## Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring

					C	istribu	ution A	rea 1		C	Distrib	ution A	rea 4		<u> </u>	istrib	ution A	rea 5	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Range	e of Rea	dings			Rang	e of Rea	dings			Rang	e of Rea	dings	
			525	Measure	Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg. I	
					Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests
<b>Synthetic Organic Compo</b>	ounds including Per- and Polyfluoro	alkyl	Substa	ances - A	nalysis	Perfor	rmed b	y NY	S App	roved S	CWA	PFAAS	S Met	nod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	0.018	ND	359	_No	ND	ND	ND	88_	No	ND	ND	ND	13
Perfluorobutanoic Acid		50	n/a	ug/L_	No	ND	0.032	ND	359	No	ND	ND	ND	8_	No	ND	ND	ND	13_
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	0.027	ND	359	No	ND	ND	ND	8_	No	ND	ND	ND	13
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	0.043	ND	359	_No_	ND	ND	ND	88	No	ND	ND	ND	13_
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	0.029	ND	359	_No	ND	ND	ND	8_	No	ND	ND	ND	13
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	359	_No	ND	ND	ND	8_	No	ND	ND	ND	13
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	800.0	ND	359	_No	ND	ND	ND	8	_No	ND	ND	ND	13_
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.007	ND	359	_No_	ND	ND	ND	8	_No	ND	ND	ND	13
* (August 26, 2020 NYS ado	pts an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (PF	OA) & Pe	fluorooc	tane S	ulfanat	te (PF	OS), se	e page 2	8)								

					[	Distrib	ution A	Area 6		l	Distrib	ution A	rea 7		<u>.</u>	Distribu	ution A	rea 8	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Rang	e of Rea	adings			Rang	e of Rea	dings			Range	e of Rea	dings	
				Measure	Violation		-	_	No. of	Violation					Violation			Avg.	
					Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests
<b>Synthetic Organic Compo</b>	ounds including Per- and Polyfluoro	alkyl S	Substa	inces - A	nalysis	Perfo	rmed I	by NY	S App	roved S	CWA	PFAAS	Met	hod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L_	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	51	No	ND	ND	ND	6	No	ND	ND	ND	8
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	51	_No_	ND	ND	ND	6	No	ND	ND	ND	8
* (August 26, 2020 NYS ado	ots an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (PF	OA) & Per	rfluorood	tane S	ulfana	te (PF	OS), se	e page 2	(8)								

						Distrib	ution A	rea 9	)	D	istribu	ition Ar	ea 10	)	D	istribu	ition A	rea 11	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Rang	ge of Rea	<u>idings</u>			Rang	e of Rea	<u>dings</u>			Rang	e of Rea	dings	
				Measure	Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg.	No. of
					Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests
<b>Synthetic Organic Compo</b>	ounds including Per- and Polyfluoro	alkyl	Substa	ances - A	nalysis	Perfo	rmed l	эу МҮ	/S App	roved S	CWA	PFAAS	Met	hod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	27	No	ND	ND	ND	47	No	ND	ND	ND	59
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	27	_No_	ND	ND	ND	47_	No	ND	ND	ND	59
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	27	_No_	ND	ND	ND	47	No	ND	ND	ND	59_
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	ND	ND	27	_No	ND	ND	ND	47	_No	ND	ND	ND	59
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	27	_No_	ND	ND	ND	47_	No	ND	ND	ND	59
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	27	_No	ND	ND	ND	47	_No	ND	ND	ND	59
Perfluorooctanoic Acid		*0.010	n/a	ug/L	. No	ND	0.004	ND	27	_No	ND	ND	ND	47	No_	ND	0.006	ND	59
		*0.010		ug/L	. No	ND	ND	ND	27	No	ND	0.008	ND		No	ND	0.003	ND	59

					D	istribu	ıtion Aı	rea 12	2	D	istribu	tion A	rea 14		D	istribu	ıtion A	rea 15	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No			Avg.	No. of	Violation Yes/No		e of Rea	Avg.	No. of Tests	Violation Yes/No		e of Rea High Value		No. of
Synthetic Organic Compo	ounds including Per- and Polyfluoro	alkyl S	Substa	ances - A											163/140	value	value	value	16313
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	378	_No	ND	ND	ND	14_	No	ND	ND	ND	256
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	0.010	ND	378	No	ND	ND	ND	14	No	ND	ND	ND	256
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	378	_No_	ND	ND	ND	14	_No_	ND	ND	ND	256
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	0.016	ND	378	_No_	ND	ND	ND	14	No	ND	0.011	ND	256
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	0.024	ND	378	_No_	ND	ND	ND	14	_No	ND	0.011	ND	256
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	378	_No	ND	ND	ND	14	No	ND	0.012	ND	256
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.009	ND	378	_No_	ND	ND	ND	14	No.	ND	0.008	0.002	256
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.011	ND	378	No	ND	ND	ND	14	No	ND	0.008	ND	256

					D	istribu	ution A	rea 20	)	D	istribu	ıtion A	rea 23	}	D	istribu	ition A	rea 26	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Rang	e of Rea	dings			Rang	e of Rea	dings			Range	e of Rea	<u>dings</u>	
				Measure	Violation Yes/No	Low Value	High Value		No. of Tests	Violation Yes/No	Low Value	High Value	•	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	
<b>Synthetic Organic Compo</b>	ounds including Per- and Polyfluord	alkyl	Substa	ances - A	nalysis	Perfo	rmed b	y NY	'S App	roved S	CWA	PFAA:	S Met	hod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	97	_No	ND	ND	ND	140	No	ND	ND	ND	29
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	0.047	ND	97	_No_	ND	0.015	ND	140	No	ND	ND	ND	29
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	97	_No_	ND	ND	ND	140	No	ND	ND	ND	29
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	0.019	ND	97	_No_	ND	0.015	ND	140	No	ND	0.011	ND	29
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	0.014	ND	97	_No	ND	0.020	ND	140	No.	ND	0.011	ND	29
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	97	_No	ND	ND	ND	140	_No	ND	ND	ND	29
Perfluorooctanoic Acid		*0.010	n/a	ua/L	No	ND	0.004	ND	97	_No	ND	0.005	ND	140	_No	ND	0.003	ND	29
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	. No	ND	0.015	ND	97	No	ND	0.006	ND	140	No	ND	ND	ND	29
* (August 26, 2020 NYS ado	pts an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (PF	OA) & Pe	rfluorood	tane S	Sulfanat	e (PF	OS), se	e page 2	(8)								

## Perfluoroalkyl and Polyfluoroalkyl Substances Monitoring (Continued)

					D	istribu	ution A	rea 30	)	D	istribu	ution A	rea 32		D	istribu	ıtion A	rea 34	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Rang	e of Rea	<u>dings</u>			Rang	e of Rea	dings			Range	e of Rea	dings	
				Measure	Violation	Low	High	_		Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg. N	
					Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value :	Tests
<b>Synthetic Organic Compo</b>	ounds including Per- and Polyfluoro	alkyl	Substa	ances - A	nalysis	Perfo	rmed b	oy NY	S App	roved S	CWA	PFAA	S Met	hod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	127	_No	ND	ND	ND	10	No	ND	ND	ND	6
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	0.044	ND	127	_No_	ND	ND	ND	10_	No	ND	ND	ND	6
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	127	_No_	ND	ND	ND	10	No_	ND	ND	ND	6
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	0.049	ND	127	_No	ND	ND	ND	10	. No	ND	ND	ND	6
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	127	_No_	ND	ND	ND	10_	. No	ND	ND	ND	6
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	127	_No_	ND	ND	ND	10	No.	ND	ND	ND	6
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	0.003	ND	127	_No	ND	ND	ND	10	No_	ND	ND	ND	6
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	0.002	ND	127	_No	ND	0.003	ND	10	No	ND	ND	ND	6
* (August 26, 2020 NYS ado	pts an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (PF	OA) & Pe	rfluorooc	tane S	Sulfanat	te (PF	OS), se	e page 2	8)								

					D	istribu	ıtion A	rea 35	5	D	istribu	ıtion A	rea 44	ļ	D	istribu	ıtion A	rea 53	
Detected Compound	Likely Source	MCL	MCLG	Unit of		Rang	e of Rea	<u>dings</u>			Range	e of Rea	dings			Range	e of Rea	dings	
				Measure	Violation	Low	High	Avg.	No. of	Violation	Low	High	Avg.	No. of		Low	High	Avg.	
					Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Value	Value	Value	Tests
Synthetic Organic Compo	ounds including Per- and Polyfluoro	alkyl	Subst	ances - A	nalysis	Perfo	rmed I	oy NY	S App	roved S	CWA	PFAA:	S Met	hod					
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	10	_No	ND	ND	ND	6	No	ND	ND	ND	20
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6_	No	ND	ND	ND	20
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	_ 50	n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	. No	ND	ND	ND	20
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	. No	ND	ND	ND	20
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	. No	ND	ND	ND	20
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	. No	ND	ND	ND	20_
Perfluorooctanoic Acid		*0.010		ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	_No_	ND	ND	ND	20
Perfluorooctane Sulfonate		*0.010	l n/a	ug/L	No	ND	ND	ND	10	_No_	ND	ND	ND	6	_No_	ND	ND	ND	20
* (August 26, 2020 NYS ado	pts an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (Pl	FOA) & Pe	rfluorooc	tane S	ulfana	te (PF	OS), se	e page 2	8)								

					Di	istribu	ition A	rea 54	4	D	istribu	ıtion A	rea 57	7	D	istribu	tion A	rea 64	
Detected Compound	Likely Source	MCL	MCLG	Unit of		_	e of Rea				Rang	e of Rea					of Rea		
				Measure	Violation Yes/No	Low Value	High Value	Avg. Value		Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. I Value	
Synthetic Organic Compo	ounds including Per- and Polyfluoro	alkyl	Subst	ances - A			10100		10010	100/110					103/110	Value	value	Value	10313
Perfluoro-1-pentanesulfonate		50	n/a	ug/L	No	ND	ND	ND	30	_No	ND	ND	ND		No	ND	ND	ND	11_
Perfluorobutanoic Acid		50	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7_	No	ND	ND	ND	11_
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7_	No	ND	ND	ND	11_
Perfluoro-n-hexanoic Acid	environment from widespread use in	50	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7	No_	ND	ND	ND	11
Perfluorohexane Sulfonic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7	No.	ND	ND	ND	11_
Perfluorononanoic Acid		50	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND		No	ND	ND	ND	11_
Perfluorooctanoic Acid		*0.010	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7_	. No	ND	ND	ND	11_
Perfluorooctane Sulfonate		*0.010	n/a	ug/L	No	ND	ND	ND	30	_No_	ND	ND	ND	7_	. No	ND	ND	ND	11
* (August 26, 2020 NYS ado)	pts an MCL of 0.010 ppb for Perfluorocta	anoic A	cid (Pl	OA) & Pe	fluorooc	tane S	ulfana	te (PF	OS), se	e page 2	8)								

					Dis	tributio	on Are	a EFV	VD	Dis	tributio	on Are	a RSV	VD	Dist	tributio	on Area	a SBW	D
Detected Compound	Likely Source	MCL	MCLG	Unit of			of Rea					of Rea					e of Rea		
				Measure	Violation Yes/No	Low Value	_	Avg. Value	No. of	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg.   Value	
Synthetic Organic Compo Perfluoro-1-pentanesulfonate	ounds including Per- and Polyfluoro	alkyl 5				Perfor		ND	S App	roved S	ND.	PFAAS ND	S Met	hod 2	No	ND	ND	ND	1
Perfluorobutanoic Acid		50	n/a n/a	ug/L ug/L	No No	ND	ND ND	ND	6	No No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorobutanesulfonic Acid	PFOA (or, PFOS) are released into the	50	n/a	ug/L	No	ND	ND	ND	6	_No_	ND	ND	ND	2	No	ND	ND	ND	4
Perfluoro-n-hexanoic Acid Perfluorohexane Sulfonic Acid	environment from widespread use in commercial and industrial applications	50	n/a n/a	ug/L ug/L	No No	ND ND	ND ND	ND ND	<u>6</u>	No No	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	<u>4</u>
Perfluorononanoic Acid	commercial and industrial applications	50	n/a	ug/L	No	ND	ND	ND	6	No	ND	ND	ND	2	No	ND	ND	ND	4
Perfluorooctanoic Acid		*0.010		ug/L	No	ND	ND	ND	6	_No_	ND	ND	ND	2	140		0.002		4
Perfluorooctane Sulfonate		*0.010	l n/a	ua/L	. No	ND	ND	ND	6	_No	ND	ND	ND	2	No	ND	0.003	ND	4



### Pharmaceuticals and Personal Care Products (PPCPs) Monitoring

PPCPs are a diverse collection of thousands of chemical substances, including prescription and over the counter therapeutic drugs, veterinary drugs, fragrances, cosmetics, lotions such as sunscreen and insect repellents, diagnostic agents and vitamins. PPCPs from bodily excretion, bathing, and disposal of unwanted medications to septic systems, sewers or trash have the potential to enter our drinking water. Information on how to properly dispose of unwanted pharmaceuticals can be found at:

https://nepis.epa.gov/Exe/tiff2png.cgi/P1007BCF.PNG?-r+75+g+7+D%3A%5CZYFILES%5CINDEX%20DATA%5C06THRU10%5CTIFF%5C00 000773%5CP1007BCF.TIF

The detection and quantification of these chemicals has only recently been possible due to advances in laboratory testing technology. Presently the EPA

has no health standards or guidelines for PPCPs in drinking water and does not require testing. In 2021 all of our wells were tested for 38 PPCPs; Acesulfame-K, Aspartame, Carbamazepine, Dilantin, Gemfibrozil, Glycyrrhic Acid, Ibuprofen, Meprobamate, Phenobarbital, 5-(4-Hydroxyphenyl)-5-Phenylhydantoin, Imidacloprid, Primidone, Saccharin, Sodium Cyclamate, Sucralose and Sulfamethoxazole were detected. The concentrations found are at levels far below medical doses, and have no known health effects.

Wherever possible, we are using granular activated carbon filtration and blending wells to remove these trace levels from the water we provide to you. Information on these pharmaceutical drugs and the results for each distribution area can be found in the tables below and on pages 8-10.

					L	Distrib	ution A	rea 1			Distrib	ution /	Area 4		Į.	Distrib	ution A	rea 5	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		e of Rea High Value		No. of Tests	Violation Yes/No		e of Rea High Value	Avg.	No. of Tests	Violation Yes/No		e of Rea High Value	Avg.	
Synthetic Organic Compou	nds including Pesticides and Phar	rmace	eutical	5															
Acesulfame-K	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No	ND	3.07	0.06	298	No.	ND	ND	ND	8	No	ND	ND	ND	
Aspartame	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No	ND	ND	ND	298	No	ND	ND	ND	8	No	ND	ND	ND	
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	298	No_	ND	ND	ND	8	No	ND	ND	ND	
Dilantin	Antiepileptic drug	50	n/a	ug/L	No_	ND	0.13	ND	298	No_	ND	ND	ND	8	No_	ND	ND	ND	
Gemfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	0.07	ND	298	No_	ND_	ND_	_ND	8	No_	ND_	ND	ND	
Glycyrrhizic Acid	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.23	ND	298	No_	ND_	ND_	_ND	8	No	ND_	ND_	_ND_	_
5-(4-Hydroxypnenyi)-5-Phenyinydantd buprofen	in Used for determining drug levels in the body Anti-inflammatory drug	50 50	n/a n/a	ug/L	No No	ND ND	0.43 ND	ND ND	298 298	No_	ND_	ND_	ND.	8	No	ND_	ND_	ND_	-
midacloprid	Used as a pesticide	50	n/a	ug/L ug/L	No	ND	ND	ND	298	NoNo	ND ND	ND ND	ND ND	<u>8</u> 8	No No	ND ND	ND ND	ND ND	_
Meprobamate	Antianxiety drug	50	n/a	ug/L	No	ND	0.06	ND	298	No	ND	ND	ND	8	No	ND	ND	ND	_
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	0.14	ND	298	No	ND	ND	ND	8	No	ND	ND	ND	
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.16	ND	298	No	ND	ND	ND	8	No	ND	ND	ND	
Saccharin	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No	ND	0.07	ND	298	No_	ND	ND	ND	8	No	ND	ND	ND	
Sodium Cyclamate	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No	ND	0.41	ND	298	No_	ND	ND	ND	8	No	ND	ND	ND	
Sucralose	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No_	ND		0.07	298	_No_	ND	ND	ND	8	No_	ND	ND	ND	
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	_No	ND	0.07	ND	298	No_	ND	ND	ND	88	No_	ND	ND	ND	_
						Nietribu	ution A	roa 6			Dictrib	ution A	ros 7			Nictribu	ıtion A	roa 9	
							e of Read					e of Rea			•		e of Read		
etected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High		No. of Tests	Violation Yes/No		High		No. of Tests	Violation Yes/No	Low Value	High Value	Avg.	No Te
Synthetic Organic Compou	nds including Pesticides and Phar	rmace	uticals	;															
cesulfame-K	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.22	ND	49	No	ND	ND	ND	4	No	ND	0.05	ND	
spartame	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Dilantin	Antiepileptic drug	50	n/a	ug/L	_No	ND	ND	ND	49	_No_	ND	ND	ND	4	No	ND	ND	ND	_
Semfibrozil	Lipid lowering drug	50	n/a	ug/L	No	ND	ND_	ND	49	_No_	ND_	ND_	ND.	4_	No	ND	ND	ND	_
Blycyrrhizic Acid	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND_	ND_	ND_	49_	No_	ND_	ND_	ND	4_	No_	ND_	ND_	ND_	_
-(4-Hydroxypnenyi)-5-Phenyinydantoi ouprofen	n Used for determining drug levels in the body	50 50	n/a	ug/L	No No	ND ND	ND ND	ND ND	49 49	No No	ND	ND	ND	<u>4</u> 4	No.	ND	ND	ND	-
midacloprid	Anti-inflammatory drug Used as a pesticide	50	n/a n/a	ug/L ug/L	No	ND	ND	ND	49	No No	ND ND	ND ND	ND ND	4	No No	ND ND	ND ND	ND ND	-
Meprobamate	Antianxiety drug	50	n/a	ug/L ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	_
Phenobarbital	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	_
Primidone	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Saccharin	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Sodium Cyclamate	Incomplete removal during wastewater treatment, home septio	50	n/a	ua/L	No	ND	ND	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Sucralose	Incomplete removal during wastewater treatment, home septic	50	n/a	ug/L	No	ND	0.12	ND	49	No	ND	ND	ND	4	No	ND	ND	ND	
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	No	ND	ND	ND	49	_No_	ND	ND	ND	4	No	ND	ND	ND	
						Distrib	ution A	rea 9			Distribu	ution A	rea 10	)	D	istribu	ition A	rea 11	
						Dana	o of Dog	dinas				e of Rea	<u>idings</u>			Rang	e of Rea	dinas	N-
etected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		e of Rea High Value	Avg.	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High	Avg.	Te
	Likely Source			Measure		Low	High	Avg.				_					High	Avg.	
Synthetic Organic Compou	nds including Pesticides and Phar			Measure		Low	High	Avg.				_					High Value	Avg.	
Synthetic Organic Compou		rmace	euticals	Measure	Yes/No No	Value  ND ND	High Value 0.75 ND	Avg. Value	22 22	Yes/No No	Value ND ND	0.30 ND	0.06	40 40	Yes/No	Value ND ND	High Value 2.48 0.14	Avg. Value	To E
	nds including Pesticides and Phar complete removal during wastewater treatment, home septic recomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug	50 50 50	n/a n/a n/a	Measure ug/L	No No No	ND ND ND	United High Value  0.75  ND  ND	Avg. Value 0.10 ND ND	22 22 22 22	No No No	ND ND ND	0.30 ND ND	0.06 ND ND	40 40 40	No No No	ND ND ND	High Value 2.48 0.14 ND	Avg. Value	5 5
Synthetic Organic Compou cesulfame-K spartame arbamazepine bilantin	nds including Pesticides and Phar ncomplete removal during wastewater treatment, home septic nocomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug	50 50 50 50	n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L	No No No No	ND ND ND ND	0.75 ND ND	O.10 ND ND ND	22 22 22 22 22	No No No No	ND ND ND ND	0.30 ND ND ND	0.06 ND ND ND	40 40 40 40 40	No No No No	ND ND ND ND	2.48 0.14 ND	Avg. Value 0.15 ND ND ND	5 5 5
cesulfame-K spartame arbamazepine iilantin temfibrozil	nds including Pesticides and Phar complete removal during wastewater treatment, home septic recomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug	50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No	ND ND ND ND ND ND	0.75 ND ND ND ND	O.10 ND ND ND ND	22 22 22 22 22 22 22	No No No No No	ND ND ND ND ND	0.30 ND ND ND ND	0.06 ND ND ND ND	40 40 40 40 40 40	No No No No No	ND ND ND ND ND ND	2.48 0.14 ND ND	O.15 ND ND ND ND	To
Synthetic Organic Compou cesulfame-K spartame arbamazepine illantin elemfibrozil ilycyrrhizic Acid	nds including Pesticides and Phar complete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug Locomplete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug	50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No	ND ND ND ND ND ND ND ND	0.75 ND ND ND ND ND	O.10 ND ND ND ND ND	22 22 22 22 22 22 22 22	No No No No No No	ND ND ND ND ND ND	0.30 ND ND ND ND ND	0.06 ND ND ND ND ND	40 40 40 40 40 40 40	No No No No No No	ND ND ND ND ND ND	2.48 0.14 ND ND ND	Avg. Value	To the second se
cesulfame-K spartame arbamazepine illantin iemfibrozil lycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto	nds including Pesticides and Phar ncomplete removal during wastewater treatment, home septic hocomplete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug ncomplete removal during wastewater treatment, home septic in Used for determining drug levels in the body	50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No	ND ND ND ND ND ND ND ND	0.75 ND ND ND ND ND ND	0.10 ND ND ND ND ND ND	22 22 22 22 22 22 22 22 22 22	No No No No No No No No	ND ND ND ND ND ND ND	0.30 ND ND ND ND ND ND	0.06 ND ND ND ND ND ND	40 40 40 40 40 40 40	No No No No No No No	ND ND ND ND ND ND ND	2.48 0.14 ND ND ND ND ND	0.15 ND ND ND ND ND	To the second se
Synthetic Organic Compou cesulfame-K spartame carbamazepine illantin iemfibrozil ilycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto suprofen	nds including Pesticides and Phar  ncomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug ncomplete removal during wastewater treatment, home septic I used for determining drug levels in the body Anti-inflammatory drug	50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No No No	ND ND ND ND ND ND ND ND	0.75 ND ND ND ND ND ND ND	0.10 ND ND ND ND ND ND ND	22 22 22 22 22 22 22 22 22 22 22	No No No No No No No No No	ND ND ND ND ND ND ND ND	Value  0.30  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	0.06 ND ND ND ND ND ND	40 40 40 40 40 40 40 40 40	No No No No No No No No No	ND ND ND ND ND ND ND ND ND	2.48 0.14 ND ND ND ND ND	Avg. Value	
Synthetic Organic Compour cesulfame-K spartame arbamazepine illantin elemfibrozil ilycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto undacloprid	nds including Pesticides and Phar complete removal during wastewater treatment. home septic chocomplete memoval during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug Locomplete removal during wastewater treatment. home septic in Used for determining drug levels in the body Anti-inflammatory drug Used as a pesticide	50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No No No No	ND ND ND ND ND ND ND ND ND	High Value 0.75 ND ND ND ND ND ND ND ND	O.10 ND	22 22 22 22 22 22 22 22 22 22 22 22	No No No No No No No No No No	ND ND ND ND ND ND ND ND ND	Value  0.30  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	0.06 ND ND ND ND ND ND ND	40 40 40 40 40 40 40 40 40 40	No No No No No No No No No No	ND ND ND ND ND ND ND ND ND	2.48 0.14 ND ND ND ND ND ND ND	Avg. Value	Ti ti
cesulfame-K spartame arbamazepine iilantin iemfibrozil lycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto puprofen nidacloprid leprobamate	nds including Pesticides and Phar ncomplete removal during wastewater treatment, home septic Incomplete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug ncomplete removal during wastewater treatment, home septic In Used for determining drug levels in the body Anti-inflammatory drug Used as a pesticide Antianxiety drug	50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No No No No No	ND N	High Value 0.75 ND ND ND ND ND ND ND ND ND ND ND ND	O.10 ND	22 22 22 22 22 22 22 22 22 22 22 22 22	No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND	Value  0.30 ND	0.06 ND	40 40 40 40 40 40 40 40 40 40 40 40	No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND	2.48 0.14 ND ND ND ND ND ND ND ND	Avg. Value  0.15 ND	
Synthetic Organic Compou cesulfame-K spartame larbamazepine illantin illemfibrozil lycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto nuprofen nidacloprid leprobamate henobarbital	nds including Pesticides and Phar  noomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug noomplete removal during wastewater treatment, home septic I used for determining drug levels in the body Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug	50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No No No No No No	ND N	ND N	Avg. Value  0.10  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	22 22 22 22 22 22 22 22 22 22 22 22 22	Yes/No  No	ND ND ND ND ND ND ND ND ND ND ND ND ND N	Value  0.30 ND	0.06 ND	40 40 40 40 40 40 40 40 40 40 40 40 40 4	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.48 0.14 ND ND ND ND ND ND ND ND ND ND	Avg. Value  0.15 ND	
Synthetic Organic Compour cesulfame-K spartame arbamazepine illantin elemfibrozil ilycyrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto buprofen nidacloprid leprobamate henobarbital rimidone	nds including Pesticides and Phar  ncomplete removal during wastewater treatment, home septic. Anticonvulsant, mood stabilizing drug. Antiepileptic drug. Lipid lowering drug.  ncomplete removal during wastewater treatment, home septic. In used for determining drug levels in the body. Anti-inflammatory drug. Used as a pesticide Antianxiety drug. Anticonvulsant, mood stabilizing drug. Pharmaceutical anticonvulsant drug.	50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No No No No No No	ND N	High Value 0.75 ND ND ND ND ND ND ND ND ND ND ND ND	O.10 ND	22 22 22 22 22 22 22 22 22 22 22 22 22	No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND	Value  0.30 ND	0.06 ND	40 40 40 40 40 40 40 40 40 40 40 40	No	ND ND ND ND ND ND ND ND ND ND	2.48 0.14 ND	Avg. Value  0.15 ND	
Cesulfame-K spartame Larbamazepine bilantin temfibrozil (4-Hydroxyphenyl)-5-Phenylhydanto	nds including Pesticides and Phar  noomplete removal during wastewater treatment, home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug noomplete removal during wastewater treatment, home septic I used for determining drug levels in the body Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug	50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No	ND N	High Value  0.75 ND	O.10 ND	22 22 22 22 22 22 22 22 22 22 22 22 22	No	ND ND ND ND ND ND ND ND ND ND ND ND ND N	Value  0.30 ND	0.06 ND	40 40 40 40 40 40 40 40 40 40 40 40 40 4	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	2.48 0.14 ND ND ND ND ND ND ND ND ND ND ND ND ND	Avg. Value  0.15 ND	
Cesulfame-K spartame arabamazepine bilantin bemfibrozil liycyrthizic Acid (4-Hydroxyphenyl)-5-Phenylhydanto buprofen midacloprid leprobamate thenobarbital trimidone baccharin	nds including Pesticides and Phar  ncomplete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering lowering lowering drug Lipid lowering low	50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	No	ND N	ND N	Avg. Value  0.10  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	22 22 22 22 22 22 22 22 22 22 22 22 22	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	Value  0.30 ND	0.06 ND	40 40 40 40 40 40 40 40 40 40 40 40 40	No	ND N	High Value  2.48 0.14 ND	Avg. Value  0.15 ND	To 5

## Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (cont'd)

					П	istribu	tion A	rea 12	,	T C	Distribu	ition A	rea 1	1	F	istribu	tion A	roa 15
							e of Rea			•		e of Rea		•	_		e of Rea	
etected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value		Violation Yes/No	Low Value	High Value		No. of Tests	Violation Yes/No		High Value	Avg.
Synthetic Organic Compoun	ds including Pesticides and Pha	rmace	eutical	S														
Acesulfame-K	incomplete removal during wastewater treatment, home septic		n/a	ug/L	No	ND	2.32	0.20	300	No	ND	0.23	ND	14	No	ND	2.92	0.40
Aspartame	Incomplete removal during wastewater treatment, home septic		n/a	ug/L	No	ND	ND	ND	300	No	ND	ND	ND	14	No	ND	ND	ND
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No_	ND	0.07	ND	300	No_	ND	ND	ND	14	No_	ND	0.09	ND
Dilantin Comfibrazil	Antiepileptic drug	50 50	n/a	ug/L	No No	ND ND	ND ND	ND ND	300 300	No.	ND_	ND	ND	14	No No	ND_	ND	ND
Gemfibrozil Glycyrrhizic Acid	Lipid lowering drug Incomplete removal during wastewater treatment, home septic	50	n/a n/a	ug/L ug/L	No	ND	0.22	ND	300	No No	ND ND	ND ND	ND ND	14 14	No No	ND ND	ND 0.28	ND ND
-(4-Hydroxyphenyl)-5-Phenylhydantoin	Used for determining drug levels in the body	50	n/a	ug/L	No	ND	ND	ND	300	No	ND	ND	ND	14	No	ND	ND	ND
	Anti-inflammatory drug	50	n/a	ug/L	No_	ND_	0.08	ND_	300	_No_	ND_	ND_	ND.	14	No_	ND	ND	ND
midacloprid Menrehamate	Used as a pesticide	50 50	n/a	ug/L	No No	ND ND	0.11	ND ND	300 300	No No	ND_	ND ND	ND ND	14	No No	ND ND	ND	ND ND
	Antianxiety drug Anticonvulsant, mood stabilizing drug	50	n/a n/a	ug/L ug/L	No	ND	ND	ND	300	No No	ND ND	ND ND	ND ND	14 14	No No	ND	ND 0.07	ND
	Pharmaceutical anticonvulsant drug	50	n/a	ug/L	No	ND	0.07	ND	300	No	ND	ND	ND	14	No	ND	ND	ND
Saccharin	incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No_	ND	ND	ND	300	No_	ND	ND	ND	14	No_	ND	ND	ND
Sodium Cyclamate Sucralose	Incomplete removal during wastewater treatment, home seption	50	n/a	ug/L	No No	ND ND	0.16 3.67	ND 0.27	300 300	No.	ND_	ND 0.11	ND	14	No No	ND_	ND 3.98	ND 0.35
Sulfamethoxazole	Incomplete removal during wastewater treatment, home seption Antibiotic	50	n/a n/a	ug/L ug/L	No	ND	ND	ND	300	No No	ND ND	0.11 ND	ND ND	14 14	No No	ND ND	3.96 ND	ND
			1.7.2							110	110	110	110		-110			
					D	istribu	tion A	rea 20		[	Distribu	ıtion A	rea 2	3		istribu	ition A	rea 26
etected Compound	Likely Source	MCI	MCLG	Unit of			e of Rea					e of Rea					e of Rea	
etected Compound	Likely Source	MCL	WICLG	Unit of Measure	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No	Low Value	High Value	Avg. Value	No. of Tests	Violation Yes/No		High Value	Avg. Value
Synthetic Organic Compoun	ds including Pesticides and Pha	rmace	eutical	s														
Acesulfame-K	Incomplete removal division and the second	50 to	n/a	ua/L	No	ND	2.14	0.12	53	No	ND	0.86	0.15	126	No	ND	0.87	0.32
Acesuliame-K Aspartame	Incomplete removal during wastewater treatment, home sept Incomplete removal during wastewater treatment, home sept			ug/L ug/L	No	ND	2.14 ND	0.12 ND	53	No	ND	0.00	ND	126	No No	ND	0.87 ND	0.32 ND
Carbamazepine	Anticonvulsant, mood stabilizing drug	50	n/a	ug/L	No	ND	ND	ND	53	No	ND	ND	ND	126	No	ND	ND	ND
Dilantin	Antiepileptic drug	50	n/a	ug/L	No	ND	ND	ND	53	_No_	ND	ND	ND	126	No_	ND	ND	ND
Gemfibrozil	Lipid lowering drug	50		ug/L	No	ND	ND	ND	53	No_	ND_	ND_	ND	126	No	ND_	ND_	ND_
Glycyrrhizic Acid	Incomplete removal during wastewater treatment, home sept in Used for determining drug levels in the body	50 50		ug/L ug/L	No No	ND ND	ND ND	ND ND	53 53	No No	ND ND	ND ND	ND ND	126 126	No No	ND ND	ND ND	ND ND
buprofen	Anti-inflammatory drug	50		ug/L	No	ND	ND	ND	53	No	ND	ND	ND	126	No	ND	ND	ND
midacloprid	Used as a pesticide	50	n/a	ug/L	No	ND	ND	ND	53	No	ND	0.12	ND	126	No	ND	ND	ND
Meprobamate	Antianxiety drug	50		ug/L	No_	ND	ND_	ND_	53	No_	ND_	ND_	ND_	126	No_	ND_	ND_	ND_
Phenobarbital Primidone	Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug	50 50		ug/L ug/L	No No	ND ND	ND ND	ND ND	53 53	No No	ND ND	ND ND	ND ND	126 126	No No	ND ND	ND ND	ND ND
Saccharin	Incomplete removal during wastewater treatment, home sept			ug/L	No	ND	ND	ND	53	No	ND	ND	ND	126	No	ND	2.19	0.13
Sodium Cyclamate	Incomplete removal during wastewater treatment, home sep	50	n/a	ug/L	No	ND	ND	ND	53	_No_	ND_	ND	ND	126	No	ND	0.14	ND
Sucralose	Incomplete removal during wastewater treatment, home sep	s 50		ug/L	No	ND	2.81	0.15	53	No_	ND_	1.56	0.14	126	No	ND_	0.85	0.26
Sulfamethoxazole	Antibiotic	50	n/a	ug/L	_No_	ND	ND	ND	53	_No_	ND	ND	ND	126	No	ND	ND	ND
					D	istribu	tion A	rea 30			Distribu	ıtion A	rea 32	2		istribu	ition A	rea 34
etected Compound	Likely Source					Range	e of Rea	dinge				e of Rea	dinge					
			MCLG	Unit of	Violetien				No. of	Violeties				No. of	Violetien		e of Rea	
	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		High Value	Avg. Value		Violation Yes/No		High		No. of Tests	Violation Yes/No		e of Rea High Value	Avg.
	ds including Pesticides and Pha			Measure		Low	High	Avg.			Low	High	Avg.			Low	High	Avg.
Synthetic Organic Compoun	ds including Pesticides and Pha	rmace	eutical	Measure S	Yes/No	Low Value	High Value	Avg. Value	Tests	Yes/No	Low Value	High Value	Avg. Value	Tests	Yes/No	Low Value	High Value	Avg. Value
iynthetic Organic Compount cesulfame-K	ds including Pesticides and Pha	rmace 50 50		Measure		Low	High	Avg.			Low	High	Avg.			Low	High	Avg.
synthetic Organic Compoun- cesulfame-K spartame arbamazepine	ds including Pesticides and Pha Incomplete removal during wastewater treatment. home septil Anticonvulsant, mood stabilizing drug	50 50 50	n/a n/a n/a	Measure  ug/L  ug/L  ug/L	No No No	ND ND ND	Use High Value 0.98 0.61 ND	Avg. Value 0.13 ND ND	135 135 135	No No No	Value  ND ND ND	United High Value 0.13 ND ND	Avg. Value ND ND ND	6 6 6	No No No	Value  ND ND ND	ND ND ND	Avg. Value
Synthetic Organic Compount cesulfame-K spartame Carbamazepine	ds including Pesticides and Pha Incomplete removal during wastewater treatment, home septi Incomplete removal during wastewater treatment, home septi Anticonvulsant, mood stabilizing drug Antiepileptic drug	50 50 50 50	n/a n/a n/a n/a n/a	Measure  ug/L ug/L ug/L ug/L	No No No No	ND ND ND ND	0.98 0.61 ND	O.13 ND ND	135 135 135 135	No No No	Value  ND ND ND ND ND	0.13 ND ND	Avg. Value ND ND ND	6 6 6 6	No No No No	ND ND ND ND	ND ND ND ND	ND ND ND ND
Synthetic Organic Compount Acesulfame-K Aspartame Aarbamazepine Dilantin Jemfibrozii	ds including Pesticides and Pha Incomplete removal during wastewater treatment, home septil Incomplete removal during wastewater treatment, home septil Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug	50 50 50 50 50	n/a n/a n/a n/a n/a n/a	Measure  ug/L ug/L ug/L ug/L ug/L ug/L	No No No No No No	ND ND ND ND ND ND	0.98 0.61 ND ND ND	O.13 ND ND ND ND	135 135 135 135 135	No No No No No	ND ND ND ND ND ND	0.13 ND ND ND ND	ND ND ND ND ND ND	6 6 6 6 6	No No No No No	ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND
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ynthetic Organic Compouncesulfame-K spartame arbamazepine ilantin eemfibrozil tycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoir uprofen nidacloprid leprobamate henobarbital rimidone accharin odium Cyclamate ucralose ulfamethoxazole  etected Compound  Synthetic Organic Compouncesulfame-K spartame arbamazepine ilantin eemfibrozil tycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoin uprofen nidacloprid leprobamate	ds including Pesticides and Pha Incomplete removal during wastewater treatment, home septi Anticonvulsant, mood stabilizing drug Antiepileptic drug Lipid lowering drug Incomplete removal during wastewater treatment, home septi Lipid lowering drug Incomplete removal during wastewater treatment, home septi Used for determining drug levels in the body Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug Incomplete removal during wastewater treatment, home septi Incomplete removal during wastewater treatment. home septi Incomplete removal during wastewater treatment. home septi Incomplete removal during wastewater treatment. home septi Antibiotic  Likely Source  Ickely So	SO	muticals  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Ug/L	Ves/No  No	Low Value  ND N	0.98 0.61 ND	Avg. Value  0.13 ND	135 135 135 135 135 135 135 135 135 135	Yes/No  No	ND N	High Value  0.13 ND N	Avg. Value  ND N	Tests  6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Yes/No  No	Low Value  ND N	High Value  ND	Avg. Value  ND
cesulfame-K spartame iarbamazepine illantin iemfibrozii lycyrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoir puprofen nidacloprid leprobamate henobarbital rimidone accharin odium Cyclamate ucralose ulfamethoxazole  etected Compound  Synthetic Organic Compoun cesulfame-K spartame iarbamazepine illantin iemfibrozii lycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoin puprofen nidacloprid leprobamate henobarbital rimidone	ds including Pesticides and Pha Incomplete removal during wastewater treatment, home septil Anticonvulsant, mood stabilizing drug. Antiepileptic drug Lipid lowering drug Incomplete removal during wastewater treatment, home septil Anticonvulsant, mood stabilizing drug. Antiepileptic drug Lipid lowering drug Incomplete removal during wastewater treatment, home septil Anti-inflammatory drug Used for determining drug levels in the body. Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug Incomplete removal during wastewater treatment, home septil Incomplete removal during wastewater treatment. home septil Incomplete removal during wastewater	MCL  MCL  MCL  MCL  MCL  MCL  MCL  MCL	muticals  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Up/L	Ves/No  No	Low Value  ND	High Value  0.98 0.61 ND	Avg. Value  0.13 ND	135 135 135 135 135 135 135 135 135 135	Yes/No  No	ND N	High Value  0.13 ND	Avg. Value  ND N	Tests  6 6 6 6 6 6 6 6 6 6 7 7 8 8 8 8 8 8 8	Yes/No  No	Low Value  ND N	High Value  ND	Avg. Value  ND
cesulfame-K spartame arbamazepine iilantin iemfibrozil ipcyrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoir puprofen midacloprid leprobamate henobarbital rimidone etected Compound  Synthetic Organic Compoun  Cesulfame-K spartame tarbamazepine iilantin iemfibrozil ipcyrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoir puprofen midacloprid leprobamate henobarbital rimidone accharin odium Cyclamate ucralose ulfamethoxazole	ds including Pesticides and Pha Incomplete removal during wastewater treatment. home septi Anticonvulsant, mood stabilizing drug Lipid lowering drug Lised for determining drug levels in the body. Anti-inflammatory drug Lised sa a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug Incomplete removal during wastewater treatment. home septi Antibiotic  Likely Source  Antiening drug Antiening drug Lipid lowering drug Libed for determining drug levels in the body Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug Pharmaceutical anticonvulsant drug Complete removal during wastewater treatment. home septing light lowering drug Lised for determining drug levels in the body Anti-inflammatory drug Lised for determining drug levels in the septing light lowering drug Pharmaceutical anticonvulsant drug Complete removal during wastewater treatment. home septing Likely drug Pharmaceutical anticonvulsant drug Lipharmaceutical anticonvulsant drug Lipharmaceutical anticonvulsant drug Lipharmaceutical anticonvulsant drug	MCL  MCL  MCL  MCL  MCL  MCL  MCL  MCL	mclg  m/a  m/a  m/a  m/a  m/a  m/a  m/a  m/	Ug/L	Ves/No  No	Low Value  ND	High   Value	Avg. Value  0.13 ND	135 135 135 135 135 135 135 135 135 135	Yes/No  No	ND N	High Value  0.13 ND	Avg. Value  ND N	Tests  6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Yes/No  No	Low Value  ND N	ND N	Avg. Value  ND
ynthetic Organic Compouncesulfame-K spartame arbamazepine illantin temfibrozii tycyrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoir uprofen nidacloprid teprobamate henobarbital rimidone accharin odium Cyclamate ucralose ulfamethoxazole  etected Compound  Synthetic Organic Compouncesulfame-K spartame arbamazepine illantin temfibrozii tycyrrhizic Acid (4-Hydroxyphenyl)-5-Phenylhydantoin uprofen nidacloprid teprobamate henobarbital	ds including Pesticides and Pha Incomplete removal during wastewater treatment, home septil Anticonvulsant, mood stabilizing drug. Antiepileptic drug Lipid lowering drug Incomplete removal during wastewater treatment, home septil Anticonvulsant, mood stabilizing drug. Antiepileptic drug Lipid lowering drug Incomplete removal during wastewater treatment, home septil Anti-inflammatory drug Used for determining drug levels in the body. Anti-inflammatory drug Used as a pesticide Antianxiety drug Anticonvulsant, mood stabilizing drug Pharmaceutical anticonvulsant drug Incomplete removal during wastewater treatment, home septil Incomplete removal during wastewater treatment. home septil Incomplete removal during wastewater	Solution	muticals  n/a  n/a  n/a  n/a  n/a  n/a  n/a  n/	Up/L	Ves/No  No	Low Value  ND	High Value  0.98 0.61 ND	Avg. Value  0.13 ND	135 135 135 135 135 135 135 135 135 135	Yes/No  No	ND N	High Value  0.13 ND	Avg. Value  ND N	Tests  6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Yes/No  No	Low Value  ND N	High Value  ND	Avg. Value  ND

### Pharmaceuticals and Personal Care Products (PPCPs) Monitoring (cont'd)

					D	istribu	tion Ar	ea 54		D	istribu	tion A	rea 57	7	D	istribu	ıtion A	rea 64	į.
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range Low Value		Avg. N	No. of Tests	Violation Yes/No	Range Low Value	e of Rea High Value	dings Avg. Value	No. of Tests	Violation Yes/No	_	e of Rea High Value	dings Avg. Value	No. of Tests
Synthetic Organic Compour	nds including Pesticides and Pha	rmace	uticals	5															
Acesulfame-K Aspartame Carbamazepine Dilantin Gemfibrozil Gjycyrrhizic Acid 5-(4-Hydroxyphenyl)-5-Phenylhydantoi Ibuprofen Imidacloprid Meprobamate Phenobarbital Primidone Saccharin Sodium Cyclamate Sucralose Sulfamethoxazole	Incomplete removal during wastewater treatment. home septic Incomplete removal during wastewater treatment. home septic Anticonvulsant, mood stabilizing drug. Antiepileptic drug. Lipid lowering drug. Lipid lowering drug. Incomplete removal during wastewater treatment. home septic in Used for determining drug levels in the body. Anti-inflammatory drug. Used as a pesticide. Antianxiety drug. Anticonvulsant, mood stabilizing drug. Pharmaceutical anticonvulsant drug. Incomplete removal during wastewater treatment. home septicomplete removal during wastewater treatment.	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No N	ND N	ND N	ND N	30 30 30 30 30 30 30 30 30 30 30 30 30 3	No N	ND N	ND N	0.09 ND	6 6 6 6 6 6 6 6 6 6 6 6	No N	ND N	0.18 ND ND ND ND ND ND ND ND ND ND	ND N	13 13 13 13 13 13 13 13 13 13 13 13 13 1
Detected Compound	Likely Source	MCL	MCLG	Unit of	Dis Violation		on Area	lings		Dis Violation	tributio	on Are e of Rea High	dings	ND No. of	Dis Violation	Rang	on Are		ND No. of
				Measure	Yes/No	Value	High Value	-	Tests	Yes/No	Value	Value	Value	Tests	Yes/No	Low Value	High Value	Avg. Value	
Synthetic Organic Compour	nds including Pesticides and Pha	rmace	uticals		Yes/No	Value	-	-		Yes/No			_	Tests			_	_	

#### SAFE DISPOSAL OF PHARMACEUTICALS



Pharmaceutical contamination of drinking water is an important emerging concern. Changing our practices today can prevent future pollution of our only source of drinking water. Become a part of the solution to help stop the threat of discarded pharmaceuticals finding their way into our groundwater, bays and estuaries. Simply take your unused medications to any of the safe disposal locations on Long Island: Walgreens and CVS have safe drop boxes and accept medical disposals at specific locations across Long Island. Also, most police precincts in Suffolk County will accept prescription drugs for disposal. A list can be found here:

https://www.health.ny.gov/professionals/narcotic/medication\_drop\_boxes/suffolk.htm

### Disinfectants and Disinfection Byproducts

						Distrib	ution A	Area 1			Distrib	ution /	Area 4			Distrib	ution /	Area 5	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		of Rea High Value	Avg.	No. of Tests	Violation Yes/No		e of Rea High Value	Avg.	No. of Tests	Violation Yes/No	Range Low Value	of Rea High Value	Avg.	No. of Tests
<b>Disinfectant and Disinfectant</b>	ction Byproducts (**MCL i	s the	sum	of the	four st	arrec	d con	npou	ınds :	showr	belo	ow)							
Bromochloroacetic Acid	Byproduct of chlorination	1 50	n/a	ua/L	No	ND	1.56	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ua/L	No	ND	ND	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	6.25	0.25	410	_No	ND	0.78	0.27	88	No	ND	1.78	ND	62
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	1.29	ND	410	_No	ND	ND	ND	8	No	ND	0.66	ND	62
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	0.58	0.11	341	_No	0.05	0.19	0.10	8	_No	0.03	0.09	0.05	10
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No_	ND	ND	ND	16	_No	NA	NA	NA	0	No	ND	ND	ND	2
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	5.13	0.39	410	_No	ND	3.65	0.74	8	No	ND	1.28	ND	62
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	0.91	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	6.00	ND	410	_No	ND	ND	ND	8	No	ND	1.54	ND	62
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ua/L	No	ND	1.66	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
Free Chlorine	Used as a disinfectant	4	n/a	ma/L	No	0.08	1.96	0.98	3438	No	0.70	1.72	1.23	43	No	0.29	1.41	0.91	141
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	ND	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	1.46	ND	16	No	NA	NA	NA	0	No	ND	ND	ND	2
(*MCL is the sum of the s	starred compounds shown	abo	ve, in	cluding	Mono	bron	noac	etic /	Acid ı	not pr	esent	t)							

						Distrib	ution A	rea 6		I	Distrib	ution A	Area 7		[	istribi	ution A	rea 8	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	of Read High Value	Avg. Value		Violation Yes/No	Low Value	of Rea High Value		No. of Tests	Violation Yes/No		of Read High Value		No. of Tests
Disinfectant and Disinfe	ection Byproducts(**MCI	. is the	sum	of the	four st	arrec	com	ipou	ınds s	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	1.48	0.85	5	No	ND	ND	ND	2	No	NA	NA	NA	0
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No_	ND	ND	ND	5	_No_	ND	ND	ND	2	No	NA	NA	NA	0
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ua/L	No	ND	5.57	ND	215	No	ND	4.83	0.49	13_	No	ND	ND	ND	10_
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	1.79	ND	215	_No	ND	2.70	0.36	13_	No	ND	ND	ND	10_
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	_No	ND	0.35	80.0	50	_No_	0.03	0.09	0.07	4_	No	0.02	0.08	0.06	8
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	2.37	ND	5	_No	ND	ND	ND	2_	No	NA	NA	NA	0
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	4.80	ND	215	_No	ND	3.19	0.39	13	No	ND	0.26	ND	10
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	0.82	0.43	5	_No	ND	ND	ND	2_	No	NA	NA	NA	0
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	5.11	ND	215	No	ND	6.05	0.61	13	No	ND	ND	ND	10_
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	1.58	ND	5	_No_	ND	ND	ND	2	No	NA	NA	NA	0
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	_No	0.26	1.80	1.01	651	No	0.51	1.42	1.01	159	No	0.63	1.45	0.99	63
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	5	_No_	ND	ND	ND	2	No	NA	NA	NA	0
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	5	_No_	ND	ND	ND	2	No	NA	NA	NA	0

(\*MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

						Distrib	ution A	Area 9		E	istribu	ution A	rea 10	0	D	istribu	tion A	rea 11	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		of Read	Avg.	No. of Tests	Violation Yes/No		e of Read High Value	Avg.	No. of Tests	Violation Yes/No		of Read High Value	Avg.	No. of Tests
<b>Disinfectant and Disin</b>	fection Byproducts (**MC	L is the	sum	of the	four st	arrec	con	npou	ınds :	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	ı 50	n/a	ug/L	No	0.89	0.89	0.89	1	No	ND	ND	ND	7	No	ND	ND	ND	3
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	11	No	ND	ND	ND	7	No	ND	1.66	0.82	3
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	0.60	ND	76	No	ND	1.15	ND	127	No	ND	1.11	ND	204
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	0.59	ND	76	_No	ND	0.83	ND	127	No	ND	1.20	ND	204
Chlorate	Byproduct of chlorination	n/a	n/a	ma/L	No	0.04	0.18	0.10	20	No	0.03	0.15	0.08	38	No	0.03	0.13	0.07	42
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	ND	ND	ND	1_	No	ND	ND	ND	7	No	ND	ND	ND	3
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	1.67	0.48	76	_No_	ND	0.90	ND	127	No	ND	0.88	ND	204
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	1.08		1.08	1_	_No	ND	ND	ND	7	No	ND	0.74	ND	3
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	0.53	ND	76	_No_	ND	1.11	ND	127	_No	ND	1.40	ND	204
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	1	_No_	ND	ND	ND	7	No	ND	ND	ND	3
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.30	1.39	0.96	316	_No	0.24	1.62	0.91	657	_No	0.29	1.47	1.03	496
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	11	_No_	ND	ND	ND	7	_No	ND	1.24	ND	3
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	1_	_No_	ND	ND	ND	7	No	ND	ND	ND	3

'MCL is the sum of the starred compounds shown above, including Monobromoacetic Acid not present)

					D	istribu	ıtion A	rea 12	2	D	istribu	ıtion A	rea 14	4	D	istribu	ıtion A	rea 15	5
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range Low Value	of Read High Value		No. of Tests	Violation Yes/No		e of Read High Value	Avg.	No. of Tests	Violation Yes/No		e of Read High Value	Avg.	No. of Tests
<b>Disinfectant and Disi</b>	nfection Byproducts (**MC	CL is the	sum	of the	four st	arred	d con	1pou	nds :	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ua/L	No	ND	2.13	ND	23	No	ND	ND	ND	2	No	ND	ND	ND	6
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No_	ND	2.11	ND	23	No	ND	ND	ND	2	No	ND	ND	ND	6
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	No	ND	9.96	0.27	596	No	ND	0.99	ND	20	No	ND	3.89	ND	404
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	6.80	ND	596	No	ND	ND	ND	20	No	ND	0.83	ND	404
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	_No_	ND	0.57	0.11	318	_No	0.04	0.11	0.07	14_	No	0.02	0.47	0.13	232
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	ND	ND	ND	23	No	ND	ND	ND	2_	_No	ND	ND	ND	6
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	9.11	0.44	596	No	ND	1.27	0.36	20	No	ND	6.48	0.45	404
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	0.97	ND	23	_No	ND	ND	ND	2_	No	ND	ND	ND	6
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	9.14	0.26	596	_No	ND	0.66	ND	20	_No	ND	2.42	ND	404
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	2.78	ND	23	_No	ND	ND	ND	2	No	ND	ND	ND	6_
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	_No	0.20	1.73	0.97	2693	_No	0.30	1.51	0.95	269	No	0.33	1.94	0.97	2013
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	ND	ND	23	_No	ND	ND	ND	2	_No	ND	ND	ND	6
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	0.93	ND	23	No	ND	ND	ND	2	No	ND	ND	ND	6

### Disinfectants and Disinfection Byproducts (cont'd)

					D	istribu	ition A	rea 20		L	istribu	ıtion A	rea 23	3	L	istribu	ution A	Area 26	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value	of Read High Value	Avg. Value		Violation Yes/No	Low Value	e of Rea High Value	Avg.	No. of Tests	Violation Yes/No		e of Rea High Value	Avg.	
					No	ND	1.75	ND	8		ND		ND		No	ND	4.45	ND	
romochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No.	ND ND	2 22	ND	- 8 8	No No	ND ND	0.84	ND_	<u>5</u>	No No			ND 0.04	4
omodichloroacetic Acid	Byproduct of chlorination	**80	n/a n/a	ug/L	No No	ND ND		0.37	90		ND ND	ND_	ND	<u>5</u> 221	No No	ND ND	2.15 3.91	0.84	4
omodichloromethane	Byproduct of chlorination	**80		ug/L	No.	ND ND	2.86	ND	90	No_		1.91	ND_			ND ND			5
romoform	Byproduct of chlorination		n/a	ug/L	No.	ND ND		0.08	90_ 57	_No_	ND_	2.30	ND 0.15	221	No.	0 11	3.20 0.28	0.32	
hlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	ND	ND	- 57 - 8	_No_	ND ND		0.15 ND	126	No	ND.	U.28 ND	U. 15 ND	3
hlorodibromoacetic Acid	Byproduct of chlorination	50 **80	n/a n/a	ug/L	No.	ND ND		0.97	90	No No		2.38	1 21	<u>5</u> 221	No No	ND ND		0.89	
hloroform ibromoacetic Acid	Byproduct of chlorination	*60	n/a n/a	ug/L ug/L	No.	ND ND		0.97	90 8	No No	ND ND		ND	<u> 221</u> 5	No	ND ND	0.96		
	Byproduct of chlorination	**80	n/a n/a		No	ND		0.36	90	No No	ND ND	0.65 3.37	ND ND	<u>5</u> 221	No.	ND ND	5.65		- 5
ibromochloromethane	Byproduct of chlorination	*60	n/a n/a	ug/L	No	ND	2.31	ND	90 8	No.	ND ND	_3.37_ ND	ND ND	<u> </u>	No	ND ND	D.00 ND	ND	
ichloroacetic Acid ree Chlorine	Byproduct of chlorination Used as a disinfectant	100	n/a n/a	ug/L	No	0.25		0.91	804	No.	0.34	2 27	0.92	1205	No	0.30		0.84	4 24
		*60	n/a	mg/L ug/L	No	ND	1.54	ND	8	No	ND	ND	0.92 ND	1205 5	No	ND	ND	ND	_24
onochloroacetic Acid ichloroacetic Acid	Byproduct of chlorination Byproduct of chlorination	*60	n/a n/a	ug/L ug/L	No	ND	0.95	ND ND	8	No.	ND ND	ND ND	ND ND	<u> </u>		ND	ND ND	ND	
	he starred compounds sho												IND	J	140	IND	IND	TAD	
					Di	stribu	tion Ar	ea 30		D	istribu	tion A	ea 32		D	stribu	tion A	rea 34	

					D	istribu	ition A	rea 30	)	D	istribu	tion A	rea 32		D	istribu	ition A	rea 34	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Low Value		Avg. Value		Violation Yes/No	Low Value		Avg.	No. of Tests	Violation Yes/No		of Read High Value	Avg.	No. of Tests
Disinfectant and Disinfe	ction Byproducts (**MCL	is the	sum	of the	four st	arrec	l com	ipou	nds s	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	∟ 50	n/a ı	ug/L	_No	ND	2.03	ND	7	No	NA	NA	NA	0	No	NA	NA	NA	0
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	0.81	ND	7	No	NA	NA	NA	0	No	NA	NA	NA	0
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	4.59	0.28	199	No	ND	0.35	ND	8	No	ND	1.34	0.34	10_
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	7.54	0.29	199	_No_	ND	ND	ND	8	No	ND	0.51	ND	10_
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	_No	ND	0.54	0.13	113	No	0.05	0.24	0.14	6	_No	0.06	0.12	0.10	6
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	ND	ND	ND	7	_No	NA	NA	NA	0	No	NA	NA	NA	0
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	8.16	0.56	199	_No	ND	1.01	0.47	8	No	0.79	2.66	2.11	10_
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	2.03	0.87	7	No	NA	NA	NA	0	No	NA	NA	NA	0_
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	8.07	0.38	199	_No_	ND	0.32	ND	8	No	ND	1.18	0.30	10_
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	1.77	ND	7	No	NA	NA	NA	0	No	NA	NA	NA	0
Free Chlorine	Used as a disinfectant	4	n/a	ma/L	_No	0.07	1.64	0.94	800	No	0.40	1.60	0.87	63	No	0.50	1.46	0.95	105
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	7	_No_	NA	NA	NA	0	No	NA	NA	NA	0
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	0.90	ND	7	No	NA	NA	NA	0	_No	NA	NA	NA	0
(*MCL is the sum of the	starred compounds shown	abo	/e in	cluding	Mono	bron	noace	atic 4	Acid i	not pre	sent	١							

					D	istribu	tion A	rea 35	5	D	istribu	ition A	rea 44		D	istribu	ıtion Ar	ea 53	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		of Read High Value	Avg.	No. of Tests	Violation Yes/No		of Read High Value	Avg.	No. of Tests	Violation Yes/No				No. of Tests
<b>Disinfectant and Disinfe</b>	ction Byproducts (**MCL	. is the	sum	of the	four st	arrec	l com	ipou	inds :	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	NA	NA	NA	0	_No	NA	NA	NA	0	No	ND	1.03	ND	8
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	NA	NA	NA	0	_No	NA	NA	NA	0	No	ND		ND	88
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	ND	ND	38	_No_	ND	2.58	0.46	10_	No	ND	2.58 0	).72	28
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	ND	ND	38	_No	ND	1.04	0.28	10_	No	ND	ND	ND	28_
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	_No_	0.06	0.20	0.11	9	_No	0.05	0.16	0.12	6	No	ND	1.28 (	).11	31
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No_	NA	NA	NA	0	_No	NA	NA	NA	0	No	ND	ND	ND	8
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	0.86	0.44	38	_No	0.66	3.55	2.06	10	No	ND	14.80 2	2.30	28_
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	NA	NA	NA	00	_No	NA	NA	NA	0	No	ND	ND	ND	8
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	ND	ND	38	_No	ND	2.64	0.49	10	No	ND	0.67	ND	28
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ua/L	_No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	6.86 2	2.95	88
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	_No_	0.50	1.51	1.04	82	_No	0.48	1.44	0.95	57	No	0.60	1.60 1	L.10	80_
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ua/L	_No	NA	NA	NA	0	No	NA	NA	NA	0	No	ND	ND	ND	8
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	NA	NA	NA	0	No	NA	NA	NA	0	_No_	0.66	17.10 4	1.90	8

					n	istrihı	ıtion A	rea 54	1	D	istribu	ıtion A	rea 57	,	D	istribu	tion A	rea 64	
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No	Range	of Read High Value	dings	No. of	Violation Yes/No	Range	e of Rea	<u>dings</u> Avg.	No. of	Violation Yes/No	Range	of Read		No. of
Disinfectant and Disinfect	ction Byproducts (**MCL	is the	sum	of the		arrec						w)							
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a ı	ug/L	No	ND	ND	ND	4	_No	NA	NA	NA	0_	No	ND	1.05	ND	2
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	4	No	NA	NA	NA	0	No	ND	ND	ND	2_
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	1.77	0.41	34	No	ND	2.49	0.26	18	No	ND	2.51	0.45	19_
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	ND	ND	34	_No_	ND	1.61	ND	18_	No	ND	3.53	0.71	19
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	No	ND	1.28	0.11	60	_No	0.06	0.34	0.17	6	No	0.06	0.20	0.11	12
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	4	_No_	NA	NA	NA	0_	No	ND	ND	ND	2_
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No_	ND	6.86	1.22	34	_No_	0.28	3.80	2.33	18_	No	0.78	5.08	2.75	19_
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	No	ND	ND	ND	4	_No	NA	NA	NA	0	No	ND	1.08	0.64	2_
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	0.77	ND	34	_No	ND	3.11	0.30	18	No	ND	4.24	0.78	19_
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	2.44	ND	4	_No_	NA	NA	NA	00	No	ND	ND	ND	2_
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	No	0.30	2.57	1.06	142	_No	0.33	1.29	0.76	65	No	0.60	1.40	1.08	29
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	ND	ND	4	_No_	NA	NA	NA	00	No	ND	2.15	1.38	2_
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	0.45	2.65	1.20	4	_No_	NA	NA	NA	0	No	ND	ND	ND	2

### Disinfectants and Disinfection Byproducts (cont'd)

					Dis	tributio	on Are	a EFV	VD	Dis	tributi	on Are	a RSV	VD.	Dis	tributi	on Are	a SBV	VD
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation Yes/No		of Read High Value	Avg.	No. of Tests	Violation Yes/No		of Read High Value	Avg.	No. of Tests	Violation Yes/No		of Read High Value	Avg.	No. of Tests
<b>Disinfectant and Disin</b>	fection Byproducts (**MC	L is the	sum	of the	four st	arrec	com	npou	ınds :	shown	belo	w)							
Bromochloroacetic Acid	Byproduct of chlorination	50	n/a	ua/L	No	ND	ND	ND	10	No	ND	ND	ND	8	No	ND	ND	ND	8
Bromodichloroacetic Acid	Byproduct of chlorination	50	n/a	ug/L	No	ND	ND	ND	10	No	ND	ND	ND	8	No	ND	ND	ND	8
Bromodichloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	1.59	0.48	24	No	ND	1.15	0.54	10	No	ND	0.69	0.27	12
Bromoform	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	0.72	ND	24	No	ND	0.35	ND	10	No	ND	ND	ND	12
Chlorate	Byproduct of chlorination	n/a	n/a	mg/L	_No	0.03	0.12	0.07	14	_No	0.04	0.11	0.06	10	No	0.04	0.11	0.07	12
Chlorodibromoacetic Acid	Byproduct of chlorination	50	n/a	ug/L	_No	ND	ND	ND	10	_No	ND	ND	ND	8	No	ND	ND	ND	8
Chloroform	Byproduct of chlorination	**80	n/a	ug/L	_No_	0.26	2.17	0.66	24	_No	0.84	2.32	1.30	10	No	ND	1.17	0.54	12
Dibromoacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	0.43	ND	10	_No	ND	ND	ND	88	No	ND	0.48	ND	8
Dibromochloromethane	Byproduct of chlorination	**80	n/a	ug/L	_No	ND	1.08	0.37	24	_No	ND	0.75	0.40	10	No	ND	0.47	ND	12
Dichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	10	_No_	ND	ND	ND	8	No	ND	ND	ND	8
Free Chlorine	Used as a disinfectant	4	n/a	mg/L	_No_	0.30	1.40	0.94	162	_No	0.38	1.30	0.85	56	No	0.30	1.45	0.91	105
Monochloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No	ND	ND	ND	10	No	ND	ND	ND	8	No	ND	ND	ND	8
Trichloroacetic Acid	Byproduct of chlorination	*60	n/a	ug/L	_No_	ND	ND	ND	10	_No_	ND	ND	ND	88	No	ND	ND	ND	8
(*MCL is the sum of th	e starred compounds show	۷n abo	/e, in	cluding	Mono	brom	oace	etic /	Acid i	not pre	esent	)							

#### Lead

Elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. SCWA is responsible for providing high quality drinking water, but is not responsible for the variety of materials used in a homeowner's plumbing. If you haven't run your water for several hours, you can minimize the potential for lead exposure by running your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. To schedule a lead test, please contact our Customer Contact Center (contact information listed on back page). Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <a href="https://www.epa.gov/safewater/lead">www.epa.gov/safewater/lead</a>.

#### Lead and Copper Rule (LCR) Monitoring

This EPA regulation requires public water systems to monitor drinking water at specific customers' taps every three years. To check the effectiveness of our pH treatment and to ensure the quality of our drinking water the SCWA performs this testing every year. If lead levels exceed 15 parts per billion (ppb) or copper levels exceed 1.3 parts per million (ppm) in more than 10% of these samples, we must improve our corrosion control (pH treatment). Based on our 2021 LCR results, we have optimal corrosion control. Additional information on our pH treatment can be found on page 37.

### **2021 Lead and Copper Test Results**

The values reported below for lead and copper represent the 90th percentile of the total number of samples collected in each water system. A percentile is a value on a scale of 100 that indicates the percentage of a distribution that is equal to or below it. For Dering Harbor Water District (Distribution Area 64), the 90th percentile is found by averaging the two highest concentrations.

Compound	Unit of Measure	MCL	G Acti	ion Level	Likely	Source
Lead	ug/l	0		15.0	Household	plumbing
Location	Violation Yes/No	Date of Sampling	Number of Samples	Results ug/l	h Percentile ue (ug/l) <sup>1,2</sup>	No. of Samples Over Action Level
SCWA	No	8/03-9/14	50	ND-7.91	ND	0
Fire Island	No	7/15-9/21	23	ND-5.61	3.40	0
Stony Brook	No	8/28-9/6	20	ND-3.73	1.12	0
Riverside	No	8/10-8/21	13	ND-ND	ND	0
E. Farmingdale	No	8/19-8/30	21	ND-1.38	1.03	0
Dering Harbor	No	8/03-8/05	6	ND-1.12	1.06	0

- (1) The 90th percentile value is equal to or greater than 90% of the lead values detected in the water system.
- (2) In this case, 133 total samples were collected from the water systems shown above and the 90th percentile values ranged from ND to 7.91 ug/l for lead. The action level for lead was not exceeded at any of the 133 sites tested.

Compound	Unit of Measure	MCL	G Act	ion Level	Likely	Source
Copper	mg/l	1.3		1.3	Household pl	umbing
Location	Violation Yes/No	Date of Sampling	Number of Samples	Results mg/l	90th Percentile Value (mg/l) <sup>1,2</sup>	No. of Samples Over Action Level
SCWA	No	8/03-9/14	50	0.0327-0.574	0.435	0
Fire Island	No	7/15-9/21	23	ND-0.465	0.426	0
Stony Brook	No	8/28-9/6	20	0.0212-0.586	0.388	0
Riverside	No	8/10-8/21	13	0.0601-0.370	0.246	0
E. Farmingdale	No	8/16-8/30	21	0.0565-0.508	0.249	0
Dering Harbor	No	8/03-8/05	6	0.158-0.663	0.53	0

- (1) The 90th percentile value is equal to or greater than 90% of the copper values detected in the water system.
- (2) In this case, 133 total samples were collected from the water systems shown above and the 90th percentile values ranged from ND to 0.663 mg/l for copper. The action level for copper was not exceeded at any of the 133 sites tested.

laturally Occuring Con	pounds as well as Contaminants		Distribution Area 1	Distribution Area 4	Distribution Area 5
etected Compound	Likely Source	MCL MCLG Unit of Measure	<u>Range of Readings</u> Violation Low High Avg. No. of Yes/No Value Value Value Tests	Range of Readings  Violation Low High Avg. No. of  Yes/No Value Value Value Tests	
Inorganics			* Distribution Area 1 merged with Distribution Area 20 after August 1, 2021	reside value value lesis	resino value value value les
lkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a n/a mg/L	No ND 117.0 36.3 294	No 43.0 58.2 48.2 8	No 33.4 43.4 37.5 10
Muminum Mmonia, free	Naturally occurring Some fertilizers, septic systems	n/a n/a mg/L n/a n/a mg/L	No ND 0.27 0.03 565 No ND 0.25 ND 354	No	No ND 0.07 ND 50 No ND ND ND 10
ntimony	Discharge from petroleum refineries Erosion of natural deposits	6 6 ug/L 10 0 ug/L	No ND ND ND 565 No ND 1.9 ND 565	No ND ND ND 8 No ND ND ND 8	No ND ND ND 50 No ND ND ND 50
Barium	Erosion of natural deposits	2 2 mg/L	No ND 0.08 ND 565	No ND ND ND 8	No ND 0.18 0.04 50
Boron Bromide	Naturally occurring Naturally occurring	n/a n/a mg/L n/a n/a ug/L	No ND 0.59 ND 877 No ND 92.3 ND 341	No ND 0.11 ND 37 No ND ND ND 8	No ND ND ND 12 No ND 52.8 ND 10
	Natural deposits, galvanized pipe Naturally occurring, pH control	5 5 ug/L n/a n/a mg/L	No ND 0.2 ND 565 No ND 55.9 12.3 877	No ND ND ND 8 No ND 0.9 0.6 37	No ND ND ND 50 No 10.2 41.8 17.3 12
Chloride Chromium, total	Naturally occurring salt water intrusion, road sal Natural deposits		No ND 2.0 ND 565	No 3.6 4.3 3.9 8 No ND 0.7 ND 8	No 10.4 136.0 59.3 41 No ND 8.5 1.8 50
CO2, calculated	Naturally occurring	n/a n/a mg/L	No 0.1 19.6 4.1 294	No 1.2 3.5 2.1 8	No 2.9 13.4 7.7 10
Cobalt-59 Color, Apparent	Naturally occurring Naturally occurring metals or minerals	n/a n/a ug/L 15 n/a Color Units	No ND 3.5 ND 565 Yes ND 17 ND 294	No ND ND ND 8 No ND 10 7 8	No         ND         ND         ND         50           No         ND         ND         ND         10
opper luoride	Household plumbing Erosion of natural deposits	AL=1.3 1.3 mg/L 2.2 n/a mg/L	No ND 0.17 ND 565 No ND 0.4 ND 328	No ND 0.03 ND 8 No ND ND ND 8	No ND ND ND 50 No ND ND ND 41
ardness, total	Measure of the calcium and magnesium  Erosion of natural deposits	n/a n/a mg/L n/a n/a ug/L	No 2.2 171.0 36.8 877	No ND 2.8 ND 37	No 41.0 152.0 68.1 12 No ND 7.75 1.83 38
on	Naturally occurring '	300   n/a   ug/L	Yes ND 928 179 877	Yes 183 413 261 37	No ND 55 ND 12
ithium lagnesium	Naturally occurring  Naturally occurring	n/a n/a ug/L n/a n/a mg/L	No ND 9.0 1.9 565 No 0.22 7.81 1.49 877	No ND ND ND 37	No ND 1.7 ND 50 No 3.77 11.60 6.04 12
langanese lolybdenum	Naturally occurring Naturally occurring	300   n/a   ug/L   n/a   n/a   ug/L	No ND 184 ND 877 No ND ND ND 565	No ND ND ND 37 No ND ND ND 8	No ND ND ND 12 No ND ND ND 50
ickel	Alloys, coatings manufacturing, batteries	100 n/a ug/L	No ND 8.1 1.1 565	No ND ND ND 8	No ND 1.4 ND 50
itrite	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks	10 10 mg/L 1 1 mg/L	No ND 6.25 0.66 328 No ND ND ND 328	No ND 0.01 ND 8 No ND ND ND 8	No ND ND ND 41
	Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity	15 5 ug/L n/a n/a pH Units	No ND 3.42 0.15 287 No 6.5 8.8 7.4 615	No ND ND ND 8 No 7.4 7.9 7.7 8	No ND 1.16 0.70 10 No 6.7 8.5 7.1 22
H, field	Measure of water acidity or alkalinity Added to keep iron in solution	n/a n/a pH Units	No 6.0 9.5 7.4 3427	No 6.8 8.1 7.7 43	No 6.7 8.0 7.2 141 No ND ND ND 12
otassium	Naturally occurring	n/a n/a mg/L	No <u>0.22 5.09 0.66 877</u>	No 1.05 1.55 1.23 37	No 0.82 2.13 1.22 12
	Naturally occurring Naturally occurring	n/a n/a mg/L n/a n/a mg/L	No 3.1 8.1 4.8 565 No 2.9 69.7 7.7 877	No 4.2 4.4 4.3 8 No 20.8 27.8 24.0 37	No 6.6 8.4 7.2 50 No 7.6 64.5 17.9 12
pecific Conductance	Total of naturally occurring minerals  Naturally occurring	n/a n/a umho/cm	No 46 564 131 294 No ND 0.222 0.037 565	No 106 149 120 8 No ND ND ND 8	No 145 215 168 10 No 0.034 0.139 0.058 50
ulfate	Naturally occurring	250 n/a mg/L	No ND 50.9 6.6 328	No 7.7 8.5 8.2 8	No 5.0 19.7 11.8 41
urfactants, anionic	Washwater from septic systems Solder used in plumbing	0.50 n/a mg/L n/a n/a ug/L	No ND ND ND 264 No ND ND ND 565	No ND ND ND 6 No ND ND ND 8	No         ND         ND         ND         8           No         ND         ND         ND         50
tanium otal Organic Carbon (TOC)	Naturally occurring	n/a n/a uğ/L n/a n/a mg/L	No ND 12.8 ND 877 No ND ND ND 26	No ND ND ND 37 No 0.6 0.7 0.6 2	No ND ND ND 12 No ND ND ND 2
ırbidity	Silts and clays in aquifer	5 n/a NŤU	No ND 3.1 0.41 294	<u>No</u> ND 0.64 ND 8	No ND 0.53 ND 10
	Naturally occurring Naturally occurring, plumbing	n/a n/a ug/L 5 n/a mg/L	No ND ND ND 565 No ND 0.04 ND 565	No ND ND ND 8 No ND ND ND 8	No         ND         ND         ND         50           No         ND         ND         ND         50
Synthetic Orga	nic Compounds including	Pesticides a	nd Herbicides (August 2	6. 2020 NYS adopts an MCL of 1 pp	b for 1.4 Dioxane, see page 28)
					lo io. i, i dioxano, oce page 20,
lachlor ESA lachlor OA	Degradation product of Alachlor Degradation product of Alachlor	50 n/a ug/L 50 n/a ug/L	No ND ND ND 289 No ND ND ND 289	No ND ND ND 8	No ND ND ND 12 No ND ND ND 12
dicarb Sulfone	Pesticide used on row crops	2 1 ug/L	No ND ND ND 285	No ND ND ND 8	No ND ND ND 12
dicarb Sulfoxide Nordane, Total	Pesticide used on row crops Residue of banned termiticide	4 1 ug/L 2 n/a ug/L	No ND ND ND 285 No ND ND ND 288	No ND ND ND 8 No ND ND ND 8	No ND ND ND 12 No ND ND ND 10
ethyltoluamide (DEET)	Insect Repellent	50 n/a ug/L *1 n/a ug/L	No ND ND ND 282	No ND ND 7	No ND ND ND 9 No ND 1.36 0.49 21
exazinone	Used in manufacturing processes Used as a herbicide	50 n/a ug/L	No ND ND ND 282	No ND ND 7	No ND ND ND 9
etalaxyl etolachlor	Used as a fungicide Used as a soil herbicide	50 n/a ug/L 50 n/a ug/L	No ND ND ND 282 No ND ND ND 282	No ND ND ND 7	No ND ND ND 9 No ND ND ND 9
etolachlor ESA etolachlor OA	Degradation product of Metolachlor Degradation product of Metolachlor	50 n/a ug/L 50 n/a ug/L	No ND ND ND 289 No ND ND ND 289	No ND ND ND 8	No ND ND ND 12
rachloroterephthalic Acid	Degradation product of Metolachiol				No ND ND ND 12
	Used as a herbicide	50 n/a ug/L	No ND ND ND 286	No ND ND ND 8 No ND ND ND 8	
olatile Organic		50 n/a ug/L	No ND ND 286		
olatile Organic		50 n/a ug/L	NO ND ND 286		
nlorobenzene	Compounds From industrial chemical factories	5 n/a ug/L	No_ND_0.22_ND_410_	No ND ND ND 8	No ND ND ND 13
nlorobenzene nlorodifluoromethane	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories	5 n/a ug/L 5 n/a ug/L 5 n/a ug/L		No ND ND ND 8	No ND ND ND 13  No ND ND ND 62  No ND ND ND 62
llorobenzene llorodifluoromethane s-1,2-Dichloroethene 3-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 n/a ug/L 5 n/a ug/L 5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND 410 No ND ND ND 410 No ND 0.19 ND 410	No. ND ND ND 8	No ND ND ND 13  No ND ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene -Dichlorobenzene chlorodifluoromethane	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant	5 n/a ug/L 5 n/a ug/L 5 n/a ug/L 5 n/a ug/L 5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND 410 No ND ND ND 410 No ND 0.19 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND ND ND ND 410	No ND ND ND 8  No ND ND ND 8	No ND ND ND 13  NO ND ND ND 62  NO ND ND ND 62  NO ND ND ND ND 62
alorobenzene lorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene l-Dichlorobenzene chlorodifluoromethane l-Dichloroethane -Dichloroethene	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories	5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND 410 No ND 0.92 ND 410 No ND 0.52 ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 63   NO ND ND ND 64   NO ND 0.57 0.30 62   NO ND 0.31 ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene t-Dichlorobenzene chlorodifluoromethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Erofrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories	5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND ND ND 410 No ND 0.19 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.52 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.52 ND 410 No ND ND ND ND 410	No	No ND ND ND 13  NO ND ND ND 062  NO ND ND ND ND 62  NO ND 0.57 0.30 62  NO ND 0.31 ND 62  NO ND ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene chlorodifluoromethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane hyl Benzene	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a furnigant and insecticide Used as a furnigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities	5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND 410 No ND 0.52 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.21 ND 410 No ND ND ND ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene chlorodifluoromethane 1-Dichloroethane 1-Dichloroethane 2-Dichloropropane hyl Benzene Methyl-2-Pentanone ethylene Chloride sthylethylketone	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Fefrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities From industrial chemical factories Used in the coatings industry	5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND ND ND 410 No ND ND ND HD 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.92 ND 410 No ND 0.52 ND 410 No ND ND ND 410 No ND ND ND 410 No ND ND ND HD 410 No ND ND ND ND 410	No	NO ND ND ND 13   NO ND ND ND 62   NO ND 0.31 ND 62   NO ND 0.31 ND 62   NO ND ND ND ND 62   NO ND 0.26 ND 62   NO ND ND ND 62   NO ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene 4-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane hyl Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline	5 n/a ug/L 5 n/a ug/L 50 n/a ug/L 50 n/a ug/L 10 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.19 ND 410 No ND ND ND 410 No ND ND ND 410 No ND 0.92 ND 410 No ND 0.92 ND 410 No ND 0.52 ND 410 No ND ND ND ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichlorocethene 3-Dichlorobenzene 4-Dichlorobenzene 4-Dichlorodifluoromethane 1-Dichlorocethane 1-Dichlorocethane 2-Dichloropropane hyl Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene m-Xylene	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Fefrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank From paint on inside of water storage tank From paint on inside of water storage tank	5 n/a ug/L 5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.92 ND 410 No ND 0.52 ND 410 No ND ND ND ND 410 No ND 0.43 ND 410 No ND 0.43 ND 410 No ND 0.43 ND 410 No ND 0.92 ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene chlorodifluoromethane 1-Dichloroethane 1-Dichloroethane 2-Dichloroethene 2-Dichloropropane hyl Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene m-Xylene etrachloroethene lluene	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a furnigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities Used in the coatings industry Gasoline From paint on inside of water storage tank	5 n/a ug/L 50 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND 0.92 ND 410 No ND 0.52 ND 410 No ND ND 0.23 ND 410 No ND 0.24 ND 410 No ND 0.27 ND 410	NO	NO ND ND ND 13   NO ND
is-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene ichlorodifluoromethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane thyl Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene m-Xylene strachloroethene bluene 2.4-Trichlorobenzene	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank Discharge from textile-finishing factories	5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND ND ND ND 410 No ND 0.92 ND 410 No ND ND 0.23 ND 410 No ND 0.24 ND 410 No ND 0.27 ND 410 No ND 0.18 ND 410	No	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 62
nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene chlorodifluoromethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane hyle Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene m-Xylene trachloroethene luene 2,4-Trichlorobenzene 1,1-Trichloroethane ichloroethene	Erom industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a furnigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities From paint on inside of water storage tank Betal degreasing sites, factories Metal degreasing sites, factories	5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND 0.92 ND 410 No ND ND ND 410 No ND 0.27 ND 410 No ND 0.28 ND 410 No ND 0.28 ND 410 No ND 0.27 ND 410 No ND 0.28 ND 410 No ND 0.40 ND 410 No ND 0.40 ND 410 No ND 0.34 ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 62
nlorobenzene hlorodifluoromethane s-1,2-Dichloroethene s-1,2-Dichlorobenzene 4-Dichlorobenzene 4-Dichlorodifluoromethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropropane hlyl Benzene Methyl-2-Pentanone ethylene Chloride ethylethylketone ethyl-Tert-Butyl Ether Xylene m-Xylene trachloroethene bluene 2,4-Trichloroethane ichloroethene ichloroethene ichloroethene ichloroethene ichloroethane ichloroethane 2,3-Trichloropopane	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a furnigant and insecticide Used as a furnigant and insecticide Used as a furnigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank Factories, dry cleaners, spills From paint on inside of water storage tank Factories, dry cleaners, spills From paint on inside of water storage tank Bactories of water storage tank From paint on inside of water storage tank Factories for taxilie-finishing factories	5 n/a ug/L	No ND 0.22 ND 410 No ND ND ND ND 410 No ND 0.52 ND 410 No ND ND ND ND 410 No ND 0.43 ND 410 No ND 0.92 ND 410 No ND 0.18 ND 410 No ND 0.18 ND 410 No ND 0.18 ND 410 No ND 0.34 ND 410 No ND 0.34 ND 410 No ND 0.34 ND 410 No ND 0.36 ND 410 No ND 0.160 ND 410 No ND 1.60 ND 410	NO	NO ND ND ND 13   NO ND ND ND 62   NO ND ND ND 62

tootod Compound	npounds as well as Contaminants	MCI J	MGLO	Unit of			tion Area			Distril					_	na- 6	Do"
tected Compound	Likely Source	MCL	MCLG	Unit of Measure		Low I	of Readii High Avo /alue Valu	g. No. of	Violatio		High		No. of Tests	Violatio	n Low	nge of High Value	Avg.
norganics					TCS/NO	value v	value valu	ue lests	103/14	value	value	value	lesis	163/140	value	e value	e value
alinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No N	ID 87	2 52.3	46	_No_	41.2	63.8	54.5	4	No	24.6	33.2	29.2
ıminum	Naturally occurring	n/a	n/a	mg/L	No N				No_	0.02	0.05	0.03	7.		ND ND	0.02 ND	ND ND
nmonia, free timony	Some fertilizers, septic systems  Discharge from petroleum refineries	n/a 6	n/a 6	mg/L ug/L	No N			47 72	No_ No_	ND ND	ND ND	ND ND	7		ND	ND	ND
senic	Erosion of natural deposits	10	0	ug/L	No N	ID NE		72	No_	ND	ND	ND	7		ND	ND	ND
rium	Erosion of natural deposits	2	2	mg/L	No N		8 ND	72	No_	ND	0.03	0.02	7.		ND	ND	ND
ron omide	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ug/L	No_N No_N			46 50	No_ No_	ND ND	ND 72.0	ND 53.7	4		ND ND	ND ND	ND ND
dmium	Natural deposits, galvanized pipe	5	5	ug/L	No N			72	No.	ND	ND	ND	7		ND	ND	ND
ļcium	Naturally occurring, pH control	n/a	n/a	mg/L	No 5.	.0 37.	3 21.6	46	No_	18.5	34.0	25.3	4		8.3	14.9	12.2
loride romium, total	Naturally occurring, salt water intrusion, road salt Natural deposits	250	n/a 100		No 6 No N			129 72	No_	14.5 ND	22.4 10.6	20.1 3.9	7		6.8 ND	17.4 ND	11.6 ND
02, calculated	Naturally occurring	n/a	n/a	ug/L mg/L	No 0			46	No_ No_	3.3	14.6	8.3	4		2.2	7.6	4.7
balt-59	Naturally occurring	n/a	n/a	ug/L	No N			72	No	ND	ND	ND	7	No	ND	ND	ND
lor, Apparent	Naturally occurring metals or minerals	15	n/a		No N			46	No_	ND_	ND	ND	4		ND	ND	ND
pper ioride	Household plumbing	AL=1.3		mg/L	No N			72	No_	ND_	ND_	ND_	7		ND	ND ND	ND
rdness. total	Erosion of natural deposits  Measure of the calcium and magnesium	n/a	n/a n/a	mg/L mg/L	No N	ID NE 0.3 126		129 46	No_	ND 62.4	ND 105.0	ND 82.0	4		ND 24.1	48.9	ND 37.9
xavalent Chromium	Erosion of natural deposits	n/a	n/a	ug/L	No N			71	No	ND	10.30	5.01	7		ND	0.20	0.10
n <sub>.</sub>	Naturally occurring	300		uğ/L	No N			46	No_	ND	41	ND	4		ND	ND	ND
nium anasium	Naturally occurring	n/a	n/a	ug/L	No N			72	No_	ND 204	ND	ND_	7		ND	<u>ND</u> 2.91	ND 1 70
gnesium nganese	Naturally occurring Naturally occurring	n/a 300	n/a n/a	mg/L ug/L	No 1 No N	.36 8.7 ID NE		3 46 46	No_ No_	3.94 ND	5.25 ND	4.58 ND	4		0.80 ND	2.91 ND	1.78 ND
lybdenum	Naturally occurring	n/a	n/a	ug/L	No N	ID NE		72	No_	ND	ND	ND	7		ND	ND	ND
kél	Alloys coatings manufacturing batteries	100	n/a	ug/L	No N	ID 3.5	0.5	72	No_	ND	0.7	ND	7	No	0.7	1.3	1.0
rate	Natural deposits, fertilizer, septic tanks	10	10	mg/L		.38 9.3			No_	4.12	8.54	6.32	7			3.74	2.57
rite rchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	15	5	mg/L ug/L	No N			128 66	No_	ND 0.13	ND 2.69	<u>ND</u> 1.42	7		ND 0.79	ND 1.92	ND 1.38
- IOIOIO	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No 6			98	No_	5.7	8.1	7.1	11		6.9	7.5	7.1
field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No 6	.4 9.5	7.3	647	No_	6.5	7.7	7.1	159	No	6.9	8.0	7.2
osphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No N			46	No_	ND_	ND_	ND_	4		ND_	ND_	ND 0.74
assium con	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No 0.			2 46 72	No_	0.78 6.5	1.07 7.8	1.00 7.0	7		0.51 3.8	0.95 4.0	0.71 3.9
dium	Naturally occurring	n/a	n/a	mg/L	No 5			46	No_	8.5	12.8	11.6	4		5.0	10.3	7.3
cific Conductance	Total of naturally occurring minerals	n/a	n/a	umho/cm	No 7	5 394	4 213	46	No_	206	279	244	4	No	81	165	124
ontium-88	Naturally occurring	n/a	n/a	mg/L	No 0		113 0.08		No_	0.060	0.092	0.079	7.		0.016		0.03
fate factants, anionic	Naturally occurring Washwater from septic systems	250	n/a n/a	mg/L mg/L	No N			129 43	No_	7.1 ND	_11.4_ ND	9.9 ND	7 -		ND ND	8.5 ND	4.0 ND
idolanto, anionio	Solder used in plumbing	n/a	n/a	ug/L	No N			43 72	No_	ND ND	ND	ND ND	7		ND	ND	ND
anium	Naturally occurring	n/a	n/a	uğ/L	No N	ID NE	) ND	46	No_	ND	ND	ND	4	No	ND	ND	ND
al Organic Carbon (TOC)	Naturally occurring	n/a	n/a	mg/L	No N			4	No_	ND	ND_	ND_	2		ND	ND 0.75	ND_
bidity nadium	Silts and clays in aquifer Naturally occurring	1 5 n/a	n/a n/a		No N			46 72	No_	ND	0.64 ND	0.42 ND	7		ND ND	0.75 ND	ND ND
C	Naturally occurring plumbing	11/a		ug/L	No N		D ND	72	_No_	_ND_	ND			INO	UND	IND	
	Tradatany cocarring, plantoling	- 5	n/a	mg/L	No_N	ID NE	) ND	72	_No_	ND	ND	ND		No	ND	ND	ND
	nic Compounds including														ND	ND	
ynthetic Orga	nic Compounds including	Pes	tici	des a	nd He	erbici	ides (	August 2	26, 2020	NYS ad	lopts ar	MCL of	1 ppl	b for 1,4	ND 4 Dioxa	ND ane, se	e page
ynthetic Orga	nic Compounds including	Pes 50	stici	des a	nd He	e <mark>rbic</mark> i	ides (	August 2		NYS ad	lopts ar	MCL of	i 1 ppl	b for 1,4	ND 4 Dioxa	ND ane, se	e page
Inthetic Orga	nic Compounds including  Degradation product of Alachlor  Degradation product of Alachlor	Pes 50 50 50	n/a	des a	nd He	erbici	ides (	August 2 50 50	No_No_	NYS ad	ND ND	ND ND	f 1 ppl	b for 1,4 No No	ND 4 Dioxa ND ND	ND  ND  ND  ND	e page ND ND
ynthetic Orga chlor ESA chlor OA icarb Sulfone	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops	Pes 50	stici	ug/L ug/L ug/L	No N	erbici	ides (	August 2 50 50 70	No No No	NVS ad	ND ND ND	ND ND ND	i 1 ppl	No No No No	ND ND ND ND	ND ane, se	e page
ynthetic Orga chlor ESA chlor OA cicarb Sulfone icarb Sulfoxide ordane, Total	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide	50 50 2 4 2	n/a n/a n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID NEID NEID NEID NEID NEID NEID NEID NE	D ND D ND D ND D ND D ND	50 50 70 70 44	No _	NP ad	ND ND ND ND ND	ND ND ND ND ND	4 4 4 4 4	No No No No No No	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND
chlor ESA chlor OA chlor OA cicarb Sulfone cicarb Sulfone cicarb Sulfoxide ordane, Total thyltoluamide (DEET)	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent	50 50 2 4	n/a n/a n/a 1 1 n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	NO N	Erbici  ID NE  ID NE  ID NE  ID NE  ID NE  ID NE	D ND D ND D ND D ND D ND D ND	50 50 70 70	No _	NPS ad	ND ND ND ND ND ND	ND ND ND ND ND ND	4 4 4 4	No No No No No No	ND ND ND ND ND ND ND	ND	ND ND ND ND ND ND
ynthetic Orga chlor ESA chlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET). Dioxane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes	50 50 2 4 2 50 *1	n/a n/a n/a 1 1 n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	Erbici  ID NE	D ND	50 50 70 70 44 45 83	No _	NYS ad  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	4 4 4 4 4 4 7	No No No No No No No No No	ND N	ND N	ND ND ND ND ND ND ND ND
	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide	50 50 2 4 2 50 *1 50 50	n/a n/a n/a 1 1 n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID NE	D ND	50 50 70 70 44	No N	NP ad	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND	4 4 4 4 4	No No No No No No No No No No	ND N	ND	ND ND ND ND ND ND
ynthetic Orga chlor ESA chlor OA cicarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane kazinone talaxyl tolachlor	Degradation product of Alachlor Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide	50 50 2 4 2 50 50 50 50 50 50	n/a n/a n/a 1 1 n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No N No	ID NE	D ND	50 50 70 70 44 45 83 45 45	No No No No No No No No No No	NPS add	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	4 4 4 4 4 4 7 4 4 4	No No No No No No No No No No No No No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND
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chlor ESA chlor OA chlor OA chlor OA chlor OA cicarb Sulfone icarb Sulfone icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azinone ialaxyl tolachlor tolachlor OA achloroterephthalic Acid  colachlor OA achloroterephthalic Acid  colachloroterephthalic Acid  colachlorotethane -Dichlorotethane -Dichlorotethane thylethylktone thylethylktone thylethylktone thyl-Tert-Butyl Ether ylene -Achlorotethane -Acidorotethane -Acidoroteth	Degradation product of Alachlor Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From manufacturing facilities From manufacturing facilities From manufacturing facilities From paint on inside of water storage tank	500 500 500 500 500 500 500 500 500 500	n/a	Ug/L	NO N NO	ID NC	0 ND	215 215 215 215 215 215 215 215 215 215	No.	NYS add	ND N	ND N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No N	ND N	ND N	ND N
chlor ESA chlor OA icarb Sulfone icarb Sulfone icarb Sulfone icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane kazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid cordifluoromethane -1,2-Dichloroethene -Dichlorobenzene -Dichloroethene -Tylene -Xylene -Xylene -Trichloroethene uene -4-Trichloroethane	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From paint on inside of water storage tank Factories Metal degreasing sites, factories	500 500 500 500 500 500 500 500 500 500	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID NC	0 ND	50 50 70 44 45 83 45 45 50 50 59 215 215 215 215 215 215 215 215 215 215	NoNoNoNoNoNoNoNo.	NYS add	ND N	ND N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No N	ND N	ND	ND N
chlor ESA chlor OA icarb Sulfone icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azinone talaxyl tolachlor ESA colachlor COA achloroterephthalic Acid colachlor OA achloroterephthalic Acid colachloroterephthalic Acid colachloroterephthalic Acid colachloroterephthalic Acid colachloroterephthalic Acid colachlorotethane -Dichlorotencene -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichlorotethane -Tirichlorotethane -Trichlorotethane -Trichlorotethane -Trichlorotethane	nic Compounds including  Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From paint on inside of water storage tank Factories Metal degreasing sites, factories	500 500 500 500 500 500 500 500 500 500	n/a	Ues a  Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/L Ug/	NO N	ID NE	0 ND	August 2  50 50 70 70 44 45 83 45 45 50 50 50 50 50 50 50 50 50 50 50 50 50	No	NYS ad  ND	ND N	ND N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No N	ND N	ND N	ND N
chlor ESA chlor OA icarb Sulfone icarb Sulfone icarb Sulfone icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane kazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid cordifluoromethane -1,2-Dichloroethene -Dichlorobenzene -Dichloroethene -Tylene -Xylene -Xylene -Trichloroethene uene -4-Trichloroethane	Degradation product of Alachlor Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From manufacturing facilities From manufacturing facilities From manufacturing facilities From paint on inside of water storage tank	500 500 500 500 500 500 500 500 500 500	n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	NO N NO	ID NC	0 ND	50 50 70 44 45 83 45 45 50 50 59 215 215 215 215 215 215 215 215 215 215	NoNoNoNoNoNoNoNo.	NYS add	ND N	ND N	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	No N	ND N	ND	ND N

Naturally Occuring Com	npounds as well as Contaminants			C	Distribution	Area 9		Distribu	ution A	rea 10		Distribut	ion Area	11
etected Compound	Likely Source	MCL MCLG	Unit of Measure			Readings Avg. No. of Value Tests		n Low		Avg. No. of		n Low I		g. No
norganics				Tes/No	value value	e value lests	res/No	value	value	value lests	res/No	value v	zaiue vaii	ue i
kalinity to pH 4.5 mg CaCO3/L		n/a n/a			6.0 95.4	56.4 20	No_		70.8	41.9 34 0.03 58		ND 103 ND 0.1		
mmonia, free	Naturally occurring Some fertilizers, septic systems	n/a n/a	mg/L	No N	D ND	0.02 42 ND 20	No_ No_	ND ND	0.05 ND	ND 39	_No_	ND NE	) ND	4
	Discharge from petroleum refineries  Erosion of natural deposits	6 6	ug/L ug/L	No N		ND 42 ND 42	No_	ND ND	ND ND	ND 58 ND 58		ND NE		52 52
arium	Erosion of natural deposits Naturally occurring	2 2 n/a n/a	mg/L	No N	D 0.03	ND 42	No_	ND	0.04	ND 58	_No	ND 0.0	6 0.02	5 5
romide	Naturally occurring	n/a n/a	ug/L	No N	D 60.1	ND 20 ND 20	No_ No_	ND ND	ND 52.9	ND 38	_No	ND 322	.0 56.7	4:
	Natural deposits, galvanized pipe Naturally occurring, pH control	5 5 n/a n/a	ug/L mg/L	No N No 16		ND 42 25.2 20	No_	ND 12.0	ND 32.8	ND 58 20.7 34		<u>ND NC</u> 9.6 49.		5 5
hloride	Naturally occurring,salt water intrusion,road sa Natural deposits		mg/L	No 9.	.8 35.8	21.5 98	_No_	11.6	41.2	21.3 183	_No_	9.9 70. ND 3.2	1 42.2	13
O2, calculated	Naturally occurring	n/a n/a	mg/L	No N No 1.	.5 11.1	1.5 42 5.1 20	No_ No_	ND 1.6	3.5 11.7	5.6 34	_No_	0.8 16.	5 6.4	4:
obalt-59 olor, Apparent	Naturally occurring Naturally occurring metals or minerals	n/a n/a 15 n/a		No N		ND 42 ND 20	No_	ND ND	1.2 5	ND 58 ND 34		ND 2.3 ND 7		5 4
opper	Household plumbing	AL=1.3 1.3	mg/L	No N	D 0.03	ND 42	No_	ND	0.05	ND 58	_No	ND 0.0	3 ND	5 13
ardness, total	Erosion of natural deposits  Measure of the calcium and magnesium	n/a n/a	mg/L	No <u>N</u>	0.6 131.0	ND 98 87.5 20	No_ No_		ND 109.0	ND 183 68.9 34	_No_	ND NE 29.0 148	.0 75.5	5
exavalent Chromium	Erosion of natural deposits Naturally occurring	n/a n/a 300 n/a		No N		1.32 43 ND 20	No_ No_	ND ND	3.50 175	0.60 58 ND 34		ND 2.8 ND 260		5 5
thium	Naturally occurring	n/a n/a	ug/L	No N	D 2.5	ND 42	No_	ND	ND	ND 58	_No	ND NE	D ND	5
anganese	Naturally occurring Naturally occurring	n/a n/a 300 n/a	uğ/L	No 2.	D ND	5.97 20 ND 20	No_	1.38 ND	7.06 ND	4.16 34 ND 34	_No_	1.19 6.5 ND 90	21	5 5
olybdenum	Naturally occurring Alloys, coatings manufacturing, batteries	n/a n/a 100 n/a	ug/L	No N	D ND	ND 42 0.7 42	No No	ND ND	ND 2.0	ND 58 0.8 58		ND NE		5 5
trate	Natural deposits, fertilizer, septic tanks	10 10	mg/L	No 0.	.64 8.89	6.77 98	_No_	2.51	8.82	6.63 181	_No	1.84 8.6	9 6.12	13
erchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	1 1 15 5	mg/L ug/L	No N		ND 98 0.93 26	No_ No_	ND ND	ND 3.83	ND 181 1.95 63		ND NE ND 2.4	6 0.88	13 4
1	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a n/a n/a n/a	pH Units	No 5.	9.0	7.3 47 7.3 316	No_	6.6 6.2	8.9 9.0	7.2 65 7.2 653	_No_	6.7 8.6 6.8 8.5	7.2	8 49
nosphate, total	Added to keep iron in solution	n/a n/a	mg/L	No N	D ND	ND 20	No_	ND	ND	ND 34	No	ND NE	D ND	5
	Naturally occurring Naturally occurring	n/a n/a n/a n/a		No 0. No 4.		1.21 20 7.0 42	No_	0.64 3.5	1.40 8.2	1.04 34 6.2 58		0.62 2.1 3.9 7.4		5 5
odium	Naturally occurring Total of naturally occurring minerals	n/a n/a n/a n/a	mg/L	No 10	0.1 22.3	15.3 20	No_ No_	7.6 122	16.2 322	11.6 34 213 34	_No	6.6 32. 103 44	8 18.8	
rontium-88	Naturally occurring	n/a n/a	mg/L	No 18 No 0.	.051 0.137	0.093 42	No_	0.026	0.148	0.089 58	_No_	0.021 0.	129 0.0	69 5
	Naturally occurring Washwater from septic systems	250 n/a 0.50 n/a		No 3.		15.5 98 ND 16	No_	ND ND	30.1 ND	13.2 183 ND 33		ND 17. ND NC		13 4
n i	Solder used in plumbing Naturally occurring	n/a n/a	ug/L	No_N	D ND	ND 42	No_	ND	ND	ND 58	_No_	ND NE	D ND	5 5
ital Organic Carbon (TOC)	Naturally occurring	n/a n/a n/a n/a	mg/L	No N	D ND	ND 20 ND 4	No_ No_	ND ND	ND ND	ND 34 ND 4	No	ND NE	) ND	4
urbidity anadium	Silts and clays in aquifer Naturally occurring	5 n/a n/a n/a		No N		0.42 20 ND 42	No_	ND ND	0.99 1.0	ND 34 ND 58		ND 1.4 ND ND		<u>4</u> ;
	Naturallý occurring, plumbing	5 n/a		No N		ND 42	No_		0.04	ND 58	_No	ND NE	) ND	52
Synthetic Organ	nic Compounds including	Pestici	des a	nd He	rbicid	<b>es</b> (August :	26, 2020 I	NYS add	opts an	MCL of 1 pp	b for 1,4	Dioxane,	, see pag	e 28)
lachlor ESA	Degradation product of Alachlor	50 n/a	ug/L	No_N	D ND	ND 21	_No_	ND	ND	ND 38	No	ND NE	) ND	4
achlor OA	Degradation product of Alachlor	50 n/a	ug/L	No N	D ND	ND 21	_No_	ND	ND	ND 38	_No	ND NE	D ND	4
dicarb Sulfone dicarb Sulfoxide	Pesticide used on row crops Pesticide used on row crops	2 1	ug/L ug/L	No N		ND 22 ND 22	No_ No_	ND ND	ND ND	ND 38 ND 38		ND NE ND NE		4
	Residue of banned termiticide	2 n/a 50 n/a	uğ/L	No N	D ND	ND 20	No_	ND	ND	ND 41		ND NE		7 4
4-Dioxane ` ´	Used in manufacturing processes	*1 n/a		No_N		ND 20	No_	_ND	ND 1.09 (	ND 37	LIVU	IND IND		8
		11/4		No_N		0.83 41	No_			J.44 UJ		ND 1.2	1 0.77	
	Used as a herbicide Used as a fungicide	50 n/a	ug/L	No N	D ND	ND 20	No_	ND	ND	ND 37	No	ND NE	ND	
etolacillor etolachlor ESA	Used as a fungicide Used as a soil herbicide	50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L	No N No N	D ND D ND D ND	ND 20 ND 20 ND 20	No_ No_ No_	ND ND ND	ND ND ND	ND 37 ND 37 ND 37	No No No	ND NE ND NE ND NE	) ND ) ND ) ND	4
etolachlor ESA etolachlor OA	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L	No Ni No Ni No Ni No Ni No N	D ND D ND D ND D ND D ND	ND 20 ND 20 ND 20 ND 21 ND 21	No No No No No	ND ND ND ND	ND ND ND ND	ND 37 ND 37 ND 37 ND 38 ND 38	No No No No	ND NE ND NE ND NE ND NE	) ND ) ND ) ND ) ND ) ND	4 4 4 4
etolachlor ESA etolachlor OA	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L	No Ni No Ni No Ni No Ni No N	D ND D ND D ND D ND D ND	ND 20 ND 20 ND 20 ND 21	No	ND ND ND ND	ND ND ND ND	ND 37 ND 37 ND 37 ND 38	No No No No	ND NE ND NE ND NE	) ND ) ND ) ND ) ND ) ND	4- 4- 4- 4- 5
etolachlor ESA etolachlor OA rachloroterephthalic Acid	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L	No Ni No Ni No Ni No Ni No N	D ND D ND D ND D ND D ND	ND 20 ND 20 ND 20 ND 21 ND 21	No No No No No	ND ND ND ND	ND ND ND ND	ND 37 ND 37 ND 37 ND 38 ND 38	No No No No	ND NE ND NE ND NE ND NE	) ND ) ND ) ND ) ND ) ND	4 4 4 4
atolachlor ESA stolachlor OA rachloroterephthalic Acid olatile Organic	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No Ni No Ni No Ni No Ni No N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 21	No N	ND ND ND ND ND ND	ND ND ND ND ND ND	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38	No No No No No No	ND NE ND NE ND NE ND NE	) ND ) ND ) ND ) ND ) ND ) ND ) ND	4 4 4 4 5
atolachlor ESA atolachlor OA rachloroterephthalic Acid  olatile Organic alorobenzene alorodifluoromethane	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No Ni Ni No Ni Ni No Ni Ni No Ni Ni No Ni Ni No Ni	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76	No N	ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND 37 ND 37 ND 37 ND 37 ND 38 ND 38 ND 39	No No No No No No	ND NE ND NE ND ND ND ND ND 1.1	D ND	4 4 4 5 5
tolachlor ESA tolachlor OA achloroterephthalic Acid  olatile Organic  llorobenzene llorodifluoromethane s-1.2-Dichlorocethene	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant Used as a refrigerant Used case of the mical factories	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/a 5 n/a 5 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No Ni	D ND D ND D ND ND ND ND ND ND ND ND ND N	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76 ND 76	No	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND 37 ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 39	No No No No No No No	ND NE ND NE ND	D ND	20 20 20 20
etolachlor ESA etolachlor OA achloroterephthalic Acid  clarile Organic elorobenzene elorodifluoromethane e-1,2-Dichlorobenzene elorothorobenzene elorothorobenzene elorothorobenzene	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO NI NI NO NI	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76 ND 76 ND 76	No	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 39 ND 27 ND 127 ND 127 ND 127 ND 127 ND 127 ND 127 ND 127	No No No No No No No No No No No No No N	ND N	0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND	20 20 20 20 20 20
tolachlor ESA tolachlor OA achloroterephthalic Acid  olatile Organic  lorobenzene lorodifluoromethane -1,2-Dichlorotenzene -Dichlorobenzene -Dichlorobenzene -Dichlorotentane	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant aerosol propellant	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76 ND 76 ND 76 ND 76 ND 76 ND 76 ND 76 ND 76 ND 76	No.	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 27 ND 127 ND	No No No No No No No No No No No No No N	ND N	0 ND 0 ND 0 ND 0 ND 0 ND 1 ND 0 ND 1 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0	20 20 20 20 20 20 20 20 20 20 20 20 20 2
etolachlor ESA etolachlor OA achloroterephthalic Acid  clarile Organic elorobenzene elorodifluoromethane el-Dichlorobenzene elorodifluoromethane elorodifluoromethane elorodifluoromethane elolorodifluoromethane elolorotethane elolorotethene	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76	No.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No No No No No No No No No No No No No N	ND N	0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 1 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0	20 20 20 20 20 20 20 20 20 20 20 20 20 2
atolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic  alorobenzene alorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichloroethane 1-Dichloroethane 1-Dichloroethane 2-Dichloropenpane h-Dichloropenpane h-Dichloropenpane h-Dichloropenpane h-Dichloropenpane h-Dichloropenpane h-Dichloropenpane h-Dichloropene	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories Erom paint on inside of water storage tan	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76	No.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 27 ND 127 ND	No N	ND N	0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND	20 20 20 20 20 20 20 20 20 20 20 20 20 2
etolachlor ESA etolachlor OA rachloroterephthalic Acid.  Colatile Organic color colo	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From industrial chemical factories From industrial chemical factories From manufacturing From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories	50 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 39 ND 127 ND 127	No N	ND NE ND NE ND NE ND NE ND NE ND NE NE NE ND NE	0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND 0 ND	200 200 200 200 200 200 200 200 200 200
etolachlor ESA etolachlor OA rachloroterephthalic Acid  folatile Organic  folatile O	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing facilities From industrial chemical factories From manufacturing facilities From industrial chemical factories	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 26 ND 76 ND 76	No.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 39 ND 27 ND 127 ND	No N	ND N	0 ND	20 20 20 20 20 20 20 20 20 20 20 20 20 2
atolachlor ESA etolachlor OA rachloroterephthalic Acid olatile Organic olatile	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From jactories From industrial chemical factories From industrial chemical factories From manufacturing From industrial chemical factories From manufacturing facilities From manufacturing facilities From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tan	50 n/a 5 n/a		NO NI NI NO NI	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 21 ND 26  ND 76	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No N	ND NE ND NE ND NE ND NE ND NE NE ND NE NE ND NE NE ND	0 ND	20 20 20 20 20 20 20 20 20 20 20 20 20 2
etolachlor ESA etolachlor OA rachloroterephthalic Acid olatile Organic olatile	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tan	50 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 127 ND 127	No N	ND NE	0 ND	200 200 200 200 200 200 200 200 200 200
atolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic  colatile O	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant subsection of the section of t	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/	Ug/L   Ug/L	NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 21 ND 26 ND 76	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No N	ND NE ND NE ND ND ND NE ND	) ND	200 200 200 200 200 200 200 200 200 200
ctolachlor ESA etolachlor OA rachloroterephthalic Acid rachloroterephthalic Acid rachloroterephthalic Acid rachloroterephthalic Acid rachloroterephthalic Acid rachloroterephthalic Acid rachloroterephthalic rachloroterephthalic rachlorotethane 1-Dichlorotethane 1-Dichlorotethane 1-Dichlorotethane 2-Dichlorotethane 2-Dichlorotethane rachlorotethalic rachlorotethene ethylene Chloride ethylene Chloride ethylene Tert-Butyl Ether Xylene rachlorotethene liuene 2,4-Trichlorotethane 2,4-Trichlorotethane	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tan	50 n/a 5 n/a		NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No   No   No   No   No   No   No   No	ND	0 ND	44 44 44 44 45 55 200 200 200 200 200 200 200 200 200
etolachlor ESA etolachlor OA rachloroterephthalic Acid olatile Organic olatile	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing facilities From paint on inside of water storage tan Factories, dry cleaners, spills From paint on inside of water storage tan Factories from textile-finishing factories Metal degreasing sites, factories Metal degreasing sites, factories	50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 5 n/		NO N NO N NO N NO N NO N NO N NO N NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 21 ND 26  ND 76	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No N	ND N	0 ND	200 200 200 200 200 200 200 200 200 200
colachlor ESA etolachlor OA rachloroterephthalic Acid olatile Organic Organic olatile Organic olatile Organic Organic olatile Organic	Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From industrial chemical factories From industrial chemical factories From manufacturing facilities From manufacturing facilities From manufacturing facilities From modustrial chemical factories From modustrial chemical factories From paint on inside of water storage tan	50 n/a		NO N	D ND	ND 20 ND 20 ND 20 ND 21 ND 21 ND 21 ND 26 ND 76	No.	ND N	ND N	ND 37 ND 37 ND 37 ND 38 ND 38 ND 38 ND 39 ND 27 ND 127 ND 127	No   No   No   No   No   No   No   No	ND NE ND ND NE ND	0 ND	4 4 4 4 4 4 4 5 5 20 20 20 20 20 20 20 20 20 20 20 20 20

Naturally Occuring Cor	npounds as well as Contaminants	<u> </u>		Distribution Area 12	Distribution Area 14	Distribution Area 15
Detected Compound	Likely Source		Unit of Measure		Range of Readings  Violation Low High Avg. No. of  Yes/No Value Value Value Tests	Range of Readings Violation Low High Avg. No. of Yes/No Value Value Value Tests
Inorganics						
Iron Lithium Magnesium Manganese Molybdenum Nickel Nitrate Nitrite Perchlorate pH pH, field Phosphate, total Potassium Specific Conductance Strontium-88 Sulfate Surfactants, anionic Tin Titanium Total Organic Carbon (TOC) Turbidity Vanadium Zinc	Naturally occurring Some fertilizers, septic systems Discharge from petroleum refineries Erosion of natural deposits Erosion of natural deposits Naturally occurring Naturally occurring Naturally occurring, pH control Naturally occurring, pH control Naturally occurring, pH control Naturally occurring, pH control Naturally occurring Natural deposits, fertilizer, septic tanks Natural deposits, ferti	100 100 100	pH Units mg/L mg/L mg/L mg/L umho/cm mg/L mg/L ug/L ug/L ug/L ug/L ug/L mg/L	No         ND         0.200         0.054         487           No         ND         29.9         13.0         469           No         ND         ND         ND         239           No         ND         ND         ND         487           No         ND         6.2         ND         492           No         ND         0.5         ND         26           No         ND         3.3         0.63         274           No         ND         5.4         ND         487           No         ND         0.04         ND         487	No ND 51.2 24.7 14 No ND 0.03 ND 14 No ND ND ND 14 No ND 15 ND 14 No ND 15 ND 14 No ND ND ND 14 No ND 15 ND 14 No ND 16 ND ND 14 No ND 143 0.31 14 No ND 16 ND ND 14 No ND 17 ND ND 14 No ND ND ND ND	No ND 115.0 47.9 169 No ND 0.12 0.03 220 No ND 0.12 0.03 220 No ND 0.28 ND 184 NO ND ND ND 220 NO ND 1.2 ND 220 NO ND 1.2 ND 220 NO ND 1.0 0.02 220 NO ND ND ND ND 220 NO ND ND ND ND 220 NO ND ND ND 220 NO ND ND ND 220 NO ND 1.2 ND 220 NO ND 1.2 ND 220 NO ND 1.2 ND 169 NO ND 4.3 1.1 220 NO 0.4 29.3 6.3 169 NO ND 1.2 ND 169 NO ND 1.2 ND 169 NO ND 1.2 ND 169 NO ND 1.3 6161.0 73.4 241 NO ND ND ND ND 220 NO ND ND ND ND 492 NO 13.6 161.0 73.4 241 NO ND 4.09 0.93 187 Yes ND 582 58 240 NO ND 1.3 616.0 73.4 241 NO ND 1.3 15 240 NO ND 1.3 15 220 NO 0.08 9.81 4.65 492 NO ND 1.3 75 0.91 202 NO 0.16 1.8 9 7.2 295 NO 6.1 8.9 7.2 295 NO 6.1 8.9 7.3 2013 NO ND 4.76 0.40 240 NO 0.36 3.21 1.26 240 NO 0.36 3.21 1.26 240 NO 0.36 3.21 1.26 240 NO 0.37 50.91 202 NO ND 1.83 0.064 220 NO ND 1.83 0.064 220 NO ND ND ND ND 220 NO ND 0.183 0.064 220 NO ND 0.08 ND 169 NO ND ND ND ND 220 NO ND 0.08 ND 169 NO ND ND ND ND 220 NO ND 0.08 ND 169 NO ND ND ND ND 220 NO ND 0.08 ND 169 NO ND ND ND ND 220 NO ND 0.08 ND 169 NO ND 0.08 ND 169 NO ND 0.05 ND 220
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) 1,4-Dioxane Hexazinone Metalaxyl Metolachlor Metolachlor ESA Metolachlor OA Tetrachloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 n/a 50 n/a 2 1 4 1 2 n/a 50 n/a *1 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a 50 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         ND         ND         ND         265           No         ND         ND         ND         265           No         ND         ND         ND         266           No         ND         ND         ND         266           No         ND         ND         ND         283           No         ND         ND         ND         259           No         ND         ND         ND         17         406           No         ND         ND         ND         259           No         ND         ND         ND         259           No         ND         ND         ND         259           No         ND         ND         ND         265	No. ND ND ND 14   No. ND ND ND ND 14   No. ND ND ND ND 14   No. ND ND ND ND 14	No ND ND ND 187 No ND ND ND 187 No ND ND ND ND 181 No ND ND ND ND 181 No ND ND ND ND 179 No ND 0.28 ND 174 No ND 0.82 0.22 262 No ND ND ND ND 174 NO ND ND ND ND 174 NO ND ND ND ND 174 NO ND ND ND ND 187
Cis-1,2-Dichloroethene 1,3-Dichlorobenzene 1,4-Dichlorobenzene Dichlorodifluoromethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Ethyl Benzene 4-Methyl-2-Pentanone Methylene Chloride Methylethylketone Methylethylketone Methyl-Tert-Butyl Ether o-Xylene p,m-Xylene Tetrachloroethene Toluene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane Trichloroethene Trichlorofluoromethane 1,2,3-Trichloroppane	From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From industrial chemical factories Used in the coatings industry	50 n/a 50 n/a 50 n/a 10 n/a k 5 n/a k 5 n/a 5 0 k 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a 5 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND 0.26 ND 596 No ND 1.03 ND 596 No ND ND ND 596 No ND 1.67 ND 596 No ND 1.74 ND 596 No ND 1.25 ND 596 No ND ND ND ND 596 No ND 0.34 ND 596 No ND 0.42 ND 596 No ND 0.42 ND 596 No ND 0.42 ND 596 No ND 5.99 ND 596 No ND 5.99 ND 596 No ND 1.79 ND 596 No ND 1.79 ND 596 No ND 1.30 ND 596 No ND ND ND 596 No ND ND ND 596 No ND 1.14 ND 596 No ND 1.14 ND 596 No ND 1.14 ND 596 No ND 0.92 ND 596 No ND 1.14 ND 596 No ND ND ND 596	No	No ND 0.38 ND 404 No ND ND ND ND 404 No ND 1.95 ND 404 No ND 1.93 ND 404 No ND 1.93 ND 404 No ND ND ND ND 1.92 ND 404 No ND 0.68 ND 404

	npounds as well as Contaminants				L	Distribution	n Area 2	0		Distrib	ution A	rea 23			Distril	bution	Area 2	6
etected Compound	Likely Source	MCL N	MCLG	Unit of Measure	Violation Yes/No	Low Hig	Reading	No. of	Violatio Vos/No	n Low	High	eadings Avg. N			n Low	High	Reading Avg.	No. o
norganics					* Distri	Value Value bution Area 20	) merged to	become	res/No	Value	Value	Value	Tests	Yes/No	Value	e Value	e Value	Tes
		,	,			bution Area 1												
kalinity to pH 4.5 mg CaCO3/L luminum	Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No N	ID 0.09	37.1 0.02	52 81	No_ No_	ND ND	99.0 0.14	0.03	107 127	No		0.10	56.9 0.02	28 28
mmonia, free ntimony	Some fertilizers, septic systems Discharge from petroleum refineries	n/a 6	n/a 6	mg/L ug/L	No N		ND ND	61 81	No _No	ND ND	ND ND		138 127			ND ND	ND ND	29 28
senic	Erosion of natural deposits	10	0	ug/L	No N	ID 2.5	ND	81	No_	ND	ND	ND 1	127	No	ND	ND	ND	28
arium oron	Erosion of natural deposits  Naturally occurring	n/a	n/a	mg/L mg/L	No N		ND ND	81 143	<u>No</u> No	ND ND	0.09 ND		127 188		0.02( ND	0.10 ND	0.05 ND	28 132
romide	Naturally occurring	n/a	n/a	ug/L	No N	ID 79.0	ND	57	No_	ND	157.0	ND 1	126	No	ND 1	57.0	75.1	32
admium alcium	Natural deposits, galvanized pipe Naturally occurring, pH control	5 n/a	n/a	ug/L mg/L	No N		ND 10.3	81 143	No_ No_	ND 3.6	ND 48.0		127 188			ND 59.8	ND 21.2	28 132
hloride hromium, total	Naturally occurring, salt water intrusion, road sal	t 250 100	n/a 100	mg/L	No 5	.9 55.7	13.1	53	No_	9.8 ND	74.6 2.2		257 127			79.0 1.0	45.6 ND	32 28
O2, calculated	Naturally occurring	n/a	n/a	ug/L mg/L	No 1	.1 13.8	ND 4.3	81 52	No_ No_	0.7	10.7	3.7	107	No	1.3	11.0	4.8	28
obalt-59 olor, Apparent	Naturally occurring Naturally occurring metals or minerals	n/a 15	n/a n/a	ug/L Color Units	No N		ND ND	81 52	<u>No</u> _ No_	ND ND	4.3 12		127 107			1.2 12	ND ND	28 28
opper	Household plumbing	AL=1.3	1.3	mg/L	No N	ID 0.10	ND	81	No_	ND	0.09	ND ′	127	No	ND (	0.03	ND	28
uoride ardness, total	Erosion of natural deposits  Measure of the calcium and magnesium	2.2 n/a	n/a n/a	mg/L mg/L	No No 2		ND 32.2	53 143	No_ No_	ND 15.4	<u>ND</u> 148.0		257 188			ND 197.0	ND 80.4	32 132
exavalent Chromium	Erosion of natural deposits	n/a	n/a	uğ/L	No N	ID 0.66	0.19	53	No_	ND	1.97	0.31	107	No	ND .	1.74	0.20	28
on thium	Naturally occurring Naturally occurring	300 n/a	n/a n/a	ug/L ug/L	Yes N		261 3.1	143 81	_Yes_ _No_	ND ND	533 5.1		188 127			642 2.1	111 1.2	132 28
agnesium	Naturally occurring	n/a 300	n/a	mg/L	<u>No 0</u>	.43 4.45	1.59	143	No_	1.49	8.74	4.47	188		3.25		6.66	132
anganese olybdenum	Naturally occurring Naturally occurring	n/a	n/a n/a	ug/L ug/L	No N		12 ND	143 81	No_ No_	ND ND	215 ND		188 127			154 ND	18 ND	132 28
ickel	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	100	n/a 10	uğ/L mg/L	No N	ID 2.3	ND 0.29	81	No_	ND ND	2.8 8.63	0.6	127 257	No	ND	2.3 3.96	0.6 1.86	28 32
trite	Natural deposits, fertilizer, septic tanks	1	1	mğ/L	No N	ID ND	ND	53 53	No _No	ND	ND	ND 2	254	No	ND	ND	ND	32
erchlorate H	Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity	15 n/a	n/a	ug/L pH Units	No <u>N</u> No 6		0.17 7.3	52 88	No _No	ND 6.0	0.94 8.3		122 160			0.42 8.1	0.21 7.4	30 35
H, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No 6	.8 8.4	7.3	801	No_	6.7	8.7	7.5 1	204	No	6.9	8.0	7.5	242
nosphate, total otassium	Added to keep iron in solution  Naturally occurring	n/a n/a	n/a n/a	mg/L ma/L	<u>No N</u> No 0		0.83 0.78	143 143	No_ No_	ND 0.41	3.58 4.22		188 188		ND 3	3.71 2.12	1.19 1.62	132 132
ilicon	Naturally occurring	n/a	n/a	mg/L	No 3	.6 8.0	5.8	81	No_	5.7	10.5	7.4	127	No	7.4	10.9	9.2	28
odium oecific Conductance	Naturallý occurring Total of naturally occurring minerals	n/a n/a	n/a n/a	mg/L umho/cm	No 4 No 6		8.4 131	143 52	No_ No_	6.6 84	41.3 458		188 107			39.3 471	27.2 299	132 28
trontium-88	Naturally occurring	n/a	n/a	mg/L	No N	ID 0.081	0.038	81	No_	0.022	0.135	0.070	127	No	0.045	0.124	0.080	28
ulfate urfactants, anionic	Naturally occurring Washwater from septic systems	250 0.50	n/a n/a	mg/L mg/L	No N		7.6 ND	53 50	No _No	3.7 ND	59.1 ND		257 114			25.3 ND	13.0 ND	32 24
n	Solder used in plumbing	n/a	n/a	ug/L	No_N	ID ND	ND	81	No_	ND	ND	ND ′	127	No	ND	ND	ND	28
itanium otal Organic Carbon (TOC)	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	ug/L mg/L	No N		ND ND	143 6	No_ No_	ND ND	ND ND		188 10			ND ND	ND ND	132 6
urbidity anadium	Silts and clays in aquifer Naturally occurring	5 n/a	n/a n/a	NTU ug/L	No N		ND ND	52 81	No _No	ND ND	2.7 5.8		107 127			5.6 ND	1.1 ND	28 28
inc	Naturally occurring, plumbing	5	n/a	mg/L	No N		ND	81	No_		0.04		127			ND	ND	28
Synthetic Orga	nic Compounds including	Pes	tici	des a	nd He	erbicid	les (AI	ugust 2	6, 2020	NYS ad	opts an	MCL of	f 1 ppb	for 1.4	Dioxa	ine, se	e page	28)
,								_			<u> </u>							
lachlor ESA	Degradation product of Alachlor		n/a	ug/L										,				
lachlor OA		50			No_N		ND_	53	_No_	ND	ND		133	No	ND	ND	ND	30
	Degradation product of Alachlor	50	n/a	ug/L	No N	ID ND	ND	53	No_	ND	ND	ND 1	133	No No	ND ND	ND	ND	30
dicarb Sulfone dicarb Sulfoxide	Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops	50 2 4	n/a 1 1	ug/L ug/L ug/L	No N No N	ID ND ID ND ID ND	ND ND ND	53 52 52	No_ No_ No_	ND ND ND	ND ND ND	ND 1 ND 1 ND 1	133 144 144	No No No No	ND ND ND ND	ND ND ND	ND ND ND	30 30 30
dicarb Sulfone dicarb Sulfoxide nlordane, Total	Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent	50 2	n/a 1 1 n/a	ug/L ug/L ug/L ug/L	No N No N No N	ID ND ID ND ID ND ID ND ID ND	ND ND ND ND	53 52 52 53	No _No _No	ND ND ND	ND ND ND ND	ND 1 ND 1 ND 1 ND 1	133 144 144 122	No No No No	ND ND ND ND ND	ND ND	ND ND	30 30
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes	50 2 4 2 50 *1	n/a 1 1 n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No N No N No N No N No N	ID ND ID ND ID ND ID ND ID ND ID ND ID 0.13	ND ND ND ND ND	53 52 52 53 53 52 54	No N	ND ND ND ND ND ND	ND ND ND ND ND ND	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 144 144 122 136	No No No No No No No	ND ND ND ND ND ND (	ND ND ND ND 0.21 0.96	ND ND ND ND ND ND	30 30 30 30 28 40
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl	Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide	50 2 4 2 50 *1 50 50	n/a 1 1 n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No N No N No N No N No N No N No N	ID ND	ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52	No	ND ND ND ND ND ND ND ND	ND ND ND ND ND O.21 ND	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 144 144 122 136 136 136	No No No No No No No No	ND ND ND ND ND ND ( ND ( ND (	ND ND ND ND 0.21 0.96 ND ND	ND ND ND ND ND O.10 ND	30 30 30 30 28 40 28 28
dicarb Sulfone dicarb Sulfoxide allordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor	Değradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide	50 2 4 2 50 *1 50 50 50	n/a 1 1 n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         N           No         N	ID ND	ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52	No	ND ND ND ND ND ND ND ND	ND ND ND ND ND O.21 ND ND ND	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 144 144 122 136 136 136 136	No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND 0.21 0.96 ND ND	ND ND ND ND ND 0.10 ND ND ND	30 30 30 30 28 40 28 28 28
dicarb Sulfone dicarb Sulfoxide lordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor OA	Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 2 4 2 50 *1 50 50 50 50 50	n/a 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         N	ID ND	ND ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52 52 53 53	No	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND O.21 ND ND ND ND ND 1.78	ND 1	133 144 144 122 136 136 136 136 133 133	No No No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND 0.21 0.96 ND ND ND ND	ND ND ND ND 0.10 ND ND ND ND	30 30 30 30 28 40 28 28 28 30 30
dicarb Sulfone dicarb Sulfoxide lordane, Total ethyltoluamide (DEET) t-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor OA	Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 2 4 2 50 *1 50 50 50	n/a 1 1 n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         N           No         N	ID ND	ND ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52 52 53	No	ND ND ND ND ND ND ND ND ND	ND ND ND ND O.21 ND ND ND ND ND	ND 1	133	No No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND 0.21 0.96 ND ND ND ND	ND ND ND ND ND 0.10 ND ND ND ND	30 30 30 30 28 40 28 28 28 30
dicarb Sulfone dicarb Sulfoxide lordane, Total ethyltoluamide (DEET) t-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor OA rachloroterephthalic Acid	Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Used as a herbicide	50 2 4 2 50 *1 50 50 50 50 50	n/a 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         N	ID ND	ND ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52 52 53 53	No	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND O.21 ND ND ND ND ND 1.78	ND 1	133 144 144 122 136 136 136 136 133 133	No No No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND 0.21 0.96 ND ND ND ND	ND ND ND ND 0.10 ND ND ND ND	30 30 30 30 28 40 28 28 28 30 30
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor OA rachloroterephthalic Acid	Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Used as a herbicide	50 2 4 2 50 *1 50 50 50 50 50	n/a 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No         N	ID ND	ND ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52 52 53 53	No	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND O.21 ND ND ND ND ND 1.78	ND 1	133 144 144 122 136 136 136 136 133 133	No No No No No No No No No No No No	ND ND ND ND ND ND ND ND ND ND ND	ND ND ND 0.21 0.96 ND ND ND ND	ND ND ND ND 0.10 ND ND ND ND	30 30 30 30 28 40 28 28 28 30 30
dicarb Sulfone dicarb Sulfoxide hlordane, Total ethyltoluamide (DEET) 4-Dioxane svazinone etalaxyl etolachlor etolachlor ESA etolachlor OA rachloroterephthalic Acid	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories	50 2 4 2 50 *1 50 50 50 50 50	n/a 1 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND	ND ND ND ND ND ND ND ND ND ND ND ND	53 52 52 53 52 54 52 52 52 52 53 53 53	No	ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND 0.21 ND ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND O.21 0.96 ND ND ND ND ND ND	ND ND ND ND O.10 ND ND ND ND ND ND	30 30 30 30 28 40 28 28 28 30 30
dicarb Sulfone dicarb Sulfoxide nlordane, Total lethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor ESA etolachlor OA trachloroterephthalic Acid  // Clatile Organic	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant	50 2 4 4 2 50 *1 50 50 50 50 50 50	n/a 1 1 n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	53 52 52 53 52 54 52 52 52 53 53 53 53 90	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND 0.21 ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND O.21 O.96 ND ND ND ND ND ND ND	ND ND ND ND O.10 ND ND ND ND ND ND ND	30 30 30 30 28 40 28 28 30 30 30 30
dicarb Sulfone dicarb Sulfoxide hlordane, Total ethyltoluamide (DEET) 4-Dioxane svazinone etalaxyl etolachlor etolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic  hlorobenzene nlorodiffluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene	Değradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide	50 2 4 4 2 50 *11 50 50 50 50 50 50 50	n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND   ID ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	53 52 52 53 52 54 52 52 52 52 53 53 53 53 90 90 90	No	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND 0.21 ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133	No N	ND N	ND ND ND ND 0.21 0.96 ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 30 28 40 28 28 30 30 30 30
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane sxazinone etalaxyl etolachlor ESA etolachlor OA rachloroterephthalic Acid colatile Organic nlorobenzene 1-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene chlorodifluoromethane chlorodifluoromethane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide	50 2 4 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND ID 0.24 ID 0.29 ID ND ND ID ND ID 0.29	ND ND ND ND ND ND ND ND ND ND ND ND ND N	53 52 52 52 53 52 54 52 52 53 53 53 53 90 90 90 90	No	ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND 0.21 ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 144 144 1122 136 136 136 136 137 132 127 221 221 221 221 221 221	No N	ND N	ND N	ND N	30 30 30 30 30 28 40 28 28 28 30 30 30 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic nlorobenzene nlorodifluoromethane s-1,2-Dichlorobenzene 4-Dichlorobenzene d-Dichlorobenzene chlorodifluoromethane chlorodifluoromethane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND   ID ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	53 52 52 52 53 54 52 52 52 53 53 53 53 90 90 90 90 90 90	No	ND N	ND ND ND ND 0.21 ND ND 1.78 ND 2.40 ND 8.74 ND ND ND ND ND ND ND ND ND ND ND ND ND	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 144 122 136 136 136 136 137 138 139 127 221 221 221 221 221 221 221	No N	ND N	ND N	ND N	30 30 30 30 28 40 28 28 30 30 30 30 58 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor ESA etolachlor ESA etolachlor OA trachloroterephthalic Acid  folatile Organic  nlorobenzene en-lorodifluoromethane s-1,2-Dichlorobenzene 4-Dichlorobenzene 4-Dichlorobenzene 1-Dichloroethane 1-Dichloroethane 2-Dichloroethene 2-Dichloropethane 2-Dichloropethane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L	NO N	ID ND	ND N	53 52 52 52 54 52 52 52 53 53 53 53 90 90 90 90 90 90 90	No	ND N	ND N	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133   144   144   144   145   136   136   136   136   136   137   145	No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 30 30 28 40 40 28 28 30 30 30 30 58 58 58 58 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 4-Dichloroethane thorodifluoromethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloropropane hyl Benzene	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From mindustrial chemical factories From paint on inside of water storace tank	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 n/a	ug/L ug/L	NO N	ID ND   ID ND	ND N	53 52 52 54 52 52 52 53 53 53 53 90 90 90 90 90 90 90	No	ND N	ND ND ND ND ND ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 - 144 - 144 - 142 - 136 - 136 - 136 - 136 - 136 - 137 - 147 -	No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 28 40 28 28 28 30 30 30 30 58 58 58 58 58 58 58 58 58 58
Idicarb Sulfone Idicarb Sulfoxide Inlordane, Total Iethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor ESA etolachlor ESA etolachlor OA trachloroterephthalic Acid  //olatile Organic Inlorobenzene Inlorodifluoromethane Is-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene 1-Dichloroethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropenae I-Dichloropenae I-Dichlorope	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From manufacturing From manufacturing facilities From manufacturing facilities From manufacturing facilities From industrial chemical factories	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L	NO N	ID ND	ND N	53 52 52 52 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90	No	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133 -   144 -   142 -   136 -   136 -   136 -   136 -   137 -   138 -   127 -   221 -   222 -   223 -   224 -   225 -   226 -   227	No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 28 40 28 28 30 30 30 58 58 58 58 58 58 58 58 58
Idicarb Sulfone Idicarb Sulfoxide Inlordane, Total Iethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor ESA etolachlor EGA Irachloroterephthalic Acid  //olatile Organia Inlorobenzene Inlorodifluoromethane is-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloropenzene Inlorodifluoromethane 1-Dichloroethane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From pounts From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From manufacturing facilities From industrial chemical factories	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L	NO N	ID ND   ID ND	ND N	53 52 52 53 52 54 52 52 52 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90	No N	ND N	ND ND ND ND ND ND ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133   144   144   142   136   136   136   136   136   137   147	No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 28 28 28 28 30 30 30 58 58 58 58 58 58 58 58 58 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichlorobenzene 1-Dichloroethane 1-Dichloroethane 1-Dichloropenzene hyl Benzene Methyl-2-Pentanone ethylethylketone ethyl-Tert-Butyl Ether Xylene	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Pegradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From manufacturing facilities From manufacturing facilities From manufacturing facilities From paint on inside of water storage tant Gasoline From paint on inside of water storage tant	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L	NO N	ID ND	ND N	53 52 52 52 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90	No	ND N	ND ND ND ND ND ND ND ND ND 1.78 ND 2.40	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133   144   144   144   142   152   156	No N	ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	30 30 30 30 30 28 28 28 28 30 30 30 30 58 58 58 58 58 58 58 58 58 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane xazinone etalaxyl etolachlor etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid  //olatile Organia nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichloroethene 1-Dichloroethene 1-Dichloroethane	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From manufacturing chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tant From paint on inside of water storage tant From paint on inside of water storage tant	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ID ND   ID ND	ND N	53 52 52 52 53 52 54 52 52 52 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	No N	ND N	ND ND ND ND ND ND ND ND 1.78 ND 2.40 ND ND 1.78 ND ND ND 1.78 ND ND ND 1.78 ND ND ND 1.78 ND ND ND ND ND ND ND ND ND ND ND ND ND	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	133   144   144   142   152   136   136   136   136   136   137   127	No N	ND N	ND N	ND N	30 30 30 30 30 30 28 40 28 28 30 30 30 30 58 58 58 58 58 58 58 58 58 58 58 58 58
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid  colatile Organic  colatile Or	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tant	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND	ND N	53 52 52 52 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	NO	ND N	ND N	ND 1	133	No N	ND N	ND N	ND N	300 300 300 300 300 288 400 288 300 300 300 588 588 588 588 588 588 588 588 588 5
dicarb Sulfone dicarb Sulfoxide nlordane, Total ethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid  //olatile Organic nlorobenzene nlorodifluoromethane s-1,2-Dichloroethene 3-Dichlorobenzene 4-Dichloroethene 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethane 1-Dichloroethene 2-Dichloropenzene thyle-Pentanone ethyl-2-Pentanone ethyl-1-Tert-Butyl Ether Xylene m-Xylene etrachloroethene 2,4-Trichloroethene	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used in the coaling manufacturing From industrial chemical factories From paint on inside of water storage tant	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ID ND	ND N	53 52 52 52 54 52 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	NO N	ND N	ND ND ND ND ND ND ND ND ND ND 1.78 ND 2.40	ND 1	133   144   144   144   142   136   136   136   136   136   137   147	No N	ND N	ND N	ND N	300 300 300 300 288 400 288 288 300 300 300 588 588 588 588 588 588 588 588 588 5
dicarb Sulfone dicarb Sulfoxide hlordane, Total iethyltoluamide (DEET) 4-Dioxane exazinone etalaxyl etolachlor etolachlor EsA etolachlor EsA etolachlor OA trachloroterephthalic Acid  //olatile Organia hlorobenzene hlorodifluoromethane is-1,2-Dichloroethene 3-Dichlorobenzene d-Dichloroethene 1-Dichloroethene 2-Dichloroethene 1-Dichloroethene 2-Trichloroethene 1-Trichloroethene 1-1-Trichloroethene	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant Erom industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories Used as a fumigant and insecticide Used in the chemical factories From paint on inside of water storage tant Discharge from textile-finishing factories Metal degreasing sites, factories	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND	ND N	53 52 52 52 54 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	NO	ND N	ND N	ND 1	133 -   144   144   142   162   163   164	No N	ND N	ND N	ND	300 300 300 300 300 300 288 400 288 300 300 300 588 588 588 588 588 588 588 588 588 5
Idicarb Sulfone Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarbara Idic	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tant From manufacturing facilities From paint on inside of water storage tant	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ID ND   ID ND	ND N	53 52 52 52 53 52 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	NO	ND N	ND ND ND ND ND ND ND ND ND 1.78 ND 2.40	ND 1	133 -	No N	ND ND (ND ND N	ND N	ND	300 300 300 300 288 400 288 288 300 300 300 588 588 588 588 588 588 588 588 588 5
Idicarb Sulfone Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Identification Id	Değradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant Erom industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories Used as a fumigant and insecticide Used in the chemical factories From paint on inside of water storage tant Discharge from textile-finishing factories Metal degreasing sites, factories	50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO N	ID ND   ID ND	ND N	53 52 52 52 54 54 52 52 53 53 53 53 53 90 90 90 90 90 90 90 90 90 90 90 90 90	NO	ND N	ND N	ND 1	133 -   144   144   142   162   163   164	No N	ND N	ND N	ND	300 300 300 300 300 300 288 400 288 300 300 300 588 588 588 588 588 588 588 588 588 5

	npounds as well as Contaminants					Distributio					ution A						Area 34
tected Compound	Likely Source	MCL N		Unit of Measure	Violation Yes/No		of Readingigh Avg.	No. of		n Low		Avg.	No. of	Violation Yes/No	n Low	High	
norganics					163/140	value va	iide value	e lesis	163/146	value	value	value	Tests	163/140	value	e value	value
alinity to pH 4.5 mg CaCO3/L		n/a	n/a	mg/L		28.0 164.0		110	No_	27.2	55.4	40.6	6			62.2	46.3
uminum nmonia, free	Naturally occurring Some fertilizers, septic systems	n/a n/a	n/a n/a	mg/L mg/L	No N		0.04 ND	149 145	No _No	ND ND	0.06 ND	0.04 ND	6		ND ND	0.04 ND	0.03 ND
timony	Discharge from petroleum refineries  Erosion of natural deposits	10	6	_ug/L_	No N	ND ND	ND	149	No_	ND ND	ND	ND	6		ND ND	ND ND	ND ND
senic rrium	Erosion of natural deposits	2	2	ug/L mg/L	No 1	ND 0.07		149 149	No _No	ND	ND 0.08	ND 0.03	6	No	ND	ND	ND
oron omide	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ug/L	No N		ND 76.9	157 113	No _No	ND ND	ND ND	ND ND	6		ND ND	ND ND	ND ND
admium	Natural deposits, galvanized pipe	5	5	_ug/L	No 1	ND ND	ND	149	No_	ND	ND	ND	6	No	ND	ND	ND
ilcium iloride	Naturally occurring, pH control  Naturally occurring salt water intrusion road sa	n/a lt 250	n/a n/a	mg/L mg/L	No 1			157 541	No No_	9.0 37.5	21.8 110.0	15.3 66.2	6			20.8 16.0	17.4 14.2
romium, total	Natural deposits	100	100	_ug/L_	No 1	ND 3.4	0.5	149	No_	ND	0.6	ND	6	No	ND	0.5	ND
02, calculated balt-59	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L ua/L	No (		6.6 ND	110 149	<u>No</u> No	1.8 ND	5.8 0.6	3.7 ND	6		1.4 ND	7.9 ND	4.3 ND
lor, Apparent	Naturally occurring metals or minerals	15	n/a	Color Units	No_1	VD 5	ND	110	_No_	ND	7	ND	6	No	ND	7	ND
pper oride	Household plumbing Erosion of natural deposits	AL=1.3 2.2	1.3 n/a	mg/L mg/L	No N		0.03 ND	149 541	No _No	ND ND	ND ND	ND ND	6		ND ND	0.05 ND	0.02 ND
rdness, total	Measure of the calcium and magnesium	n/a	n/a	_mg/L_	No 3	39.4 206.	0 107.6	157	No_	32.1	66.1	49.0	6	No .	47.8	65.6	57.7
xavalent Chromium n	Erosion of natural deposits Naturally occurring	n/a 300	n/a n/a	ug/L ug/L	No N		0.32 34	109 157	No _No	ND ND	0.36 56	0.22 ND	6			0.42 177	0.28 68
nium	Naturally occurring	n/a	n/a	ug/L	No 1	VD 3.0	ND	149	No_	ND	ND	ND	6	No	ND	2.1	ND
gnesium nganese	Naturally occurring Naturally occurring	n/a 300	n/a n/a	mg/L ug/L	No 2	ND 203	0 7.31 25	157 157	<u>No</u> No	2.28 ND	2.92 ND	2.63 ND	6		2.75 ND	4.80 33	3.47 14
<u>lybdenum</u>	Naturally occurring	n/a	n/a	ug/L	No_1	ND ND	ND	149	_No_	ND	ND	ND	6	No	ND	ND	ND
kel ate	Alloys, coatings manufacturing, batteries  Natural deposits, fertilizer, septic tanks	100	n/a 10	ug/L mg/L	No (		ND 4.87	149 540	No _No	ND 0.34	0.8 0.79	ND 0.56	6		ND 0.43	ND 0.92	ND 0.63
rite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No 1	ND ND	ND	540	No_	ND	ND	ND	6	No	ND	ND	ND
chlorate	Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity	15 n/a	5 n/a	uğ/L pH Units	No 1		1.91 7.4	205 239	No _No	ND 7.1	0.15 8.1	ND 7.4	6 11		<u>ND</u> 7.0	0.22 7.8	ND 7.4
field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No 6	6.8 9.5	7.4	796	No_	6.5	8.0	7.3	63	No	6.6	8.0	7.4
osphate, total cassium	Added to keep iron in solution  Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No (			157 157	No _No	ND 0.67	ND 0.96	ND 0.76	6		ND 0.67	ND 0.84	ND 0.75
con	Naturally occurring	n/a	n/a	mg/L	No 2	1.1 8.6	6.5	149	No_	3.9	5.4	4.6	6	No	6.0	9.0	7.2
dium ecific Conductance	Naturally occurring Total of naturally occurring minerals	n/a n/a	n/a n/a	mg/L umho/cm	No 8		34.4 388	157 109	No No_	22.1 249	66.3 447	40.7 313	6			11.0 205	9.7 173
ontium-88	Naturally occurring	n/a	n/a	mg/L	No (	0.038 0.2	05 0.112	149	No_	0.048	0.075	0.061	6	No	0.036	0.074	0.052
fate factants, anionic	Naturally occurring Washwater from septic systems	250 0.50	n/a n/a	mg/L mg/L	No 8		34.6 ND	541 129	No _No	5.6 ND	9.8 ND	6.9 ND	<u>6</u> 4		8.0 ND	29.2 ND	15.5 ND
	Solder used in plumbing	n/a	n/a	ug/L	No 1	ND ND	ND	149	No_	ND	ND	ND	6	No	ND	ND	ND
anium al Organic Carbon (TOC)	Naturally occurring	n/a n/a	n/a n/a	ug/L ma/L	No N		ND ND	157 6	No _No	ND ND	ND ND	ND ND	6		ND ND	ND ND	ND ND
bidity	Silts and clays in aquifer	5	n/a	NŤU	No 1		0.51	110	No_	ND	0.62	ND	6	No	ND	0.75	0.55
nadiùm nc	Naturally occurring Naturally occurring, plumbing	n/a 5	n/a n/a	ug/L mg/L	No N		ND ND	149 149	No _No	ND ND	ND ND	ND ND	6		ND ND		1.1 ND
vnthetic Orga	nic Compounds including	Pes	ticia	des a	nd H	erhici	des /	wayet 2	2020	NVC ad	ente en	MCI o	6 1 mm	- for 1.4	Dieve		. nome 2
ynthetic Orga							ucs (A	lugust 2	0, 2020	NI 5 au	opts an	WICE 0	ı ı ppi	J 101 1,4	ПОХа	ille, see	: paye z
achlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No_1			149	No_	ND	ND	ND	6		ND	ND	ND
chlor OA icarb Sulfone	Degradation product of Alachlor Pesticide used on row crops	50	n/a 1	ug/L ug/L	No N			149 223	No _No	ND ND	ND ND	ND ND	6		ND ND	ND ND	ND ND
icarb Sulfoxide	Pesticide used on row crops	4	1	uğ/L_	No 1	VD 0.90	ND	223	No_	ND	ND	ND	6	No	ND	ND	ND
ordane, Total thyltoluamide (DEET)	Residue of banned termiticide	50	n/a n/a	ug/L ug/L	No N		ND ND	125 139	No_	ND ND	ND ND	ND ND	6		ND	ND	ND ND
my roladillide (DEET)		- 00	n/a	ug/L ug/L				133	No_				6	INO.	ND	ND	
-Dioxane	Used in manufacturing processes	*1				ND 0.10			_No_	ND	ND_	ND		No	ND ND	ND ND	ND
kazinone	Used in manufacturing processes Used as a herbicide	50	n/a	ug/L	No 1	ND 0.37	ND	139	No	ND	ND	ND	6	No No	ND ND	ND ND	ND ND
azinone alaxyl tolachlor	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide	50 50 50	n/a n/a n/a	ug/L ug/L	No No No	ND 0.37 ND 0.63 ND 0.22	ND ND	139 139 139	No No No	ND ND ND	ND ND ND	ND ND ND	6 6 6	No No No	ND ND ND ND	ND ND ND	ND ND ND
kazinone ralaxyl tolachlor tolachlor ESA	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor	50 50 50 50	n/a n/a n/a n/a	ug/L ug/L ug/L	No N	ND 0.37 ND 0.63 ND 0.22	ND ND	139 139 139 149	No No No No	ND ND ND ND	ND ND ND	ND ND ND ND	6 6 6	No No No No	ND ND ND ND ND	ND ND ND ND	ND ND ND ND
azinone alaxyl olachlor olachlor ESA olachlor OA	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 50 50	n/a n/a n/a	ug/L ug/L ug/L ug/L	No N	ND 0.37 ND 0.63 ND 0.22 ND 2.69	ND ND ND ND	139 139 139	No No No	ND ND ND	ND ND ND	ND ND ND	6 6 6 6	No No No No No	ND ND ND ND	ND ND ND	ND ND ND
azinone alaxyl olachlor olachlor ESA olachlor OA achloroterephthalic Acid	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 50 50 50 50	n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L	No N	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21	ND ND ND ND	139 139 139 149	No No No No No	ND ND ND ND	ND ND ND ND	ND ND ND ND	6 6 6 6	No No No No No	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND
cazinone isalaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds	50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L	No N	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.30	ND ND ND ND ND ND	139 139 139 149 149 183	No N	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	6 6 6 6 6 6	No No No No No No No	ND ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND ND
cazinone isalaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories	50 50 50 50 50	n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L	No I	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.30	ND ND ND ND ND ND 1.86	139 139 139 149 149 183	No N	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No No No No No No No	ND ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND ND
azinone alaxyl lolachlor lolachlor ESA lolachlor OA achloroterephthalic Acid  lolatile Organic  orobenzene orodifluoromethane 1,2-Dichloroethene	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant Used as a refrigerant Used as a refrigerant	50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No 1 No 1 No 1 No 1 No 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.39	ND ND ND ND ND ND ND ND ND ND	139 139 139 149 149 183 199 199	No _	ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	ND ND ND ND ND ND	8 8 8	No No No No No No No No No	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND
azinone alaxyl olachlor ESA olachlor OA ichloroterephthalic Acid  olachlor OA ichloroterephthalic Acid  orobenzene orodifluoromethane -1,2-Dichlorotenzene Dichlorobenzene Dichlorobenzene	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide	50 50 50 50 50 50 50 50 50	n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No 1 No 1 No 1 No 1 No 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.30 ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	139 139 139 149 149 183 199 199 199 199	No _	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	6 6 6 6 6 6 8 8 8	No No No No No No No No No No	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND
azinone alaxyl olachlor ESA olachlor OA chloroterephthalic Acid  platile Organic orobenzene orodifluoromethane 1,2-Dichlorobenzene Dichlorobenzene olichlorobenzene olichlorobenzene	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant	50 50 50 50 50 50 50 50 50 50 50 55 55 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No 1 No 1 No 1 No 1 No 1 No 1 No 1 No 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.31 ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 149 183 199 199 199 199 199 199	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND	8 8 8 8 8	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND
azinone alaxyl olachlor olachlor ESA olachlor OA chloroterephthalic Acid  corobenzene corodifluoromethane 1,2-Dichlorotenzene Dichlorobenzene Dichlorobenzene Dichlorotethane Dichlorotethane Dichlorotethane Dichlorotethane Dichlorotethane Dichlorotethane Dichlorotethane	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No 1 No 1 No 1 No 1 No 1 No 1 No 1 No 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.31 ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 183 199 199 199 199 199 199 199 199	No	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8	No N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N
azinone alaxyl lolachlor ESA olachlor OA achloroterephthalic Acid  platile Organic orobenzene orodifluoromethane 1,2-Dichlorobenzene Dichlorobenzene blichlorothane Dichloroethane Dichloroethane Dichloroethane Dichloroethene Dichloroethene Dichloropropane	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No 1 No 1 No 1 No 1 No 1 No 1 No 1 No 1	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 183 199 199 199 199 199 199 199 199 199 19	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N
azinone alaxyl lolachlor ESA olachlor OA achloroterephthalic Acid  lolachlor OA achloroterephthalic Acid  lolachlor OG achloroterephthalic Acid  lolachloroterephthalic Acid  lolachlorotene arcodifluoromethane -1,2-Dichloroteneene -Dichlorobenzene -Dichloroteneenehlorodifluoromethane -Dichlorotethane -Dichlorotethene -Dichlorotethene -Dichloropropane yl Benzene -Littyl-2-Pentanone	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.30 ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8	No N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N
cazinone calaxyl tolachlor ESA colachlor OA achloroterephthalic Acid  platile Organic  orobenzene orodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorotethane -Dichloroethane -Dichloroethane -Dichloropropane yl Benzene lethyl-2-Pentanone thylene Chloride	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing facilities From industrial chemical factories	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO 1 NO 1 NO 1 NO 1 NO 1 NO 1	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 183 199 199 199 199 199 199 199 199 199 19	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8	NO N	ND N	ND N	ND N
cazinone cialaxyl tolachlor ESA colachlor OSA colachlor OS	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing facilities From industrial chemical factories Used in the coatings industry	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO 1 NO 1 NO 1 NO 1 NO 1 NO 1 NO 1 NO 1	ND 0.37 ND 0.63 ND 0.22 ND 2.69 ND 3.21 ND 16.30 ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	No No No No No No No No No No No No No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	8 8 8 8 8 8 8 8 8 8	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
cazinone calaxyl tolachlor ESA colachlor OA achloroterephthalic Acid  platile Organic  orobenzene orodifluoromethane -1,2-Dichlorotene -Dichlorobenzene -Dichlorobenzene -Dichlorotethane -Dichlorotethane -Dichlorotethane -Dichloropropane yl Benzene lethyl-2-Pentanone thylene Chloride thylethylketone thyl-Tert-Butyl Ether ylene	Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a refrigerant Erom industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories Grom paint on inside of water storage tan From paint on inside of water storage tan From paint on inside of water storage tan	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	No.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
cazinone talaxyl tolachlor ESA tolachlor OA achloroterephthalic Acid  platile Organic  orobenzene orodifluoromethane -1,2-Dichloroethene -Dichlorobenzene hlorodifluoromethane -Dichlorobenzene -Dichlorobenzene blorodifluoromethane -Dichloropenzene -Dichloropenzene tolachloropenzene -Dichloropenzene -Dichlorotethane -Dichloropenane yl Benzene fethyl-2-Pentanone thylene Chloride thylethylketone thyl-Tert-Butyl Ether ylene -Xylene	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tan	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a n/a n/a		NO	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	No.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
cazinone talaxyl tolachlor ESA tolachlor OA achloroterephthalic Acid  platile Organic  orobenzene orodifluoromethane -1,2-Dichlorotene -Dichlorobenzene -Dichlorobenzene -Dichlorotenene -Dichlorotenene -Dichlorotenene -Dichlorotenene -Dichlorotenene -Dichlorotenene -Dichlorotethane -Dichloropropane yl Benzene fethyl-2-Pentanone thylene Chloride thylethylketone thyl-Tert-Butyl Ether ylene -Xylene -Xylene -achloroethene -ene	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tan	50 50 50 50 50 50 50 50 50 55 5 5 5 5 5	n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L	NO N	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	NO.	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
xazinone talaxyl tolachlor ESA tolachlor ESA tolachlor OA achloroterephthalic Acid  olatile Organic  lorobenzene lorodifluoromethane -1,2-Dichloroethene -Dichlorobenzene -Dichloroethane -Dichloroethane -Dichloroethane -Dichloropropane yl Benzene Methyl-2-Pentanone thyletnylketone thyl-1-Xylene -1-Xylene rachloroethene uene -4-Trichlorobenzene	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan Factories, dry cleaners, spills From paint on inside of water storage tan Factories of water storage tan From paint on inside of water storage tan From paint on inside of water storage tan Factories of water storage tan From paint on inside of water storage tan	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L	NO	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND N	ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
cazinone talaxyl tolachlor ESA tolachlor OA achloroterephthalic Acid  platile Organic  orobenzene orodifluoromethane -1,2-Dichlorotene -Dichlorobenzene -Dichlorobenzene -Dichlorotethane -Dichloropenthane -Dichloropenzene -Dichloropenzene hlorodifluoromethane -Dichloropenzene -Dichloropethane -Dichloropethane -Dichloropethene -Dichloropethene -Dichloropethene -Tichloroethene -Tylene -Xylene -Xylene -Trichloroethene -In-Trichloroethane -In-Trichloroethane -In-Trichloroethane -In-Trichloroethane	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing industry Gasoline From paint on inside of water storage tan Discharge from textile-finishing factories Metal degreasing sites, factories	50 50 50 50 50 50 50 50 50 50 55 5 5 5	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND	ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
kazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid  corobenzene corodifluoromethane -1,2-Dichlorotenzene -Dichlorobenzene -Dichlorotethene thyl-Tert-Butyl Ether tylene -1-Xylene -rachlorotethene -tene -4-Trichlorotethene -1-Trichlorotethene	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide From industrial chemical factories From industrial chemical factories From industrial chemical factories From industrial chemical factories From manufacturing facilities From manufacturing facilities From manufacturing facilities From paint on inside of water storage tan Discharge from textile-finishing factories Metal degreasing sites, factories Metal degreasing sites, factories	50 50 50 50 50 50 50 50 50 50 50 50 50 5	n/a		NO	ND 0.37 ND 0.63 ND 0.62 ND 2.69 ND 3.21 ND 16.30 ND N	ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	No N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N
xazinone talaxyl tolachlor ESA tolachlor ESA tolachlor OA achloroterephthalic Acid  olatile Organic  lorobenzene lorodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorotethane -Dichlorotethane -Dichloroethane -Dichloroethene -Dichlorotethene -Dichlorotethene -Tolachloropropane yl Benzene thyl-Tert-Butyl Ether (ylene -Xylene -Xylene -Xylene -Trichlorotethene uene ,4-Trichlorobenzene -I-Trichlorotethene -blorofluoromethane -blorofluoromethane -blorofluoromethane -A-Trichloropropane	Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Used as a soil herbicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tan From manufacturing facilities From manufacturing industry Gasoline From paint on inside of water storage tan Discharge from textile-finishing factories Metal degreasing sites, factories	50 50 50 50 50 50 50 50 50 50 55 5 5 5	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	ND 0.37 ND 0.63 ND 0.62 ND 2.68 ND 3.21 ND 16.30 ND N	ND N	139 139 139 149 149 149 183 199 199 199 199 199 199 199 199 199 19	NO N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NO N	ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N

mining con	npounds as well as Contaminants				Distribution	Area 35		Distributio	m Area 44	4		Distrib	oution .	Alca 55
etected Compound	Likely Source	MCL M		nit of easure	Range of F	Avg. No. of		Low H		No. of		n Low	High	
norganics					Yes/No Value Value	value Tests	res/No	value va	liue value	rests	Tes/No	value	value	value
salinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a m	mg/L	No 61.6 115.0	86.5 9	No_	32.0 43.	8 38.7	6	No	ND 4	18.0	37.5
luminum	Naturally occurring	n/a	n/a n	mg/L	No ND ND	ND 9	No	ND 0.0	2 ND	6	No	ND 0	0.92	0.33
mmonia, free ntimony	Some fertilizers, septic systems  Discharge from petroleum refineries	n/a 6		ng/L ug/L	No ND ND No ND ND	ND 9 ND 9	No _No	ND NI		<u>6</u>			ND ND	ND :
rsenic	Erosion of natural deposits	10	0 ι	ug/L	No ND ND	ND 9	No	ND NI		6	No	ND 1	ND	ND :
arium	Erosion of natural deposits	2		mg/L	No ND 0.03	ND 9	No_	ND NI		6			ND	ND :
oron romide	Naturally occurring Naturally occurring	n/a n/a		mg/L ug/L	No ND ND No 58.1 88.1	ND 9 71.8 9	<u>No</u> No	ND NI ND 60.		<u>6</u>			ND ND	ND :
admium	Natural deposits, galvanized pipe	5	5 L	ug/L	No ND ND	ND 9	No_	ND NI	D ND	6		ND 1	ND	ND :
alcium hloride	Naturally occurring, pH control  Naturally occurring.salt water intrusion.road sal			mg/L mg/L	No 27.2 29.3 No ND 17.4	28.0 9 4.5 24		11.5 28. 14.7 25.		6			0.9 8.5	0.6 5.1
hromium, total	Natural deposits	100	100 ι	ug/L	No ND ND	ND 9	No_	ND NI	D ND	6	_No_	ND (	0.9	ND :
D2, calculated bbalt-59	Naturally occurring Naturally occurring			ng/L ug/L	No 0.4 12.3 No ND ND	6.4 9 ND 9	<u>No</u> No	1.3 6.8 ND NI		<u>6</u>			13.5 ND	5.4 ND
olor, Apparent	Naturally occurring metals or minerals	15	n/a cold	lor Units	No ND ND	ND 9	No.	ND 7	ND	6	Yes	ND	17	10
opper uoride	Household plumbing Erosion of natural deposits	AL=1.3 2.2		mg/L	No ND 0.03	ND 9	No_	ND NI		<u>6</u>			0.08 ND	ND I
ardness, total	Measure of the calcium and magnesium			mg/L mg/L	No ND ND No 110.0 125.0	ND 24 115.9 9	No_	ND NI 42.6 101					4.0	ND
exavalent Chromium	Erosion of natural deposits	n/a	n/a ι	ug/L	No ND 0.15	ND 9	No_	0.16 0.4	0.30	6	_No_	ND 0	).22	ND :
n hium	Naturally occurring Naturally occurring			ug/L ug/L	No ND ND NO NO NO ND 10.2	ND 9 3.7 9	No _No	ND 23 ND 2.3	4 74 3 ND	6			797 10.4	347 6.6
agnesium	Naturally occurring	n/a	n/a m	mğ/L	No 10.10 12.50	11.11 9	No_	3.28 7.2	2 4.17	6	No	ND 0	0.43	ND
nnganese olybdenum	Naturally occurring Naturally occurring			ug/L ug/L	No ND ND	ND 9 ND 9	No_	ND 69		6			ND ND	ND ND
ckel	Alloys, coatings manufacturing, batteries			ug/L ug/L	No ND ND NO NO NO NO ND 0.6	ND 9 ND 9	No No	ND NI ND 3.3		6			0.8	ND .
rate	Natural deposits, fertilizer, septic tanks	10	10 n	mg/L	No 1.03 5.44	1.95 24	No_	0.75 1.0	0.87	6	_No	ND 0	0.02	ND :
rite rchlorate	Natural deposits, fertilizer, septic tanks Fertilizers, solid fuel propellant, fireworks	15		mg/L ug/L	No ND 0.215 No ND 1.68	0.014 24 1.16 13	No _No	ND NI ND 0.1		6			ND ND	ND :
	Measure of water acidity or alkalinity	n/a	n/a pH	1 Units	No 6.8 8.6	7.4 21	No_	7.0 7.8	3 7.3	6	No	6.3	7.8	7.2
	Measure of water acidity or alkalinity			H Units	No 6.6 8.5	7.3 82	No_	6.9 8.3		57			8.0 2.63 (	7.4
tassium	Added to keep iron in solution  Naturally occurring			mg/L ma/L	No ND ND No 1.36 1.87	ND 9 1.57 9	<u>No</u> No	ND NI 0.69 0.9		6		ND 2 1.66 4		0.47 2.83
icon	Naturally occurring	n/a	n/a n	mğ/L	No 7.8 9.3	8.5 9	No	6.8 9.6	3 7.4	6	No :	4.4	5.4	4.9
	Naturally occurring Total of naturally occurring minerals	n/a n/a		mg/L nho/cm	No 27.3 59.3 No 371 520	43.7 9 443 9	No_	9.7 13. 150 24		6			24.1 126	18.6 98
ontium-88	Naturally occurring			mg/L	No 0.119 0.136			0.043 0.1		6			ND	ND
lfate	Naturally occurring			mg/L	No ND 30.7	3.9 24		10.7 55.					5.2	4.6
rfactants, anionic	Washwater from septic systems Solder used in plumbing			ng/L ug/L	No ND ND No ND ND	ND 7 ND 9	<u>No</u> No	ND NI		<u>4</u> 6			ND ND	ND ND
anium	Naturally occurring	n/a	n/a ı	ug/L	No ND ND	ND 9	No	ND NI	D ND	6	_No	ND 5	51.5	11.7
tal Organic Carbon (TOC) rbidity	Naturally occurring Silts and clays in aquifer	n/a 5		mg/L NTU	No ND ND	ND 2 ND 9	No_	ND NI		6			0.7 4.4	0.6 2.1
anadium	Naturally occurring	n/a		ug/L	No ND ND No ND ND	ND 9 ND 9	No_	ND 0.5 ND 2.9		6			ND	ND :
nc	Naturally occurring, plumbing	5	n/a n	mg/L	No ND ND	ND 9	NIa	AUD AU	NID.	6	NI.		0.7	
				····g/·=	No ND ND	ND 9	_No_	ND NI	D ND	0	_No	ND 0	0.07	ND :
vnthetic Orga	nic Compounds including			Ü										
ynthetic Orga	nic Compounds including			Ü										
achlor ESA	Degradation product of Alachlor	Pest	ticide	es ar	nd Herbicide	S (August 20	6, 2020 N	YS adopts	s an MCL	of 1 pp	b for 1,4	Dioxar	ne, see	page 28
achlor ESA achlor OA	Degradation product of Alachlor Degradation product of Alachlor	Pest 50 50	n/a n/a	es ar ug/L ug/L	No ND	ND 15 ND 15	NoNo	ND NI	s an MCL	of 1 pp	b for 1,4 No No	Dioxar	ne, see ND ND	page 28
achlor ESA achlor OA dicarb Sulfone dicarb 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	es ar ug/L ug/L	nd Herbicide	S (August 20	6, 2020 N	YS adopts	D ND D ND ND	of 1 pp	No No No No No	ND N	ne, see	ND ND ND ND ND
achlor ESA achlor OA dicarb Sulfone dicarb Sulfoxide lordane, Total	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide	50 50 2 4 2	n/a n/a 1 1 1 n/a	ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10	No N	ND NI	D ND D ND D ND D ND D ND D ND	6 6 6 6 6	No No No No No No	Dioxar  ND 1  ND 1  ND 1  ND 1  ND 1	ND ND ND ND ND ND	ND ND ND ND ND ND
achlor ESA achlor OA dicarb Sulfone dicarb Sulfoxide lordane, Total athyltoluamide (DEET)	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent	50 50 2 4	n/a n/a 1 1 1 n/a n/a	ug/L ug/L ug/L ug/L ug/L	No ND ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10	No	ND NI ND NI ND NI ND NI ND NI ND NI	D ND	6 6 6 6	No No No No No No No No	Dioxal  ND 1  ND 1  ND 1  ND 1  ND 1  ND 1	ND ND ND ND ND ND	ND ND ND ND ND
achlor ESA achlor OA licarb Sulfone licarb Sulfoxide lordane, Total athyltoluamide (DEET) -Dioxane xazinone	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide	50 50 2 4 2 50 *1 50	n/a n/a 1 n/a n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14	No N	ND NI	S an MCL  D ND D	6 6 6 6 6 6 6	No No No No No No No No No No No	ND 1 ND 1 ND 1 ND 1 ND 1 ND 1 ND 1	ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND
achlor ESA achlor OA licarb Sulfone dicarb Sulfoxide lordane, Total athyltoluamide (DEET) -Dioxane xazinone talaxyl	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide	50 50 2 4 2 50 *1 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14	No N	ND NI	D ND	6 6 6 6 6 6 6 6 6	No No No No No No No No No No No No No N	Dioxal ND 1	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND
achlor ESA achlor OA licarb Sulfone licarb Sulfoxide lordane, Total ethyltoluamide (DEET) -Dioxane xazinone talaxyl totlachlor	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide	50 50 50 2 4 4 2 50 *1 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14	No N	ND NI	D ND D ND D ND D ND D ND D ND D ND D ND	6 6 6 6 6 6 6	NO N	ND 1	ND N	ND N
achlor ESA achlor OA dicarb Sulfone dicarb Sulfoxide lordane, Total athyltoluamide (DEET) -Dioxane xazinone talaxyl stolachlor tolachlor ESA tolachlor OA	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor	50 50 2 4 2 50 *1 50 50 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 14 ND 14 ND 15 ND 15	No N	ND NI ND	5 an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No No No No No No No No No No No No No N	ND 1	ND N	ND N
achlor ESA chlor OA icarb Sulfone iicarb Sulfone iicarb Sulfoxide ordane, Total thyltoluamide (DEET) -Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor	50 50 50 2 4 4 2 50 *1 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 9 ND 14 ND 14 ND 14 ND 14 ND 14 ND 14 ND 15	No	ND NI	5 an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No No No No No No No No No No No No No N	ND 1	ND N	ND N
achlor ESA achlor OA icarb Sulfone iicarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 50 2 4 2 50 *1 50 50 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 14 ND 14 ND 15 ND 15	No N	ND NI ND	5 an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No No No No No No No No No No No No No N	ND 1	ND N	ND N
achlor ESA uchlor OA uchlor OA uchlor OA licarb Sulfone licarb Sulfoxide licarb Sulfoxide lordane, Total thyltoluamide (DEET) -Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds	50 50 50 2 4 2 50 *1 50 50 50 50 50	n/a n/a 1 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 14 ND 15 ND 15 ND 15	No	ND NI ND NI	5 an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	ND 1	ND N	ND N
achlor ESA chlor OA chlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azzinone talaxyl tolachlor ESA tolachlor OA achloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant	50 50 50 2 2 4 2 50 50 50 50 50 50 50 50 50 50 50 71 50 50 71 50 50 71 50 71 71 71 71 71 71 71 71 71 71 71 71 71	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 14 ND 14 ND 15 ND 15 195 36	No	ND NI	5 an MCL  D ND D	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10	No N	ND 1	ND N	ND N
chlor ESA chlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azinone alaxyl tolachlor ESA colachlor OA achloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories	50 50 50 2 4 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 14 ND 15 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	ND NI	5 an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10	NO N	ND 1	ND N	ND N
achlor ESA chlor OA chlor OA chlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid  corobenzene orodifluoromethane -1,2-Dichloroethene -Dichlorobenzene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Used as a soil herbicide Used as a herbicide Used as a herbicide Used as a herbicide Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide	50 50 50 2 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 14 ND 14 ND 14 ND 14 ND 15 ND 15 195 36	No	ND NI	S an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10	No N	ND   1   N	ND N	ND N
achlor ESA chlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane azinone talaxyl tolachlor tolachlor tolachlor ESA colachlor OA achloroterephthalic Acid  corobenzene orodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene hlorodifluoromethane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Used as a fungiant and insecticide	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts	S an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	No N	ND 1 NND 1 N	ND N	ND N
achlor ESA achlor OA icarb Sulfone icarb Sulfoxide ordane, Total thyltoluamide (DEET) -Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid  colorifluoromethane -1,2-Dichloroethene -Dichlorobenzene -Dichloroethane -Dichloroethane -Dichloroethane -Dichloroethane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Used as a fungiant and insecticide	50 50 50 2 4 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts  ND NI N	S an MCL  D ND	6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	No N	ND 1	ND N	ND N
achlor ESA chlor OA chlor OA chlor OA chlor OA chlor Sulfone licarb Sulfoxide ordane, Total thyltoluamide (DEET) Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid  colatile Organic  lorobenzene lorodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorodifluoromethane -Dichlorodifluoromethane -Dichlorodifluoromethane -Dichloroethane -Dichloroethene -Dichloroethene -Dichloroethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts	S an MCL  D ND  D	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	NO N	ND 1	ND N	ND N
achlor ESA chlor OA ichlor OA icarb Sulfone icarb Sulfone icarb Sulfoxide ordane, Total trhyltoluamide (DEET) -Dioxane xazinone talaxyl tolachlor tolachlor ESA tolachlor OA achloroterephthalic Acid  Diatile Organic  torobenzene lorodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorotethane -Dichloropane yl Benzene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank	50 50 50 2 4 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 14 ND 15 ND 15 ND 15 ND 38 ND	No	ND NI	S an MCL  D ND  D	6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	No N	ND   1   N	ND N	ND N
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achlor ESA chlor OA ichlor OA ichlor OA icarb Sulfone icarb Sulfoxide ordane, Total trhyltoluamide (DEET) Dioxane xazinone talaxyl tolachlor ESA tolachlor OA achloroterephthalic Acid  colatile Organic  orobenzene lorodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorotethane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories From industrial chemical factories From manufacturing facilities From paint on inside of water storage tank From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND ND NO ND	ND 15 ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts	S an MCL  D ND  D	6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	NO N	ND   ND   ND   ND   ND   ND   ND   ND	ND N	ND N
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achlor ESA achlor OA achlor OA licarb Sulfone licarb Sulfoxide lordane, Total ethyltoluamide (DEET) -Dioxane xazinone talaxyl tolachlor ESA tolachlor ESA tolachlor OA achloroterephthalic Acid  lorobenzene lorodifluoromethane -Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorotethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts	S an MCL  D ND  D	66 66 66 66 66 66 67 100 100 100 100 100 100 100 100 100 10	NO N	ND 1	ND N	ND N
achlor ESA achlor OA achlor OA achlor OA dicarb Sulfone dicarb Sulfoxide lordane, Total ethyltoluamide (DEET) -Dioxane xazinone stalaxyl stolachlor ESA stolachlor ESA tolachlor OA achloroterephthalic Acid olatile Organic lorodifluoromethane -1,2-Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorotethene -Tichlorotethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a fungicide Used as a refrigerant Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 10 ND 14 ND 14 ND 14 ND 15 ND 38	No N	YS adopts	S an MCL  D ND D	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	NO N	ND 1	ND N	ND N
achlor ESA achlor OA achlor OA dicarb Sulfone dicarb Sulfoxide lordane, Total ethyltoluamide (DEET) -Dioxane xazinone stalaxyl stolachlor ESA stolachlor ESA achloroterephthalic Acid claritle Organic allorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichlorobenzene -Dichloropensene -Vylene -Tylene -	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From manufacturing facilities From manufacturing facilities From manufacturing facilities From paint on inside of water storage tank Metal degreasing sites, factories Metal degreasing sites, factories	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 15 ND 10 ND 10 ND 10 ND 10 ND 10 ND 14 ND 9 ND 14 ND 15 ND 15 ND 15 ND 38 ND 38 N	No	YS adopts	S an MCL  D ND	66 66 66 66 66 66 67 100 100 100 100 100 100 100 100 100 10	NO N	ND 1	ND N	ND N
achlor ESA achlor OA achlor OA dicarb Sulfone dicarb Sulfoxide alordane, Total ethyltoluamide (DEET) delibroane exazinone etalaxyl etolachlor ESA etolachlor ESA etolachlor OA rachloroterephthalic Acid colatile Organic allorobenzene allorodifluoromethane s-1,2-Dichloroethene s-1,2-Dichlorobenzene delibroandifluoromethane l-Dichlorobenzene delibroandifluoromethane l-Dichloroethene l-Dichloroethene l-Dichloropenzene delibroandifluoromethane ethylene Chloride ethylene Chloride ethylene Chloride ethylene Chloride ethylene Chloroethene delibroandifluoromethene ethylene Chloride ethylene Chloride ethylene Chloroethene ethylene Chloroethene ethylene Chloroethene luene ethylene chloroethene luene chloroethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a fungicide Used as a refrigerant Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No ND ND ND NO ND NO ND	ND 15 ND 10 ND 14 ND 14 ND 14 ND 15 ND 38	No N	YS adopts	S an MCL  D ND D	6 6 6 6 6 6 6 6 6 6 6 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	No N	ND   1   N	ND N	ND N

	npounds as well as Contaminants					Distribu	tion Area	54		Distrib	ution A	iea 57			Distr	ibutioi	IAICa	•
Detected Compound	Likely Source	MCL	MCLG	Unit of Measure	Violation	Low	e of Readi High Ave	g. No. of	Violatio	n Low		Avg.	No. of		on Lov	v Hig		No. o
norganics					Yes/No	Value	Value Valu	ue Tests	Yes/No	o Value	Value	Value	Tests	Yes/N	o Valu	ie Valu	e Value	e Test
Alkalinity to pH 4.5 mg CaCO3/L	Naturally occurring	n/a	n/a	mg/L	No 2	21.2 40	.2 32.5	5 30	No_	28.6	67.0	46.0	6	No	41.4	140.0	76.5	10
Aluminum	Naturally occurring	n/a	n/a	mg/L	No (	0.03 0.9	94 0.31	1 38	_No_	ND	0.05	0.02	6	No	ND	0.20	0.03	13
Ammonia, free Antimony	Some fertilizers, septic systems  Discharge from petroleum refineries	n/a 6	n/a 6	mg/L ug/L	No I			34 38	No_ No_	ND ND	ND ND	ND ND	6 6	No No	ND ND	ND ND	ND ND	13 13
Arsenic	Erosion of natural deposits	10	0	uğ/L	No I	ND N	D ND	38	No_	ND	ND	ND	6	No	ND	ND	ND	13
Barium Boron	Erosion of natural deposits  Naturally occurring	n/a	n/a	mg/L mg/L		<u>ND N</u> ND 0.1		38 71	No No_	ND ND	0.04 ND	ND ND	<u>6</u> 6	No No	ND ND	ND ND	ND ND	13 34
Bromide	Naturally occurring	n/a	n/a	ug/L	No I	N DI	D ND	60	No_	ND	69.9	ND	6	No	ND	268.0	93.5	12
Cadmium Calcium	Natural deposits, galvanized pipe Naturally occurring, pH control	5 n/a	n/a	ug/L mg/L	No I	ND N ND 0.		38 71	No_ No_	ND 7.5	ND 26.6	ND 14.5	<u>6</u> 6	No No	ND 6.2	ND 9.4	ND 7.8	13 34
Chloride	Naturally occurring salt water intrusion road sal	t 250	n/a	mg/L	No 4	1.4 14		30	No.	26.7	36.5	31.4	6	_No	_16.4	90.6	40.2	10
Chromium, total CO2, calculated	Natural deposits Naturally occurring	100 n/a	100 n/a	ug/L mg/L	No (			38 30	No No_	ND 1.5	0.6 13.0	ND 6.9	<u>6</u>	No No	ND 3.8	2.6 13.8	0.9 6.8	13 10
Cobalt-59	Naturally occurring	n/a	n/a	ug/L	No I	ND N	D ND	38	No_	ND	ND	ND	6	No	ND	ND	ND	13
Color, Apparent Copper	Naturally occurring metals or minerals Household plumbing	15 AL=1.3	n/a 1.3	Color Units mg/L	Yes I	ND 1 ND N		30 38	No No_	ND ND	10 0.05	ND 0.02	<u>6</u>	No No	ND ND	7 0.05	ND 0.02	10 13
luoride	Erosion of natural deposits	2.2	n/a	mg/L		ND 0.		30	No_	ND	ND	ND	6	No	ND	ND	ND	10
Hardness, total Hexavalent Chromium	Measure of the calcium and magnesium  Erosion of natural deposits	n/a n/a	n/a n/a	mg/L ua/L		ND 2.		71	No_	36.3	85.3 0.39	55.2 0.32		No No	29.1 0.30	57.0 2.03	40.1 0.69	34 10
ron	Naturally occurring	300	n/a	ug/L ug/L	No ! Yes 8			30 71	No	0.21 ND	82	0.32 ND	6	Yes	ND	301	77	34
ithium	Naturally occurring	n/a	n/a	ug/L		2.2 6.	6 4.1	38	No_	ND	2.2	1.4	6	No.	ND	ND	ND	13
Magnesium Manganese	Naturally occurring Naturally occurring	n/a 300	n/a n/a	mg/L ug/L	No I			71 71	No_ No_	4.13 ND	5.17 34	4.59 ND	<u>6</u> 6	No No	2.86 ND	8.58 ND	5.02 ND	34 34
/lolybdenum	Naturally occurring	n/a	n/a	ug/L	No I	N DI	D ND	38	No_	ND	ND	ND	6	_No	ND	ND	ND	13
Nickel Nitrate	Alloys, coatings manufacturing, batteries Natural deposits, fertilizer, septic tanks	100	n/a   10	ug/L mg/L		<u>ND N</u> ND 0.0		38 30	No_ No_	ND 0.63	ND 2.76	ND 1.18	<u>6</u> 6	No No	ND 0.37	0.6 3.61	ND 1.65	13 10
Nitrite	Natural deposits, fertilizer, septic tanks	1	1	mg/L	No 1	ND N	D ND	30	No_	ND	ND	ND	6	_No	ND	ND	ND	10
Perchlorate oH	Fertilizers, solid fuel propellant, fireworks Measure of water acidity or alkalinity	15 n/a	n/a	pH Units	No I	ND N 3.7 8.		30 34	No No_	0.13 6.8	0.26 8.0	0.16 7.1	<u>6</u> 8	No No	ND 7.2	0.31 7.7	0.18 7.3	9 15
oH, field	Measure of water acidity or alkalinity	n/a	n/a	pH Units	No 6			138	No_	6.9	8.3	7.5	65	No	7.0	7.8	7.3	28
Phosphate, total	Added to keep iron in solution	n/a	n/a	mg/L	No 1				No_	ND	ND 1 01	ND 1.15	6	No No	ND 0.74	2.12 1.73	0.82 1.17	34
Silicon	Naturally occurring Naturally occurring	n/a n/a	n/a n/a	mg/L mg/L	No (		57 1.67 .0 4.9	71 38	No_ No_	0.92 7.1	1.81 9.8	1.15 9.2	<u>6</u> 6	No	7.9	10.3	8.9	34 13
Sodium	Naturally occurring	n/a	n/a	mg/L	No '	10.6 27	.3 18.1	71_	No_	16.8	21.9	19.3	6	No.	20.7	72.6	45.9	34
Specific Conductance Strontium-88	Total of naturally occurring minerals  Naturally occurring	n/a n/a	n/a n/a	umho/cm mg/L	No (	58 1′ ND N		30 38	No	168 0.045	300 0.085	221 0.062	6 6	No No	_ <u>179</u> 0.037	424 7 0.08	309 7 0.05	10 7 13
Sulfate	Naturally occurring	250	n/a	mg/L	No 3	3.5 6.	0 4.3	30	No_	8.4	15.3	9.8	6	No	9.3	13.0	11.4	10
Surfactants, anionic	Washwater from septic systems   Solder used in plumbing	0.50 n/a	n/a n/a	mg/L ug/L	No I	ND N ND 0.		20 38	No No_	ND ND	ND ND	ND ND	<u>4</u> 6	No No	ND ND	ND 2.1	ND ND	8 13
itanium	Naturally occurring	n/a	n/a	ug/L	l oN	ND 30	.6 10.3	71	No_	ND	ND	ND	6	No	ND	10.0	ND	34
<u>[otal Organic Carbon (TOC)</u> _urbidity	Naturally occurring Silts and clays in aquifer	n/a 5	n/a n/a	mg/L NTU		0.6 0. ND 3.		10 30	<u>No</u> _ No_	ND ND	0.7 1.1	ND 0.43	<u>2</u> 6	No No	0.5 ND	0.6 2.8	0.6 0.95	2 10
/anadiúm	Naturally occurring	n/a	n/a	ug/L	No I	ND 1.	1 ND	38	No	ND	ND	ND	6	_No	_ND_	ND	ND	13
Zinc	Naturally occurring, plumbing	5	n/a	mg/L	_NoI	תוח חו	02 ND	38	No_									13
					110_1	<b>1</b> D 0.	02 110	- 00	140	ND	ND	ND	6_	_No_	_ND	ND	ND	10
Synthetic Orga	nic Compounds including	Pes	tici	, and the second										_				
				des a	nd H	erbic	ides (	August 2	26, 2020	NYS ad	opts an	MCL o	of 1 pp	b for 1,	4 Diox	ane, se	ee page	28)
Alachlor ESA	Degradation product of Alachlor	50	n/a	des a	nd H	erbic	ides (	August 2	26, 2020 No	NYS ad	opts an	MCL o	of 1 pp	b for 1,	<mark>4 Diox</mark> ND	ane, se	ee page	<b>28)</b>
Alachlor ESA Alachlor OA Aldicarb Sulfone	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops	50 50 2	n/a n/a 1	ug/L ug/L ug/L	nd H	erbic	D ND D ND D ND	30 30 30 30	No	NYS ad  ND  ND  ND	ND ND ND	ND ND ND	6 6 6	No No No	A Diox  ND  ND  ND  ND	ND ND ND	ND ND ND	10 10 10
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 ug/L	No !	ND N	D ND D ND D ND D ND	30 30 30 30 30	No No No No	NYS ad  ND  ND  ND  ND  ND	ND ND ND ND	ND ND ND ND	6 6 6 6	No No No No	A Diox  ND  ND  ND  ND  ND	ND ND ND ND	ND ND ND ND	10 10 10 10
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET)	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent	50 50 2 4 2 50	n/a n/a 1 1 n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L	No !	ND N ND N ND N ND N ND N ND N	D ND	30 30 30 30 30 30 29	No _	NYS ad  ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND	6 6 6 6 6	No No No No No No No	ND ND ND ND ND ND	ND ND ND ND ND ND	ND ND ND ND ND ND ND	10 10 10 10 10 10
Alachlor ESA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) ,4-Dioxane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes	50 50 2 4 2 50 *1	n/a n/a 1 1 n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No !	ND N ND N ND N ND N ND N ND N ND N	D ND	30 30 30 30 30 30 30 30 30 30 30 30	No _	NVS ad  ND	ND ND ND ND ND ND ND ND	ND	6 6 6 6 6 6	No No No No No No No No	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND	10 10 10 10 10 10
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane dexazinone Metalaxyl	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide	50 50 2 4 2 50 *1 50 50	n/a n/a 1 1 n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO !	erbic	D ND	30 30 30 30 30 30 30 29 29 29	No -	NPS ad  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	ND ND ND ND ND ND ND ND ND ND	ND N	6 6 6 6 6 6 6 6 6 6	No N	ND ND ND ND ND ND ND ND ND	ND N	ND ND ND ND ND ND ND ND ND	10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane lexazinone Metalaxyl Metolachlor	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide	50 50 2 4 2 50 *1 50 50	n/a n/a 1 1 n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	erbic	D ND D ND D ND D ND D ND D ND D ND D ND	30 30 30 30 30 30 30 30 29 29 29 29	No No No No No No No No No No	NPS ad  ND	ND ND ND ND ND ND ND ND ND ND	ND N	6 6 6 6 6 6 6 6 6	No N	ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND ND	10 10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Lexazinone Metalaxyl Metolachlor ESA Metolachlor OA	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 50 2 4 2 50 50 50 50 50 50	n/a n/a 1 1 n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No	erbic	D ND	30 30 30 30 30 30 30 29 30 29 29 29 29	No -	NPS ad  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	ND ND ND ND ND ND ND ND ND ND	ND N	6 6 6 6 6 6 6 6 6 6	No N	ND ND ND ND ND ND ND ND ND	ND N	ND N	10 10 10 10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Aldicarb Sulfoxide Aldicarb Sulfoxide Aldicarb Sulfoxide Aldicarb Sulfoxide A-Dioxane Lexazinone Aletalaxyl Aletolachlor ESA Aletolachlor OA	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor	50 50 2 4 2 50 *1 50 50 50	n/a n/a 1 1 n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	erbic	D ND D ND D ND D ND D ND D ND D ND D ND	30 30 30 30 30 30 30 30 29 29 29 29 29	No No No No No No No No No No No	NVS ad  ND  ND  ND  ND  ND  ND  ND  ND  ND  N	ND ND ND ND ND ND ND ND ND ND ND	ND N	6 6 6 6 6 6 6 6 6	No N	A Diox	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide hlordane, Total iethyltoluamide (DEET) 4-Dioxane exazinone letalaxyl letolachlor letolachlor ESA letolachlor OA trachloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 50 2 4 2 50 50 50 50 50 50	n/a n/a 1 1 n/a n/a n/a n/a n/a n/a n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	No	erbic	D ND D ND D ND D ND D ND D ND D ND D ND	30 30 30 30 30 30 30 30 29 29 29 29 29		NPS ad  ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	10 10 10 10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Jexazinone Metalaxyl Metolachlor Metolachlor OA Petrachloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Used as a rouit de used as a herbicide Used as a herbicide Used as a herbicide Used as a herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide	50 50 2 4 2 50 *1 50 50 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a n/a n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	No   No   No   No   No   No   No   No	erbic	D NDD NDD NDD NDD NDD NDD NDD NDD NDD N	30 30 30 30 30 30 30 29 30 29 29 30 30 30	No _	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND ND ND ND ND ND ND ND ND ND ND ND ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	10 10 10 10 10 10 10 10 10 10 10 10
Alachlor ESA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Jexazinone Jetalaxyl Metolachlor Jetolachlor ESA Jetolachlor OA Etrachloroterephthalic Acid	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories	50 50 2 4 2 50 *1 50 50 50 50 50 50	n/a n/a 1 1 n/a n/a n/a n/a n/a n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	NO   NO   NO   NO   NO   NO   NO   NO	erbic	D NDDD NDDD NDDD NDDD NDDDD NDDDD NDDDD NDDDD NDDDD NDDDD NDDD NDDDD NDDDD NDDDD NDDDD NDDDD NDDDD NDDDDD NDDDDD NDDDDDD	30 30 30 30 30 30 30 29 29 29 29 30 30 30	No _	NPS ad  ND	ND ND ND ND ND ND ND ND ND ND ND ND ND N	MCL o	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Aldicarb Sulfoxide Aldicarb Sulfoxide Alachlor Alachlor Alachlor ESA Aletolachlor OA Alet	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories	50 50 2 4 2 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	No   No   No   No   No   No   No   No	erbic	D NDD NDD NDD NDD NDD NDD NDD NDD NDD N	30 30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	No _	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Jexazinone Jetalaxyl Metolachlor Jetolachlor ESA Jetolachlor OA Petrachloroterephthalic Acid  Volatile Organic Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chlorodifluoromethane Chlorobenzene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories	50 50 2 4 2 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a n/a n/a n/a n/a n/a n/a n/a n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	NO   NO   NO   NO   NO   NO   NO   NO	erbic  ND N ND	D ND	30 30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	No _	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor Sulfone Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarbanide	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant	50 50 2 4 2 50 *1 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	No   No   No   No   No   No   No   No	erbic  ND N ND	D ND	30 30 30 30 30 30 29 29 29 29 30 30 30 30 4 4 34 34 34	No _	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Aldicarb Sulfone Idicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Letalaxyl Letolachlor Letolachlor ESA Letolachlor OA Letrachloroterephthalic Acid  Chlorobenzene Chlorodifluoromethane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant	50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L	NO   NO   NO   NO   NO   NO   NO   NO	erbic  ND N ND	D ND	30 30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor Sulfone Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarb Sulfoxide Idicarbanide	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide	50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	No   No   No   No   No   No   No   No	Page	D ND	30 30 30 30 30 30 30 29 30 29 29 30 30 30 30 30 4 34 34 34 34 34 34	No _	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Iexazinone Ietalaxyl Aletolachlor Ietolachlor ESA Ietolachlor OA Etrachloroterephthalic Acid  Volatile Organic Chlorobenzene Chlorodifluoromethane	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From industrial chemical factories From industrial chemical factories From industrial chemical factories From paint on inside of water storage tank	50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L	NO   NO   NO   NO   NO   NO   NO   NO	Property   Property	D ND	30 30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 4 34 34 34 34 34 34 34	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Alexazinone Metalaxyl Metolachlor ESA Aletolachlor OA Aletolachlor OB	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a fungicide Used as a herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From industrial chemical factories Entriperant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tant	50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a 1 n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	NO   NO   NO   NO   NO   NO   NO   NO	Property   Property	D ND	30 30 30 30 30 30 30 30 29 30 29 29 30 30 30 30 30 4 34 34 34 34 34 34 34 34	No -	NYS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Alachlor Alach Alachlor Alach Alachlor Alach Alachlor Alach Alachlor ESA Alachlor OA Alachl	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From pounds  From industrial chemical factories Used as fumigant and insecticide Used as a fumigant and insecticide From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities From industrial chemical factories Used in the coatings industry	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a	des a  ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/	NO   NO   NO   NO   NO   NO   NO   NO	Project   Proj	D ND	30 30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 4 34 34 34 34 34 34 34 34 34	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Lexazinone Lexazinone Metolachlor ESA Letolachlor ESA Letolachlor OA Letrachloroterephthalic Acid  Volatile Organic Chlorodifluoromethane A-Dichlorobenzene Dichlorodifluoromethane A-Dichlorobenzene Dichlorodifluoromethane A-Dichlorotene A-Dichlorotene L-Dichlorotene L-Dich	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories From manufacturing facilities From industrial chemical factories From industrial chemical factories From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline	50 50 2 4 2 50 50 50 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a 1 1 n/a	Ug/L	NO	Propice	D ND	30 30 30 30 30 30 30 30 29 30 29 29 30 30 30 30 30 4 34 34 34 34 34 34 34 34 34 34 34 34	No -	NYS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor OA Aldicarb Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET)  ,4-Dioxane dexazinone Metalaxyl Metolachlor ESA Metolachlor ESA Metolachlor OA etrachloroterephthalic Acid  Volatile Organic  Chlorobenzene Chlorodifluoromethane Cis-1,2-Dichloroethene ,4-Dichlorobenzene ,4-Dichloroethane ,1-Dichloroethane ,1-Dichloroethane ,1-Dichloroethene ,2-Dichloroethene ,2-Dichloroethene ,2-Dichloroethene ,2-Dichloroethene ,2-Dichloroethene ,4-Dichloroethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	Ug/L	NO	ND	D ND	30 30 30 30 30 30 30 30 29 30 30 29 29 30 30 30 30 30 4 34 34 34 34 34 34 34 34 34 34 34 34	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No.	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) ,4-Dioxane dexazinone detalaxyl Metolachlor ESA Metolachlor ESA detolachlor OA etrachloroterephthalic Acid  Volatile Organic Chlorodifluoromethane ,3-Dichlorobenzene Dichlorodifluoromethane ,1-Dichlorobenzene Dichlorodifluoromethane ,1-Dichlorotethene ,2-Dichlorotethene ,2-Dichloropenane ethyl BenzeneMethyl-2-Pentanone Methylene Chloride Methylene Chloride Methylethylketone Methylene Methylere-Butyl EtherXylene etrachloroethene etrachloroethene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a n/a n/a 1 1 n/a	Ug/L	NO	Project   Proj	D ND	30 30 30 30 30 30 30 30 29 30 29 29 30 30 30 30 30 30 4 34 34 34 34 34 34 34 34 34 34 34 34 3	No -	NYS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfone Aldicarb Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET)  ,4-Dioxane dexazinone Metalaxyl Metolachlor ESA Metolachlor ESA Metolachlor OA Etrachloroterephthalic Acid  Volatile Organic Chlorobenzene Chlorodifluoromethane ,3-Dichlorobenzene J-Dichlorotethene ,1-Dichloroethene ,2-Dichloroethene ,2-Dichloropenpane Ethyl Benzene -Methyletylketone Methyletylketone Methyletylketone Methyletylketone Methyletylketone Methyletylketone Methyletylkene Methyletylene etrachloroethene oluene 2 4-Trichloropenzene etrachloroethene oluene 2 4-Trichloropenzene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fumigant and insecticide Used as a fumigant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a n/a 1 1 1 n/a	Ug/L	NO	Project   Proj	D ND	30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 30 30 30 30 4 34 34 34 34 34 34 34 34 34 34 34 34 3	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No.	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane dexazinone Metalaxyl Metolachlor ESA Metolachlor ESA Metolachlor OA Altrachloroterephthalic Acid  Volatile Organic Chlorobenzene Chlorodifluoromethane A-Dichlorobenzene Dichlorodifluoromethane A-Dichlorobenzene Dichlorodifluoromethane A-Dichlorotenene Alethylene Chloride Methylene Chloride Methylene Chloride Methylene Chlorote Methylene Alethylene	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a	Ug/L	NO	Project   Proj	D ND	30 30 30 30 30 30 30 30 29 29 30 30 30 30 30 30 30 30 30 30 30 30 30	No	NYS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No N	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Aldicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Lexazinone Metalaxyl Metolachlor ESA Metolachlor OA Methyl-2-Pentanone Methyl-2-Pentanone Methyl-Tert-Butyl Ether Methyl-Tert-Butyl Ether Methyl-Tert-Butyl Ether Methyl-Tert-Butyl Ether Methyl-Tert-Butyl Ether Methyl-Tert-Butyl Chloroethene Methyl-Tert-Butyl-Ter	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From manufacturing facilities From midustrial chemical factories From paint on inside of water storage tank From paint on expective expectiv	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	NO	Project   Proj	D ND	30 30 30 30 30 30 29 29 29 29 30 30 30 30 30 30 30 30 30 30 30 40 34 34 34 34 34 34 34 34 34 34 34 34 34	No -	NPS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No.	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100
Alachlor ESA Alachlor OA Alachlor OA Alachlor OA Alachlor Sulfone Iddicarb Sulfoxide Chlordane, Total Diethyltoluamide (DEET) A-Dioxane Lexazinone Letalaxyl Letalaxyl Letalachlor ESA Letalachlor ESA Letalachlor OA Le	Degradation product of Alachlor Degradation product of Alachlor Pesticide used on row crops Residue of banned termiticide Insect Repellent Used in manufacturing processes Used as a herbicide Used as a fungicide Used as a fungicide Used as a soil herbicide Degradation product of Metolachlor Degradation product of Metolachlor Used as a herbicide  Compounds  From industrial chemical factories Used as a refrigerant From industrial chemical factories Used as a fungiant and insecticide Used as a fungiant and insecticide Refrigerant, aerosol propellant Degreaser, gasoline, manufacturing From industrial chemical factories From paint on inside of water storage tank From manufacturing facilities From industrial chemical factories Used in the coatings industry Gasoline From paint on inside of water storage tank	50 50 50 2 4 2 50 50 50 50 50 50 50 50 50 50	n/a	Ug/L	NO	Project   Proj	D ND	30 30 30 30 30 30 30 29 29 30 30 30 30 30 29 34 34 34 34 34 34 34 34 34 34 34 34 34	No	NYS ad  ND	ND N	ND N	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	No   No   No   No   No   No   No   No	A Diox  ND	ND N	ND N	100 100 100 100 100 100 100 100 100 100

Naturally Occuring Con	npounds as well as Contaminants				Dis	tribution	Area EF\	WD	D	istribut	ion Are	ea RSV	VD	С	istribu	ıtion A	rea SB	WD
Detected Compound	Likely Source	MCL M		nit of leasure		Range of Low Hig Value Val		No. of				Avg.	No. of		on Low	High		No.
norganics					103/10	value val	ue value	Tests	103/11	value	value	value	rests	Tes/IN	o valu	e value	e value	les
Ukalinity to pH 4.5 mg CaCO3/L		n/a n/a		mg/L	No N		25.5	6	No_	28.6	32.0	30.3	2	No.	23.8 ND	47.6 0.08	34.6 0.03	4
Aluminum Ammonia, free	Naturally occurring Some fertilizers, septic systems	n/a	n/a ı	mg/L mg/L	No N	ID ND	0.02 ND	6	No _No	ND ND	ND ND	ND ND	2		ND	ND	ND	4
Antimony Arsenic	Discharge from petroleum refineries Erosion of natural deposits	6 10	0	ug/L ug/L	No N		ND ND	6	No _No_	ND ND	ND ND	ND ND	2		ND ND	ND ND	ND ND	4
Barium Boron	Erosion of natural deposits Naturally occurring	2 n/a	2 1	mg/L ma/L	No N		ND ND	6	No_ No_	ND ND	ND ND	ND ND	2		ND ND	ND ND	ND ND	4
Bromide	Naturally occurring	n/a	n/a	ug/L	No N	ID ND	ND	14	No_	ND	ND	ND	10	No	_ND	ND	ND	12
Cadmium Calcium	Natural deposits, galvanized pipe Naturally occurring, pH control	5 n/a		ug/L mg/L	No N		ND 7.2	6	No_ No_	ND 9.9	ND 10.0	ND 10.0	2	No No	ND 6.8	ND 21.0	ND 12.9	4
hloride hromium, total	Naturally occurring, salt water intrusion, road sal Natural deposits		n/a	mğ/L ug/L	No 5	.2 9.9	7.3 ND	6	No_ No_	13.0 ND	14.2 ND	13.6 ND	2	_No No	5.3 ND	33.5 2.0	14.8 1.1	4
O2, calculated	Naturally occurring	n/a	n/a ı	mg/L_	No 1	.0 4.8	2.9	6	No_	1.8	1.8	1.8	2	No	2.6	4.6	3.4	4
obalt-59 olor, Apparent	Naturally occurring Naturally occurring metals or minerals	n/a 15		ug/L olor Units	No N		ND ND	<u>6</u> 6	<u>No</u> _ No_	<u>ND</u> 5	ND 5	<u>ND</u> 5	2	No No	ND ND	ND ND	ND ND	<u>4</u>
opper uoride	Household plumbing Erosion of natural deposits	AL=1.3 2.2		mg/L mg/L	No N		ND ND	<u>6</u>	No_ No_	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	4
ardness, total	Measure of the calcium and magnesium	n/a	n/a	mg/L_	No 2	.1 37.5	20.1	6	No_	34.4	35.0	34.7	2	No	20.3	68.9	40.8	4
exavalent Chromium on	Erosion of natural deposits  Naturally occurring	n/a 300		ug/L ug/L	No N		0.11 35	6 6	No_ No_	0.45 245	0.57 281	0.51 263	2	No No	0.26 ND	1.91 112	0.98 58	4
thium lagnesium	Naturally occurring Naturally occurring	n/a n/a	n/a	ug/L mg/L	No N		ND 0.52	6	No_ No_	ND 2.28	1.1 2.50	ND 2.39	2	_No No	ND 0.83	ND 3.98	ND 2.10	4
langanese	Naturally occurring	300	n/a	ug/L	No N	ID ND	ND	6	No_	ND	ND	ND	2	No	ND	ND	ND	4
olybdenum ickel	Naturally occurring Alloys, coatings manufacturing, batteries	n/a 100		ug/L ua/L	No N No 1		ND 1.6	6	<u>No_</u> No_	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	4 4
itrate itrite	Natural deposits, fertilizer, septic tanks Natural deposits, fertilizer, septic tanks	10	10	mg/L mg/L	No 0	.04 0.17	0.10 ND	6	No_	0.06 ND	0.09 ND	0.07 ND	2	No No		3.22 ND	1.86 ND	4
erchlorate	Fertilizers, solid fuel propellant, fireworks	15	5	ug/L	No N	D 0.29	0.14	6	No No	ND	ND	ND	2	No	ND	0.83	0.35	4
H H. field	Measure of water acidity or alkalinity Measure of water acidity or alkalinity	n/a n/a		H Units H Units	No 6 No 6		7.4 7.2	10 154	No_ No_	7.5 7.0	7.6 7.8	7.5 7.4	2 48	No No	7.1 6.4	7.4 7.7	7.3 7.2	<u>4</u> 97
hosphate, total otassium	Added to keep iron in solution  Naturally occurring	n/a n/a	n/a i	mg/L ma/L	No N	ID ND	ND 0.42	6	No_	ND	ND 0.60	ND 0.58	2	No No	ND 0.37	ND 0.84	ND 0.59	4
ilicon	Naturally occurring	n/a	n/a 🗀	mğ/L	No 3	.0 3.6	3.2	6	No No	0.55 6.4	6.6	6.5	2	No	5.0	7.0	5.9	4
odium pecific Conductance	Naturally occurring Total of naturally occurring minerals	n/a n/a		mg/L mho/cm	No 5 No 5		8.0 79	6 6	No_ No_	8.4 113	9.5 120	8.9 116	2	No No	4.5 67	17.0 241	9.0 135	<u>4</u> 4
trontium-88	Naturally occurring	n/a 250	n/a l	mg/L	No N	ID 0.029	0.016	6	No_	0.033	0.033	0.033		No	ND (	0.054 8.3	0.027 3.6	4
ulfate urfactants, anionic	Naturally occurring Washwater from septic systems	0.50	n/a r	mg/L mg/L	No N	ID ND	2.9 ND	6 2	No_ No_	6.7 NA	6.7 NA	6.7 NA	0	_No_ No_	ND NA	NA	NA	0
initanium	Solder used in plumbing Naturally occurring	n/a n/a		ug/L ua/L	No N		ND ND	<u>6</u>	<u>No_</u> No_	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	<u>4</u> 4
otal Organic Carbon (TOC) urbidity		n/a 5		mg/L NTU	No N	ID ND	ND	4	No_	ND	ND 1.0	ND 0.60	2		ND ND	ND 1.4	ND 0.49	4
anadiúm	Naturally occurring	n/a	n/a	ug/L	No N	ID ND	ND ND	6	No	ND ND	ND	ND	2	No	ND	ND	ND	4
inc	Naturally occurring, plumbing	5		mg/L	No_N		ND	6	_No_	ND	ND	ND	2		ND_	ND	ND	4
Synthetic Orga	nic Compounds including	Pesi	ticid	es ai	nd He	erbicio	les (Ai	ugust 20	6, 2020	NYS ad	opts ar	MCL	of 1 pp	b for 1,	4 Dioxa	ane, se	e page	28)
lachlor ESA	Degradation product of Alachlor	50	n/a	ug/L	No N		ND	6	No_	ND	ND	ND	2		ND	ND	ND	4
lachlor OA Idicarb Sulfone	Degradation product of Alachlor Pesticide used on row crops	50	n/a 1	ug/L ug/L	No N		ND ND	<u>6</u>	No_ _No_	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	4
dicarb Sulfoxide nlordane. Total	Pesticide used on row crops Residue of banned termiticide	4 2	1 n/a	ug/L ug/L	No N	ID ND	ND	6	No_	ND	ND	ND	2	No No	ND ND	ND ND	ND ND	4
ethyltoluamide (DEET)	Insect Repellent	50	n/a	ug/L	No N	ID ND	ND ND	6 6	No _No	ND ND	ND ND	ND ND	2	No	ND	ND	ND	4
4-Dioxane exazinone	Used in manufacturing processes Used as a herbicide	*1 50	n/a n/a	ug/L ug/L	No N	ID 0.20 ID ND	0.10 ND	<u>7</u> 6	<u>No_</u> No_	ND ND	ND ND	ND ND	2	No No	ND ND	0.16 ND	0.12 ND	<u>4</u> 5
etalaxyl etolachlor	Used as a fungicide Used as a soil herbicide	50 50	n/a	ug/L	No N	ID ND	ND	6	No_	ND	ND	ND	2	No	ND ND	ND ND	ND ND	5 5
etolachlor ESA	Degradation product of Metolachlor  Degradation product of Metolachlor	50	n/a n/a	ug/L	No N	ID ND	ND ND	6 6	No No	ND ND	ND ND	ND ND	2	No	ND	ND	ND	4
etolachlor OA rachloroterephthalic Acid	Degradation product of Metolachlor Used as a herbicide	50 50	n/a n/a	ug/L ug/L	No N	ND ND	ND ND	6 6	No_ No_	ND ND	ND ND	ND ND	2	No No	ND ND	ND ND	ND ND	4
olatile Organio	C Compounds																	
hlorobenzene hlorodifluoromethane	From industrial chemical factories Used as a refrigerant	5 5	n/a	ug/L	No N		ND	24	No_	ND	ND	ND	10		ND ND	ND ND	ND ND	12 12
s-1.2-Dichloroethene	From industrial chemical factories	5	n/a n/a	ug/L ug/L	No N	ID ND	ND ND	24 24	No _No	ND ND	ND ND	ND ND	10	No	ND	ND	ND	12
3-Dichlorobenzene 4-Dichlorobenzene	Used as a fumigant and insecticide Used as a fumigant and insecticide	5 5	n/a n/a		No N		ND ND	24 24	<u>No_</u> No_	ND ND	ND ND	ND ND	10 10		ND ND	ND ND	ND ND	12 12
chlorodifluoromethane 1-Dichloroethane	Refrigerant, aerosol propellant	5 5	n/a n/a		No N	ID ND	ND ND	24	No_	ND	ND ND	ND ND	10	No	_ND	ND 0.41	ND ND	12 12
1-Dichloroethene	Degreaser, gasoline, manufacturing From industrial chemical factories	5	n/a	ug/L	<u>No_N</u>	ND 0.44	ND	24	No _No	ND ND	ND	ND	10	No	_ND	ND	ND	12
2-Dichloropropane hyl Benzene	From industrial chemical factories From paint on inside of water storage tank	5 k 5	n/a	ug/L ug/L	No N		ND ND	24 24	No _No_	ND ND	ND ND	ND ND	10 10		ND ND	ND ND	ND ND	12 12
Methyl-2-Pentanone	From manufacturing facilities	50	n/a	ug/L	No_N	ID ND	ND	24	No_	ND	ND	ND	10	No	ND	ND	ND	12
ethylene Chloride ethylethylketone	From industrial chemical factories Used in the coatings industry	5 50	n/a n/a	ug/L ug/L	No N	ID ND	ND ND	24 24	No _No	ND ND	ND ND	ND ND	10 10	No_	ND ND	ND ND	ND ND	12 12
	Gasoline From paint on inside of water storage tank	10 k 5	n/a n/a	ug/L ug/L	No N	ID ND	ND ND	24 24	No_No_	ND ND	ND ND	ND ND	10 10		ND ND	ND ND	ND ND	12 12
m-Xylene	From paint on inside of water storage tank	k 5	n/a	ug/L	<u>No_N</u>	ID ND	ND	24	No_	ND	ND	ND	10	No	_ND	ND	ND	12
etrachloroethene bluene	Factories, dry cleaners, spills From paint on inside of water storage tank	5 k 5	0 n/a	ug/L ug/L	No N	ID ND	ND ND	24 24	No _No	ND ND	ND ND	ND ND	10 10	No	ND ND	ND ND	ND ND	12 12
2,4-Trichlorobenzene 1,1-Trichloroethane	Discharge from textile-finishing factories	5 5	n/a	ug/L	No_N	ID ND	ND	24	No_	ND	ND	ND	10	No	ND	ND 0.40	ND ND	12 12
ichloroethene	Metal degreasing sites, factories Metal degreasing sites, factories	5	n/a 0		No N	ID 5.03	ND 1.74	24	No	ND ND	ND ND	ND ND	10	No	ND	ND	ND	12
ichlorofluoromethane 2,3-Trichloropropane	Dry cleaning propellant fire extinguishers Degreasing agent, manufacturing	5 5	n/a n/a	ug/L ug/L	No N	ND ND	ND ND	24 24	No _No_	ND ND	ND ND	ND ND	10 10		ND ND	ND ND	ND ND	12 12
	O D TO TO THE TOTAL OF THE TOTA			- S/L				0.4	No									12
1,2-Trichlorotrifluoroethane	Solvent in paints and varnishes	5	n/a	ug/L	No_N	ID ND	ND	24	110	ND	ND	ND	10	_No_	_ND	ND	ND	—ь

### **WELL MONITORING FOR TOTAL COLIFORM**

All SCWA wells prior to chlorination (source water monitoring) and the chlorinated water leaving the pump stations are tested quarterly for total coliform bacteria as required. As part of the GWR, EPA also requires reporting E. coli when found in source water monitoring. In 2021, all source water monitoring samples were E. coli-negative (no E. coli was found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including E. coli were found), and no sanitary deficiencies were found. In 2021, all samples collected after chlorination were total coliform-negative (no coliforms, including E. coli were found), except as noted in the chart below. Additional samples from these wells were total coliform-negative (no coliforms, including E. coli were found), and no sanitary deficiencies were found.

### 2021 Microbiological Test Results for Wells and Heterotrophic Plate Count (HPC)

Well Location	Collection Point at Pump Station	Test Results
Distribution Area 6*	Raw (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 26*	Raw (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 35*	Raw (prior to chlorination)	Total coliform-positive, E. coli-positive
Distribution Area 1*	Treated (after chlorination)	Total coliform-positive, E. coli-negative
Distribution Area 9*	Treated (after chlorination)	Total coliform-positive, E. coli-negative
Distribution Area 12*	Treated (after chlorination)	Total coliform-positive, E. coli-negative
Distribution Area 30*	Treated (after chlorination)	Total coliform-positive, E. coli-negative
*Please see map on pages 2 and 3	for the distribution area location.	

SCWA's lab also tests every filtration system and water storage tank for total coliform and performs Heterotrophic Plate Count (HPC) measurements. Since most bacteria, including many of the bacteria



associated with drinking water systems, are heterotrophs. this test can provide useful information about water quality. In 2021, the HPC results for our storage tanks were negative (no heterotrophs were found). The HPC results for our filter systems can be found in the 2021 Drinking Quality Water Report Supplement. Please see page 35 for more information on this report.

## MICROBIOLOGICAL TESTING AND MONITORING REQUIREMENTS

To reduce the risk of illness caused by microbial contamination the SCWA tests for total coliform bacteria, including E. coli. Total coliform bacteria are a conservative indicator of the potential for contamination from waste and provides a basis for investigation to determine and correct sanitary deficiencies. E. coli is a coliform bacteria that indicates fecal contamination and an immediate concern requiring prompt investigation. The Total Coliform Rule (TCR) and Ground Water Rule (GWR) are

EPA regulations that require us to test our distribution system for total coliform bacteria. When there is a total coliform-positive result found in a distribution system sample, we are then required to test our wells in the surrounding area. This is called Triggered Source Water Monitoring. In 2021, all Triggered Source Water monitoring samples were total coliform-negative (no coliforms, including E. coli were found).

### Revised Total Coliform Rule (RTCR) and Groundwater Rule (GWR) Monitoring

On April 1, 2016, the EPA revised its existing Total Coliform Rule. The revised rule (RTCR) establishes a maximum contaminant level (MCL) for E. coli and uses E. coli and total coliforms to initiate a "find and fix" approach to address fecal contamination that could enter the distribution system. It requires public water systems (PWSs) to perform assessments to identify sanitary defects and subsequently take action to correct them. In 2021, we collected an average of 932 total coliform samples each month, including samples from East Farmingdale, Stony Brook, Riverside,

and Dering Harbor Water Districts. The number of samples required is based on the population in each distribution area.

Large distribution areas (greater than 40 total coliform samples collected monthly), shown in Table I below, must report the highest percentage of positive samples collected in any one month. Small distribution areas (40 or less total coliform samples collected monthly), shown in Table II below, must report the highest number of positive samples.

#### **Revised Total Coliform Rule Level 1 & Level 2 Assessment Definitions**

In 2021 we found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct an assessment (s) to identify problems and to correct any problems that were found during these assessments.

- Level 1 Assessment: A Level 1 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why total coliform bacteria have been found in our water system.
- Level 2 Assessment: A Level 2 assessment is an evaluation of the water system to identify potential problems and determine, if possible, why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

### **2021 Microbiological Test Results for Distribution**

T/		– <b>Microbiol</b> for Large Water Di			lts	TA		— Microbiol for Small Water Di			ılts
Compound	Violation	MCL	MCLG	Unit Measure	Likely Source	Compound	Violation	MCL	MCLG	Unit Measure	Likely Source
Total Coliform Bacteria	Yes/No	Presence of Coliform in 5% of Monthly Samples	0	n/a	Naturally Present in the Environment	Total Coliform Bacteria	Yes/No	Two or More Positive Samples	0	n/a	Naturally Present in the Environment
Distribution Area		Highest Monthly Percentage Positive	Lowest Monthly Percentage Positive	Average Monthly Percentage Positive	No. of Tests for the Year	Distribution Area		Highest Monthly Amount Positive	Lowest Monthly Amount Positive	Average Monthly Amount Positive	No. of Tests for the Year
10 20	No No	2.1% 1.0%	0% 0%	0.2% 0.2%	533 682	ND	No	ND	ND	ND	ND

Distribution Areas 1, 15, and 23 had no detections of total coliform in 2021.

Distribution Areas 4, 5, 6, 7, 8, 9, 11, 14, 26, 30, 32, 34, 35, 44, 53, 54, 57, 64, Stony Brook, Riverside, and East Farmingdale Water Districts had no detections of total coliform in 2021.

### **DISINFECTION BYPRODUCTS RULE MONITORING**

The SCWA is required to use a disinfectant to reduce the potential of microbial contamination. Minute amounts of chlorine are used to prevent bacterial growth in our distribution system. Disinfectants, such as chlorine, can react with the naturally occurring components in water to form byproducts referred to as disinfection byproducts (DBPs). DBPs, if consumed in excess of the MCL over many years, may lead to increased health risks. To increase public health protection by reducing the potential risk of adverse health effects associated with DBPs from the required chlorination of our drinking water, the SCWA tests for two types of DBPs - Trihalomethanes (THMs) and Haloacetic Acids (HAAs). The MCL is 80 ppb for the sum of the four THMs, and for the sum of five HAAs the MCL is 60 ppb.

The Stage 2 Disinfectant and Disinfection Byproducts Rule (DBPR) is an EPA regulation that requires us to monitor our distribution system quarterly for four THMs (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) and five HAAs (monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid). The chart below includes the range of quarterly results for the sum of the two groups of DBPs and the highest Locational Running Annual Average as required. The SCWA also monitors the wells and storage tanks for various other DBPs, including chlorate and four additional HAAs. The 2021 disinfectant and disinfection byproducts results for each distribution area are noted on pages 11-23.

### **2021 Stage 2 DBPR Test Results**

<b>Detected Compound</b>		7	otal Trih	alomethanes	S	7	Total Halo	oacetic Acids	S
Likely Source		Ву	product o	of chlorinati	on	Ву	product o	of chlorinati	on
MCL				80				60	
MCLG			ľ	N/A			1	N/A	
Unit of Measure			u	g/L			u	ıg/L	
			Range o	f Readings			Range o	f Readings	
Location	Sample Site	Low Value	High Value	Annual Average	No. of Tests	Low Value	High Value	Annual Average	No. of Tests
SCWA	1	1.70	5.60	4.12	4	ND	0.60	ND	4
	2	4.25	17.27	9.20	4	ND	2.40	1.50	4
	3	ND	1.50	0.82	4	ND	ND	ND	4
	4	20.92	33.16	25.69	4	2.64	4.21	3.24	4
	5	12.23	24.02	17.00	4	1.73	5.64	3.40	4
	6	5.68	15.54	8.91	4	ND	0.96	0.63	4
	7	1.56	4.38	2.99	4	ND	0.74	ND	4
	8	0.36	6.58	2.69	4	0.45	5.09	1.81	4
FHWD	1	2.72	7.55	5.36	4	3.21	9.39	5.97	4
	2	1.79	17.67	7.97	4	0.66	23.96	9.59	4
EFWD	1	0.35	0.41	0.38	4	ND	ND	ND	4
	2	1.73	4.51	2.90	4	ND	ND	ND	4
SBWD	1	ND	2.33	1.21	4	ND	0.48	ND	4
	2	0.43	1.07	0.62	4	ND	ND	ND	4
RSWD	1	0.84	1.48	1.20	4	ND	ND	ND	4
	2	2.31	3.93	2.79	4	ND	ND	ND	4

### Iron and Manganese

**Iron** is a common metal and a dietary mineral that is essential for maintaining human health. It is used in construction materials, in drinking water pipes, in paint pigments and plastics, and as a treatment for iron deficiency in humans. Iron can be elevated in drinking water in areas where there are high concentrations of iron in soil and rocks, and where iron salts are used in the water treatment process. Iron can also get into drinking water from corrosion of cast iron, steel, and galvanized iron pipes used for water distribution. Elevated levels of iron in water can result in a rusty color and sediment, a metallic taste, and reddish or orange staining.

Although iron is essential for good health, too much iron can cause adverse health effects. For example, oral exposure to very large amounts of iron can cause effects on the stomach and intestines (nausea, vomiting, diarrhea, constipation and stomach pain). These effects occur at iron exposure levels higher than those typically found in drinking water, and usually diminish once the elevated iron exposure is stopped. A small percentage of people have a condition called hemochromatosis, in which the body absorbs and stores too much iron. People with hemochromatosis may be at greater risk for health effects resulting from too much iron in the body (sometimes called "iron overload") and should be aware of their overall iron intake. The New York State standard for iron in drinking water

is 0.3 milligrams per liter, and is based on the effects of iron on the taste, odor and appearance of the water.

**Manganese** is a common element in rocks, soil, water, plants, and animals. Manganese occurs naturally in water after dissolving from rocks and soil. It may also occur if manganese gets into surface or groundwater after improper waste disposal in landfills or by facilities using manganese in the production of steel or other products. Manganese is an essential nutrient that is necessary to maintain good health. However, exposure to too much manganese can cause adverse health effects. There is some evidence from human studies that long-term exposure to manganese in drinking water is associated with nervous system effects in adults (e.g., weakness, stiff muscles and trembling of the hands) and children (learning and behavior). The results of these studies only suggest an effect because the possible influences of other factors were not adequately assessed. There is supporting evidence that manganese causes nervous system effects in humans from occupational studies of workers exposed to high levels of manganese in air, but the relevance of these studies to long term drinking water exposure is less clear because the exposures were quite elevated and by inhalation, not by ingestion.

### **Radionuclides and Radiological Monitoring**

#### **Gross Alpha and Gross Beta**

Most drinking water sources have very low levels of naturally occurring radioactive elements called radio-nuclides. These levels are low enough not to be considered a public health concern. Radionuclides can be present in several forms called isotopes which emit different types of radioactive particles called alpha or beta. Radioactivity in water is measured in picoCuries per liter (pCi/L). The EPA has set the maximum contaminant level (MCL), the highest level allowed in drinking water, for gross alpha (all alpha emitters except uranium and radon) at 15 pCi/L. NYS considers 50 pCi/L of gross beta activity to be the level of concern for gross beta. The gross alpha and gross beta results for each distribution area are noted on page 27.

#### Tritium

Some radionuclides emit gamma (also called photon) radiation. Common byproducts from nuclear reactors and waste, such as cesium-137, emit gamma radiation (also called photon emitters). Due to differences in energy levels, the MCL in pCi/L for a particular photon emitter will depend on the type of radionuclide present. Tritium, a radioactive isotope of the element hydrogen, is a weak beta emitter. It occurs naturally in the environment in very low concentrations, and may also be produced during nuclear weapon explosions and as a byproduct from nuclear reactors. The EPA has set a 20,000 pCi/L MCL for tritium. In 2021 we monitored 30 wells

near Brookhaven National Laboratory for gross alpha and beta particles, tritium, and gamma radiation. These wells are located in distribution areas 1,12 and 20. The gross alpha and gross beta results for these areas are listed in the chart on page 27. There were no detections of tritium or gamma radiation in the 98 samples tested.

#### Radium-226 and Radium-228

Radium, a naturally radioactive metal, occurs at very low levels in virtually all rock, soil, water, plants, and animals. Radium-226 and radium-228 are isotopes of radium. The EPA has set a combined MCL of 5 pCi/L for radium-226 and radium-228. If radium-226 is not tested, the gross alpha measurement is substituted for radium-226 to determine compliance with the MCL. Some people who drink water containing radium-226 or radium-228 in excess of the MCL over many years may have an increased risk of cancer.

From October 2007 through 2009, we monitored a well in each aquifer at all our well fields for gross alpha, gross beta and radium-228 as required, and presented the results for each year in our Drinking Water Quality Reports. Since that time, quarterly monitoring at new well fields or at new wells placed at a well field where the aquifer had not been monitored previously and continuing monitoring on existing wells as required has been performed. The results for each distribution area are noted in the chart on page 27.

### RADIOLOGICAL TEST RESULTS (ALL DISTRIBUTION AREAS)

**Radon**, a naturally occurring radioactive gas found in soil and outdoor air, may also be found in drinking water and indoor air. Some people exposed to elevated radon levels from sources including drinking water may, over many years, have an increased risk of developing cancer. The main risk from radon is lung cancer entering indoor air from soil under homes. For further information, call the state radon program at (800) 458-1158 or call the EPA's Radon Hotline at (800) SOS-Radon.

In 2021 we monitored for radon at 80 locations throughout our distribution system. The results for each distribution area are noted in the chart below. The test results ranged from ND to 253 pCi/L of radon. Currently there is no MCL for radon. The EPA is proposing to require water suppliers to provide water with levels no higher than 4,000 pCi/L of radon.

The EPA is proposing to require water suppliers to provide water with levels no higher than 4,000 pCi/L of radon.

Detected Compound	G	ROS	S ALPH	Α		GROS	S BET	Δ.		RAD	ON-222			RADI	UM-226	6		RADII	JM-228	;
Likely Source	Er		of Natu posits	ural			oosits, missio				occuri		Er		of Nati	ural	Ere		of Natu osits	ıral
MCL			15			5	50			١	I/A				5				5	
MCLG			0				0				0				0				0	
Unit of		p	Ci/L			ρQ	i/L			p	Ci/L			p(	Ci/L			ρQ	i/L	
Measure	Ran	nge of	f Read	inas	Rar	nge of	Read	inas	Ran	nge of	f Readi	inas	Ran	nge of	f Read	inas	Ran	nge of	Read	inas
Distribution			Average				Average		Low		Average		Low	High	Average	Ū	Low		Average	
Area	Value	Value	Value	Tests	Value	Value	Value	Tests	Value	Value	Value	Tests	Value	Value	Value	Tests	Value	Value	Value	Tests
1	ND	ND	ND	23	ND	4.89	ND	23	ND	117	ND	10	ND	ND	ND	4	ND	ND	ND	4
4	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
5 6	ND ND	ND ND	ND ND	2 6	ND	ND ND	ND ND	2 6	ND	ND ND	ND	1 2	ND ND	ND	ND ND	1	ND	ND ND	ND ND	1
7				_	ND			_	ND		ND			ND		4	ND			4
8	ND ND	ND ND	ND ND	1	ND ND	ND ND	ND ND	1	ND ND	ND ND	ND ND	1	NA NA	NA NA	NA NA	0	NA NA	NA NA	NA NA	0
9	ND	1.53	ND	2	ND	2.95	ND	2	ND	ND	ND	2	NA	NA	NA	ő	NA	NA	NA	ő
10	ND	ND	ND	6	ND	2.63	ND	6	ND	ND	ND	2	ND	ND	ND	4	ND	2.95	1.11	4
11	ND	2.01	ND	11	ND	3.22	ND	11	ND	125	ND	2	ND	ND	ND	9	ND	2.74	1.56	9
12	ND	1.86	ND	49	ND	21.90	ND	49	ND	123	ND	13	ND	ND	ND	15	ND	1.12	ND	15
14	ND	ND	ND	3	ND	ND	ND	3	ND	ND	ND	2	ND	ND	ND	1	ND	ND	ND	1
15	ND	ND	ND	20	ND	2.63	ND	20	ND	122	ND	6	ND	ND	ND	14	ND	1.00	ND	14
20	ND	ND	ND	37	ND	3.79	ND	37	ND	ND	ND	6	ND	ND	ND	12	ND	ND	ND	12
23	ND	ND	ND	10	ND	2.07	ND	10	ND	109	ND	5	ND	1.75	ND	5	ND	ND	ND	5
26	ND	ND	ND	4	ND	ND	ND	4	ND	253	118	3	ND	ND	ND	1	ND	ND	ND	1
30	ND	ND	ND	10	ND	5.62	2.20	10	ND	114	ND	3	ND	ND	ND	7	ND	ND	ND	7
32	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1	NA	NA	NA	0	NA	NA	NA	0
34	ND	ND	ND	1	ND	ND	ND	1	117	117	117	1	NA	NA	NA	0	NA	NA	NA	0
35	ND	ND	ND	1	ND	ND	ND	1	129	129	129	1	NA	NA	NA	0	NA	NA	NA	0
44	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1
53	ND	ND	ND	5	ND	ND	ND	5	ND	ND	ND	4	ND	ND	ND	1	ND	ND	ND	1
54	ND	ND	ND	6	ND	ND	ND	6	ND	ND	ND	5	ND	ND	ND	1	ND	ND	ND	1
57	ND	ND	ND	2	ND	ND	ND	2	ND	ND	ND	1	ND	ND	ND	1	ND	ND	ND	1
64	ND	ND	ND	1	ND	ND	ND	1	118	118	118	1	NA	NA	NA	0	NA	NA	NA	0
EFWD	ND	ND	ND	2	ND	ND	ND	2	103	137	120	2	NA	NA	NA	0	NA	NA	NA	0
RSWD SBWD	ND ND	ND ND	ND ND	1 2	ND ND	ND 3.40	ND 2.20	1 2	ND ND	ND 156	ND 103	1 2	NA NA	NA NA	NA NA	0	NA NA	NA NA	NA NA	0
SPAAD	שו	שוו	טא		שו	3.40	2.20		שוו	100	103		IVA	IVA	INA	U	IVA	IVA	IVA	U

### **Asbestos Monitoring**

Asbestos-cement water mains are made from cement with asbestos fibers added to make the pipes strong. Although drinking water can pass through these pipes without becoming contaminated with asbestos fibers, asbestos fibers may be released through the wear or breakdown of these mains; errosion of natural deposits. The EPA has set the maximum contaminant level (MCL) for asbestos at 7.0 million fibers per liter (MFL). Some people who drink water containing asbestos in excess of the MCL over many years may have an increased risk of developing benign intestinal polyps. Although testing is required every nine years, the SCWA tests every year.

In 2021 we monitored 17 sampling station locations and 5 production wells where asbestos-cement pipes exist. All locations were non-detect (no asbestos fibers were present).

### **MAXIMUM CONTAMINANT LEVEL DEFERRALS**

### PFOS, PFOA and 1,4-Dioxane

When a public water system (PWS) is issued a deferral, the water system agrees to a schedule for corrective action and compliance with the new PFOS, PFOA or 1,4-dioxane MCLs. In exchange, the New York State Department of Health (the Department) agrees to defer enforcement actions, such as assessing fines, if the PWS is meeting established deadlines. Deferral recipients are required to update the Department and the Suffolk County Department of Health Services each calendar quarter on the status of established deadlines. The Department can resume enforcement if the agreed upon deadlines are not met. Information about our deferral and established deadline can be found at the following site: <a href="https://www.scwa.com/emerging-contaminants/">https://www.scwa.com/emerging-contaminants/</a>.

#### What is being done to remove these contaminants?

SCWA is installing granular activated carbon treatment systems at impacted wells to remove PFOA and PFOS and advanced oxidation process systems to remove 1,4-dioxane. In the interim, SCWA will make every effort to operationally minimize the concentration of 1,4-dioxane, PFOA and PFOS in the distribution system at any given time. Additional information will be shared as further testing and progress occurs. This process is similar for any chemical detected in public drinking water that requires mitigation. The compliance timetable will ensure that your drinking water will meet the MCL as rapidly as possible. The deferral is effective until August 25, 2022.

Residents of the Town of Southold are advised that SCWA purchases wholesale water from the Riverhead Water District (RWD) for resale to our Southold customers and that the RWD has also been issued a deferral by the New York State Department of Health for PFOA and PFOS. SCWA's Southold customers may view information on the RWD deferral and steps the district is taking in order to comply by visiting their website at: <a href="https://www.townofriverheadny.gov/pview.aspx?id=2492&catID=118">https://www.townofriverheadny.gov/pview.aspx?id=2492&catID=118</a>.







### 2021 Nitrosamine Test Results for Distribution Area 12\*

One well in Distribution Area 12 has nitrosamines. Currently granular activated carbon (GAC) treatment is being used at these wells for nitrosamine removal. Nitrosamines can be formed by a byproduct of the disinfection of drinking water or found as a contaminant in drinking water from manufacturing processes such as for rubber and latex products. Additionally, nitrosamines are found in tobacco smoke, cosmetics and food products such as cured meats and fish, beer and smoked products, and they also form in the body from the nitrosation of dietary amines. The EPA has classififed several nitrosamines as probable carcinogens, but has not set an MCL. The nitrosamines were measured at extremely low levels, in parts per trillion or ppt. A summary of the 2021 test results for Distribution Area 12 is shown in the chart below.

Detected Compounds	Unit of Measure	Low Value	High Value	Average Value	No. of Tests
N-Nitrosomorpholine	ppt	ND	2.80	ND	8

<sup>\*</sup> Please see map on pages 2 and 3 for the location of Distribution Area 12

### 2021 AOP Byproduct Test Results for Commercial Blvd - Distribution Area 12\*

At one well located in Distribution Area 12 the Suffolk County Water Authority utilizes an AOP (Advanced Oxidation Process) to treat for an emerging contaminant, 1,4-Dioxane. The New York State Department of Health required the SCWA to perform additional testing for specific Aldehydes and Carboxylic Acids. These compounds are potential by-products of the treatment process and are indicators of the effectiveness of the AOP system. There were no positive detects in 2021.