

Appendix C

Canadian Environmental Quality Guidelines



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Acenaphthene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Acenaphthylene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Acridine [See Polycyclic aromatic hydrocarbons (PAHs)]															
Aesthetics				✓											
Aldicarb		✓			✓	✓	✓	✓							
Aldrin + Dieldrin		✓													
Algae, blue-green [See Cyanobacteria]															
Aliphatic chlorinated hydrocarbons (each)											✓	✓	✓	✓	
Aliphatics nonchlorinated (each)											✓				
Aluminum		✓			✓		✓	✓							
Ammonia (total)					✓										
Ammonia (un-ionized)					✓										
Aniline					✓										
Anthracene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Antimony		✓													
Antimony-125		✓									✓	✓	✓	✓	
Aquatic plants				✓											
Aroclor 1254 [See Polychlorinated biphenyls (PCBs)]															
Arsenic		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Atrazine		✓			✓		✓	✓							
Azinphos-methyl		✓													
Barium		✓									✓	✓	✓	✓	
Bendiocarb		✓													
Benz(a)anthracene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Benzene		✓			✓	✓					✓	✓	✓	✓	



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Benzo(b)fluoranthene [See Polycyclic aromatic hydrocarbons (PAHs)]							✓	✓							
Benzo(k)fluoranthene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Beryllium							✓	✓			✓	✓	✓	✓	
2,2-Bis(p-chlorophenyl)-1,1-dichloroethane [See DDD]															
2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane [See DDT]															
Blue-green algae [See Cyanobacteria]															
Boron		✓					✓	✓			✓				
Bromacil		✓			✓		✓	✓							
Bromate		✓													
Bromoform [See Halogenated methanes, Tribromomethane]		✓			✓		✓	✓							
Bromoxynil		✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Cadmium		✓			✓										
Calcium								✓							
Captan					✓			✓							
Carbaryl		✓			✓	✓		✓							
Carbofuran		✓			✓			✓							
Carbon monoxide	✓														
Carbon tetrachloride [See Halogenated methanes, Tetrachloromethane]															
Cerium-141		✓													
Cerium-144		✓													
Cesium-134		✓													
Cesium-137		✓													
Chemical characteristics				✓											
Chloramines [See Reactive chlorine species]								✓	✓	✓					
Chlordane															



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Chloride		✓													
Chlorinated benzenes															
Monochlorobenzene		✓	✓		✓	✓									
1,2-Dichlorobenzene		✓	✓		✓	✓					✓	✓	✓	✓	
1,3-Dichlorobenzene					✓	✓					✓	✓	✓	✓	
1,4-Dichlorobenzene		✓	✓		✓						✓	✓	✓	✓	
1,2,3-Trichlorobenzene					✓						✓	✓	✓	✓	
1,2,4-Trichlorobenzene					✓	✓					✓	✓	✓	✓	
1,3,5-Trichlorobenzene											✓	✓	✓	✓	
1,2,3,4-Tetrachlorobenzene					✓						✓	✓	✓	✓	
1,2,3,5-Tetrachlorobenzene											✓	✓	✓	✓	
1,2,4,5-Tetrachlorobenzene											✓	✓	✓	✓	
Pentachlorobenzene					✓						✓	✓	✓	✓	
Hexachlorobenzene								✓			✓	✓	✓	✓	
Chlorinated ethanes											✓	✓	✓	✓	
1,1-Dichloroethane					✓			✓			✓	✓	✓	✓	
1,1,1-Trichloroethane											✓	✓	✓	✓	
1,1,2-Trichloroethane											✓	✓	✓	✓	
1,1,2,2-Tetrachloroethane											✓	✓	✓	✓	
Chlorinated ethenes											✓	✓	✓	✓	
Monochloroethene (Vinyl chloride)		✓									✓	✓	✓	✓	
1,1-Dichloroethene (Dichloroethylene)		✓									✓	✓	✓	✓	
1,2-Dichloroethene											✓	✓	✓	✓	
1,1,2-Trichloroethene (Trichloroethylene, TCE)		✓			✓			✓			✓	✓	✓	✓	
1,1,2,2-Tetrachloroethene (Tetrachloroethylene, PCE)		✓			✓						✓	✓	✓	✓	



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Chlorinated methanes [See Halogenated methanes]															
Chlorinated phenols															
Monochlorophenols					✓						✓	✓	✓	✓	
Dichlorophenols					✓						✓	✓	✓	✓	
2,4-Dichlorophenol		✓	✓								✓	✓	✓	✓	
Trichlorophenols					✓						✓	✓	✓	✓	
2,4,6-Trichlorophenol		✓	✓								✓	✓	✓	✓	
Tetrachlorophenols					✓						✓	✓	✓	✓	
2,3,4,6-Tetrachlorophenol		✓	✓								✓	✓	✓	✓	
Pentachlorophenol (PCP)		✓	✓		✓						✓	✓	✓	✓	
Chlorinated propane (1,2-dichloropropane)											✓	✓	✓	✓	
Chlorinated propene (1,2-dichloropropene (cis and trans))											✓	✓	✓	✓	
Chlorine, reactive [See Reactive chlorine species]															
Chloroform [See Halogenated methanes, Trichloromethane]															
4-Chloro-2-methyl phenoxy acetic acid [See MCPA]															
Chlorothalonil					✓	✓	✓	✓							
Chlorpyrifos		✓			✓	✓		✓							
Chromium		✓							✓	✓	✓	✓	✓	✓	
Trivalent chromium (Cr(III))					✓	✓	✓	✓			✓	✓	✓	✓	
Hexavalent chromium (Cr(VI))					✓	✓	✓	✓			✓	✓	✓	✓	
Chrysene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Clarity				✓											
Cobalt							✓	✓			✓	✓	✓	✓	
Cobalt-60		✓													
Coliforms, fecal (Escherichia coli)		✓		✓			✓								
Coliforms, total		✓					✓								



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Coliphages				✓											
Colour			✓		✓	✓		✓							
Conductivity															
Copper			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	
Cyanazine		✓			✓		✓	✓			✓	✓	✓	✓	
Cyanide		✓			✓										
Cyanobacteria (Blue-green algae)				✓				✓			✓	✓	✓	✓	
Cyanobacterial toxins (as Microcystin - LR)		✓													
2,4-D [See 2,4-Dichlorophenoxyacetic acid]					✓	✓	✓	✓							
DDAC (Didecyl dimethyl ammonium chloride)					✓										
DDD (2,2-Bis (p-chlorophenyl)-1,1-dichloroethane; Dichloro diphenyl dichloroethane)															
DDE (1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene), Diphenyl dichloro ethylene									✓	✓					✓
DDT (2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane; Dichloro diphenyl trichloroethane)									✓	✓					✓
Debris									✓	✓	✓	✓	✓	✓	✓
Deltamethrin						✓									
Deposited bedload sediment [See Total particulate matter]					✓			✓							
Diazinon		✓													
Dibenz(a,h)anthracene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Dibromochloromethane [See Halogenated methanes]															
Di-n-butyl phthalate [See Phthalate esters]															
Dicamba		✓			✓		✓	✓							
Dichlorobenzene [See Chlorinated benzenes]															
Dichlorobromomethane [See Halogenated methanes]															
1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene [See DDE]															
Dichloro diphenyl dichloroethane [See DDD]															



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1	Chapter 2		Chapter 3	Chapter 4		Chapter 5		Chapter 6		Chapter 7				Chapter 8
	Air	Water: Community		Water: Recreation & Aesthetics	Water: Aquatic life		Water: Agriculture		Sediment		Soil				Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Dichloro diphenyl trichloroethane [See DDT]															
Dichloroethane [See Chlorinated ethanes]															
Dichloroethene [See Chlorinated ethenes]															
Dichloroethylene [See Chlorinated ethenes, 1,1-Dichloroethene]															
Dichloromethane [See Halogenated methanes]															
Dichlorophenols [See Chlorinated phenols]															
2,4-Dichlorophenoxyacetic acid (2,4-D) [See also Phenoxy herbicides]		✓			✓	✓	✓	✓							
1,2-dichloropropane [See chlorinated propane]															
1,2-dichloropropene [See chlorinated propene]															
Diclofop-methyl		✓			✓		✓	✓							
Didecyl dimethyl ammonium chloride [See DDAC]															
Dieldrin									✓	✓					
Dieldrin + Aldrin [See Aldrin + Dieldrin]															
Diethylene glycol [See Glycols]															
Di(2-ethylhexyl) phthalate [See Phthalate esters]															
Diisopropanolamine (DIPA)					✓		✓				✓	✓	✓	✓	
Dimethoate		✓			✓			✓							
Di-n-butyl phthalate [See Phthalate esters]															
Di-n-octyl phthalate [See Phthalate esters]															
Dinoseb		✓			✓		✓	✓							
Diphenyl dichloro ethylene [See DDE]		✓													
Diquat					✓	✓									
Dissolved gas supersaturation															
Dissolved oxygen [See Oxygen, dissolved]															
Dissolved solids [See Total dissolved solids]															
Diuron		✓													
Endosulfan					✓										



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Endrin															
Enterococci				✓					✓	✓					
Escherichia coli [See Coliforms, fecal]															
Ethylbenzene			✓												
Ethylene glycol [See Glycols]					✓	✓		✓			✓	✓	✓	✓	
Fecal coliforms [See Coliforms, fecal]															
Fluoranthene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Fluorene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Fluoride		✓													
Inorganic fluorides					✓	✓	✓	✓			✓	✓	✓	✓	
Glycols															
Ethylene glycol					✓						✓	✓	✓	✓	
Diethylene glycol															
Propylene glycol					✓						✓	✓	✓	✓	
Glyphosate		✓			✓			✓							
Grease and oil [See Oil and grease]															
Halogenated methanes															
Monochloromethane (Methyl chloride)															
Dichloromethane (Methylene chloride)		✓			✓			✓			✓	✓	✓	✓	
Trichloromethane (Chloroform)					✓			✓			✓	✓	✓	✓	
Tetrachloromethane (Carbon tetrachloride)		✓			✓			✓			✓	✓	✓	✓	
Monobromomethane (Methyl bromide)															
Tribromomethane (Bromoform)								✓							
Dichlorobromomethane								✓							
Dibromochloromethane								✓							
Trihalomethanes (total)		✓													
HCBD [See Hexachlorobutadiene]															



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Heptachlor (Heptachlor epoxide)									✓	✓					
Hexachlorobenzene [See Chlorinated benzenes]					✓										
Hexachlorobutadiene (HCBD)															
Hexachlorocyclohexane [See Lindane]															
Hydrogen fluoride	✓														
Hypochlorous acid [See Reactive chlorine species]															
Indeno(1,2,3-c,d)pyrene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Inorganic fluorides [See Fluoride]															
Iodine-125		✓													
Iodine-131		✓													
3-Iodo-2-propynyl butyl carbamate [See IPBC]					✓										
IPBC (3-Iodo-2-propynyl butyl carbamate)					✓		✓								
Iron			✓		✓		✓								
Iron-59		✓			✓		✓	✓	✓	✓	✓	✓	✓	✓	
Lead		✓													
Lead-210		✓													
Lindane (Hexachlorocyclohexane)					✓		✓		✓	✓	✓				
Linuron					✓		✓								
Lithium															
Malathion		✓					✓								
Manganese			✓												
Manganese-54		✓													
MCPA (4-Chloro-2-methyl phenoxy acetic acid; 2-Methyl-4-chloro phenoxy acetic acid)					✓	✓	✓	✓							
Mercury		✓						✓	✓	✓	✓	✓	✓	✓	
Inorganic mercury					✓	✓									✓
Methylmercury					✓										



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Methoxychlor		✓													
Methyl bromide [See Halogenated methanes, Monobromomethane]															
Methyl chloride [See Halogenated methanes, Monochloromethane]															
2-Methyl-4-chloro phenoxy acetic acid [See MCPA]															
Methylene chloride [See Halogenated methanes, Dichloromethane]															
2-Methylnaphthalene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Methyl tertiary-butyl ether [See MTBE]															
Metolachlor		✓			✓	✓									
Metribuzin		✓			✓		✓	✓							
Molybdenum					✓		✓	✓							
Molybdenum-99		✓					✓	✓			✓	✓	✓	✓	
Monobromomethane [See Halogenated methanes]															
Monochloramine [See Reactive chlorine species]															
Monochlorobenzene [See Chlorinated benzenes]															
Monochloroethene [See Chlorinated ethenes]															
Monochloromethane [See Halogenated methanes]															
Monochlorophenols [See Chlorinated phenols]															
MTBE (Methyl tertiary-butyl ether)					✓	✓									
Naphthalene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Nickel					✓		✓	✓			✓	✓	✓	✓	
Niobium-95		✓													
Nitrate		✓			✓	✓									
Nitrate + Nitrite								✓							
Nitrotriacetic acid (NTA)		✓													
Nitrite		✓			✓			✓							



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Nitrite + Nitrate [See Nitrate + Nitrite]															
Nitrogen dioxide	✓														
Nonylphenol and its ethoxylates					✓	✓			✓	✓	✓	✓	✓	✓	
NTA [See Nitrilotriacetic acid]															
Nuisance organisms				✓											
Odour															
Oil and grease [See Canada-wide Standard for Petroleum Hydrocarbons in Soil]				✓											
Organotins															
Tributyltin					✓	✓		✓							
Tricyclohexyltin								✓							
Triphenyltin					✓			✓							
Oxygen, dissolved					✓	✓									
Ozone	✓														
PAHs [See Polycyclic aromatic hydrocarbons (PAHs)]		✓													
Paraquat (as dichloride)		✓													
Parathion		✓													
Particulate matter <2.5 µm (PM <2.5)	✓														
Particulate matter <10 µm (PM <10)	✓														
Pathogens (aquatic)				✓											
PCBs [See Polychlorinated biphenyls (PCBs)]															
PCDD/Fs [See Polychlorinated dibenzo-p-dioxins/dibenzo furans]															
PCE [See Chlorinated ethenes, 1,1,2,2-Tetrachloroethene]															
PCP [See Chlorinated phenols, Pentachlorophenol]															
Pentachlorobenzene [See Chlorinated benzenes]															
Pentachlorophenol [See Chlorinated phenols]					✓	✓									
Permethrin															



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1	Chapter 2		Chapter 3	Chapter 4		Chapter 5		Chapter 6		Chapter 7				Chapter 8
	Air	Water: Community		Water: Recreation & Aesthetics	Water: Aquatic life		Water: Agriculture		Sediment		Soil				Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
pH			✓	✓	✓	✓						✓	✓	✓	✓
Phenanthrene (See Polycyclic aromatic hydrocarbons (PAHs))												✓	✓	✓	✓
Phenolic compounds, nonchlorinated															
Phenols											✓	✓	✓	✓	
Phenoxy herbicides					✓			✓			✓	✓	✓	✓	
Phorate		✓			✓			✓							
Phosphorus					✓										
Phthalic acid esters (each)															
Phthalate esters											✓				
Di-n-butyl phthalate					✓										
Di(2-ethylhexyl) phthalate					✓										
Di-n-octyl phthalate															
Picloram		✓			✓			✓							
PM <2.5 [See Particulate matter <2.5 µm]															
PM <10 [See Particulate matter <10 µm]															
Polychlorinated biphenyls (PCBs)															
Aroclor 1254									✓	✓	✓	✓	✓	✓	✓
Polychlorinated dibenzo-p-dioxins/dibenzo furans (PCDD/Fs)									✓	✓					
Polycyclic aromatic hydrocarbons (PAHs)									✓	✓	✓	✓	✓	✓	✓
Acenaphthene					✓				✓	✓					
Acenaphthylene									✓	✓					
Acridine					✓										
Anthracene					✓				✓	✓					
Benzo(a)anthracene					✓				✓	✓					
Benzo(a)pyrene		✓			✓				✓	✓	✓	✓	✓	✓	✓
Benzo(b)fluoranthene									✓	✓	✓	✓	✓	✓	✓



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Benzo(k)fluoranthene									✓	✓	✓	✓	✓	✓	
Chrysene									✓	✓	✓	✓	✓	✓	
Dibenz(a,h)anthracene									✓	✓	✓	✓	✓	✓	
Fluoranthene					✓				✓	✓					
Fluorene					✓				✓	✓					
Indeno(1,2,3-c,d)pyrene											✓	✓	✓	✓	
2-Methylnaphthalene									✓	✓					
Naphthalene					✓	✓			✓	✓	✓	✓	✓	✓	
Phenanthrene					✓				✓	✓	✓	✓	✓	✓	
Pyrene					✓				✓	✓	✓	✓	✓	✓	
Quinoline					✓						✓				
Propylene glycol [See Glycols]															
Pyrene [See Polycyclic aromatic hydrocarbons (PAHs)]															
Quinoline [See Polycyclic aromatic hydrocarbons (PAHs)]															
Radium-224		✓													
Radium-226		✓													
Radium-228		✓													
Reactive chlorine species (Hypochlorous acid and monochloramine)					✓	✓									
Chloramines		✓													
Ruthenium-103		✓													
Ruthenium-106		✓													
Salinity						✓									
Selenium		✓			✓		✓	✓			✓	✓	✓	✓	
Silver					✓			✓			✓	✓	✓	✓	
Simazine		✓			✓		✓	✓							
Sodium			✓												



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1	Chapter 2		Chapter 3	Chapter 4		Chapter 5		Chapter 6		Chapter 7				Chapter 8
	Air	Water: Community		Water: Recreation & Aesthetics	Water: Aquatic life		Water: Agriculture		Sediment		Soil				Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Sodium adsorption ratio															
Streambed substrate [See Total particulate matter]											✓	✓	✓	✓	
Strontium-90		✓													
Styrene					✓										
Sulphate			✓					✓			✓	✓	✓	✓	
Sulphide (asH ₂ S)			✓												
Sulfolane					✓										
Sulphur dioxide	✓						✓				✓	✓	✓	✓	
Sulphur (elemental)											✓				
Suspended particulates [See Total suspended particulates]															
Suspended sediments [See Total particulate matter]															
Taste															
TCE [See Chlorinated ethenes, 1,1,2-Trichloroethene]															
Tebuthiuron					✓		✓	✓							
Temperature			✓	✓	✓	✓									
Terbufos			✓												
Tetrachlorobenzene [See Chlorinated benzenes]															
Tetrachloroethane [See Chlorinated ethanes]															
Tetrachloroethene [See Chlorinated ethenes]															
Tetrachloroethylene [See Chlorinated ethenes, 1,1,2,2-Tetrachloroethene]															
Tetrachloromethane [See Halogenated methanes]															
Tetrachlorophenols [See Chlorinated phenols]															
Thallium					✓						✓	✓	✓	✓	
Thiophene											✓				
Thorium-228		✓													
Thorium-230		✓													
Thorium-232		✓													



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Thorium-234		✓									✓	✓	✓	✓	
Tin			✓		✓	✓		✓			✓	✓	✓	✓	
Toluene			✓				✓	✓							
Total dissolved solids			✓												
Total particulate matter															
Deposited bedload sediment					✓	✓									
Streambed substrate					✓	✓									
Suspended sediments					✓	✓									
Turbidity		✓	✓	✓	✓	✓									
Total petroleum hydrocarbons [See oil and grease]															
Total suspended particulates	✓								✓	✓					✓
Toxaphene					✓			✓							
Triallate															
Tribromomethane [See Halogenated methanes]															
Tributyltin [See Organotins]															
Trichlorobenzene [See Chlorinated benzenes]															
Trichloroethane [See Chlorinated ethanes]															
Trichloroethene [See Chlorinated ethenes]															
Trichloroethylene [See Chlorinated ethenes, 1,1,2-Trichloroethene]															
Trichloromethane [See Halogenated methanes]															
Trichlorophenol [See Chlorinated phenols]															
Tricyclohexyltin [See Organotins]															
Trifluralin		✓			✓			✓							
Trihalomethanes [See Halogenated methanes]															
Triphenyltin [See Organotins]															
Tritium		✓													
Turbidity [See Total particulate matter]		✓					✓	✓							
Uranium		✓													



Canadian Environmental Quality Guidelines

GUIDELINE AVAILABILITY TABLE

July 2006

The user is advised to consult the appropriate chapter and/or factsheet contained in the Canadian Environmental Quality Guidelines binder for specific information and implementation guidance pertaining to each environmental quality guideline. Guidelines are listed under chemical names, which are cross-referenced with common-names, abbreviations, and/or families of chemicals as appropriate.

	Chapter 1 Air	Chapter 2 Water: Community		Chapter 3 Water: Recreation & Aesthetics	Chapter 4 Water: Aquatic life		Chapter 5 Water: Agriculture		Chapter 6 Sediment		Chapter 7 Soil				Chapter 8 Tissue Residue
		MAC/IMAC	AO		Freshwater	Marine	Irrigation	Livestock	Freshwater	Marine	Agri.	Res./Park	Comm.	Ind.	
Uranium-234		✓													
Uranium-235		✓													
Uranium-238		✓													
Vanadium															
Vinyl chloride [See Chlorinated ethenes, Monochloroethene]							✓	✓			✓	✓	✓	✓	
Waterborne pathogens				✓											
Xylene			✓												
Zinc			✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	
Zinc-65		✓													
Zirconium-95		✓													

NOTE

Chapter 1: Canadian National Ambient Air Quality Objectives

Chapter 2: Guidelines for Canadian Drinking Water Quality; MAC: Maximum Acceptable Concentration; IMAC: Interim Maximum Acceptable Concentration; AO: Aesthetic Objective

Chapter 3: Guidelines for Canadian Recreational Water Quality

Chapter 4: Canadian Water Quality Guidelines for the Protection of Aquatic Life

Chapter 5: Canadian Water Quality Guidelines for the Protection of Agricultural Water Uses

Chapter 6: Canadian Sediment Quality Guidelines for the Protection of Aquatic Life

Chapter 7: Canadian Soil Quality Guidelines for the Protection of Human and/or Environmental Health; Agri.: Agricultural land uses; Res./Park: Residential/Parkland uses; Comm.: Commercial land uses; Ind.: Industrial land uses.

Chapter 8: Canadian Tissue Residue Guidelines for the Protection of Wildlife Consumers of Aquatic Biota