



Environmental Management Act
CONTAMINATED SITES REGULATION
B.C. Reg. 375/96

Deposited December 16, 1996 and effective April 1, 1997
Last amended March 11, 2021 by B.C. Reg. 64/2021

Consolidated Regulations of British Columbia

This is an unofficial consolidation.

SCHEDULE 3.2

[en. B.C. Reg. 131/2020, App. s. 12.]

SCHEDULE 3.2

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
acenaphthene	83-32-9	60			250 ⁴
acephate	30560-19-1				15 ⁴
acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	26 ⁵ , 42 ⁶	0.025	25	100 ⁷
acetochlor	34256-82-1				80 ⁴
acetone	67-64-1				3 500 ⁴
acetophenone	98-86-2				400 ⁴
acridine	260-94-6	0.5			
acrolein	107-02-8	10		3 ⁸	3 ^{4,8}
acrylamide	79-06-1				0.1 ⁴
acrylic acid	79-10-7				2 000 ⁴
acrylonitrile	107-13-1				5 ^{4,8}
adipic acid	124-04-9				8 000 ⁴
alachlor	15972-60-8				3 ⁴
aldicarb	116-06-3	10 ⁵ , 1.5 ⁶	54.9 ⁹ , 67.5 ¹⁰	11	4 ⁴
aldicarb sulfone	1646-88-4				4 ⁴
aldrin	309-00-2	0.04 ¹¹		0.7 ¹¹	0.009 ⁴
allyl alcohol	107-18-6				20 ⁴
allyl chloride	107-05-1				7.5 ⁴
aluminum	7429-90-5		5 000	5 000	9 500 ^{12,13}
ametryn	834-12-8				35 ⁴
aminobiphenyl, 4-	92-67-1				0.0075 ⁴
aminophenol, 3-	591-27-5				300 ⁴
aminophenol, 4-	123-30-8				80 ⁴
amitraz	33089-61-1				10 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
ammonia, total (as N)	7664-41-7	1 310 @ pH ≥ 8.5 ^{5,14} 3 700 @ pH 8.0 - < 8.5 ^{5,14} 11 300 @ pH 7.5 - < 8.0 ^{5,14} 18 500 @ pH 7.0 - < 7.5 ^{5,14} 18 400 @ pH < 7.0 ^{5,14} 2 300 @ pH ≥ 8.5 ^{6,15} 6 850 @ pH 8.0 - < 8.5 ^{6,15} 20 000 @ pH 7.5 - < 8.0 ^{6,15} 64 000 @ pH 7.0 - < 7.5 ^{6,15} 200 000 @ pH < 7.0 ^{6,15}			
aniline	62-53-3	20			30 ⁴
anthracene	120-12-7	1			1000 ⁴
anthraquinone, 9,10-	84-65-1				4 ⁴
antimony	7440-36-0	90 ⁵ , 2 500 ⁶			6 ⁷
aramite	140-57-8				6 ⁴
arsenic	7440-38-2	50 ⁵ , 125 ⁶	100	25	10 ⁷
asbestos	1332-21-4				7 m.f./L ¹⁶
asulam	3337-71-1				200 ⁴
atrazine	1912-24-9	20 ⁵ , 100 ⁶	10	60	5 ⁷
auramine	492-80-8				0.2 ⁴
azinphos-methyl	86-50-0			20	20 ⁷
azobenzene	103-33-3				1.5 ⁴
azodicarbonamide	123-77-3				4 000 ⁴
barium	7440-39-3	10 000 ⁵ , 5 000 ⁶			1 000 ⁷
benfluralin	1861-40-1				1 000 ⁴
benzomyl	17804-35-2				200 ⁴
bensulfuron-methyl	83055-99-6				800 ⁴
bentazon	25057-89-0				100 ⁴
benz(a)anthracene	56-55-3	1			0.07 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life² (AW)	Irrigation² (IW)	Livestock² (LW)	Drinking Water³ (DW)
benzene	71-43-2	400 ⁵ , 1 000 ⁶			5 ⁷
benzidine	92-87-5				0.1 ^{4,8}
benzo(a)pyrene	50-32-8	0.1			0.01 ⁷
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3				0.07 ⁴
benzoic acid	65-85-0				15 000 ⁴
benzotrichloride	98-07-7				0.5 ^{4,8}
benzyl alcohol	100-51-6				400 ⁴
benzyl chloride	100-44-7				0.9 ⁴
beryllium	7440-41-7	1.5 ⁵ , 1 000 ⁶	100	100	8 ⁴
bifenox	42576-02-3				35 ⁴
biphenyl, 1,1'-	92-52-4				2 000 ⁴
bis(2-chloroethoxy) methane	111-91-1				10 ⁴
bis(2-chloroethyl) ether	111-44-4				0.15 ⁴
bis(2-chloro-1-methylethyl) ether	108-60-1				150 ⁴
bis(2-ethylhexyl) adipate	103-23-1				150 ⁴
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7	160			10 ⁴
bisphenol A	80-05-7				200 ⁴
boron	7440-42-8	12 000	500 - 6 000 ¹⁷	5 000	5 000 ⁷
bromacil	314-40-9	50	0.2 ¹⁸ , 0.6 ¹⁹	1 100	10 ⁷
bromate	15541-45-4				1 ^{4,8}
bromo-2-chloroethane, 1-	107-04-0				30 ⁴
bromobenzene	108-86-1				100 ^{7,20}
bromodichloromethane [BDCM]	75-27-4			100	100 ^{7,20}
bromoform	75-25-2			100	100 ^{7,20}
bromomethane	74-83-9				5.5 ⁴
bromophos	2104-96-3				20 ⁴
bromoxynil	1689-84-5	50	0.35 ¹⁰	11	5 ⁷

GENERIC NUMERICAL WATER STANDARDS¹

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
butadiene, 1,3-	106-99-0				1 ^{4,8}
butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB]	94-81-5				40 ⁴
butanol, 2-	78-92-2				8 000 ⁴
butanol, n-	71-36-3				400 ⁴
butoxy ethanol, 2-	111-76-2				400 ⁴
butyl benzyl phthalate	85-68-7				80 ⁴
butyl phthalyl butyl glycolate	85-70-1				4 000 ⁴
butylate	2008-41-5				200 ⁴
butylated hydroxytoluene [BHT]	128-37-0				45 ⁴
butylbenzene, n-	104-51-8				200 ⁴
butylbenzene, sec-	135-98-8				400 ⁴
butylbenzene, tert-	98-06-6				400 ⁴
cacodylic acid	75-60-5				80 ⁴
cadmium	7440-43-9	0.5 @ H < 30 ^{5,21} 1.5 @ H 30 - < 90 ^{5,21} 2.5 @ H 90 - < 150 ^{5,21} 3.5 @ H 150 - < 210 ^{5,21} 4 @ H ≥ 210 ^{5,21} 15 ⁶	5	80	5 ⁷
calcium	7440-70-2			1 000 mg/L	
caprolactam	105-60-2				2 000 ⁴
captafol	2425-06-1				1 ⁴
captan	133-06-2	15		10	70 ⁴
carbaryl	63-25-2	2 ⁵ , 3 ⁶		1 100	90 ⁷
carbofuran	1563-66-2	18		45	90 ⁷
carbon disulfide	75-15-0				400 ⁴
carbon tetrachloride	56-23-5	130		5	2 ⁷
carbosulfan	55285-14-8				40 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
carboxin	5234-68-4				400 ⁴
catechol	120-80-9	2 000 ²²			
chloramben	133-90-4				60 ⁴
chloranil	118-75-2				0.4 ⁴
chlordane (cis + trans)	5103-71-9 & 5103-74-2	0.06		7	0.45 ⁴
chlordecone	143-50-0				0.015 ⁴
chlorfenvinphos	470-90-6				3 ⁴
chloride ion	16887-00-6	1 500 mg/L ⁵	100 mg/L ²³	600 mg/L	250 mg/L ^{7,24}
chlorimuron, ethyl-	90982-32-4				80 ⁴
chlorine (Cl ₂) ²⁵	7782-50-5	20 ⁵ , 30 ⁶	1 000		
chloro-2-methylaniline, 4-	95-69-2				1.5 ⁴
chloroacetaldehyde, 2-	107-20-0				0.6 ⁴
chloroaniline, p-	106-47-8				0.8 ⁴
chlorobenzene	108-90-7	13 ⁵ , 250 ⁶			80 ^{7,13}
chlorobenzilate	510-15-6				1.5 ⁴
chlorobenzoic acid, 4-	74-11-3				100 ⁴
chlorobenzotrifluoride, 4-	5216-25-1				0.05 ^{4,8}
chlorobenzotrifluoride, 4-	98-56-6				10 ⁴
chlorobutane, 1-	109-69-3				150 ⁴
chloroethanol, 2-	107-07-3				80 ⁴
chloroform	67-66-3	20		100	100 ^{7,20}
chloronaphthalene, 2-	91-58-7				300 ⁴
chloronitrobenzene, 2-	88-73-3				0.5 ⁴
chloronitrobenzene, 4-	100-00-5				4 ⁴
chlorophenol, 2-	95-57-8	19.5 – 2 600 ²⁶			45 ^{12,13}
chlorophenol, 3-	108-43-0	17 – 2 300 ²⁶			0.1 ^{24,27}
chlorophenol, 4-	106-48-9	8.5 – 1 180 ²⁶			0.1 ^{24,27}

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
chloroprene	126-99-8				80 ⁴
chlorothalonil	1897-45-6	2 ⁵ , 4 ⁶	5.8	170	50 ⁴
chlorotoluene, 2-	95-49-8				80 ⁴
chlorotoluene, 4-	106-43-4				80 ⁴
chlorpropham	101-21-3				800 ⁴
chlorpyrifos	2921-88-2	0.02		24	90 ⁷
chlorpyrifos-methyl	5598-13-0				40 ⁴
chlorsulfuron	64902-72-3				200 ⁴
chlorthal-dimethyl	1861-32-1				40 ⁴
chlorthiophos	60238-56-4				3 ⁴
chromium, hexavalent ²⁸	18540-29-9	10 ⁵ , 15 ⁶	8	50	50 ⁷
chromium, trivalent ²⁸	16065-83-1	90 ⁵ , 560 ⁶	5	50	6 000 ⁴
chrysene	218-01-9	1			7 ⁴
clofentazine	74115-24-5				50 ⁴
cobalt	7440-48-4	40	50	1 000	1 ⁴
copper	7440-50-8	20 @ H < 50 ^{5,21} 30 @ H = 50 - < 75 ^{5,21} 40 @ H = 75 - < 100 ^{5,21} 50 @ H = 100 - < 125 ^{5,21} 60 @ H = 125 - < 150 ^{5,21} 70 @ H = 150 - < 175 ^{5,21} 80 @ H = 175 - < 200 ^{5,21} 90 @ H ≥ 200 ^{5,21} 20 ⁶	200	300	1 500 ^{12,13}
crotonaldehyde, trans-	123-73-9				5 ^{4,8}
cyanazine	21725-46-2	20	0.5	10	0.2 ⁴
cyanide	57-12-5	50 ^{5,29} , 10 ^{6,29}			200 ^{7,30}
cyanogen	460-19-5				4 ⁴

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life² (AW)	Irrigation² (IW)	Livestock² (LW)	Drinking Water³ (DW)
cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3				7 ⁴
cyclohexanone	108-94-1				20 000 ⁴
cyclohexene	110-83-8				20 ⁴
cyclohexylamine	108-91-8				800 ⁴
cyfluthrin	68359-37-5				100 ⁴
cyhalothrin	68085-85-8				20 ⁴
cypermethrin	52315-07-8				40 ⁴
cyromazine	66215-27-8				30 ⁴
dalapon	75-99-0				100 ⁴
daminozide	1596-84-5				8.5 ⁴
deltamethrin	52918-63-5	0.1 ⁸		2.5	
demeton	8065-48-3				0.15 ⁴
diallate	2303-16-4				2.5 ⁴
diaminotoluene, 2,5-	95-70-5				1 ⁴
diazinon	333-41-5	0.03		14	20 ⁷
dibenz(a,h)anthracene	53-70-3				0.01 ^{4,8}
dibenzofuran	132-64-9				4 ⁴
dibenzothiophene	132-65-0				40 ⁴
dibromo-3-chloropropane, 1,2-	96-12-8				0.5 ^{4,8}
dibromobenzene, 1,3-	108-36-1				1.5 ⁴
dibromobenzene, 1,4-	106-37-6				40 ⁴
dibromochloromethane [DBCM]	124-48-1			100	100 ^{7,20}
dibromoethane, 1,2-	106-93-4				0.5 ^{4,8}
dibutyl phthalate [DBP]	84-74-2	190			400 ⁴
dibutyltin	14488-53-0	0.8			
dicamba	1918-00-9	100	0.1 ⁸	122	120 ⁷
dichlorobenzene, 1,2-	95-50-1	7 ⁵ , 420 ⁶			200 ^{7,13}

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
dichlorobenzene, 1,3-	541-73-1	1 500			
dichlorobenzene, 1,4-	106-46-7	260			57.13
dichlorobenzidine, 3,3'-	91-94-1				0.35 ⁴
dichlorodifluoromethane	75-71-8				800 ⁴
dichlorodiphenyl sulfone, 4,4'-	80-07-9				3 ⁴
dichlorodiphenyltrichloroethane, total [DDT] ³¹	NA ³²	0.01		30	0.45 ⁴
dichloroethane, 1,1-	75-34-3				30 ⁴
dichloroethane, 1,2-	107-06-2	1 000		5	5 ⁷
dichloroethylene, 1,1-	75-35-4				14 ⁷
dichloroethylene, 1,2-cis-	156-59-2				8 ⁴
dichloroethylene, 1,2-trans-	156-60-5				80 ⁴
dichloromethane	75-09-2	980		50	50 ⁷
dichlorophenol, 2,3-	576-24-9	5.5 - 760 ²⁶		0.3 ^{24,33}	
dichlorophenol, 2,4-	120-83-2	3 - 400 ²⁶		0.3 ^{24,33}	900 ^{7,13}
dichlorophenol, 2,5-	583-78-8	2.5 - 340 ²⁶		0.3 ^{24,33}	
dichlorophenol, 2,6-	87-65-0	10 - 1 360 ²⁶		0.3 ^{24,33}	
dichlorophenol, 3,4-	95-77-2	3 - 400 ²⁶		0.3 ^{24,33}	
dichlorophenol, 3,5-	591-35-5	2.5 - 300 ²⁶		0.3 ^{24,33}	
dichlorophenoxyacetic acid, 2,4-[2,4-D]	94-75-7	40		100	100 ⁷
dichlorophenoxy(2,4-)butyric acid, 4-[2,4-DB]	94-82-6				30 ⁴
dichloropropane, 1,2-	78-87-5				4.5 ⁴
dichloropropane, 1,3-	142-28-9				80 ⁴
dichloropropanol, 2,3-	616-23-9				10 ⁴
dichloropropene, 1,3- (cis + trans)	542-75-6				1.5 ⁴
dichlorvos	62-73-7				0.55 ⁴

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
diclofop-methyl	51338-27-3	61	0.18	9	9 ⁷
dicrotophos	141-66-2				0.4 ⁴
dicyclopentadiene	77-73-6				300 ⁴
dieldrin	60-57-1	0.04 ¹¹		0.7	0.01 ⁴
diethanolamine	111-42-2				8 ⁴
diethyl ether	60-29-7				800 ⁴
diethyl phthalate	84-66-2				3 000 ⁴
diethyldithiocarbamate	392-74-5				0.6 ⁴
diethylene glycol monobutyl ether	112-34-5				100 ⁴
diethylene glycol monoethyl ether	111-90-0				250 ⁴
diethylformamide	617-84-5				4 ⁴
diflubenzuron	35367-38-5				80 ⁴
diisobutylene	25167-70-8				40 ⁴
diisopropanolamine [DIPA] ^{3,4}	110-97-4	15 000	39 000	38 000	3 500 ¹²
dimethipin	55290-64-7				80 ⁴
dimethoate	60-51-5	62		3	20 ⁷
dimethoxybenzidine, 3,3'-	119-90-4				0.1 ⁴
dimethyl methylphosphonate	756-79-6				90 ⁴
dimethylaminoazobenzene, 4- [DAB]	60-11-7				0.035 ⁴
dimethylaniline, 2,4-	95-68-1				0.8 ⁴
dimethylaniline, N,N- [DMA]	121-69-7				8 ⁴
dimethylbenz(a)anthracene, 7,12-	57-97-6				0.02 ^{4,8}
dimethylbenzidine, 3,3'-	119-93-7				0.015 ⁴
dimethylformamide	68-12-2				400 ⁴
dimethylhydrazine, 1,1-	57-14-7				0.4 ⁴
dimethylphenol, 2,4-	105-67-9				80 ⁴
dimethylphenol, 2,6-	576-26-1				2.5 ⁴

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
dimethylphenol, 3,4-	95-65-8				4 ⁴
dimethylterephthalate	120-61-6				400 ⁴
dinitrobenzene, 1,2-	528-29-0				0.4 ⁴
dinitrobenzene, 1,3-	99-65-0				0.4 ⁴
dinitrobenzene, 1,4-	100-25-4				0.4 ⁴
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5				8 ⁴
dinitrophenol, 2,4-	51-28-5	2 000 ²²			8 ⁴
dinitrotoluene, 2,4-	121-14-2				0.5 ⁴
dinitrotoluene, 2,6-	606-20-2				0.1 ⁴
dinitrotoluene, 2-amino-4,6-	35572-78-2				8 ⁴
dinitrotoluene, 4-amino-2,6-	19406-51-0				8 ⁴
dinoseb	88-85-7	0.5	16 ³³ , 46 ³⁵ , 93 ¹⁹	150 ³⁶	4 ⁴
dioxane, 1,4-	123-91-1				1.5 ⁴
diphenamid	957-51-7				100 ⁴
diphenyl sulfone	127-63-9				3 ⁴
diphenyl-1,4-benzenediamine, N,N'-	74-31-7				1 ⁴
diphenylamine	122-39-4				100 ⁴
diquat (as dibromide)	85-00-7			70	70 ⁷
Direct Black 38	1937-37-7				0.02 ⁴
Direct Brown 95	16071-86-6				0.025 ⁴
disulfoton	298-04-4				0.15 ⁴
diuron	330-54-1			150	150 ⁷
dodone	2439-10-3				15 ⁴
endosulfan I + II	115-29-7	0.01 ⁵⁸ , 0.015 ⁶			25 ⁴
endothall	145-73-3				80 ⁴
endrin	72-20-8	0.023		0.2	1 ⁴
EPHw10-19 ^{37,38}	NA ³²	5 000	5 000	5 000	5 000

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Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
EPTC	759-94-4				100 ⁴
ethanol, 2-(2-methoxyethoxy)-	111-77-3				150 ⁴
ethephon	16672-87-0				20 ⁴
ethinylestradiol, 17-alpha [EE2] ³⁹	57-63-6	0.005			
ethion	563-12-2				2 ⁴
ethoxyethanol acetate, 2-	111-15-9				400 ⁴
ethoxyethanol, 2-	110-80-5				350 ⁴
ethyl acetate	141-78-6				3 500 ⁴
ethyl acrylate	140-88-5				20 ⁴
ethyl p-nitrophenyl benzenethionophosphonate [EPN]	2104-64-5				0.04 ⁴
ethylbenzene	100-41-4	2 000 ⁵ , 2 500 ⁶			1407.13
ethylene cyanohydrin	109-78-4				300 ⁴
ethylenediamine	107-15-3				350 ⁴
ethylene glycol	107-21-1	1 920 mg/L			8 000 ⁴
ethylene thiourea	96-45-7				0.3 ⁴
ethylencimine	151-56-4				0.1 ^{4,8}
fenamiphos	22224-92-6				1 ⁴
fenpropathrin	39515-41-8				100 ⁴
fenvalerate	51630-58-1				100 ⁴
fluometuron	2164-17-2				50 ⁴
fluranthene	206-44-0	2			150 ⁴
fluorene	86-73-7	120			150 ⁴
fluoride	16984-48-8	2 000 @ H < 50 ^{5,21} 3 000 @ H ≥ 50 ^{5,21} 15 000 ⁶	1 000	1 000 ⁴⁰	1 500 ⁷
fluridone	59756-60-4				300 ⁴
flurprimidol	56425-91-3				80 ⁴

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flusilazole	85509-19-9				3 ⁴
flutolanil	66332-96-5				250 ⁴
fluvalinate	69409-94-5				40 ⁴
folpet	133-07-3				45 ⁴
fomesafen	72178-02-0				0.8 ⁴
fonofos	944-22-9				8 ⁴
formaldehyde	50-00-0				800 ⁴
formic acid	64-18-6				3 500 ⁴
fosetyl	15845-66-6				10 000 ⁴
furan	110-00-9				4 ⁴
furazolidone	67-45-8				0.04 ⁴
furfural	98-01-1				10 ⁴
furmecyclohex	60568-05-0				5 ⁴
furothiazole	531-82-8				0.1 ⁴
glufosinate	53369-07-6				1.5 ⁴
glycidaldehyde	765-34-4				1.5 ⁴
glyphosate	1071-83-6	5 000		280	280 ⁷
guanidine	113-00-8				40 ⁴
haloxyfop, methyl	69806-40-2				0.2 ⁴
heptachlor	76-44-8	0.1 ⁴¹		3 ⁴¹	0.035 ⁴
heptachlor epoxide	1024-57-3	0.1 ⁴¹		3 ⁴¹	0.015 ⁴
hexabromobiphenyl, 2,2',4,4',5,5'	59536-65-1				0.005 ⁴
hexachlorobenzene	118-74-1			0.5	0.1 ⁴
hexachlorobutadiene	87-68-3	15			2 ⁴
hexachlorocyclohexane, alpha	319-84-6	0.1 ⁴²		4 ⁴²	0.025 ⁴
hexachlorocyclohexane, beta	319-85-7	0.1 ⁴²		4 ⁴²	0.085 ⁴
hexachlorocyclohexane, gamma	58-89-9	0.1 ⁴²		4 ⁴²	0.15 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life² (AW)	Irrigation² (IW)	Livestock² (LW)	Drinking Water³ (DW)
hexachlorocyclopentadiene	77-47-4				2.5 ⁴
hexachloroethane	67-72-1				3 ⁴
hexachlorophene	70-30-4				1 ⁴
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4				1.5 ⁴
hexamethylphosphoramide	680-31-9				1.5 ⁴
hexanone, 2-	591-78-6				20 ⁴
hexazinone	51235-04-2				150 ⁴
hexythiazox	78587-05-0				100 ⁴
hydramethylnon	67485-29-4				1 ⁴
hydrazine	302-01-2				0.05 ⁴
hydroquinone	123-31-9	45 ²²			2.5 ⁴
imazalil	35554-44-0				50 ⁴
imazaquin	81335-37-7				1 000 ⁴
imazethapyr	81335-77-5				1 000 ⁴
iprodione	36734-19-7				150 ⁴
iron ^{43,44}	7439-89-6		5 000		6 500 ^{12,13}
isobutanol	78-83-1				1 000 ⁴
isophorone	78-59-1				150 ⁴
isopropalin	33820-53-0				60 ⁴
isopropanol	67-63-0				8 000 ⁴
isopropylbenzene	98-82-8				400 ⁴
isoxaben	82558-50-7				200 ⁴
lactofen	77501-63-4				8 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
lead	7439-92-1	40 @ H < 50 ^{5,21} 50 @ H = 50 - < 100 ^{5,21} 60 @ H = 100 - < 200 ^{5,21} 110 @ H = 200 - < 300 ^{5,21} 160 @ H ≥ 300 ^{5,21} 20 ⁶	200	100	10 ⁷
LEPHw ^{4,5}	NA ³²	500			
linuron	330-55-2	70	0.07 ¹⁸ , 3.3 ¹⁹		8 ⁴
lithium	7439-93-2		2 500 ²³	5 000	8 ⁴
malathion	121-75-5	1		190	190 ⁷
malononitrile	109-77-3				0.4 ⁴
mancozeb	8018-01-7				100 ⁴
maneb	12427-38-2				20 ⁴
manganese ^{16,47}	7439-96-5		200		1 500 ^{2,13}
mecoprop [MCPP]	93-65-2				4 ⁴
mercury	7439-97-6	0.25	1	2	1 ⁷
merphos	150-50-5				0.1 ⁴
metaxyl	57837-19-1				250 ⁴
methacrylonitrile	126-98-7				5 ^{4,8}
methamidophos	10265-92-6				0.2 ⁴
methanol	67-56-1				8 000 ⁴
methidathion	950-37-8				4 ⁴
methomyl	16752-77-5				100 ⁴
methoxy-5-nitroaniline, 2-	99-59-2				3 ⁴
methoxychlor	72-43-5			900	20 ⁴
methoxyethanol acetate, 2-	110-49-6				30 ⁴
methoxyethanol, 2-	109-86-4				20 ⁴
methyl acetate	79-20-9				4 000 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
methyl ethyl ketone [MEK]	78-93-3				2 500 ⁴
methyl hydrazine	60-34-4				4 ⁴
methyl mercury	22967-92-6	0.04			0.4 ⁴
methyl methacrylate	80-62-6				5 500 ⁴
methyl tert-butyl ether [MTBE]	1634-04-4	34 000 ⁵ , 4 400 ⁶		11 000	95 ^{1,2,13}
methyl-5-nitroaniline, 2-	99-55-8				15 ⁴
methylaniline, 2-	95-53-4				1 ⁴
methylaniline, 4-	106-49-0				5 ⁴
methylaniline, N-	100-61-8				8 ⁴
methylcholanthrene, 3-	56-49-5				0.02 ^{4,8}
methylene-bis(2-chloroaniline), 4,4'-	101-14-4				0.5 ⁴
methylene-bis(N,N-dimethyl) aniline, 4,4'-	101-61-1				3.5 ⁴
methylenebisbenzenamine, 4,4'-	101-77-9				0.1 ⁴
methylnaphthalene, 1-	90-12-0				5.5 ⁴
methylnaphthalene, 2-	91-57-6				15 ⁴
methylphenol, 2-	95-48-7	2 500 ²²			200 ⁴
methylphenol, 3-	108-39-4	800 ²²			200 ⁴
methylphenol, 4-	106-44-5	700 ²²			400 ⁴
methylphenol, 4-chloro-3-	59-50-7				400 ⁴
methylstyrene, alpha-	98-83-9				300 ⁴
metolachlor	51218-45-2	80	28	50	50 ⁷
metribuzin	21087-64-9	10	0.5	80	80 ⁷
met sulfuron-methyl	74223-64-6				1 000 ⁴
mirex	2385-85-5				0.0085 ⁴
molinate	2212-67-1				8 ⁴
molybdenum	7439-98-7	10 000	10 – 30 ⁴⁸	50	250 ⁴⁹
monochloramine ²⁵	10599-90-3	5			3 000 ⁷

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
monochloroacetic acid	79-111-8				80 ^{7,50}
monomethylarsonic acid	124-58-3				40 ⁴
myclobutamil	88671-89-0				100 ⁴
naled	300-76-5				8 ⁴
naphthalene	91-20-3	10			80 ⁴
naphthylamine, 2-	91-59-8				0.085 ⁴
napropamide	15299-99-7				400 ⁴
nickel	7440-02-0	250 @ H < 60 ^{5,21} 650 @ H 60 - < 120 ^{5,21} 1 100 @ H 120 - < 180 ^{5,21} 1 500 @ H ≥ 180 ^{5,21} 83 ⁶	200	1 000	80 ⁴
nitrate (as N)	14797-55-8	400 mg/L ⁵¹		100 mg/L ⁵²	10 mg/L ^{7,52}
nitrate and nitrite (as N)	NA ³²	400 mg/L ⁵¹		100 mg/L ⁵²	10 mg/L ^{7,52}
nitrotriacetic acid [NTA]	139-13-9				400 ⁷
nitrite (as N)	14797-65-0	200 (CI < 2 mg/L) ⁵³ 400 (CI 2 - < 4 mg/L) ⁵³ 600 (CI 4 - < 6 mg/L) ⁵³ 800 (CI 6 - < 8 mg/L) ⁵³ 1 000 (CI 8 - < 10 mg/L) ⁵³ 2 000 (CI ≥ 10 mg/L) ⁵³		10 000	1 000 ⁷
nitroaniline, 2-	88-74-4				40 ⁴
nitroaniline, 4-	100-01-6				8 ⁴
nitrobenzene	98-95-3				8 ⁴
nitrofurazone	59-87-0				0.1 ⁴
nitroglycerin	55-63-0				0.4 ⁴
nitroguanidine	556-88-7				400 ⁴
nitropyrene, 4-	57835-92-4				0.15 ⁴
nitrosodihethanolamine, N-	1116-54-7				0.055 ⁴
nitrosodiethylamine, N- [NDEA]	55-18-5				0.005 ^{4,8}

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
nitrosodimethylamine, N- [NDMA]	62-75-9				0.04 ⁷
nitroso-di-N-butylamine, N-	924-16-3				0.03 ⁴
nitroso-di-N-propylamine, N-	621-64-7				0.02 ⁴
nitrosodiphenylamine, N-	86-30-6				30 ⁴
nitrosomethylethylamine, N-	10595-95-6				0.007 ⁴
nitrosomorpholine, N-	59-89-2				0.025 ⁴
nitrosopiperidine, N-	100-75-4				0.015 ⁴
nitrosopyrrolidine, N-	930-55-2				0.075 ⁴
nitrotoluene, 2-	88-72-2				0.7 ⁴
nitrotoluene, 3-	99-08-1				0.4 ⁴
nitrotoluene, 4-	99-99-0				10 ⁴
nonane, n-	111-84-2				1 ⁴
nonaqueous phase liquids ^{37,54}	NA ³²	not present	not present	not present	not present
nonylphenol and nonylphenol ethoxylates ^{5,5,5,6}	84852-15-3	10 ^{5, 7, 6}			45 ¹²
norflurazon	27314-13-2				150 ⁴
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine [HMX]	2691-41-0				200 ⁴
octamethylpyrophosphoramide [OMPA]	152-16-9				8 ⁴
octyl phthalate, di-N- [DNOP]	117-84-0				40 ⁴
oryzalin	19044-88-3				200 ⁴
oxadiazon	19666-30-9				20 ⁴
oxamyl	23135-22-0				100 ⁴
oxyfluorfen	42874-03-3				10 ⁴
paclobutrazol	76738-62-0				50 ⁴
paraquat (as dichloride)	1910-42-5			10	10 ⁷
parathion	56-38-2			50	2.5 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
parathion, methyl	298-00-0				1 ⁴
pebulate	1114-71-2				200 ⁴
pendimethalin	40487-42-1				150 ⁴
pentachlorobenzene, 1,2,3,4,5-	608-93-5	60			3 ⁴
pentachloroethane	76-01-7				1.5 ⁴
pentachloronitrobenzene [PCNB]	82-68-8				0.6 ⁴
pentachlorophenol [PCP]	87-86-5	1 – 110 ²⁶		30 ²⁴	60 ^{7,13}
pentaerythritol tetramitate [PETN]	78-11-5				8 ⁴
perchlorate	14797-73-0				3 ⁴
perfluorobutane sulfonate [PFBS] ⁵⁷	375-73-5				80 ⁴
perfluorooctane sulfonate [PFOS] ⁵⁷	1763-23-1	60			0.3 ¹²
perfluorooctanoic acid [PFOA] ⁵⁷	335-67-1				0.2 ¹²
permethrin (cis + trans)	52645-53-1	0.04 ⁵ , 0.01 ⁶			450 ¹²
phenanthrene	85-01-8	3			
phenmedipham	13684-63-4				1 000 ⁴
phenol	108-95-2	2 000 ²²			1 000 ⁴
phenol, 2-methyl-4,6-dinitro [DNOC]	534-52-1	750 ²²			1 ^{4,8}
phenothiazine	92-84-2				2 ⁴
phenylenediamine, m- [MPD]	108-45-2				25 ⁴
phenylenediamine, o- [OPD]	95-54-5				3.5 ⁴
phenylenediamine, p- [PPD]	106-50-3				750 ⁴
phenylphenol, 2-	90-43-7				80 ⁴
phorate	298-02-2			2	2 ⁷
phosmet	732-11-6				80 ⁴
phthalic acid, p-	100-21-0				4 000 ⁴
picloram	1918-02-1	290	0.5	190	190 ⁷
picramic acid	96-91-3				0.4 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
picric acid	88-89-1				3.5 ⁴
pirimiphos, methyl	29232-93-7				40 ⁴
prochloraz	67747-09-5				1 ⁴
profluralin	26399-36-0				25 ⁴
prometon	1610-18-0				60 ⁴
prometryn	7287-19-6				15 ⁴
propachlor	1918-16-7				50 ⁴
propamil	709-98-8				20 ⁴
propargite	2312-35-8				80 ⁴
propargyl alcohol	107-19-7				8 ⁴
propazine	139-40-2				80 ⁴
propham	122-42-9				80 ⁴
propiconazole	60207-90-1				50 ⁴
propylbenzene, 1-	103-65-1				400 ⁴
propylene glycol, 1,2-	57-55-6	5 000 mg/L			80 mg/L ⁴
propylene glycol monomethyl ether	107-98-2				3 000 ⁴
propylene oxide	75-56-9				0.65 ⁴
propylamide	23950-58-5				300 ⁴
pyrene	129-00-0	0.2			100 ⁴
pyridine	110-86-1				4 ⁴
quinalphos	13593-03-8				2 ⁴
quinoline	91-22-5	34			0.05 ⁴
quizalofop-ethyl	76578-14-8				35 ⁴
resmethrin	10453-86-8				100 ⁴
resorcinol	108-46-3	150 ²²			4 500 ¹²
ronnel	299-84-3				200 ⁴
rotenone	83-79-4				15 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
salinity ⁵⁸	NA ³²	15 ^{5,59,60} 10 if natural salinity is 0 - < 3,5 ^{6,59,61} 20 if natural salinity is 3,5 - < 13,5 ^{6,59,61} 40 if natural salinity is 13,5 - ≥ 35 ^{6,59,61}			
selenious acid	7783-00-8				20 ⁴
selenium	7782-49-2	20	20 ⁶² , 50 ⁶³	30	10 ⁶⁴
sethoxydim	74051-80-2				350 ⁴
silver	7440-22-4	0.5 @ H ≤ 100 ^{5,21} 15 @ H > 100 ^{5,21} 15 ⁶			20 ⁴
silvex	93-72-1				30 ⁴
simazine	122-34-9	100	0.5	10	10 ⁷
sodium ion	17341-25-2				200 mg/L ¹²
strontium	7440-24-6				2 500 ⁴
strychnine	57-24-9				1 ⁴
styrene	100-42-5	720			800 ⁴
styrene-acrylonitrile [SAN] trimer (all isomers)	NA ³²				10 ⁴
sulfate	14808-79-8	1 280 mg/L @ H ≤ 30 ²¹ 2 180 mg/L @ H 31 - 75 ²¹ 3 090 mg/L @ H 76 - 180 ²¹ 4 290 mg/L @ H > 180 ²¹		1 000 mg/L	500 mg/L ^{7,24}
sulfide (as H ₂ S) ⁶⁵	7783-06-4	20			50 ^{7,24}
sulfolane ³⁴	126-33-0	500 000	8 400	14 000	90 ¹²
sulfotep	3689-24-5				2 ⁴
TCMTB	21564-17-0				100 ⁴
tebuthiuron	34014-18-1	16	0.25 ¹⁹	130	300 ⁴
temephos	3383-96-8			280	80 ⁴

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
terbacil	5902-51-2				50 ⁴
terbufos	13071-79-9			1	1 ⁷
terbutryn	886-50-0				4 ⁴
tetrachlorobenzene, 1,2,3,4-	634-66-2	18			
tetrachlorobenzene, 1,2,4,5-	95-94-3				1 ⁴
tetrachloroethane, 1,1,1,2-	630-20-6				6 ⁴
tetrachloroethane, 1,1,2,2-	79-34-5				0.8 ⁴
tetrachloroethylene	127-18-4	1 100			30 ⁷
tetrachlorophenol, 2,3,4,5-	4901-51-3	2 – 260 ²⁶		1 ^{24,66}	
tetrachlorophenol, 2,3,4,6-	58-90-2	5.5 – 720 ²⁶		1 ^{24,66}	100 ^{7,13}
tetrachlorophenol, 2,3,5,6-	935-95-5	2.5 – 340 ²⁶		1 ^{24,66}	
tetrachlorovinphos	961-11-5				6.5 ⁴
tetraethyl lead	78-00-2				0.001 ^{4,8}
tetrahydrofuran	109-99-9				3 500 ⁴
terryl	479-45-8				8 ⁴
thallium	7440-28-0	3			
thiensusulfuron-methyl	79277-27-3				50 ⁴
thiobencarb	28249-77-6				40 ⁴
thiocyanate	302-04-5				200 ⁸
thiodiglycol	111-48-8				300 ⁴
thiofanox	39196-18-4				1 ⁴
thiophanate, methyl	23564-05-8				300 ⁴
thiophenol	108-98-5				4 ⁴
thiram	137-26-8				20 ⁴
tin	7440-31-5				2 500 ⁴
titanium	7440-32-6	1 000			
toluene	108-88-3	5 ⁵ , 2 000 ⁶			60 ^{7,13}

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
toxaphene (all isomers)	8001-35-2	0.08		5	0.15 ⁴
tralomethrin	66841-25-6				30 ⁴
triadimefon	43121-43-3				100 ⁴
triallate	2303-17-5	2.4		2.30	50 ⁴
triasulfuron	82097-50-5				40 ⁴
tribenuron-methyl	101200-48-0				30 ⁴
tribromobenzene, 1,2,4-	615-54-3				20 ⁴
tribufos	78-48-8				0.1 ⁴
tributyl phosphate	126-73-8				15 ⁴
tributyltin	36643-28-4	0.08 ⁵ , 0.05 ^{6,8}		2.50	
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				100 000 ⁴
trichloroamine, 2,4,6-	634-93-5				0.1 ⁴
trichlorobenzene, 1,2,3-	87-61-6	80			3 ⁴
trichlorobenzene, 1,2,4-	120-82-1	240 ⁵ , 54 ⁶			5.5 ⁴
trichloroethane, 1,1,1-	71-55-6				8 000 ⁴
trichloroethane, 1,1,2-	79-00-5				3 ⁴
trichloroethylene	79-01-6	200		50	5 ⁷
trichlorofluoromethane	75-69-4				1 000 ⁴
trichlorophenol, 2,3,4-	15950-66-0	2.5 – 320 ²⁶		2 ^{24,67}	
trichlorophenol, 2,3,5-	933-78-8	2.5 – 340 ²⁶		2 ^{24,67}	
trichlorophenol, 2,3,6-	933-75-5	8 – 1 080 ²⁶		2 ^{24,67}	
trichlorophenol, 2,4,5-	95-95-4	2.5 – 300 ²⁶		2 ^{24,67}	400 ⁴
trichlorophenol, 2,4,6-	88-06-2	6 – 800 ²⁶		2 ^{24,67}	5 ^{7,13}
trichlorophenol, 3,4,5-	609-19-8	1 – 128 ²⁶		2 ^{24,67}	
trichlorophenoxy acetic acid, 2,4,5-[2,4,5-T]	93-76-5			20	40 ⁴
trichloropropane, 1,1,2-	598-77-6				20 ⁴
trichloropropane, 1,2,3-	96-18-4				0.5 ^{4,8}

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
trichloropropene, 1,2,3-	96-19-5				10 ⁴
tricresyl phosphate [TCP]	1330-78-5				80 ⁴
tricyclohexyltin	NA ³²			250	
tridiphane	58138-08-2				10 ⁴
triethylene glycol	112-27-6				8 000 ⁴
triethyltin	NA ³²	4			
trifluralin	1582-09-8	2		45	45 ⁷
trimethyl phosphate	512-56-1				8 ⁴
trimethylbenzene, 1,3,5-	108-67-8				40 ⁴
trinitrobenzene, 1,3,5-	99-35-4				100 ⁴
trinitrotoluene, 2,4,6-	118-96-7				2 ⁴
triphenyltin	668-34-8	0.2		800	
tris(1,3-dichloro-2-propyl)phosphate [TDCPP]	13674-87-8				80 ⁴
tris(1-chloro-2-propyl)phosphate [TCPP]	13674-84-5				40 ⁴
tris(2,3-dibromopropyl)phosphate	126-72-7				0.07 ⁴
tris(2-chloroethyl)phosphate [TCEP]	115-96-8				8 ⁴
tris(2-ethylhexyl)phosphate	78-42-2				50 ⁴
tungsten	7440-33-7				3 ⁴
uranium	7440-61-1	85	10	200	20 ⁷
vanadium	7440-62-2		100	100	20 ⁴
vermolate	1929-77-7				4 ⁴
VHw6-10 ^{37,68}	NA ³²	15 000	15 000	15 000	15 000
vinclozolin	50471-44-8				100 ⁴
vinyl acetate	108-05-4				4 000 ⁴
vinyl chloride	75-01-4				2 ⁷
VPHw ⁶⁹	NA ³²	1 500			

GENERIC NUMERICAL WATER STANDARDS¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)	Aquatic Life ² (AW)	Irrigation ² (IW)	Livestock ² (LW)	Drinking Water ³ (DW)
warfarin	81-81-2				1 ⁴
xylenes, total	1330-20-7	300			90 ⁷
zinc	7440-66-6	75 @ H < 90 ^{5,21} 150 @ H = 90 - < 100 ^{5,21} 900 @ H = 100 - < 200 ^{5,21} 1 650 @ H = 200 - < 300 ^{5,21} 2 400 @ H = 300 - < 400 ^{5,21} 100 ⁶	1 000 @ pH < 6.0 ⁷⁰ 2 000 @ pH 6.0 - < 7.0 ⁷⁰ 5 000 @ pH ≥ 7.0 ⁷⁰	2 000	3 000 ^{1,2}
zineb	12122-67-7				200 ⁴

Notes

- 1 All values are in µg/L unless otherwise stated. Substances must be analyzed using methods specified in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time, a director's protocol or alternative methods acceptable to a director.
- 2(a) Aquatic life standards assume minimum 1:10 dilution is available. Aquatic life standards are to protect freshwater and marine life unless otherwise indicated.
- 2(b) Standards for all organic substances are for total substance concentrations. Any water sample to be analyzed for organic substances should not be filtered.
- 2(c) Standards for surface water samples to be analyzed for heavy metals, metalloids and inorganic ions are total substance concentrations. In addition, it is recommended that surface water samples being analyzed for heavy metals, metalloids and inorganic ions should also be analyzed for dissolved substance concentrations.
- 2(d) Standards for groundwater samples for heavy metals, metalloids and inorganic ions are for dissolved substance concentrations. In addition, it is recommended that groundwater samples being analyzed for heavy metals, metalloids and inorganic ions should also be analyzed for total substance concentrations.
- 2(e) Standards for irrigation water apply to irrigation of all soil types, unless otherwise indicated.
- 3 Drinking water standards are for unfiltered samples obtained at the point of consumption. Heavy metals, metalloids and inorganic ions are expressed as total substance concentrations unless otherwise indicated.
- 4 Standard is based on the 2015 United States (US) Environmental Protection Agency (EPA) "Regional Screening Levels" for tapwater. The EPA Regional Screening Levels for both non-carcinogenic and carcinogenic substances reflect the 1996 "Overview of CSST Procedures for the Derivation of Soil Quality Matrix Standards for Contaminated Sites" 20% (i.e., 0.2) Toxicity Reference Value (TRV) apportionment for drinking water exposure. For carcinogenic substances, the EPA Regional Screening Level is also adjusted to reflect section 18 (3) (a) of this regulation, with a human lifetime cancer risk of less than or equal to one in 100 000.
- 5 Standard to protect freshwater aquatic life.
- 6 Standard to protect marine and estuarine aquatic life.
- 7 Standard is set equal to the 2014 Health Canada "Guidelines for Canadian Drinking Water Quality" for the substance.

- 8 Standard is set equal to the 2016 British Columbia Environmental Laboratory Technical Advisory Committee reference analytical detection limit for the substance.
- 9 Standard to protect crops other than legumes.
- 10 Standard to protect legumes.
- 11 Standard is applicable to the sum of the concentration of aldrin and dieldrin.
- 12 Standard is specific to protection of human health. Standard is derived with TRV protective of adults. Standard may not adequately protect other age groups.
- 13 Standard may not address aesthetic (organoleptic) concerns related to drinking water quality. Water treatment may be required.
- 14 Standard varies with pH and temperature. 10°C is assumed. Consult a director for further advice.
- 15 Standard varies with pH, temperature and salinity. 10°C and 10 practical salinity units (psu) are assumed. Consult a director for further advice.
- 16 Standard is expressed in million fibres > 10µm/L (m.f./L). Standard is set equal to the 2010 US EPA *Safe Drinking Water Act*, National Primary Drinking Water Regulations standard for the substance.
- 17 Standard varies depending on crop as follows:

Crop	Standards (µg/L)
blackberry	500
barley, cherry, cowpea, garlic, grape, Jerusalem artichoke, kidney bean, lima bean, mung bean, onion, peach, plum, sesame, strawberry, sunflower, sweet potato, wheat	1 000
carrot, cucumber, pea, potato, radish, red pepper	2 000
artichoke, bluegrass (Kentucky), cabbage, celery, clover, com, lettuce, muskmelon, mustard, oat, squash, tobacco, turnip	4 000
alfalfa, asparagus, parsley, purple vetch, red beet, sorghum, sugar beet, tomato	6 000

- 18 Standard to protect crops other than cereals, tame hays and pasture.
- 19 Standard to protect cereals, tame hays and pasture crops.
- 20 Standard is specific for total trihalomethanes. Sum of the concentrations of bromodichloromethane (BDCM), dibromochloromethane (DBCM), bromoform (tribromomethane), and chloroform (trichloromethane) must not exceed the standard specified.
- 21 H mean water hardness in mg/L CaCO₃.
- 22 Standard derived by the British Columbia Ministry of Environment, Land Remediation Section in accordance with CSR Protocol 28, "2016 Standards Derivation Methods".
- 23 Standard to protect all types of crops.
- 24 Standard to protect against taste and odour concerns.
- 25 Substance is extremely labile in water. Extended hold times are inappropriate. It is recommended that samples be analyzed in the field or immediately upon receipt by the laboratory.
- 26 Standard varies with pH, temperature and substance isomer. Consult a director for further advice.
- 27 Standard is applicable to the sum of concentrations of all chlorophenol isomers.
- 28 Analytical results for chromium (all species) in water may be used to demonstrate compliance with the standards. Where the standards cannot be met based on analytical results for chromium (all species), chromium speciation may be necessary.
- 29 To demonstrate compliance with the aquatic life (AW) standard, samples for cyanide in water must be analyzed using the appropriate "Cyanide Weak Acid Dissociable (WAD)" analytical method for water specified in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 30 To demonstrate compliance with the drinking water (DW) standard, samples for cyanide in water must be analyzed using the appropriate "Cyanide Strong Acid Dissociable (SAD)" analytical method for water specified in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 31 Standards are for the sum of DDT (2,4' + 4,4' isomers), DDD (2,4' + 4,4' isomers), and DDE(2,4' + 4,4' isomers).
- 32 NA – not applicable. No CAS number exists for the substance.

- 33 Standard is applicable to the sum of concentrations of all dichlorophenol isomers.
- 34 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item F2, F3, F7, or F10.
- 35 Standard to protect cereal crops and hay.
- 36 Standard to protect lactating dairy animals.
- 37 Standard is applicable at all sites, irrespective of water use.
- 38 EPHw10-19 – Extractable Petroleum Hydrocarbons (nC10-nC19) in water, as defined in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 39 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H18 or H19.
- 40 Standard varies with type of livestock. Consult a director for further advice.
- 41 Standard is applicable to the sum of the concentrations of heptachlor and heptachlor epoxide.
- 42 Standard is applicable to the sum of the concentrations of all hexachlorocyclohexane isomers.
- 43 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as
- item A6, A7, A8, or A11,
 - item C1, C2, C3, C4, or C6,
 - item D2, D3, D5 or D6,
 - item E4, or
 - item H14.
- 44 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H11 or H20, but only if the site was used for that purpose or activity in conjunction with, or as a result of, the site also being used for at least one of the purposes or activities set out in Note 43.
- 45 LEPHw – Light Extractable Petroleum Hydrocarbons in water, as defined in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 46 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as
- item B1,
 - item C1, C3 or C4,
 - item D2, D3, D5 or D6,
 - item E4, or
 - item H3 or H14.
- 47 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H11 or H20 but only if the site was used for that purpose or activity in conjunction with, or as a result of, the site also being used for at least one of the purposes or activities set out in Note 46.
- 48 Standard varies with crop, soil drainage and Mo:Cu ratio. Consult a director for further advice.
- 49 Standard is set equal to 1986 British Columbia Ministry of Environment drinking water quality guideline for the substance.
- 50 Standard is specific for total haloacetic acids. Sum of the concentrations of monohaloacetic acid (MCA), dichloroacetic acid (DCA), trichloroacetic acid (TCA), monobromoacetic acid (MBA) and dibromoacetic acid (DBA) must not exceed the standard specified.
- 51 Standard may not protect all amphibians. Consult a director for further advice.
- 52 Where nitrate and nitrite are present, total nitrate plus nitrite-nitrogen should not exceed this value.
- 53 Standard varies with chloride concentration. Consult a director for further advice.
- 54 Water must be remediated so that nonaqueous phase liquids are not present in quantities in excess of those acceptable to a director.
- 55 Nonylphenol includes related nonylphenolic and octylphenolic compounds, including ethoxylates. Consult a director for further advice.
- 56 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as
- item A6, A8, A10 or A12,
 - item H11, H18 or H19, or
 - item I2 or I3.

- 57 Standards apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as
(a) item A4,
(b) item C3,
(c) item E10, or
(d) item G1.
Standard is for salinity measurements by electrical conductivity or density methods using the Practical Salinity Scale, which closely equates to concentration units of parts per thousand (g/kg or g/L). Salinity measurements using the Practical Salinity Scale may be denoted as Practical Salinity Units (psu).
- 58 Standard applies only if minimum 1:10 dilution is available in receiving waterbody.
- 59 Freshwater is defined as water having a natural salinity < 1.5 psu.
- 60 Standard varies with natural salinity of receiving waterbody.
- 61 Standard for continuous application on crops.
- 62 Standard for intermittent application on crops.
- 63 Standard is set equal to 2014 British Columbia Ministry of Environment drinking water quality guideline for the substance.
- 64 Standard is for un-ionized sulfide (as H₂S). Measurement of either total or dissolved sulfide (as H₂S) may be used to demonstrate compliance with the standards. Where the standards cannot be met by measuring total or dissolved sulfide (as H₂S), determination of un-ionized sulfide (as H₂S) may be necessary.
- 65 Standard is applicable to the sum of concentrations of all tetrachlorophenol isomers.
- 66 Standard is applicable to the sum of concentrations of all trichlorophenol isomers.
- 67 VHw6-10 – Volatile Hydrocarbons (nC6-nC10) in water, as defined in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 68 VPHw – Volatile Petroleum Hydrocarbons in water, as defined in the 2015 British Columbia Environmental Laboratory Manual, as updated from time to time.
- 69 Standard varies with soil pH.
- 70