

Users are advised to consult the Canadian Environmental Quality Guidelines introductory text, factsheet, and/or protocols for specific information and implementation guidance pertaining to each environmental quality guideline.

		Water Quality Guidelines for the Protection of Aquatic Life					
		Freshwater			Marine		
		Concentration (µg/L)	Concentration (µg/L)	Date	Concentration (µg/L)	Concentration (µg/L)	Date
Chemical name	Chemical groups	Short Term	Long Term		Short Term	Long Term	
1,1,1-Trichloroethane CASRN 71556	Organic Halogenated aliphatic compounds Chlorinated ethanes	<i>No data</i>	Insufficient data	1991	<i>No data</i>	Insufficient data	1991
1,1,2,2- Tetrachloroethene PCE (Tetrachloroethylene) CASRN 127184	Organic Halogenated aliphatic compounds Chlorinated ethenes	<i>No data</i>	110	1993	<i>No data</i>	Insufficient data	1993
1,1,2,2-Tetrachlorethane CASRN 79345	Organic Halogenated aliphatic compounds Chlorinated ethanes	<i>No data</i>	Insufficient data	1991	<i>No data</i>	Insufficient data	1991
1,1,2-Trichloroethene TCE (Trichloroethylene) CASRN 79-01-6	Organic Halogenated aliphatic compounds Chlorinated ethenes	<i>No data</i>	21	1991	<i>No data</i>	Insufficient data	1991
1,2,3,4-Tetrachlorobenzene CASRN 634662	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	1.8	1997	<i>No data</i>	Insufficient data	1997
1,2,3,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	Insufficient data	1997	<i>No data</i>	Insufficient data	1997
1,2,3-Trichlorobenzene CASRN 87616	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	8	1997	<i>No data</i>	Insufficient data	1997
1,2,4,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	Insufficient data	1997	<i>No data</i>	Insufficient data	1997
1,2,4-Trichlorobenzene	Organic Monocyclic aromatic compounds	<i>No data</i>	24	1997	<i>No data</i>	5.4	1997

CASRN 120801	Chlorinated benzenes						
1,2-Dichlorobenzene CASRN 95501	Organic Monocyclic aromatic compounds Chlorinated benzenes	No data	0.7	1997	No data	42	1997
1,2-Dichloroethane CASRN 1070602	Organic Halogenated aliphatic compounds Chlorinated ethanes	No data	100	1991	No data	Insufficient data	1991
1,3,5-Trichlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	No data	Insufficient data	1997	No data	Insufficient data	1997
1,3-Dichlorobenzene CASRN 541731	Organic Monocyclic aromatic compounds Chlorinated benzenes	No data	150	1997	No data	Insufficient data	1997
1,4-Dichlorobenzene CASRN 106467	Organic Monocyclic aromatic compounds Chlorinated benzenes	No data	26	1997	No data	Insufficient data	1997
1,4-Dioxane		NRG	NRG	2008	NRG	NRG	2008
3-Iodo-2-propynyl butyl carbamate IPBC CASRN 55406-53-6	Organic Pesticides Carbamate pesticides	No data	1.9	1999	No data	No data	No data
Acenaphthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	No data	5.8	1999	No data	Insufficient data	1999
Acenaphthylene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	No data	No data	1999	No data	No data	1999
Acridine PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	No data	4.4	1999	No data	Insufficient data	1999
Aldicarb CASRN 116063	Organic Pesticides Carbamate pesticides	No data	1	1993	No data	0.15	1993
Aldrin	Organic Pesticides Organochlorine compounds	No data	<del>0.004</del>	1987	No data	No data	No data
Aluminium	Inorganic Metals	No data	Variable	1987	No data	No data	No data

Ammonia (total)	Inorganic Inorganic nitrogen compounds	No data	Table	2001	No data	No data	No data
Ammonia (un-ionized) CASRN 7664417	Inorganic Inorganic nitrogen compounds	No data	19	2001	No data	No data	No data
Aniline CASRN 62533	Organic	No data	2.2	1993	No data	Insufficient data	1993
Anthracene PAHs	Organic Polycyclic aromatic hydrocarbons	No data	0.012	1999	No data	Insufficient data	1999
Arsenic CASRN none	Inorganic Metals	No data	5	1997	No data	12.5	1997
Aspen Mcintosh (Test) Violet Hayden CASRN Rerum eaque incididunt lorem incididunt exercitationem et aliqua Repudiandae corrupti	Impedit laborum quia cupiditate nulla ullam qui assumenda rerum inventore et optio laboriosam deserunt Vitae expedita sint sunt ratione delectus sequi voluptas delectus laboriosam amet ullam placeat rerum molestias aut natus asperiores voluptates Sed culpa voluptatem Dicta aliquam voluptatem qui	123	Veniam ut eligendi consequatur Aut illum molestiae in aliquid	12- Aug- 1989	324	Ea accusamus sit vero officia aspernatur reprehenderit aut inventore nobis minima ipsam vero velit sed alias blanditiis ut adipisci qui	13- Nov- 1988
Atrazine CASRN 1912249	Organic Pesticides Triazine compounds	No data	1.8	1989	No data	No data	No data
Benz(a)anthracene PAHs	Organic Polycyclic aromatic hydrocarbons	No data	0.018	1999	No data	Insufficient data	1999
Benzene CASRN 71432	Organic Monocyclic aromatic compounds	No data	370	1999	No data	110	1999
Benzo(a)pyrene PAHs	Organic Polycyclic aromatic hydrocarbons	No data	0.015	1999	No data	Insufficient data	1999
Beryllium	Inorganic Metals	No data	No data	2015- 02-23	No data	No data	2015- 02-23
Boron	Inorganic Metals	29,000µg/L or 29mg/L	1,500µg/L or 1.5mg/L	2009	NRG	NRG	2009

Bromacil CASRN 314409	Organic Pesticides	<i>No data</i>	5	1997	<i>No data</i>	Insufficient data	1997
Bromoxynil	Organic Pesticides Benzonitrile compounds	<i>No data</i>	5	1993	<i>No data</i>	Insufficient data	1993
Cadmium CASRN 7440439	Inorganic Metals	1.0	0.09	2014	NRG	0.12	2014
Captan CASRN 133062	Organic Pesticides	<i>No data</i>	1.3	1991	<i>No data</i>	<i>No data</i>	<i>No data</i>
Carbamazepine 5H-Dibenzo[b,f]azepine-5- carboxamide; CBZ		NRG	10	2018	NRG	NRG	2018
Carbaryl CASRN 63252	Organic Pesticides Carbamate pesticides	3.3	0.2	2009	5.7	0.29	2009
Carbofuran CASRN 1564662	Organic Pesticides Carbamate pesticides	<i>No data</i>	1.8	1989	<i>No data</i>	<i>No data</i>	<i>No data</i>
Chlordane	Organic Pesticides Organochlorine compounds	<i>No data</i>	<del>0.006</del>	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Chloride	Inorganic	640,000 µg/L or 640 mg/L	120,000 µg/L or 120 mg/L	2011	NRG	NRG	2011
Chlorothalonil CASRN 1897456	Organic Pesticides	<i>No data</i>	0.18	1994	<i>No data</i>	0.36	1994
Chlorpyrifos CASRN 2921882	Organic Pesticides Organophosphorus compounds	0.02	0.002	2008	NRG	0.002	2008
Chromium, hexavalent (Cr(VI)) CASRN 7440473	Inorganic Metals	<i>No data</i>	1	1997	<i>No data</i>	1.5	1997
Chromium, trivalent (Cr(III))	Inorganic Metals	<i>No data</i>	8.9	1997	<i>No data</i>	56	1997

CASRN 7440473							
Chrysene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	No data	Insufficient data	1999	No data	Insufficient data	1999
Colour CASRN N/A	Physical	No data	Narrative	1999	No data	Narrative	1999
Copper	Inorganic Metals	No data	Equation	1987	No data	No data	No data
Cyanazine CASRN 2175462	Organic Pesticides Triazine compounds	No data	2	1990	No data	No data	No data
Cyanide	Inorganic	No data	5 (as free CN)	1987	No data	No data	No data
Debris CASRN N/A	Physical	No data	No data	No data	No data	Narrative	1996
Deltamethrin CASRN 52918635	Organic Pesticides	No data	0.0004	1997	No data	Insufficient data	1997
Deposited bedload sediment	Physical Turbidity, clarity and suspended solids Total particulate matter	No data	Insufficient data	1999	No data	Insufficient data	1999
Di(2-ethylhexyl) phthalate CASRN 117817	Organic Phthalate esters	No data	16	1993	No data	Insufficient data	1993
Di-n-butyl phthalate CASRN 84742	Organic Phthalate esters	No data	19	1993	No data	Insufficient data	1993
Di-n-octyl phthalate CASRN 117840	Organic Phthalate esters	No data	Insufficient data	1993	No data	Insufficient data	1993
Dibromochloromethane	Organic Halogenated aliphatic compounds Halogenated methanes	No data	Insufficient data	1992	No data	Insufficient data	1992
Dicamba CASRN 1918009	Organic Pesticides Aromatic Carboxylic Acid	No data	10	1993	No data	No data	No data

Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1- trichloroethane DDT (total)	Organic Pesticides Organochlorine compounds	No data	0.001	1987	No data	No data	No data
Dichlorobromomethane	Organic Halogenated aliphatic compounds Halogenated methanes	No data	Insufficient data	1992	No data	Insufficient data	1992
Dichloromethane Methylene chloride CASRN 75092	Organic Halogenated aliphatic compounds Halogenated methanes	No data	98.1	1992	No data	Insufficient data	1992
Dichlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	No data	0.2	1987	No data	No data	No data
Diclofop-methyl CASRN 51338273	Organic Pesticides	No data	6.1	1993	No data	No data	No data
Didecyl dimethyl ammonium chloride DDAC CASRN 7173515	Organic Pesticides	No data	1.5	1999	No data	Insufficient data	1999
Diethylene glycol CASRN 111466	Organic Glycols	No data	Insufficient data	1997	No data	Insufficient data	1997
Diisopropanolamine DIPA CASRN 110974	Organic	No data	1600	2005	No data	Insufficient data	2005
Dimethoate CASRN 60515	Organic Pesticides Organophosphorus compounds	No data	6.2	1993	No data	Insufficient data	1993
Dinoseb CASRN 88857	Organic Pesticides	No data	0.05	1992	No data	No data	No data
Dissolved gas supersaturation CASRN N/A	Physical	No data	Narrative	1999	No data	Narrative	1999
Dissolved oxygen DO CASRN N/A	Inorganic	No data	Variable	1999	No data	>8000 & Narrative	1996

Endosulfan	Organic Pesticides Organochlorine compounds	0.06	0.003	2010	0.09	0.002	2010
Endrin	Organic Pesticides Organochlorine compounds	<i>No data</i>	<del>0.0023</del>	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Ethylbenzene CASRN 100414	Organic Monocyclic aromatic compounds	<i>No data</i>	90	1996	<i>No data</i>	25	1996
Ethylene glycol CASRN 107211	Organic Glycols	<i>No data</i>	192 000	1997	<i>No data</i>	Insufficient data	1997
Fluoranthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	<i>No data</i>	0.04	1999	<i>No data</i>	Insufficient data	1999
Fluorene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	<i>No data</i>	3	1999	<i>No data</i>	Insufficient data	1999
Fluoride	Inorganic	<i>No data</i>	120	2002	<i>No data</i>	NRG	2002
Fluoride CASRN 7782414	Inorganic	<i>No data</i>	120	2002	<i>No data</i>	<i>No data</i>	2002
Glyphosate CASRN 1071836	Organic Pesticides Organophosphorus compounds	27,000	800	2012	NRG	NRG	2012
Heptachlor Heptachlor epoxide	Organic Pesticides Organochlorine compounds	<i>No data</i>	<del>0.01</del>	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Hexachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	Insufficient data	1997	<i>No data</i>	Insufficient data	1997
Hexachlorobutadiene HCB CASRN 87683	Organic Halogenated aliphatic compounds	<i>No data</i>	1.3	1999	<i>No data</i>	<i>No data</i>	<i>No data</i>
Hexachlorocyclohexane Lindane	Organic Pesticides Organochlorine compounds	<i>No data</i>	0.01	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>

Imidacloprid CASRN 13826413		<i>No data</i>	0.23	2007	<i>No data</i>	0.65	2007
Inorganic Mercury CASRN 7439976	Inorganic	<i>No data</i>	0.026	2003	<i>No data</i>	0.016	2003
Iron	Inorganic Metals	<i>No data</i>	300	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Lead	Inorganic Metals	<i>No data</i>	Equation	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Linuron CASRN 41205214	Organic Pesticides	<i>No data</i>	7	1995	<i>No data</i>	<i>No data</i>	1995
Mercury CASRN 7439976	Inorganic Metals	<i>No data</i>	0.026	2003	<i>No data</i>	0.016	2003
Methoprene CASRN 40596698		<i>No data</i>	0.09 (Target Organism Management value: 0.53)	2007	<i>No data</i>	Insufficient data	2007
Methyl tertiary-butyl ether MTBE CASRN 1634044	Organic Non-halogenated aliphatic compounds Aliphatic ether	<i>No data</i>	10 000	2003	<i>No data</i>	5 000	2003
Methylchlorophenoxyacetic acid (4- Chloro-2-methyl phenoxy acetic acid; 2-Methyl-4-chloro phenoxy acetic acid) MCPA CASRN 94746	Organic Pesticides	<i>No data</i>	2.6	1995	<i>No data</i>	4.2	1995
Methylmercury	Organic	<i>No data</i>	0.004	2003	<i>No data</i>	NRG	2003
Metolachlor CASRN 51218452	Organic Pesticides Organochlorine compounds	<i>No data</i>	7.8	1991	<i>No data</i>	<i>No data</i>	<i>No data</i>
Metribuzin CASRN 21087649	Organic Pesticides Triazine compounds	<i>No data</i>	1	1990	<i>No data</i>	<i>No data</i>	<i>No data</i>



Molybdenum	Inorganic Metals	No data	73	1999	No data	No data	No data
Monobromomethane Methyl bromide	Organic Halogenated aliphatic compounds Halogenated methanes	No data	Insufficient data	1992	No data	Insufficient data	1992
Monochlorobenzene CASRN 108907	Organic Monocyclic aromatic compounds Chlorinated benzenes	No data	1.3	1997	No data	25	1997
Monochloromethane Methyl chloride	Organic Halogenated aliphatic compounds Halogenated methanes	No data	Insufficient data	1992	No data	Insufficient data	1992
Monochlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	No data	7	1987	No data	No data	No data
Naphthalene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	No data	1.1	1999	No data	1.4	1999
Nickel	Inorganic Metals	No data	Equation	1987	No data	No data	No data
Nitrate CASRN 14797-55-8	Inorganic Inorganic nitrogen compounds	550,000 µg/L or 550 mg/L	13,000 µg/L or 13 mg/L	2012	1,500,000 µg/L or 1500 mg/L	200,000 µg/L or 200 mg/L	2012
Nitrite	Inorganic Inorganic nitrogen compounds	No data	60 NO <sub>2</sub> -N	1987	No data	No data	No data
Nonylphenol and its ethoxylates CASRN 84852153	Organic Nonylphenol and its ethoxylates	No data	1	2002	No data	0.7	2002
Norman Merrill Lael Mccray CASRN Voluptate esse quae esse nihil ab tempor consequatur Vel irure eum quibusdam est ut alias aliquid	Sequi ad veniam voluptas pariatur odio dolore ex eum rerum sed voluptas dolores omnis voluptatem Facilis praesentium et sit fugiat dui Velit nulla quod quae et cum aut ratione in ad quasi eius ipsum a libero rerum mollit voluptates fuga Anim	Pariatur Do sed est vel veniam magnam alias vel sit in totam dolore	Laborum architecto harum nemo ut dolorem iste quam	09-Oct-1978	Do necessitatibus dolores quibusdam dicta ullam	Et molestiae doloribus eius cillum veritatis est commodi minim incididunt sunt dui	27-Sep-2000
Nutrients		No data	Guidance Framework	2004	No data	Guidance framework	2007

Pentachlorobenzene CASRN 608935	Organic Monocyclic aromatic compounds Chlorinated benzenes	<i>No data</i>	6	1997	<i>No data</i>	Insufficient data	1997
Pentachlorophenol PCP	Organic Monocyclic aromatic compounds Chlorinated phenols	<i>No data</i>	0.5	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Permethrin CASRN 52645531	Organic Pesticides Organochlorine compounds	<i>No data</i>	0.004	2006	<i>No data</i>	0.001	2006
Phenanthrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	<i>No data</i>	0.4	1999	<i>No data</i>	Insufficient data	1999
Phenols (mono- & dihydric) CASRN 108952	Organic Aromatic hydroxy compounds	<i>No data</i>	4	1999	<i>No data</i>	<i>No data</i>	<i>No data</i>
Phenoxy herbicides 2,4 D; 2,4-Dichlorophenoxyacetic acid	Organic Pesticides	<i>No data</i>	4	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Phosphorus	Inorganic	No data	Guidance Framework	2004	No data	Guidance Framework	2007
Picloram CASRN 1918021	Organic Pesticides	<i>No data</i>	29	1990	<i>No data</i>	<i>No data</i>	<i>No data</i>
Polychlorinated biphenyls PCBs	Organic Polyaromatic compounds Polychlorinated biphenyls	<i>No data</i>	<del>0.001</del>	1987	<i>No data</i>	<del>0.01</del>	1991
Propylene glycol CASRN 57556	Organic Glycols	<i>No data</i>	500 000	1997	<i>No data</i>	Insufficient data	1997
Pyrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	<i>No data</i>	0.025	1999	<i>No data</i>	Insufficient data	1999
pH	Inorganic Acidity, alkalinity and pH	<i>No data</i>	6.5 to 9.0	1987	<i>No data</i>	7.0 to 8.7 & Narrative	1996
Quinoline PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	<i>No data</i>	3.4	1999	<i>No data</i>	Insufficient data	1999

Reactive Chlorine Species total residual chlorine, combined residual chlorine, total available chlorine, hypochlorous acid, chloramine, combined available chlorine, free residual chlorine, free available chlorine, chlorine-produced oxidants	Inorganic Reactive chlorine compounds	<i>No data</i>	0.5	1999	<i>No data</i>	0.5	1999
Salinity	Physical	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	Narrative	1996
Selenium	Inorganic Metals	No data	1	1987	No data	No data	No data
Silver	Inorganic Metals	NRG	0.25	2015	7.5	NRG	2015
Simazine CASRN 122349	Organic Pesticides Triazine compounds	<i>No data</i>	10	1991	<i>No data</i>	No data	<i>No data</i>
Sodium adsorption ratio SAR		<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
		<b>Concentration (µg/L)</b>	<b>Concentration (µg/L)</b>	<b>Date</b>	<b>Concentration (µg/L)</b>	<b>Concentration (µg/L)</b>	<b>Date</b>
<b>Chemical name</b>	<b>Chemical groups</b>	<b>Short Term</b>	<b>Long Term</b>		<b>Short Term</b>	<b>Long Term</b>	
Streambed substrate	Physical Turbidity, clarity and suspended solids Total particulate matter	<i>No data</i>	Narrative	1999	<i>No data</i>	Narrative	1999
Styrene CASRN 100425	Organic Monocyclic aromatic compounds	<i>No data</i>	72	1999	<i>No data</i>	<i>No data</i>	<i>No data</i>
Sulfolane Bondelane CASRN 126330	Organic Organic sulphur compound	<i>No data</i>	50 000	2005	<i>No data</i>	Insufficient data	2005
Suspended sediments TSS	Physical Turbidity, clarity and suspended solids Total particulate matter	<i>No data</i>	Narrative	1999	<i>No data</i>	Narrative	1999
TESTonium TEST		1231	No data	2018- 03-14	213	12312	2018- 03-06
Tebuthiuron	Organic Pesticides	<i>No data</i>	1.6	1995	<i>No data</i>	Insufficient data	1995

CASRN 34014181							
Temperature	Physical Temperature	No data	Narrative	1987	No data	Narrative	1996
Test test CASRN casrn	Par1 par2 par3	30	long	No data	50	100	No data
Tetrachloromethane Carbon tetrachloride CASRN 56235	Organic Halogenated aliphatic compounds Halogenated methanes	No data	13.3	1992	No data	Insufficient data	1992
Tetrachlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	No data	1	1987	No data	No data	No data
Thallium	Inorganic Metals	No data	0.8	1999	No data	No data	No data
Toluene CASRN 108883	Organic Monocyclic aromatic compounds	No data	2	1996	No data	215	1996
Toxaphene	Organic Pesticides Organochlorine compounds	No data	0.008	1987	No data	No data	No data
Triallate CASRN 2303175	Organic Pesticides Carbamate pesticides	No data	0.24	1992	No data	No data	No data
Tribromomethane Bromoform	Organic Halogenated aliphatic compounds Halogenated methanes	No data	Insufficient data	1992	No data	Insufficient data	1992
Tributyltin	Organic Organotin compounds	No data	0.008	1992	No data	0.001	1992
Trichlorfon CASRN 52-68-6		1.1	0.009	2012	NRG	NRG	2012
Trichloromethane Chloroform CASRN 67663	Organic Halogenated aliphatic compounds Halogenated methanes	No data	1.8	1992	No data	Insufficient data	1992
Trichlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	No data	18	1987	No data	No data	No data
Tricyclohexyltin	Organic	No data	Insufficient data	1992	No data	Insufficient data	1992

	Organotin compounds						
Trifluralin CASRN 1582098	Organic Pesticides Dinitroaniline pesticides	No data	0.2	1993	No data	No data	No data
Triphenyltin	Organic Organotin compounds	No data	0.022	1992	No data	No data	1992
Turbidity	Physical Turbidity, clarity and suspended solids Total particulate matter	No data	Narrative	1999	No data	Narrative	1999
Uranium CASRN 7440-61-1	Inorganic Metals	33	15	2011	NRG	NRG	2011
Zinc	Inorganic Metals	No data	30	1987	No data	No data	No data

		Water Quality Guidelines for the Protection of Agriculture			
		Irrigation		Livestock	
		Concentration (µg/L)	Date	Concentration (µg/L)	Date
Chemical name	Chemical groups				
1,1,1-Trichloroethane CASRN 71556	Organic Halogenated aliphatic compounds Chlorinated ethanes	Insufficient data	1991	Insufficient data	1991
1,1,2,2- Tetrachloroethene PCE (Tetrachloroethylene) CASRN 127184	Organic Halogenated aliphatic compounds Chlorinated ethenes	Insufficient data	1993	Insufficient data	1993
1,1,2,2-Tetrachlorethane CASRN 79345	Organic Halogenated aliphatic compounds Chlorinated ethanes	Insufficient data	1991	Insufficient data	1991
1,1,2-Trichloroethene TCE (Trichloroethylene) CASRN 79-01-6	Organic Halogenated aliphatic compounds Chlorinated ethenes	Insufficient data	1991	50	1991
1,2,3,4-Tetrachlorobenzene CASRN 634662	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997

1,2,3,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,2,3-Trichlorobenzene CASRN 87616	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,2,4,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,2,4-Trichlorobenzene CASRN 120801	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,2-Dichlorobenzene CASRN 95501	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,2-Dichloroethane CASRN 1070602	Organic Halogenated aliphatic compounds Chlorinated ethanes	Insufficient data	1991	5	1991
1,3,5-Trichlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,3-Dichlorobenzene CASRN 541731	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
1,4-Dichlorobenzene CASRN 106467	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
Aldicarb CASRN 116063	Organic Pesticides Carbamate pesticides	54.9	1993	11	1993
Aluminium	Inorganic Metals	5000	1987	5000	1987
Aniline CASRN 62533	Organic	Insufficient data	1993	Insufficient data	1993

Arsenic <b>CASRN none</b>	Inorganic Metals	100	1997	25	1997
Aspen Mcintosh (Test) Violet Hayden <b>CASRN Rerum eaque incididunt lorem incididunt exercitationem et aliqua Repudiandae corrupti</b>	Impedit laborum quia cupiditate nulla ullam qui assumenda rerum inventore et optio laboriosam deserunt Vitae expedita sint sunt ratione delectus sequi voluptas delectus laboriosam amet ullam placeat rerum molestias aut natus asperiores voluptates Sed culpa voluptatem Dicta aliquam voluptatem qui	342	20- Jul- 1987	32	09- May- 2016
Atrazine <b>CASRN 1912249</b>	Organic Pesticides Triazine compounds	10	1989	5	1989
Beryllium	Inorganic Metals	100	1987	100	1987
Boron	Inorganic Metals	Variable	1987	5000	1987
Bromacil <b>CASRN 314409</b>	Organic Pesticides	0.2	1997	1100	1997
Bromoxynil	Organic Pesticides Benzonitrile compounds	0.33	1993	11	1993
Cadmium <b>CASRN 7440439</b>	Inorganic Metals	5.1	1996	80	1996
Calcium	Inorganic Metals	No data	No data	1 000 000	1987
Captan <b>CASRN 133062</b>	Organic Pesticides	Insufficient data	1991	13	1991
Carbaryl <b>CASRN 63252</b>	Organic Pesticides Carbamate pesticides	Insufficient data	1997	1100	1997
Carbofuran <b>CASRN 1564662</b>	Organic Pesticides Carbamate pesticides	Insufficient data	1989	45	1989

Chlordane	Organic Pesticides Organochlorine compounds	<i>No data</i>	<i>No data</i>	7	1987
Chloride	Inorganic	Variable	1987	<i>No data</i>	<i>No data</i>
Chlorothalonil CASRN 1897456	Organic Pesticides	5.8 (other crops)	1994	170	1994
Chlorpyrifos CASRN 2921882	Organic Pesticides Organophosphorus compounds	Insufficient data	1997	24	1997
Chromium, hexavalent (Cr(VI)) CASRN 7440473	Inorganic Metals	8	1997	50	1997
Chromium, trivalent (Cr(III)) CASRN 7440473	Inorganic Metals	4.9	1997	50	1997
Cobalt	Inorganic Metals	50	1987	1000	1987
Coliforms, fecal (Escherichia coli) E. coli	Biological	100 per 100 mL	1987	<i>No data</i>	<i>No data</i>
Coliforms, total Coliforms	Biological	1000 per 100 mL	1987	<i>No data</i>	<i>No data</i>
Colour CASRN N/A	Physical	<i>No data</i>	<i>No data</i>	Narrative	1999
Copper	Inorganic Metals	Variable	1987	Variable	1987
Cyanazine CASRN 2175462	Organic Pesticides Triazine compounds	0.5	1990	10	1990
Cyanobacteria Blue-green algae	Biological	<i>No data</i>	<i>No data</i>	Narrative	1999
Deltamethrin CASRN 52918635	Organic Pesticides	Insufficient data	1997	2.5	1997



Dibromochloromethane	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	100	1992
Dicamba CASRN 1918009	Organic Pesticides Aromatic Carboxylic Acid	0.006	1993	122	1993
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1- trichloroethane DDT (total)	Organic Pesticides Organochlorine compounds	No data	No data	30	1987
Dichlorobromomethane	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	100	1992
Dichloromethane Methylene chloride CASRN 75092	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	50	1992
Diclofop-methyl CASRN 51338273	Organic Pesticides	0.18	1993	9	1993
Diethylene glycol CASRN 111466	Organic Glycols	Insufficient data	1997	Insufficient data	1997
Diisopropanolamine DIPA CASRN 110974	Organic	2 000	2006	Insufficient data	2006
Dimethoate CASRN 60515	Organic Pesticides Organophosphorus compounds	Insufficient data	1993	3	1993
Dinoseb CASRN 88857	Organic Pesticides	16	1992	150	1992
Endrin	Organic Pesticides Organochlorine compounds	No data	No data	0.2	1987
Ethylbenzene CASRN 100414	Organic Monocyclic aromatic compounds	Insufficient data	1996	2.4	1996

Ethylene glycol CASRN 107211	Organic Glycols	Insufficient data	1997	Insufficient data	1997
Fluoride	Inorganic	1000	1987	Variable	1987
Glyphosate CASRN 1071836	Organic Pesticides Organophosphorus compounds	No data	No data	280	1989
Heptachlor Heptachlor epoxide	Organic Pesticides Organochlorine compounds	No data	No data	3	1987
Hexachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	0.52	1991
Hexachlorocyclohexane Lindane	Organic Pesticides Organochlorine compounds	No data	No data	4	1987
Inorganic Mercury CASRN 7439976	Inorganic	No data	No data	3	1987
Iron	Inorganic Metals	5000	1987	No data	No data
Lead	Inorganic Metals	200	1987	100	1987
Linuron CASRN 41205214	Organic Pesticides	0.071	1995	Insufficient data	1995
Lithium	Inorganic Metals	2500	1987	No data	No data
Manganese	Inorganic Metals	200	1987	No data	No data
Mercury CASRN 7439976	Inorganic Metals	No data	No data	3	1987
Methylchlorophenoxyacetic acid (4-Chloro-2-methyl phenoxy acetic acid; 2-Methyl-4-chloro phenoxy acetic acid)	Organic Pesticides	0.025	1995	25	1995

MCPA CASRN 94746					
Metolachlor CASRN 51218452	Organic Pesticides Organochlorine compounds	28	1991	50	1991
Metribuzin CASRN 21087649	Organic Pesticides Triazine compounds	0.5	1990	80	1990
Molybdenum	Inorganic Metals	Narrative	1987	500	1987
Monobromomethane Methyl bromide	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	Insufficient data	1992
Monochlorobenzene CASRN 108907	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
Monochloromethane Methyl chloride	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	Insufficient data	1992
Nickel	Inorganic Metals	200	1987	1000	1987
Nitrate + Nitrite	Inorganic Inorganic nitrogen compounds	<i>No data</i>	<i>No data</i>	100 000 NO <sub>3</sub> +NO <sub>2</sub> -N	1987
Nitrite	Inorganic Inorganic nitrogen compounds	<i>No data</i>	<i>No data</i>	10 000 NO <sub>2</sub> -N	1987
Norman Merrill Lael Mccray CASRN Voluptate esse quae esse nihil ab tempor consequatur Vel irure eum quibusdam est ut alias aliquid	Sequi ad veniam voluptas pariatur odio dolore ex eum rerum sed voluptas dolores omnis voluptatem Facilis praesentium et sit fugiat duis Velit nulla quod quae et cum aut ratione in ad quasi eius ipsum a libero rerum mollit voluptates fuga Anim	Commodi excepturi molestiae explicabo Aliqua Quia quasi officiis deserunt	08- Nov- 1971	Sit enim hic laborum Est laborum qui perferendis est nulla provident delectus voluptatibus autem quo velit	13- Aug- 1973
Pentachlorobenzene CASRN 608935	Organic Monocyclic aromatic compounds Chlorinated benzenes	Insufficient data	1997	Insufficient data	1997
Phenols (mono- & dihydric) CASRN 108952	Organic Aromatic hydroxy compounds	<i>No data</i>	<i>No data</i>	2	1987
Phenoxy herbicides 2,4 D; 2,4-Dichlorophenoxyacetic acid	Organic Pesticides	<i>No data</i>	<i>No data</i>	100	1987

Picloram CASRN 1918021	Organic Pesticides	Insufficient data	1990	190	1990
Propylene glycol CASRN 57556	Organic Glycols	Insufficient data	1997	Insufficient data	1997
Selenium	Inorganic Metals	Variable	1987	50	1987
Simazine CASRN 122349	Organic Pesticides Triazine compounds	0.5	1991	10	1991
Sodium adsorption ratio SAR		<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
		<b>Concentration (µg/L)</b>	<b>Date</b>	<b>Concentration (µg/L)</b>	<b>Date</b>
<b>Chemical name</b>	<b>Chemical groups</b>				
Sulfolane Bondelane CASRN 126330	Organic Organic sulphur compound	500	2005	Insufficient data	2005
Sulphate	Inorganic Inorganic sulphur compounds	<i>No data</i>	<i>No data</i>	1 000 000	1987
TESTonium TEST		2131231	2018- 03-21	2312	No data
Tebuthiuron CASRN 34014181	Organic Pesticides	0.27 (cereals, tame hays, and pastures)	1995	130	1995
Tetrachloromethane Carbon tetrachloride CASRN 56235	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	5	1992
Toluene CASRN 108883	Organic Monocyclic aromatic compounds	Insufficient data	1996	24	1996
Total dissolved solids (salinity) TDS	Physical Turbidity, clarity and suspended solids	Variable	1987	3 000 000	1987

Toxaphene	Organic Pesticides Organochlorine compounds	No data	No data	5	1987
Triallate CASRN 2303175	Organic Pesticides Carbamate pesticides	Insufficient data	1992	230	1992
Tribromomethane Bromoform	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	100	1992
Tributyltin	Organic Organotin compounds	Insufficient data	1992	250	1992
Trichloromethane Chloroform CASRN 67663	Organic Halogenated aliphatic compounds Halogenated methanes	Insufficient data	1992	100	1992
Tricyclohexyltin	Organic Organotin compounds	Insufficient data	1992	250	1992
Trifluralin CASRN 1582098	Organic Pesticides Dinitroaniline pesticides	Insufficient data	1992	45	1992
Triphenyltin	Organic Organotin compounds	Insufficient data	1992	820	1992
Uranium CASRN 7440-61-1	Inorganic Metals	10	1987	200	1987
Vanadium	Inorganic Metals	100	1987	100	1987
Zinc	Inorganic Metals	Equation	1987	50 000	1987

		Sediment Quality Guidelines for the Protection of Aquatic Life					
		Freshwater			Marine		
		Concentration (µg/kg dry weight)	Concentration (µg/kg dry weight)	Date	Concentration (µg/kg dry weight)	Concentration (µg/kg dry weight)	Date
Chemical name	Chemical groups	ISQG	PEL		ISQG	PEL	

2-Methylnaphthalene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	20.2	201	1998	20.2	201	1998
Acenaphthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	6.71	88.9	1998	6.71	88.9	1998
Acenaphthylene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	5.87	128	1998	5.87	128	1998
Anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	46.9	245	1998	46.9	245	1998
Aroclor 1254 PCBs	Organic Polyaromatic compounds Polychlorinated biphenyls	60	340	2001	63.3	709	2001
Arsenic CASRN none	Inorganic Metals	5900	17 000	1998	7240	41 600	1998
Aspen Mcintosh (Test) Violet Hayden CASRN Rerum eaque incididunt lorem incididunt exercitationem et aliqua Repudiandae corrupti	Impedit laborum quia cupiditate nulla ullam qui assumenda rerum inventore et optio laboriosam deserunt Vitae expedita sint sunt ratione delectus sequi voluptas delectus laboriosam amet ullam placeat rerum molestias aut natus asperiores voluptates Sed culpa voluptatem Dicta aliquam voluptatem qui	543	5453	27- Jul- 1989	23	23	04- Sep- 2007
Benz(a)anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	31.7	385	1998	74.8	693	1998
Benzo(a)pyrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	31.9	782	1998	88.8	763	1998
Beryllium	Inorganic Metals	No data	No data	2015- 02-23	No data	No data	2015- 02-23
Cadmium CASRN 7440439	Inorganic Metals	600	3500	1997	700	4200	1997
Chlordane	Organic Pesticides Organochlorine compounds	4.5	8.87	1998	2.26	4.79	1998

Chromium (total) CASRN 7440-47-3	Inorganic Metals	37 300	90 000	1998	52 300	160 000	1998
Chrysene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	57.1	862	1998	108	846	1998
Copper	Inorganic Metals	35 700	197 000	1998	18 700	108 000	1998
Dibenz(a,h)anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	6.22	135	1998	6.22	135	1998
Dichloro diphenyl dichloroethane, 2,2-Bis (p-chlorophenyl)-1,1-dichloroethane DDD	Organic Pesticides Organochlorine compounds	3.54	8.51	1998	1.22	7.81	1998
Dichloro diphenyl ethylene, 1,1-Dichloro- 2,2-bis(p-chlorophenyl)-ethene DDE	Organic Pesticides Organochlorine compounds	1.42	6.75	1998	2.07	374	1998
Dichloro diphenyl trichloroethane; 2,2- Bis(p-chlorophenyl)-1,1,1-trichloroethane DDT	Organic Pesticides Organochlorine compounds	1.19	4.77	1998	1.19	4.77	1998
Dieldrin	Organic Pesticides Organochlorine compounds	2.85	6.67	1998	0.71	4.3	1998
Endrin	Organic Pesticides Organochlorine compounds	2.67	62.4	1998	2.67	62.4	1998
Fluoranthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	111	2355	1998	113	1494	1998
Fluorene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	21.2	144	1998	21.2	144	1998
Heptachlor Heptachlor epoxide	Organic Pesticides Organochlorine compounds	0.6	2.74	1998	0.6	2.74	1998
Hexachlorocyclohexane Lindane	Organic Pesticides Organochlorine compounds	0.94	1.38	1998	0.32	0.99	1998

Inorganic Mercury CASRN 7439976	Inorganic	170	486	1997	130	700	1997
Lead	Inorganic Metals	35 000	91 300	1998	30 200	112 000	1998
Mercury CASRN 7439976	Inorganic Metals	170	486	1997	130	700	1997
Naphthalene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	34.6	391	1998	34.6	391	1998
Nonylphenol and its ethoxylates CASRN 84852153	Organic Nonylphenol and its ethoxylates	1400	<i>No data</i>	2002	1000	<i>No data</i>	2002
Norman Merrill Lael Mccray CASRN Voluptate esse quae esse nihil ab tempor consequatur Vel irure eum quibusdam est ut alias aliquid	Sequi ad veniam voluptas pariaturo odio dolore ex eum rerum sed voluptas dolores omnis voluptatem Facilis praesentium et sit fugiat dui Velit nulla quod quae et cum aut ratione in ad quasi eius ipsum a libero rerum mollit voluptates fuga Anim	Nemo officia occaecat ut officia voluptatum adipisicing	Consectetur perferendis ut ut et sint est	13- May- 2004	Deleniti amet natus consequuntur dicta	Veritatis officia in nisi quo velit ipsum consequatur voluptate fugiat et ex qui	09- Apr- 1982
Phenanthrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	41.9	515	1998	86.7	544	1998
Polychlorinated biphenyls PCBs	Organic Polyaromatic compounds Polychlorinated biphenyls	34.1	277	2001	21.5	189	2001
Polychlorinated dibenzo-p-dioxins/dibenzo furans PCDDs, PCDFs	Organic Polyaromatic compounds Polychlorinated dioxins and furans	0.85 ng TEQ/kg dry weight	21.5 ng TEQ/kg dry weight	2001	0.85 ng TEQ/kg dry weight	21.5 ng TEQ/kg dry weight	2001
Pyrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	53	875	1998	153	1398	1998
Sodium adsorption ratio SAR		<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
		Concentration (µg/kg dry weight)	Concentration (µg/kg dry weight)	Date	Concentration (µg/kg dry weight)	Concentration (µg/kg dry weight)	Date
Chemical name	Chemical groups	ISQG	PEL		ISQG	PEL	



Toxaphene	Organic Pesticides Organochlorine compounds	0.1	No PEL derived	2002	0.1	No PEL derived	2002
Zinc	Inorganic Metals	123 000	315 000	1998	124 000	271 000	1998

		Soil Quality Guidelines for the Protection of Environmental and Human Health				
		Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Date
Chemical name	Chemical groups	Agricultural	Residential/ parkland	Commercial	Industrial	
1,1,1-Trichloroethane CASRN 71556	Organic Halogenated aliphatic compounds Chlorinated ethanes	0.1	5	50	50	1991
1,1,1-Trichloroethane	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
1,1,2,2- Tetrachloroethene PCE (Tetrachloroethylene) CASRN 127184	Organic Halogenated aliphatic compounds Chlorinated ethenes	0.1	0.2	0.5	0.6	1997
1,1,2,2-Tetrachlorethane CASRN 79345	Organic Halogenated aliphatic compounds Chlorinated ethanes	0.1	5	50	50	1991
1,1,2-Trichloroethane	Organic Halogenated aliphatic compounds Chlorinated ethanes	0.1	5	50	50	1991
1,1,2-Trichloroethane	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
1,1,2-Trichloroethene TCE (Trichloroethylene) CASRN 79-01-6	Organic Halogenated aliphatic compounds Chlorinated ethenes	0.01	0.01	0.01	0.01	2006
1,1-Dichloroethane	Organic Halogenated aliphatic compounds Chlorinated ethanes	0.1	5	50	50	1991

1,1-Dichloroethene Dichloroethylene	Organic Halogenated aliphatic compounds Chlorinated ethenes	0.1	5	50	50	1991
1,2,3,4-Tetrachlorobenzene CASRN 634662	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,2,3,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,2,3-Trichlorobenzene CASRN 87616	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,2,4,5-Tetrachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,2,4-Trichlorobenzene CASRN 120801	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,2-Dichlorobenzene CASRN 95501	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.1	1	10	10	1991
1,2-Dichloroethane CASRN 1070602	Organic Halogenated aliphatic compounds Chlorinated ethanes	0.1	5	50	50	1991
1,2-Dichloroethene	Organic Halogenated aliphatic compounds Chlorinated ethenes	0.1	5	50	50	1991
1,2-Dichloropropane	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
1,2-Dichloropropene (cis and trans)	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
1,3,5-Trichlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
1,3-Dichlorobenzene	Organic Monocyclic aromatic compounds	0.1	1	10	10	1991

CASRN 541731	Chlorinated benzenes					
1,4-Dichlorobenzene CASRN 106467	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.1	1	10	10	1991
2,3,4,6-Tetrachlorophenol	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
2,4,6-Trichlorophenol	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
2,4-Dichlorophenol	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
Acenaphthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Acenaphthylene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Aliphatics nonchlorinated (each)	Organic Non-halogenated aliphatic compounds	0.3	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Antimony	Inorganic Metals	20	20	40	40	1991
Arsenic CASRN none	Inorganic Metals	12	12	12	12	1997
Aspen Mcintosh (Test) Violet Hayden CASRN Rerum eaque incididunt lorem incididunt exercitationem et aliqua Repudiandae corrupti	Impedit laborum quia cupiditate nulla ullam qui assumenda rerum inventore et optio laboriosam deserunt Vitae expedita sint sunt ratione delectus sequi voluptas delectus laboriosam amet ullam placeat rerum molestias aut natus asperiores voluptates Sed culpa voluptatem Dicta aliquam voluptatem qui	56	656	34	434	24- May- 2002
Barium	Inorganic Metals	750	500	2000	2000	2013

Benz(a)anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzene  CASRN 71432	Organic Monocyclic aromatic compounds	Table	Table	Table	Table	2004
Benzo(a)pyrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzo(b)fluoranthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzo(k)fluoranthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Beryllium	Inorganic Metals	4	4	8	8	2015
Boron	Inorganic Metals	2	No data	No data	No data	1991
Cadmium  CASRN 7440439	Inorganic Metals	1.4	10	22	22	1999
Chromium (total)  CASRN 7440-47-3	Inorganic Metals	64	64	87	87	1997
Chromium, hexavalent (Cr(VI))  CASRN 7440473	Inorganic Metals	0.4	0.4	1.4	1.4	1999
Chrysene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Cobalt	Inorganic Metals	40	50	300	300	1991
Conductivity	Physical	2 dS/m	2 dS/m	4 dS/m	4 dS/m	1991
Copper	Inorganic Metals	63	63	91	91	1999
Cyanide	Inorganic	0.9	0.9	8	8	1997

Dibenz(a,h)anthracene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Dichloro diphenyl trichloroethane; 2,2-Bis(p- chlorophenyl)-1,1,1- trichloroethane DDT (total)	Organic Pesticides Organochlorine compounds	0.7	0.7	12	12	1999
Dichloromethane Methylene chloride CASRN 75092	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
Dichlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
Diisopropanolamine DIPA CASRN 110974	Organic	180	180	180	180	2006
Ethylbenzene CASRN 100414	Organic Monocyclic aromatic compounds	Table	Table	Table	Table	2004
Ethylene glycol CASRN 107211	Organic Glycols	960	960	960	960	1999
Fluoranthene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Fluorene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Fluoride	Inorganic	200	400	2000	2000	1991
Hexachlorobenzene	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
Hexachlorocyclohexane Lindane	Organic Pesticides Organochlorine compounds	0.01	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Indeno(1,2,3-c,d)pyrene PAHs	Organic Polyaromatic compounds	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008

Inorganic Mercury CASRN 7439976	Polycyclic aromatic hydrocarbons Inorganic	6.6	6.6	24	50	1999
Lead	Inorganic Metals	70	140	260	600	1999
Mercury CASRN 7439976	Inorganic Metals	6.6	6.6	24	50	1999
Methanol CASRN 67-56-1		Table	Table	Table	Table	2017
Molybdenum	Inorganic Metals	5	10	40	40	1991
Monochlorobenzene CASRN 108907	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.1	1	10	10	1991
Monochlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
Naphthalene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Nickel	Inorganic Metals	45	45	89	89	2015
Nonylphenol and its ethoxylates CASRN 84852153	Organic Nonylphenol and its ethoxylates	5.7	5.7	14	14	2002
Norman Merrill Lael Mccray CASRN	Sequi ad veniam voluptas pariatur odio dolore ex eum rerum sed voluptas dolores omnis voluptatem Facilis praesentium et sit fugiat duis Velit nulla quod quae et cum aut ratione in ad quasi eius ipsum a libero rerum mollit voluptates fuga Anim	Minima do quisquam est illum incidunt velit	Voluptatem a Nam labore quia ex aut est	Ut temporibus placeat natus anim voluptas sed minima et aliquam magni sunt ullamco atque possimus dolore	Repellendus Reiciendis vitae deleniti ut et nobis officia deleniti tempore	10-Apr-1992
n-hexane CASRN 110-54-3	Aliphatic hydrocarbon	Table	Table	Table	Table	2011

Pentachlorobenzene CASRN 608935	Organic Monocyclic aromatic compounds Chlorinated benzenes	0.05	2	10	10	1991
Pentachlorophenol PCP	Organic Monocyclic aromatic compounds Chlorinated phenols	7.6	7.6	7.6	7.6	1997
Phenanthrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Phenolic compounds, nonchlorinated	Organic Non-halogenated aromatic hydroxy compounds	0.1	1	10	10	1991
Phenols (mono- & dihydric) CASRN 108952	Organic Aromatic hydroxy compounds	3.8	3.8	3.8	3.8	1997
Phthalic acid esters (each)	Organic Phthalate esters	30	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Polychlorinated biphenyls PCBs	Organic Polyaromatic compounds Polychlorinated biphenyls	0.5	1.3	33	33	1999
Polychlorinated dibenzo-p- dioxins/dibenzo furans PCDDs, PCDFs	Organic Polyaromatic compounds Polychlorinated dioxins and furans	4 ng TEQ.kg-1	4 ng TEQ.kg-1	4 ng TEQ.kg-1	4 ng TEQ.kg-1	2002
Propylene glycol CASRN 57556	Organic Glycols	insufficient information	insufficient information	insufficient information	insufficient information	2006
Pyrene PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
pH	Inorganic Acidity, alkalinity and pH	6 to 8	6 to 8	6 to 8	6 to 8	1991
Quinoline PAHs	Organic Polyaromatic compounds Polycyclic aromatic hydrocarbons	0.1	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Selenium	Inorganic Metals	1	1	2.9	2.9	2009
Silver	Inorganic Metals	20	20	40	40	1991

Sodium adsorption ratio SAR		5	5	12	12	1991
		Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Concentration (mg/kg dry weight)	Date
Chemical name	Chemical groups	Agricultural	Residential/ parkland	Commercial	Industrial	
Styrene CASRN 100425	Organic Monocyclic aromatic compounds	0.1	5	50	50	1991
Sulfolane Bondelane CASRN 126330	Organic Organic sulphur compound	0.8	0.8	0.8	0.8	2006
Sulphur (elemental)	Inorganic Inorganic sulphur compounds	500	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Tetrachloroethene	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
Tetrachloromethane Carbon tetrachloride CASRN 56235	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991
Tetrachlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
Thallium	Inorganic Metals	1	1	1	1	1999
Thiophene	Miscellaneous organic compound	0.1	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Tin	Inorganic Metals	5	50	300	300	1991
Toluene CASRN 108883	Organic Monocyclic aromatic compounds	Table	Table	Table	Table	2004
Trichloromethane Chloroform CASRN 67663	Organic Halogenated aliphatic compounds Halogenated methanes	0.1	5	50	50	1991



Trichlorophenols	Organic Monocyclic aromatic compounds Chlorinated phenols	0.05	0.5	5	5	1991
Uranium CASRN 7440-61-1	Inorganic Metals	23	23	33	300	2007
Vanadium	Inorganic Metals	130	130	130	130	1997
Xylene	Organic Monocyclic aromatic compounds	Table	Table	Table	Table	2004
Zinc	Inorganic Metals	200	200	360	360	1999

		Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
		Concentration (µg/kg diet wet weight)	Date
Chemical name	Chemical groups		
Aspen Mcintosh (Test) Violet Hayden CASRN Rerum eaque incididunt lorem incididunt exercitationem et aliqua Repudiandae corrupti	Impedit laborum quia cupiditate nulla ullam qui assumenda rerum inventore et optio laboriosam deserunt Vitae expedita sint sunt ratione delectus sequi voluptas delectus laboriosam amet ullam placeat rerum molestias aut natus asperiores voluptates Sed culpa voluptatem Dicta aliquam voluptatem qui	43	27- Mar- 1978
Beryllium	Inorganic Metals	No data	2015- 02-23
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane DDT (total)	Organic Pesticides Organochlorine compounds	14	1997
Methylmercury	Organic	33	2001
Norman Merrill Lael Mccray CASRN Voluptate esse quae esse nihil ab tempor consequatur Vel irure eum quibusdam est ut alias aliquid	Sequi ad veniam voluptas pariatur odio dolore ex eum rerum sed voluptas dolores omnis voluptatem Facilis praesentium et sit fugiat duis Velit nulla quod quae et cum aut ratione in ad quasi eius ipsum a libero rerum mollit voluptates fuga Anim	Sapiente nesciunt voluptate doloribus est	09- Aug- 1987

Polychlorinated biphenyls PCBs	Organic Polyaromatic compounds Polychlorinated biphenyls	Variable	1998
Polychlorinated dibenzo-p-dioxins/dibenzo furans PCDDs, PCDFs	Organic Polyaromatic compounds Polychlorinated dioxins and furans	Variable	2001
Sodium adsorption ratio SAR		<i>No data</i>	<i>No data</i>
		<b>Concentration (µg/kg diet wet weight)</b>	<b>Date</b>
<b>Chemical name</b>	<b>Chemical groups</b>		
Toxaphene	Organic Pesticides Organochlorine compounds	6.3	1997