	6 No 6 No 6 No 6 No 6 No	ND ND 50.9 ND	ND ND 270.0 ND 10.4	ND ND	14 26 9 14 26
Chloride Chromium, total	Naturally occurring salt water intrusion, road sal Natural deposits Naturally occurring Naturally occurring Naturally occurring metals or minerals	lt 250	n/a 100 n/a n/a n/a	mg/L ug/L mg/L ug/L Color Units	No No No	4.3 8. ND 0. 0.3 8. ND NI	0 5.2 7 ND 7 3.6 D ND	32 38 32 38 38 32	No - No - No - No - No -	24.7 ND 0.3 ND	33.9 0.6 16.7 ND	30.7 ND 4.8 ND ND	6 No 6 No	30.9 ND 3.5 ND	87.1 1.2 14.3 ND ND	66.6 0.8 7.3 ND	8 14 8 14 8
Copper Fluoride Hardness, total	Household plumbing Erosion of natural deposits Measure of the calcium and magnesium Erosion of natural deposits Naturally occurring	AL=1.3 2.2 n/a n/a 300	1.3 n/a n/a n/a	mg/L mg/L mg/L ug/L ug/L	No No No		04 ND 2 ND 2 ND 55 0.10	38 32 73 32 73	No - No - No - No - No -	ND ND 41.1 0.28 ND	0.09 ND 75.4 0.53	0.03 ND 56.6 0.38 ND	6 No 6 No 6 No 6 No	ND ND 28.3	0.04 ND 57.6 0.47	ND ND 40.8 0.35 35	14 8 26 8 26
.ead .ithium	Household plumbing, lead solder Naturally occurring Naturally occurring Naturally occurring Naturally occurring	AL=15 n/a n/a 300 n/a		ug/L ug/L mg/L ug/L ug/L	No No No	ND N 3.0 6. ND 1.0 ND 1	D ND 4 4.2 05 ND 5 ND	38 38 73 73 38	No - No - No - No - No -	ND ND 3.72 ND	ND 2.2 5.08 16 ND	ND 1.3 4.44 ND ND	6 No 6 No 6 No 6 No 6 No	ND ND 4.04 ND	ND ND	ND ND 5.53 ND ND	14 14 26 26 14
	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity	100 10 1 15 n/a	n/a 10 1 5 n/a	ug/L mg/L mg/L ug/L pH Units	No No No	ND 1. ND 0.0 ND N ND 0.7 6.8 8.	0 ND 02 ND D ND 13 ND	38 32 32 32 32 33	No - No - No - No - No -	ND 0.55 ND 0.11 6.8	ND 2.45 ND 0.35 8.5	ND 1.14 ND 0.18 7.6		ND 0.57 ND 0.16	0.6 3.33 ND 0.31 7.8	ND 1.79 ND 0.25 7.4	14 8 8 8 17
oH, field Phosphate, total Potassium Silicon	Measure of water acidity or alkalinity Added to keep iron in solution Naturally occurring Naturally occurring Naturally occurring	n/a n/a n/a n/a n/a	n/a n/a n/a n/a n/a	pH Units mg/L mg/L mg/L mg/L	No No No	6.5 9. ND 0.7 0.85 3.2 4.3 5. 10.7 43	0 7.3 75 0.29 26 1.52 5 4.9	142 73 73 38 73	No - No - No - No - No -	7.0 ND 0.79 7.4 15.5	8.8 ND 1.50 10.2 20.8		6 No	7.0 0.43 0.99 7.7	7.5 2.20 1.73 8.4	7.4 0.96 1.27 8.1 65.5	25 26 26 14 26
Specific Conductance	Total of naturally occurring minerals Naturally occurring Naturally occurring Washwater from septic systems Solder used in plumbing	n/a n/a 250 0.50 n/a	n/a n/a n/a	umho/cm mg/L mg/L mg/L ug/L	No No No	55 10 ND N 3.6 5. ND N	6 85 D ND 9 4.2 D ND	32 38 32 22 22 38	No - No - No - No - No -	177 0.046 8.3 ND ND	282 0.080 13.8 ND ND	229 0.063 9.3 ND ND	6 No 6 No 6 No 4 No 6 No	331 0.04 12.4 ND	560	416 37 0.063 14.3 ND 0.7	8
Titanium Total Organic Carbon (TOC) Turbidity /anadium Zinc	Naturally occurring	n/a n/a 5 n/a 5	n/a n/a n/a n/a	ug/L mg/L NTU ug/L mg/L	No No No	ND 25 ND 1. ND 3. ND 1.	.4 10.2 0 0.7 3 1.6 0 ND	73 10 32 38 38	No - No - No - No - No -	ND ND ND ND	ND ND 0.54 ND ND	ND ND ND ND ND	6 No 6 No 6 No 6 No	ND ND ND ND	ND 0.6 0.69 ND ND	ND ND ND ND ND	26 3 8 14 14
	nic Compounds including			, and the second						NYS ad	opts an	MCL of 1					
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops	50 50 2 4	n/a n/a 1	ug/L ug/L ug/L ug/L	No No	ND N ND N ND N	D ND	32 32 32 32	No _No _No	ND ND ND	ND ND ND	ND ND ND ND	6 No 6 No 6 No 6 No	ND ND ND	ND ND ND	ND ND ND	8 8 8
hlordane, Total hiethyltoluamide (DEET) ,4-Dioxane exazinone letalaxyl	Residue of banned termiticide	50 *1 50 50	n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L	No No No	ND N ND N ND N ND N	D ND D ND D ND D ND	32 32 31 32 32	No - No - No - No - No -	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	6 No 6 No 6 No 6 No	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	8 8 8 8
Metaolachlor Metolachlor ESA Metolachlor OA etrachloroterephthalic Acid	Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 50 50 50	n/a n/a n/a n/a	ug/L ug/L ug/L ug/L	No No	ND N ND N ND N	D ND D ND D ND	32 32 32 32 32	No No No	ND ND ND ND	ND ND ND ND	ND ND ND ND	6 No 6 No 6 No 6 No	ND ND ND ND	ND ND ND ND	ND ND ND ND	8 8 8 8
Volatile Organio		5	-/-	/	NI.	NID. NI	D. ND	0.7	N.	ND	ND	ND	10 N	. LID	ND	N.D.	10
3-Dichlorobenzene 4-Dichlorobenzene	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide	5 5 5 5	n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L	No No No	ND N ND N ND N ND N	D ND D ND D ND D ND	37 37 37 37 37	No - No - No - No -	ND ND ND ND	ND ND ND ND ND	ND ND ND ND	8 No 8 No 8 No 8 No 8 No	ND ND ND ND	ND ND ND ND	ND ND ND ND	16 16 16 16 16
,1-Dichloroethane 2-Dichloroethane 1-Dichloroethene 2-Dichloropropane	Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From industrial chemical factories	5 5 5 5	n/a n/a n/a n/a 0	ug/L ug/L ug/L ug/L ug/L	No No No	ND NI ND NI ND NI ND NI ND NI	D ND D ND D ND D ND	37 37 37 37 37	No No No No	ND ND ND ND	ND ND ND	ND ND ND ND	8 No 8 No 8 No 8 No 8 No	ND ND ND	ND ND ND ND	ND ND ND ND	16 16 16 16 16
-Xylene ,m-Xylene	From paint on inside of water storage tank From manufacturing facilities Gasoline From paint on inside of water storage tank From paint on inside of water storage tank	50 10 k 5 k 5	n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L	No No No	ND NI ND NI ND NI ND NI	O ND O ND O ND O ND	37 37 37 37 37	No - No - No - No -	ND ND ND ND	ND ND ND ND	ND ND ND ND ND	8 No 8 No 8 No 8 No 8 No	ND ND ND	ND ND ND ND	ND ND ND ND	16 16 16 16 16
,1,1-Trichloroethane richloroethene richlorofluoromethane	Factories, dry cleaners, spills Discharge from textile-finishing factories Metal degreasing sites, factories Metal degreasing sites, factories Dry cleaning,propellant,fire extinguishers	5 5 5	0 n/a n/a 0 n/a	ug/L ug/L ug/L ug/L ug/L	No No No	ND NI ND NI ND NI ND NI	D ND D ND D ND	37 37 37 37 37	No - No - No - No -	ND ND ND ND	ND ND ND ND	ND ND ND ND	8 No 8 No 8 No 8 No 8 No	ND ND ND	ND ND ND ND	ND ND ND ND	16 16 16 16 16
,2,3-Trichloropropane	Degreasing agent, manufacturing Solvent in paints and varnishes	5 5	n/a n/a	ug/L ug/L		ND NI ND NI		37 37	No No	ND ND	ND ND	ND ND	18 No 18 No	ND	ND ND	ND ND	16 16

	WATER (QU A	LI	TY F	3Y]	DIS'	TRI	BU	TIC	ON A	ARI	EA							
	npounds as well as Contaminants						tion Are			D			a RSWI		D		tion Ar		
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure		<u>Raı</u> on Low o Value		Avg.		Violatio Yes/No			Avg. N	lo. of Tests	Violatio Yes/No		_	Avg.	S No. of Tests
Inorganics																			
Alkalinity to pH 4.5 mg CaCO3/L		n/a	n/a	mg/L	No			26.3	6	_No_	29.0 ND	34.8	31.9	2		26.2		32.0	4_
Ammonia, free	Naturally occurring Some fertilizers, septic systems Erration of patural deposits	n/a n/a 10	n/a n/a 0	mg/L mg/L	No No	ND	ND I	ND ND	6 6 6	No No	ND ND	ND ND ND	ND ND ND	2 2	_No_	ND	ND	ND ND	4
Barium	Erosion of natural deposits Erosion of natural deposits	10 2 n/a	n/a	mg/L mg/L	No No No	ND	ND I	ND ND ND	6	No_ No_ No_	ND ND	ND ND	ND ND	2	No	ND	ND	ND ND	4
Bromide	Naturally occurring Naturally occurring Natural deposits, galvanized pipe	n/a 5	n/a	mg/L ug/L	No	ND	ND I	ND	14	No_	ND ND	ND ND		10	No No	ND	ND	ND ND	12
Calcium	Natural deposits, galvanized pipe Naturally occurring, pH control	n/a	n/a	ug/L mg/L	No No	ND	11.9	ND 5.8	6	No No	9.5 9.8	10.0 11.1	9.8 10.5	2	No No	8.5	18.4	ND 11.7	4
Chromium, total	Naturally occurring salt water intrusion, road sal Natural deposits Naturally occurring	100 n/a	n/a 100 n/a	mg/L ug/L mg/L	No No No		ND I	3.9 ND 3.6	6 6 6	No_ No_ No_	9.0 ND 1.4	0.5	ND 2.5	2	No	0.7	2.2	10.6 1.2	4 4 4
Cobalt-59	Naturally occurring	n/a 15	n/a n/a	ug/L		ND	1.0	0.5 ND	6	No No	ND ND	ND 7	ND ND	2	No_	ND	ND	4.4 ND	4 4
Copper	Naturally occurring metals or minerals Household plumbing Erosion of natural deposits	AL=1.3		Color Units mg/L	No	ND	ND I	ND ND	6	No _No	ND ND	ND ND	ND ND	2	_No_		0.02	ND ND	4
Hardness, total	Measure of the calcium and magnesium Erosion of natural deposits	n/a n/a	n/a n/a	mg/L mg/L ug/L	No No No	ND	32.9 1	6.2).11	6	No _No	32.5 0.36	35.8 0.41	34.2 0.39	2	_No	25.7	56.3	ND 36.0	4
Iron	Naturally occurring	300 AL=15	n/a	ug/L	No	ND	88 4	42	6	No_	ND ND	191 ND	103 ND	2	_No_	ND	163	1.08 57	4
Lithium	Household plumbing, lead solder Naturally occurring Naturally occurring	n/a n/a	n/a n/a	ug/L ug/L mg/L	No No No	ND	1.1	ND ND).47	6	No_ No_ No_	ND 2.12	ND ND 2.64	ND 2.38	2	No No No	ND	ND	ND ND 1.64	4 4 4
Manganese	Naturally occurring Naturally occurring Naturally occurring	300 n/a	n/a n/a	ug/L ug/L	No No	ND	ND I	ND ND	6	No _No	ND ND	ND ND	ND ND	2	No	ND	ND	ND ND	4 4 4
Nickel	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	100	n/a 10	ug/L ug/L mg/L		1.0		1.7	6	No _No	ND 0.04	ND 0.09	ND 0.07	2	No		ND	ND ND 1.58	4 4
Nitrite	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	15	1 5	mg/L ug/L	No	ND	ND N	ND 0.23	6	No _No	ND ND	ND 0.17	0.07 ND 0.11	2	No		ND	ND 0.28	4 4
pH	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a n/a	n/a n/a	pH Units pH Units	No		8.8	7.4	10 154	No No_	7.3 6.9	7.6 7.6	7.5	2 48	No	7.0	7.4	7.2	4 98
Phosphate, total	Added to keep iron in solution Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L		ND	0.21	ND 0.37	6	No _No	ND 0.50	ND 0.53	ND 0.52	2		ND	ND	7.2 ND 0.48	4
Silicon	Naturally occurring Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No	3.0	3.8	3.4 3.1	6	No No	6.1 6.4	7.7 7.1	6.9 6.8	2	No		6.4	5.8 7.1	4 4
Specific Conductance	Total of naturally occurring minerals Naturally occurring	n/a n/a	n/a n/a	umho/cm mg/L	No No	55		76	6	No _No	104 0.031	117 0.036	110	2	No	84		117	4 4
Sulfate	Naturally occurring Naturally occurring Washwater from septic systems	250 0.50	n/a	mg/L mg/L		ND	5.6 2	.014 2.8 ND	6	No _No	6.8 NA	7.2 NA	7.0 NA	2		2.8	4.5	3.4 NA	4 0
Tin	Solder used in plumbing Naturally occurring	n/a n/a	n/a n/a	ug/L ug/L	No		ND J	ND ND	6	No No	ND ND	ND ND	ND ND	2	No_	ND	ND	ND ND	4 4
Total Organic Carbon (TOC)		n/a 5	n/a n/a	mg/L NTU	No No	ND	ND J	ND ND	4 6	No No	ND ND	ND 0.50	ND ND	2	_No_	ND	ND	ND ND	4 4
	Naturally occurring Naturally occurring, plumbing	n/a 5	n/a n/a	ug/L mg/L	No No	ND	ND I	ND ND	6	No No	ND ND	ND ND	ND ND	2	_No_	ND	ND	ND ND	4 4
	, , , , , ,																		
Synthetic Orga	nic Compounds including	Pes	stici	des a	nd F	lerbi	icide	S (Au	gust 26	6, 2020	NYS ad	opts an	MCL of	1 ppt	o for 1,4	Dioxa	ne, see	page 1	2)
_Alachlor ESA	Degradation product of Alachlor	50	n/a	ug/l	No	ND	ND I	NID	6	No	ND	ND	ND	2	No	NID	NID	ND	1
Alachlor OA Aldicarb Sulfone	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops	50		uğ/L	No	ND	ND I	ND ND ND	6 6 6	_No_	ND ND	ND ND	ND ND	2		ND	ND	ND ND	4
Aldicarb Sulfoxide Chlordane, Total	Pesticide used on row crops Residue of banned termiticide	4 2		ug/L ug/L	No No	ND ND	ND I	ND ND ND	6	No_ No_ No_	ND ND	ND ND	ND ND	2	No	ND	ND	ND ND	4 4 4
Diethyltoluamide (DEET) 1.4-Dioxane		50	n/a n/a		No No No	ND	ND I	ND ND	6	No _No	ND ND	ND ND	ND ND	2	No	ND	ND	ND ND	4 4
Hexazinone Metalaxyl	Used as a herbicide Used as a fungicide	50 50	n/a n/a	ug/L		ND	ND I	ND ND	6	No No	ND ND	ND ND	ND ND	2	No	ND	ND).13 ND ND	4 4
Metalaxyi Metaolachlor Metolachlor ESA	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor	50 50	n/a	ug/L	No	ND ND	ND J	ND ND	6	No No	ND ND	ND ND	ND ND	2	No	ND	ND	ND ND	4 4
Metolachlor OA Tetrachloroterephthalic Acid	Degradation product of Metolachlor	50 50	n/a	ug/L	No No	ND	ND I	ND ND	6	No No	ND ND	ND ND	ND ND	2	No	ND	ND	ND	4 4
·		30	II/d	ug/L	INO	NO	ND	NU	U	INO	IND	IND	IND		No	ND	ND	ND	4_
Volatile Organic	Compounds																		
Chlorobenzene	From industrial chemical factories	5	n/a		No			ND	19	No_	ND	ND		10				ND	12
Chlorodifluoromethane Cis-1,2-Dichloroethene	Used as a refrigerant From industrial chemical factories	5 5	n/a n/a	ug/L	No No	ND	ND I	ND ND	19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12 12
1,3-Dichlorobenzene 1,4-Dichlorobenzene	Used as a fumigant and insecticide Used as a fumigant and insecticide	5	n/a n/a	ug/L	No No	ND	ND I	ND ND	19 19	No No	ND ND	ND ND	ND	10 10	_No_	ND	ND	ND ND	12
1,1-Dichloroethane	Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing	5 5	n/a n/a	ug/L	No No	ND	ND I	ND	19 19	No No	ND ND	ND ND	ND	10	No	ND (0.38	ND ND	12 12
1,2-Dichloroethane 1,1-Dichloroethene	From industrial chemical factories From industrial chemical factories	5 5	n/a n/a	ug/L	No No	ND	ND I	ND ND	19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12 12
1,2-Dichloropropane Ethyl Benzene	From industrial chemical factories From paint on inside of water storage tank		0 n/a	ug/L ug/L	No No	ND	ND I	ND	19 19	No No	ND ND	ND ND	ND	10 10	No	ND	ND	ND ND	12
4-Methyl-2-Pentanone Methyl-Tert-Butyl Ether		50 10	n/a	uğ/L	No No	ND	ND I		19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12
o-Xylene p,m-Xylene	From paint on inside of water storage tank From paint on inside of water storage tank	(5	n/a n/a	ug/L ug/L	No No	ND	ND I	ND ND	19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12
Tetrachloroethene 1,2,4-Trichlorobenzene	Factories, dry cleaners, spills Discharge from textile-finishing factories	5 5	0 n/a		No		ND I	ND	19 19	No No	ND ND	ND ND	ND	10 10	No	ND	ND	ND ND	12 12
1,1,1-Trichloroethane Trichloroethene	Metal degreasing sites, factories Metal degreasing sites, factories	5	n/a 0,	uğ/L		ND	1.55 0		19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12
Trichlorofluoromethane 1,2,3-Trichloropropane	Dry cleaning,propellant,fire extinguishers Degreasing agent, manufacturing	5	n/a n/a	ug/L ug/L		_ND	ND J	ND ND	19 19	No No	ND ND	ND ND	ND	10	No	ND	ND	ND ND	12 12
1,1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	⊥ n/a	ug/L	_No_	ND	ND I	ND	19	<u>No</u> _	ND	ND	ND	10	No	ND	ND	ND	_12