characteristic name	method speciation	sample fraction		Environmental quality guidelines for Alberta surface waters (2018) - Agricultural Uses	Environmental quality guidelines for Alberta surface waters (2018) - Protection of Aquatic Life	Canadian Water Quality Guidelines for the Protection of Agricultural Water Uses	Canadian Water Quality Guidelines for the Protection of Aquatic Life	Benchmarks for Piscivores	Federal Environmental Quality Guidelines	Guidelines for Canadian Drinking Water Quality - Chemical and Physical Parameters (2021)	Drinking Water Regulations (US EPA)	Water Quality Criteria - Organoleptic Effects (US EPA)	Water Quality Criteria - Human Health Drinking Water and Organism (US EPA)	Drinking Water (US	Life Criteria (US EPA)	Guidelines for drinking-water quality (WHO)
.alphaEndosulfan			ug/L												0.056 0.056	
.betaEndosulfan 1,1,1-Trichloroethane			ug/L								200		10000	200000	0.056	
1,1,1-1 richioroethane 1,1,2,2-Tetrachloroethane			ug/L								200		2	30		
1,1,2,2-Tetrachioroethane			ug/L				21				3		5.5	89		
1,1-Dichloroethylene			ug/L ug/L					929		14	7		300	20000		
1,2,3,4-Tetrachlorobenzene			ug/L		1.8		1.8	020		**	•		0.03	0.03		
1,2,3-Trichlorobenzene			ug/L		8		8						0.00	0.00		
1,2,4-Trichlorobenzene			ug/L		24		24				70		0.071	0.76		
1,2-Dibromo-3-chloropropane			ug/L								0.2					1
1,2-Dibromoethane			ug/L													0.4
1,2-Dichlorobenzene			ug/L		0.7								1000	3000		1000
1,2-Dichloroethane			ug/L	5	100	5	100	4284		5	5		99	6500		30
1,2-Dichloroethene			ug/L													50
1,2-Dichloropropane			ug/L								5		9	310		40
1,2-Diphenylhydrazine			ug/L										0.3	2		
1,3-Dichlorobenzene			ug/L		150								7	10		
1,3-Dichloropropene			ug/L										2.7	120		20
1,4-Dichlorobenzene			ug/L		26								300	900		300
1,4-Dioxane			ug/L													50
2,3,4,6-Tetrachlorophenol			ug/L							100		1				
2,3-Dichlorophenol			ug/L									0.04				
2,4,5-Trichlorophenol			ug/L							_		1	300	600		9
2,4,6-Trichlorophenol			ug/L		4					5	70	2	15	28		200
2,4-D			ug/L		4 25		4			100	70		1300	12000		30
2,4-DB			ug/L		25					900		0.3	10	60		90
2,4-Dichlorophenol 2,4-Dimethylphenol			ug/L							900		400	100	3000		
2,4-Dinitrophenol			ug/L ug/L									400	100	300		
2,4-Dinitrophenor			ug/L ug/L										0.49	17		
2,5-Dichlorophenol			ug/L									0.5	0.10			
2,6-Dichlorophenol			ug/L									0.2				
2-Chloronaphthalene			ug/L										800	1000		
2-Chlorophenol			ug/L									0.1	30	800		
2-Methyl-4,6-Dinitrophenol			ug/L										2	30		
2-Methyl-4-Chlorophenol			ug/L									1800				
3,3'-Dichlorobenzidine			ug/L										0.49	1.5		
3,4-Dichlorophenol			ug/L									0.3				
3-Chlorophenol			ug/L									0.1				
carbamate			ug/L		1.9		1.9									
3-Methyl-4-Chlorophenol			ug/L									3000	500	2000		
3-Methyl-6-Chlorophenol			ug/L									20				
4-Chlorophenol			ug/L									0.1				
Acenaphthene			ug/L		5.8		5.8					20	70	90		
Acridine			ug/L		4.4		4.4						•	400	•	
Acrolein			ug/L		3						0.5		3	400	3	0.5
Acrylamide			ug/L								0.5		0.61	70		0.5
Acrylonitrile Alachlor			ug/L ug/L								2		0.01	70		20
Alachior Alcohol ethoxylates			ug/L ug/L						70		_					20
Aldicarb			ug/L ug/L	11	1	11	1		. 0							10
Aldrin			ug/L ug/L		0.004		0.004	0.001					0.0000077	0.0000077		.5
Aldrin and dieldrin			ug/L													0.03
Alkalinity, total	as CaCO3		mg/L		20										20	
alpha-Endosulfan			ug/L										20	30		
alpha-Hexachlorocyclohexane			ug/L										0.0036	0.0039		
Aluminum		Total	ug/L	5000		5000	100	18								200
Aluminum		Dissolved	ug/L		50											
Ammonia			mg/L		0.794											35
Ammonia, unionized			mg/L		0.016		0.019									
Aniline			ug/L		2.2		2.2									

Anthracene		ug/L		0.012		0.012						300	400		
Antimony	Total	ug/L					161		6	6		5.6	640		20
Arsenic	Total	ug/L	25	5	25	5	16		10	10		0.18	1.4		10
Arsenic	Dissolved	ug/L												150	
Asbestos		ug/L								7		7			
Atrazine		ug/L	5	1.8	5	1.8			5	3					
metabolites		ug/L													100
Azinphos-methyl		ug/L		0.01					20					0.01	
Barium	Total	ug/L							1000	2000		1000			1300
Benzene		ug/L		40		370	2293		5	5		5.8	160		10
Benzidine		ug/L										0.0014	0.11		
Benzo(a)anthracene		ug/L		0.018		0.018						0.012	0.013		
Benzo(a)pyrene		ug/L		0.015		0.015	0.00672		0.04	0.2		0.001	0.0013		0.7
Benzo(b)fluoranthene		ug/L										0.012	0.013		
Benzo(k)fluoranthene		ug/L										0.12	0.13		
Beryllium	Total	ug/L	100		100		136			4					
beta-Endosulfan		ug/L										20	40		
beta-Hexachlorocyclohexane		ug/L										0.08	0.14		
Bis(2-Chloro-1-methylethyl) Ether		ug/L										200	4000		
Bis(2-Chloroethyl) Ether		ug/L										0.3	22		
Bis(2-Ethylhexyl) Phthalate		ug/L										0.32	0.37		
Bis(Chloromethyl) Ether		ug/L										0.002	0.17		
Bisphenol A-d6		ug/L						3.5							
Boron	Total	ug/L	5000	1500	5000	1500			5000						2400
Bromacil		ug/L	1100	5	1100	5									
Bromate		ug/L							10	10					10
Bromodichloromethane		ug/L	100												60
Bromoform		ug/L	100									7	120		100
Bromoxynil		ug/L	11	5	11	5			5						
Butylbenzyl Phthalate		ug/L										1	1		
Cadmium	Total	ug/L	80	0.184	80	0.184	0.231			5					3
Cadmium	Dissolved	ug/L												0.824	
Calcium		mg/L	1000		1000										
Captan		ug/L	13	1.3		1.3									
Carbamazepine		ug/L		10		10									
			1100		110				90					2.1	
Carbamazepine Carbaryl Carbofuran		ug/L		10 0.2 1.8	110 45	10 0.2 1.8			90	40				2.1	7
Carbamazepine Carbaryl		ug/L ug/L	1100	10 0.2		10 0.2 1.8 13.3	913		90 2	5		4	50	2.1	7 4
Carbamazepine Carbaryl Carbofuran		ug/L ug/L ug/L	1100 45	10 0.2 1.8	45	10 0.2 1.8	913		90 2 3000			4	50	2.1	4
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride		ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3	45 5	10 0.2 1.8 13.3 0.5			90 2	5 4000		·			4 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines		ug/L ug/L ug/L ug/L ug/L	1100 45	10 0.2 1.8	45	10 0.2 1.8 13.3	913 0.00889		90 2 3000	5		4 0.003	50 0.0032	2.1	4 700 0.2
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate		ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3	45 5	10 0.2 1.8 13.3 0.5			90 2 3000	5 4000		·			4 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane		ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000	5 4000		·		0.0043	4 700 0.2
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlorden Chlordone		ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000	5 4000		·		0.0043	4 700 0.2
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordae Chloride Chloride C18-C20		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4	45 5	10 0.2 1.8 13.3 0.5			90 2 3000 1000	5 4000 2		·		0.0043 230	700 0.2 250
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride Ctloride Ctloride Ctl8-C20 chain, C14-C17		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000	5 4000		·		0.0043	4 700 0.2
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride Chloride Chloride Chloride C18-C20 chain, C14-C17 C10-C13		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000 250	5 4000 2 4000 800		·		0.0043 230	4 700 0.2 250 5000
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000 250	5 4000 2 4000 800 800		0.003	0.0032	0.0043 230	700 0.2 250
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride Ctla-C20 chain, C14-C17 C10-C13 Chlorine Chlorite Chlorite Chlorite Chlorobenzene		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4	45 5	10 0.2 1.8 13.3 0.5		2.4	90 2 3000 1000 250	5 4000 2 4000 800		0.003	0.0032	0.0043 230	4 700 0.2 250 5000
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine dioxide Chlorite		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5 7	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800		0.003 100 8	0.0032 800 210	0.0043 230	4 700 0.2 250 5000 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorite Chlorobenzene Chlorodibromomethane Chloroform		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5	10 0.2 1.8 13.3 0.5 0.006 120		2.4	90 2 3000 1000 250	5 4000 2 4000 800 800		0.003	0.0032	0.0043 230	4 700 0.2 250 5000
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorite Chlorobenzene Chlorodiromomethane Chloroform Chlorophenol		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5 7	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800 100		0.003 100 8 60	0.0032 800 210 2000	0.0043 230	4 700 0.2 250 5000 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorite Chlorobenzene Chlorodibromomethane Chloroform		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5	45 5 7	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800		0.003 100 8	0.0032 800 210	0.0043 230	4 700 0.2 250 5000 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine dioxide Chlorite Chlorobenzene Chlorofform Chlorofform Chlorofform		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5 7	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800 100		0.003 100 8 60	0.0032 800 210 2000	0.0043 230	4 700 0.2 250 5000 700
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorione Chlorione Chlorione Chlorione Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonii Chlorotoluron		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5 7 100 100 170	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800 100		0.003 100 8 60	0.0032 800 210 2000	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Siivex] Chlorothalonil		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5	45 5 7	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800 100		0.003 100 8 60	0.0032 800 210 2000	0.0043 230	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorione Chlorione Chlorione Chlorione Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonii Chlorotoluron	Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5 1.3 1.8 7	45 5 7 100 100 170 24	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride Chloride Chloride Chloride Chloride Chloride Chlorine Chlorine Chlorine Chlorine Chlorine Chlorite Chlorobenzene Chloroform Chlorophenol TP) [Silvex] Chlorotoluron Chloroptyrifos	Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5	45 5 7 100 100 170	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60	0.0032 800 210 2000	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorobenzene Chlorobenzene Chlorophenol TP) [Silvex] Chlorotluron Chlorotluron Chlorotoluron Chlorotoluron Chlorotoluron Chlorotoluron Chlorotoluron Chlorotyffos Chromium		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9	45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonil Chlorotoluron Chloroption Chlorotholuron Chlorotholuron Chlorotholuron Chlorotholuron Chloropyrifos Chromium Chromium Chromium Chromium Chromium (III)	Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5 1.3 1.8 7	45 5 7 100 100 170 24	10 0.2 1.8 13.3 0.5 0.006 120	0.00889	2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorine Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonii Chlorothalonii Chlorotoluron Chloropirios Chromium Chromium Chromium Chromium Chromium (III) Chromium	Total Dissolved	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9	45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002	0.00889	2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonil Chlorotoluron Chloropyrifos Chromium Chromium (III) Chromium (III) Chromium (III)	Total Dissolved Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9	45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002	0.00889	2.4 2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11 0.041	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorine Chlorine Chlorine Chlorobenzene Chlorobenzene Chlorophenol TP) [Silvex] Chloroptiloriny Chloroptiloriny Chloroptiloriny Chloroptiloriny Chloroptiloriny Chloroptiloriny Chloroptiloriny Chloromium Chromium Chromium (III) Chromium (III) Chromium (VI)	Total Dissolved Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9	45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002	0.00889	2.4 2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100		0.003 100 8 60 100	800 210 2000 400	0.0043 230 11 0.041	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chlordane Chloride C18-C20 chain, C14-C17 C10-C13 Chlorine Chlorine Chlorine Chlorobenzene Chlorodibromomethane Chloroform Chlorophenol TP) [Silvex] Chlorothalonil Chlorotholuron Chlorophino Chromium Chromium Chromium Chromium Chromium (III) Chromium (IVI) Chromium (VI) Chrysene	Total Dissolved Total	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9 1	45 5 7 100 100 170 24 50 50	1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002 8.9	0.00889	2.4 2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100 50		0.003 100 8 60 100 100 1.2	800 210 2000 400	0.0043 230 11 0.041	4 700 0.2 250 5000 700 300 30 30 50
Carbamyzepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chlorote Chlorote Chlorotherom Chlorophenol TP) [Silvex] Chlorothalonil Chlorotoluron Chloroptifos Chromium Chromium (III) Chromium (III) Chromium (VI) Chrysene cis-1,2-Dichloroethylene	Total Dissolved Total Dissolved	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9	45 5 7 100 100 170 24 50	10 0.2 1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002	0.00889	2.4 2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100 50	1000	0.003 100 8 60 100	800 210 2000 400	0.0043 230 11 0.041	4 700 0.2 250 5000 700 300
Carbamazepine Carbaryl Carbofuran Carbon tetrachloride Chloramines Chlorate Chloride Chlorobenzene Chlorobenzene Chlorobenzene Chloroform Chlorophenol TP) [Silvex] Chlorothalonii Chlorotoluron Chloropyrifos Chromium Chromium (III) Chromium (III) Chromium (III) Chromium (VI)	Total Dissolved Total Dissolved	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L	1100 45 5 7 100 100 170 24 50 50	10 0.2 1.8 13.3 0.006 120 2.4 2.4 0.5 1.3 1.8 7 0.18 0.002 8.9 1	45 5 7 100 100 170 24 50 50	1.8 13.3 0.5 0.006 120 1.8 7 0.18 0.002 8.9	0.00889	2.4 2.4	90 2 3000 1000 250 1000 80	5 4000 2 4000 800 800 100 50	1000	0.003 100 8 60 100 100 1.2	800 210 2000 400	0.0043 230 11 0.041	4 700 0.2 250 5000 700 300 30 30 50

Cyanazine		ug/L	10	2	10	2								0.6
Cyanide	as free CN	ug/L		5.2		5	369092		200	200	4	400	5.2	
Cyanobacterial toxins		ug/L							1.5					
Dalapon		ug/L								200				
DDT and metabolites		ug/L	30	0.001	0.5	0.001	0.00000414				0.0003	0.0003	0.001	1
Deltamethrin Demeton		ug/L	2.5	0.0004 0.1	2.5	0.0004							0.1	
Di(2-ethylhexyl) adipate		ug/L ug/L		0.1						400			0.1	
Di(2-ethylhexyl) phthalate		ug/L ug/L		16		16				6				8
Diazinon		ug/L		0.17					20				0.17	
Dibenzo(a,h)anthracene		ug/L									0.001	0.0013		
Dibromoacetonitrile		ug/L												70
Dibromochloromethane		ug/L	100		100									100
Dicamba		ug/L	122	10	122	10			120					
Dichloroacetate		ug/L												50
Dichloroacetonitrile		ug/L			100						0.5	270		20
Dichlorobromomethane Dichloromethane		ug/L	50		100 50				50	5	9.5	270		20
Dichlorophenol		ug/L ug/L	30	0.2	30	0.2			30	3				20
Dichlorprop		ug/L		0.2		0.2								100
Diclofop-methyl		ug/L	9	6.1	9	6.1			9					
chloride		ug/L		1.5		1.5								
Dieldrin		ug/L		0.004		0.004	0.00136				0.00001	0.000012	0.056	
Diethanolamine		ug/L		450										
Diethyl Phthalate		ug/L					210561				600	600		
Diethylene glycol		ug/L		150000		4600								
Diisopropanolamine		ug/L	3	1600 6.2	3	1600 6.2			20					6
Dimethoate Dimethyl Phthalate		ug/L ug/L	3	0.2	3	0.2			20		2000	2000		U
Di-n-Butyl Phthalate		ug/L		19		19	0.15				20	30		
Dinitrophenols		ug/L									10	1000		
Dinoseb		ug/L	150	0.05	150	0.05				7				
Dioxin (2,3,7,8-TCDD)		ug/L					2.13E-08			0.00003	0.00000005	0.000000051		
Diquat		ug/L							70	20				
Diuron		ug/L							150					
Edetic acid		ug/L		0.002		0.002	4							600
Endosulfan Endosulfan Sulfate		ug/L ug/L		0.003		0.003	1				20	40		
Endothall		ug/L ug/L								100	20	40		
Endrin		ug/L	0.2	0.0023	0.2	0.0023	0.00131			2	0.03	0.03	0.036	0.6
Endrin Aldehyde		ug/L									1	1		
Epichlorohydrin		ug/L								200				0.4
Ethanol		ug/L					123377							
Ethinyl estradiol		ng/L		0.5										
Ethyl acetate		ug/L	2.4	00	2.4	00	136465		140	700	68	120		200
Ethylbenzene		ug/L	2.4	90	2.4	90			140	700 0.05	68	130		300
Ethylene dibromide Ethylene glycol		ug/L ug/L		192000		192000				0.00				
Fenoprop		ug/L ug/L		.02000		.52000								9
Fluoranthene		ug/L		0.04		0.04					20	20		
Fluorene		ug/L		3		3					50	70		
Fluoride		mg/L	1		1	0.12			1.5	4				1.5
Formaldehyde		ug/L					73910							_
[Lindane]		ug/L	4	0.01			9			0.2	4.2	4.4		2
Glyphosate		ug/L	280	800	280	800			280 80	700 60				
Haloacetic acids heptaBDE		ug/L ng/L		17				14	80	00				
Heptachlor		ug/L	3		3	0.01	0.00108	• • •		0.4	0.00006	0.000059	0.0038	
Heptachlor epoxide		ug/L		0.01						0.2	0.00032	0.00032	0.0038	
hexaBDE		ng/L		120				120						
Hexabromocyclododecane		ug/L		0.56				0.56						
Hexachlorobenzene		ug/L	0.52		0.52					1	0.001	0.00079		
Hexachlorobutadiene		ug/L		1.3		1.3					0.1	0.1		0.6
Hexachlorocyclohexane		ug/L				0.01				50	0.066 1 4	0.1 4		
Hexachlorocyclopentadiene Hexachloroethane		ug/L ug/L								30	1 4	1		
Tioxadilididetrialie		ug/L									•	•		

Hydrazine			ug/L		2.6				2.6						2	
Hydrogen Sulfide			ug/L												2	200
Hydroxyatrazine Imidacloprid			ug/L ug/L		0.23		0.23									200
Indeno(1,2,3-cd)pyrene			ug/L ug/L		0.20		0.20						0.012	0.013		
nitrite)	as N	Dissolved	mg/L	100		100							0.012	0.010		
Iron	4011	Total	ug/L				300		4206.074			300				
Iron		Dissolved	ug/L		300										1000	
Isophorone			ug/L										340	18000		
Isoproturon			ug/L													9
Lead		Total	ug/L	100	4.013	100	4.013	168		5	15					10
Lead		Dissolved	ug/L												3.067	
Linuron			ug/L		7		7									
Malathion			ug/L		0.1					190					0.1	
Manganese		Total	ug/L				470			120			50	100		
MCPA			ug/L	25	2.6	25	2.6			100						
m-Dichlorobenzene			ug/L		40		150									
Mecoprop		-	ug/L	3	13	3	0.006	0.00450		4	2					10 6
Mercury		Total	ug/L	3	0.005	3	0.026	0.00158		1	2				0.77	0
Mercury Mercury (methyl)		Dissolved Total	ug/L ug/L		0.001										0.77	
Mercury (methyl)		Dissolved	ug/L ug/L		0.001		0.004									
Methanol		Dissolved	ug/L ug/L		1500		0.004	230691								
Methoprene			ug/L		0.09		0.09	200001								
Methoxychlor			ug/L		0.03			1			40		0.02	0.02	0.03	20
Methyl Bromide			ug/L										100	10000		
Methyl tert-butyl ether			ug/L		10		10000									
Methylene chloride			ug/L		98.1		98.1	3990					200	10000		
Metolachlor			ug/L	50	7.8	50	7.8			50						10
Metribuzin			ug/L	80	1	80	1			80						
Microcystin-LR			ug/L													1
Mirex			ug/L		0.001										0.001	
Molinate			ug/L													6
Molybdenum		Total	ug/L	500	73	500	73									
Monochloramine			ug/L													3000
Monochloroacetate			ug/L		4.0		4.0					00				20
Monochlorobenzene			ug/L		1.3 75		1.3					20				
Monoethanolamine Naphthalene			ug/L		1		1.1									
Nickel		Total	ug/L ug/L	1000	60.863	1000	109.782	1438					610	4600		70
Nickel		Dissolved	ug/L	1000	00.000	1000	100.702	1100					0.0	1000	60.68	
Nitrate	as N	Dissolved	mg/L		3		3			10	10		10			11.3
Nitrilotriacetic acid			ug/L							400						200
Nitrite	as N	Dissolved	mg/L	10	0.2	10	0.06			1	1					0.912
Nitrobenzene			ug/L									30	10	600		
Nitrosamines			ug/L										800.0	12.4		
Nitrosodibutylamine			ug/L										0.063	2.2		
Nitrosodiethylamine			ug/L										0.008	12.4		
													0.16	340		
Nitrosopyrrolidine			ug/L													0.1
N-Nitrosodimethylamine			ug/L							0.04			0.007	30		
N-Nitrosodimethylamine N-Nitrosodi-n-Propylamine			ug/L ug/L							0.04			0.05	5.1		
N-Nitrosodimethylamine N-Nitrosodi-n-Propylamine N-Nitrosodiphenylamine			ug/L ug/L ug/L							0.04					6.6	
N-Nitrosodimethylamine N-Nitrosodi-n-Propylamine N-Nitrosodiphenylamine Nonylphenol			ug/L ug/L ug/L ug/L		6.6		4			0.04			0.05	5.1	6.6	
N-Nitrosodimethylamine N-Nitrosodi-n-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates			ug/L ug/L ug/L ug/L ug/L		6.6 17		1		14	0.04			0.05	5.1	6.6	
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE			ug/L ug/L ug/L ug/L ug/L ng/L		17		•		14		600		0.05	5.1	6.6	
N-Nitrosodimethylamine N-Nitrosodi-n-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene			ug/L ug/L ug/L ug/L ug/L ng/L ug/L				1 0.7		14	200	600 200		0.05	5.1	6.6	
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate)			ug/L ug/L ug/L ug/L ug/L ng/L ug/L ug/L		17		•		14		600 200		0.05	5.1	6.6	
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane			ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17		•		14				0.05 33	5.1 60	6.6	
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane Dichlorodiphenyldichloroethylene		nloride	ug/L ug/L ug/L ug/L ug/L ng/L ug/L ug/L		17		•		14				0.05 33 0.001	5.1 60 0.0012		
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane	e	nloride	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17		•		14	200			0.05 33 0.001	5.1 60 0.0012	6.6 0.013	
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane Dichlorodiphenyldichloroethylene	e	nloride	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17 0.7		•		14	200			0.05 33 0.001	5.1 60 0.0012		
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane Dichlorodiphenyldichloroethylene Paraquat Parathion p-Dichlorobenzene Pendimethalin	e	nloride	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17 0.7 0.013 26		0.7			200	200		0.05 33 0.001	5.1 60 0.0012		20
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodin-Propylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE O-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane Dichlorodiphenyldichloroethylene Paraquat Parathion p-Dichlorobenzene Pendimethalin pentaBDE	e	nloride	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17 0.7 0.013 26 0.2		0.7		0.2	200	200		0.05 33 0.001	5.1 60 0.0012		20
N-Nitrosodimethylamine N-Nitrosodin-Propylamine N-Nitrosodiphenylamine Nonylphenol Nonylphenol and its ethoxylates octaBDE o-Dichlorobenzene Oxamyl (Vydate) Dichlorodiphenyldichloroethane Dichlorodiphenyldichloroethylene Paraquat Parathion p-Dichlorobenzene Pendimethalin	e	nloride	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L		17 0.7 0.013 26		0.7			200	200		0.05 33 0.001	5.1 60 0.0012		20

Pontachlarahanzana					6		6						0.1	0.1		
Pentachlorobenzene Pentachloronitrobenzene			ug/L ug/L		0		б	4					0.1	0.1		
Pentachlorophenol			ug/L ug/L		0.5		0.5	0.275		60	1	30	0.3	0.4	15	9
Perchlorate			ug/L		0.0		0.0	0.2.0			•	00	0.0	0.1		70
Perfluorooctanesulfonate			ug/L						6.8	0.6						
Perfluorooctanoic acid			ug/L						0.0	0.2						
Permethrin			ug/L		0.004		0.004			0.2						
pH			pH units		9		9			7			9		6.5	
Phenanthrene			ug/L		0.4		0.4			•			Ü		0.0	
Phenol			ug/L	2	4	2	4					300	4000	300000		
Phorate			ug/L							2						
Picloram			ug/L	190	29	190	29			190	500					
Polychlorinated Biphenyls (PCE	3s)		ug/L		0.001		0.001				0.5		0.001	0.00064	0.014	
Propylene glycol	/		ug/L		500000		500000									
Pyrene			ug/L		0.025		0.025						20	30		
Quinoline			ug/L		3.4		3.4									
Selenium		Total	ug/L	50	2	50	1	0.236		50	50		170	4200		40
Silver		Total	ug/L		0.25		0.25									
Simazine		rotai	ug/L	10	10	10	10			10	4					2
Sodium dichloroisocyanurate			ug/L													50000
Solids Dissolved and Salinity			ug/L										250000			
Strontium		Total	ug/L							7000						
Styrene		r otta	ug/L		72		72				100					20
Sulfate	as SO4		mg/L	1000	309	1000										250
Sulfide	us 004		mg/L		0.0019											
Sulfolane			ug/L		50		50000									
Tebuthiuron			ug/L	130	1600	130	1.6									
Terbufos			ug/L							1						
Terbuthylazine			ug/L													7
tetraBDE			ng/L		24				24							
Tetrabromobisphenol A			ug/L		3.1				3.1							
Tetrachloroethane			ug/L				13.3									
Tetrachloroethylene			ug/L		110		110	48		10	5		100	290		40
Tetrachlorophenol			ug/L		1		1									
Thallium		Total	ug/L		0.8		0.8	1			0.5		0.24	0.47		
Toluene			ug/L	24	0.5	24	2	764		60	1000		57	520		700
Total Dissolved solids			mg/L	3000		3000										
Toxaphene			ug/L	5	0.008	5	0.008	1			3		0.007	0.0071	0.0002	
Toxicity (chronic)			TÜ		0.3											
trans-1,2-Dichloroethylene			ug/L								100					
Triallate			ug/L	230	0.24	230	0.24									
triBDE			ng/L		46				46							
Tribromomethane			ug/L			100										
Tributyltin			ug/L	250	0.072	250	0.008								0.072	
Trichlorfon			ug/L		0.009		0.009									
Trichloroacetate			ug/L													200
Trichloroethylene			ug/L	50	21	50	21	49419		5	5		6	70		20
Trichlorophenol			ug/L		18		18									
Triclosan			ug/L						0.47							
Tricyclohexyltin			ug/L	250		250										
Triethylene glycol			ug/L		350000											
Trifluralin			ug/L	45	0.2	45	0.2			45						20
Trihalomethanes			ug/L							100	80					
Triphenyltin			ug/L	820	0.022	820	0.022									
Uranium		Total	ug/L	200	15	200	15			20	30					30
Vanadium		Total	ug/L	100		100			120							
Vinyl chloride			ug/L					78		2	2		0.22	16		0.3
Xylene			ug/L		30			28		90						500
Xylenes (total)			ug/L								10000					
Zinc		Total	ug/L	50	30	50000		30				5000	7400	26000		
Zinc		Dissolved	ug/L				31.345								137.874	