

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/L) Short Term	Concentration (µg/L) Long Term	Date	Concentration (µg/L) Short Term	Concentration (µg/L) Long Term	Date
Acenaphthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	83-32-9	No data	5.8	1999	No data	Insufficient data	1999
Acenaphthylene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	208-96-8	No data	No data	1999	No data	No data	1999
Acridine	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	260-94-6	No data	4.4	1999	No data	Insufficient data	1999
Aldicarb	Organic, Pesticides, Carbamate pesticides	116-06-3	No data	1	1993	No data	0.15	1993
Aldrin	Organic, Pesticides, Organochlorine compounds	309-00-2	No data	0.004	1987	No data	No data	No data
Aliphatics nonchlorinated (each)	Organic, Non-halogenated aliphatic compounds	No data	No data	No data	No data	No data	No data	No data
Aluminium	Inorganic, Metals	7429-90-5	No data	Variable	1987	No data	No data	No data
Ammonia (total)	Inorganic, Inorganic nitrogen compounds	No data	No data	Table	2001	No data	No data	No data
Ammonia (un-ionized)	Inorganic nitrogen compounds	7664-41-7	No data	19	2001	No data	No data	No data
Aniline	Organic	62-53-3	No data	2.2	1993	No data	Insufficient data	1993
Anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	120-12-7	No data	0.012	1999	No data	Insufficient data	1999
Antimony	Inorganic, Metals	7440-36-0	No data	No data	No data	No data	No data	No data
Aroclor 1254	Organic, Polyaromatic compounds, Polychlorinated biphenyls	11097-69-1	No data	No data	No data	No data	No data	No data
Arsenic	Inorganic, Metals	7440-38-2	No data	5	1997	No data	12.5	1997
Atrazine	Organic, Pesticides, Triazine compounds	1912-24-9	No data	1.8	1989	No data	No data	No data
Barium	Inorganic, Metals	7440-39-3	No data	No data	No data	No data	No data	No data
Benz(a)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	56-55-3	No data	0.018	1999	No data	Insufficient data	1999
Benzene	Organic, Monocyclic aromatic compounds	71-43-2	No data	370	1999	No data	110	1999
Benzo(a)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	50-32-8	No data	0.015	1999	No data	Insufficient data	1999
Benzo(b)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	205-99-2	No data	No data	No data	No data	No data	No data
Benzo(k)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	207-08-9	No data	No data	No data	No data	No data	No data
Beryllium	Inorganic, Metals	7440-41-7	No data	No data	No data	No data	No data	No data
Boron	Inorganic, Metals	7440-42-8	29,000µg/L	1,500µg/L	2009	NRG	NRG	2009
Bromacil	Organic, Pesticides	314-40-9	No data	5	1997	No data	Insufficient data	1997
Bromoxynil	Organic, Pesticides, Benzonitrile compounds	1689-84-5	No data	5	1993	No data	Insufficient data	1993

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Cadmium	Inorganic, Metals	7440-43-9	Equation	Equation	2014	NRG	0.12	2014
Calcium	Inorganic, Metals	7440-70-2	No data	No data	No data	No data	No data	No data
Carbamazepine		298-46-4	NRG	10	2018	NRG	NRG	2018
Carbaryl	Organic, Pesticides, Carbamate pesticides	63-25-2	3.3	0.2	2009	5.7	0.29	2009
Carbofuran	Organic, Pesticides, Carbamate pesticides	1563-66-2	No data	1.8	1989	No data	No data	No data
Chlordane	Organic, Pesticides, Organochlorine compounds	57-74-9	No data	0.006	1987	No data	No data	No data
Chloride	Inorganic	16887-00-6	640,000 µg/L or 640 mg/L	120,000 µg/L or 120 mg/L	2011	NRG	NRG	2011
Chlorine, Reactive Species	Inorganic, Reactive chlorine compounds	No data	No data	0.5	1999	No data	0.5	1999
Chlorothalonil	Organic, Pesticides	1897-45-6	No data	0.18	1994	No data	0.36	1994
Chlorpyrifos	Organic, Pesticides	2921-88-2	0.02	0.002	2008	NRG	0.002	2008
Chromium (total)	Inorganic, Metals	7440-47-3	No data	No data	No data	No data	No data	No data
Chromium, hexavalent (Cr(VI))	Inorganic, Metals	7440-47-3	No data	1	1997	No data	1.5	1997
Chromium, trivalent (Cr(III))	Inorganic, Metals	7440-47-3	No data	8.9	1997	No data	56	1997
Chrysene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	218-01-9	No data	Insufficient data	1999	No data	Insufficient data	1999
Cobalt	Inorganic, Metals	7440-48-4	No data	No data	No data	No data	No data	No data
Coliforms, fecal (Escherichia coli)	Biological	No data	No data	No data	No data	No data	No data	No data
Coliforms, total	Biological	No data	No data	No data	No data	No data	No data	No data
Colour	Physical	No data	No data	Narrative	1999	No data	Narrative	1999
Conductivity	Physical	No data	No data	No data	No data	No data	No data	No data
Copper	Inorganic, Metals	7440-50-8	No data	Equation	1987	No data	No data	No data
Cyanazine	Organic, Pesticides, Triazine compounds	21725-46-2	No data	2	1990	No data	NRG	No data
Cyanide	Inorganic	57-12-5	No data	5 (as free CN)	1987	No data	No data	No data
Cyanobacteria	Biological	No data	No data	No data	No data	No data	No data	No data
Debris (marine)	Physical	No data	No data	No data	No data	No data	Narrative	1996
Deltamethrin	Organic, Pesticides	52918-63-5	No data	0.0004	1997	No data	Insufficient data	1997
Deposited bedload sediment	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	Insufficient data	1999	No data	Insufficient data	1999
1,2-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-50-1	No data	0.7	1997	No data	42	1997
1,3-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	541-73-1	No data	150	1997	No data	Insufficient data	1997

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1,4-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	106-46-7	No data	26	1997	No data	Insufficient data	1997
1,1-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	75-34-3	No data	No data	No data	No data	No data	No data
1,1-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	75-35-4	No data	No data	No data	No data	No data	No data
1,2-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	107-06-2	No data	100	1991	No data	Insufficient data	1991
1,2-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	No data	No data	No data	No data	No data	No data	No data
1,2-Dichloropropane	Organic, Halogenated aliphatic compounds, Halogenated methanes	78-87-5	No data	No data	No data	No data	No data	No data
1,2-Dichloropropene (cis and trans)	Organic, Halogenated aliphatic compounds, Halogenated methanes	563-54-2	No data	No data	No data	No data	No data	No data
Di-n-butyl phthalate	Organic, Phthalate esters	84-74-2	No data	19	1993	No data	Insufficient data	1993
Di-n-octyl phthalate	Organic, Phthalate esters	117-84-0	No data	Insufficient data	1993	No data	Insufficient data	1993
Di(2-ethylhexyl) phthalate	Organic, Phthalate esters	117-81-7	No data	16	1993	No data	Insufficient data	1993
Dibenz(a,h)anthracene	Organic, Polycyclic aromatic compounds, Polycyclic aromatic hydrocarbons	53-70-3	No data	No data	No data	No data	No data	No data
Dibromochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	124-48-1	No data	Insufficient data	1992	No data	Insufficient data	1992
Dicamba	Organic, Pesticides, Aromatic carboxylic acid	1918-00-9	No data	10	1993	No data	No data	No data
Dichloro diphenyl dichloroethane, 2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	Organic, Pesticides, Organochlorine compounds	72-54-8	No data	No data	No data	No data	No data	No data
Dichloro diphenyl ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene	Organic, Pesticides, Organochlorine compounds	72-55-9	No data	No data	No data	No data	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	Organic, Pesticides, Organochlorine compounds	789-02-6	No data	No data	No data	No data	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane and metabolites	Organic, Pesticides, Organochlorine compounds	No data	No data	0.001	1987	No data	No data	No data
Dichlorobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-27-4	No data	Insufficient data	1992	No data	Insufficient data	1992
Dichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-09-2	No data	98.1	1992	No data	Insufficient data	1992
Dichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	0.2	1987	No data	No data	No data
2,4-Dichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data	No data	No data	No data	No data
Diclofop-methyl	Organic, Pesticides	51338-27-3	No data	6.1	1993	No data	No data	No data
Didecyl dimethyl ammonium chloride	Organic, Pesticides	7173-51-5	No data	1.5	1999	No data	Insufficient data	1999

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Dieldrin	Organic, Pesticides, Organochlorine compounds	60-57-1	No data	0.004	No data	No data	No data	No data
Diethylene glycol	Organic, Glycols	111-46-6	No data	Insufficient data	1997	No data	Insufficient data	1997
Diisopropanolamine	Organic	110-97-4	No data	1,600	2005	No data	Insufficient data	2005
Dimethoate	Organic, Pesticides, Organophosphorus compounds	60-51-5	No data	6.2	1993	No data	Insufficient data	1993
Dinoseb	Pesticides	88-85-7	No data	0.05	1992	No data	No data	No data
1,4-Dioxane		123-91-1	NRG	NRG	2008	NRG	NRG	2008
Dissolved gas supersaturation	Physical	No data	No data	Narrative	1999	No data	Narrative	1999
Dissolved oxygen	Inorganic	No data	No data	Variable	1999	No data	>8000 & Narrative	1996
Endosulfan	Organic, Pesticides, Organochlorine compounds	115-29-7	0.06	0.003	2010	0.09	0.002	2010
Endrin	Organic, Pesticides, Organochlorine compounds	72-20-8	No data	0.0022	1987	No data	No data	No data
Ethylbenzene	Organic, Monocyclic aromatic compounds	100-41-4	No data	90	1996	No data	25	1996
Ethylene glycol	Organic, Glycols	107-21-1	No data	192 000	1997	No data	Insufficient data	1997
Fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	206-44-0	No data	0.04	1999	No data	Insufficient data	1999
Fluorene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	86-73-7	No data	3	1999	No data	Insufficient data	1999
Fluoride	Inorganic	16984-48-8	No data	120	2002	No data	NRG	2002
Glyphosate	Organic, Pesticides, Organophosphorus compounds	1071-83-6	27,000	800	2012	NRG	NRG	2012
Heptachlor	Organic, Pesticides, Organochlorine compounds	76-44-8	No data	0.01	1987	No data	No data	No data
Hexachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	118-74-1	No data	Insufficient data	1997	No data	Insufficient data	1997
Hexachlorobutadiene	Organic, Halogenated aliphatic compounds	87-68-3	No data	1.3	1999	No data	No data	No data
Hexachlorocyclohexane	Organic, Pesticides, Organochlorine compounds	58-89-9	No data	0.01	1987	No data	No data	No data
Imidacloprid		13826-41-3	No data	0.23	2007	No data	0.65	2007
Indeno(1,2,3-c,d)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	193-39-5	No data	No data	No data	No data	No data	No data
3-Iodo-2-propynyl butyl carbamate	Organic, Pesticides, Carbamate pesticides	55406-53-6	No data	1.9	1999	No data	No data	No data
Iron	Inorganic, Metals	7439-89-6	No data	300	1987	No data	No data	No data
Lead	Inorganic, Metals	7439-92-1	No data	Equation	1987	No data	No data	No data
Linuron	Organic, Pesticides	41205-21-4	No data	7	1995	No data	No data	1995

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Lithium	Inorganic, Metals	7439-93-2	No data	No data	No data	No data	No data	No data
Manganese	Inorganic, Metals	7439-96-5	Equation	Variable	2019	No data	No data	No data
Mercury	Inorganic, Metals	7439-97-6	No data	0.026	2003	No data	0.016	2003
Methanol	Organotins	67-56-1	No data	No data	No data	No data	No data	No data
Methoprene		40596-69-8	No data	0.09 (Target Organism Management value: 0.53)	2007	No data	Insufficient data	2007
2-Methylnaphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-57-6	No data	No data	No data	No data	No data	No data
Methyl tertiary-butyl ether	Organic, Non-halogenated aliphatic compounds, Aliphatic ether	1634-04-4	No data	10 000	2003	No data	5 000	2003
Methylchlorophenoxyacetic acid (4-Chloro-2-methyl phenoxy acetic acid; 2-Methyl-4-chloro phenoxy acetic acid)	Organic, Pesticides	94-74-6	No data	2.6	1995	No data	4.2	1995
Methylmercury	Organic	22967-92-6	No data	0.004	2003	No data	NRG	2003
Metolachlor	Organic, Pesticides, Organochlorine compounds	51218-45-2	No data	7.8	1991	No data	No data	No data
Metribuzin	Pesticides, Triazine compounds	21087-64-9	No data	1,0	1990	No data	No data	No data
Molybdenum	Inorganic, Metals	7439-98-7	No data	73	1999	No data	No data	No data
Monobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-83-9	No data	Insufficient data	1992	No data	Insufficient data	1992
Monochlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-90-7	No data	1.3	1997	No data	25	1997
Monochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-87-3	No data	Insufficient data	1992	No data	Insufficient data	1992
Monochlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	25167-80-0	No data	7	1987	No data	No data	No data
n-hexane	Aliphatic hydrocarbon	110-54-3	No data	No data	No data	No data	No data	No data
Naphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-20-3	No data	1,1	1999	No data	1,4	1999
Nickel	Inorganic, Metals	7440-02-0	No data	Equation	1987	No data	No data	No data
Nitrate	Inorganic, Inorganic nitrogen compounds	14797-55-8	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
Nitrate + Nitrite	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data	No data
Nitrite	Inorganic, Inorganic nitrogen compounds	14797-65-0	No data	60 NO ₂ -N	1987	No data	No data	No data
Nitrite + Nitrate [See Nitrate + Nitrite]	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data	No data
Nonylphenol and its ethoxylates	Organic, Nonylphenol and its ethoxylates	84852-15-3	No data	1	2002	No data	0,7	2002
Nuisance organisms	Biological	No data	No data	No data	No data	No data	No data	No data

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Nutrients		No data	No data	Guidance Framework	2004	No data	Guidance framework	2007
Pentachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	608-93-5	No data	6	1997	No data	Insufficient data	1997
Pentachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	87-86-5	No data	0.5	1987	No data	No data	No data
Permethrin	Organic, Pesticides, Organochlorine compounds	52645-53-1	No data	0.004	2006	No data	0.001	2006
pH	Inorganic, Acidity, alkalinity and ph	No data	No data	6.5 to 9.0	1987	No data	7.0 to 8.7 & Narrative	1996
Phenanthrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	1985-01-08	No data	0.4	1999	No data	Insufficient data	1999
Phenolic compounds, nonchlorinated	Organic, Non-halogenated aromatic hydroxy compounds	No data	No data	No data	No data	No data	No data	No data
Phenols (mono- & dihydric)	Organic, Aromatic hydroxy compounds	108-95-2	No data	4	1999	No data	No data	No data
Phenoxy herbicides	Organic, Pesticides	No data	No data	4	1987	No data	No data	No data
Phosphorus	Inorganic	7723-14-0	No data	Guidance Framework	2004	No data	Guidance Framework	2007
Phthalic acid esters (each)	Organic, Phthalate esters	No data	No data	No data	No data	No data	No data	No data
Picloram	Organic, Pesticides	1918-02-1	No data	29	1990	No data	No data	No data
Polychlorinated biphenyls	Organic, Polyaromatic compounds, Polychlorinated biphenyls	1336-36-3	No data	0.001	1987	No data	0.01	1991
Polychlorinated dibenzo-p-dioxins/dibenzo furans	Organic, Polyaromatic compounds, Polychlorinated dioxins and furans	No data	No data	No data	No data	No data	No data	No data
Propylene glycol	Organic, Glycols	57-55-6	No data	500,000	1997	No data	Insufficient data	1997
Pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	129-00-0	No data	0.025	1999	No data	Insufficient data	1999
Quinoline	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-22-5	No data	3.4	1999	No data	Insufficient data	1999
Salinity	Physical	No data	No data	No data	No data	No data	Narrative	1996
Selenium	Inorganic, Metals	7782-49-2	No data	1	1987	No data	No data	No data
Silver	Inorganic, Metals	7440-22-4	NRG	0.25	2015	7.5	NRG	2015
Simazine	Pesticides, Triazine compounds	122-34-9	No data	10	1991	No data	NRG	No data
Sodium adsorption ratio		No data	No data	No data	No data	No data	No data	No data
Streambed substrate	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	Narrative	1999	No data	Narrative	1999
Styrene	Organic, Monocyclic aromatic compounds	100-42-5	No data	72	1999	No data	No data	No data
Sulfolane	Organic, Organic sulphur compound	126-33-0	No data	50,000	2005	No data	Insufficient data	2005
Sulphate	Inorganic, Inorganic sulphur compounds	18785-72-3	No data	No data	No data	No data	No data	No data
Sulphur (elemental)	Inorganic, Inorganic sulphur compounds	9073-75-0	No data	No data	No data	No data	No data	No data

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Suspended sediments	Physical, Turbidity, clarity and suspended solids, Total particulate matter	<i>No data</i>	<i>No data</i>	Narrative	1999	<i>No data</i>	Narrative	1999
Tebuthiuron	Organic, Pesticides	34014-18-1	<i>No data</i>	1.6	1995	<i>No data</i>	Insufficient data	1995
Temperature	Physical, Temperature	<i>No data</i>	<i>No data</i>	Narrative	1987	<i>No data</i>	Narrative	1996
Tetrachloroethene	Organic, Halogenated aliphatic compounds, Halogenated methanes	127-18-4	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
1,2,3,4-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-66-2	<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	634-90-2	<i>No data</i>	Insufficient data	1997	<i>No data</i>	Insufficient data	1997
1,2,4,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-94-3	<i>No data</i>	Insufficient data	1997	<i>No data</i>	Insufficient data	1997
1,1,2,2-Tetrachloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-34-5	<i>No data</i>	Insufficient data	1991	<i>No data</i>	Insufficient data	1991
1,1,2,2-Tetrachloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	127-18-4	<i>No data</i>	110	1993	<i>No data</i>	Insufficient data	1993
Tetrachloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	56-23-5	<i>No data</i>	13.3	1992	<i>No data</i>	Insufficient data	1992
Tetrachlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	<i>No data</i>	<i>No data</i>	1	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
2,3,4,6-Tetrachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	58-90-2	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Thallium	Inorganic, Metals	7440-28-0	<i>No data</i>	0.8	1999	<i>No data</i>	<i>No data</i>	<i>No data</i>
Thiophene	Miscellaneous organic compound	110-02-1	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Tin	Inorganic, Metals	7440-31-5	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Toluene	Organic, Monocyclic aromatic compounds	108-88-3	<i>No data</i>	2	1996	<i>No data</i>	215	1996
Total dissolved solids (salinity)	Physical, Turbidity, clarity and suspended solids	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Toxaphene	Organic, Pesticides, Organochlorine compounds	8001-35-2	<i>No data</i>	0.008	1987	<i>No data</i>	<i>No data</i>	<i>No data</i>
Triallate	Organic, Pesticides, Carbamate pesticides	2303-17-5	<i>No data</i>	0.24	1992	<i>No data</i>	<i>No data</i>	<i>No data</i>
Tribromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-25-2	<i>No data</i>	Insufficient data	1992	<i>No data</i>	Insufficient data	1992
Tributyltin	Organic, Organotin compounds, Organotins	688-73-3	<i>No data</i>	0.008	1992	<i>No data</i>	0.001	1992
Trichlorfon		52-68-6	1.1	0.009	2012	NRG	NRG	2012
1,2,3-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	87-61-6	<i>No data</i>	8	1997	<i>No data</i>	Insufficient data	1997
1,2,4-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	120-82-1	<i>No data</i>	24	1997	<i>No data</i>	5.4	1997

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/L) Short Term	Concentration (µg/L) Long Term	Date	Concentration (µg/L) Short Term	Concentration (µg/L) Long Term	Date
1,3,5-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-70-3	No data	Insufficient data	1997	No data	Insufficient data	1997
1,1,1-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	71-55-6	No data	Insufficient data	1991	No data	Insufficient data	1991
1,1,2-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-00-5	No data	No data	No data	No data	No data	No data
1,1,2-Trichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	79-01-6	No data	21	1991	No data	Insufficient data	1991
2,4,6-Trichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	1988-06-02	No data	No data	No data	No data	No data	No data
Trichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	67-66-3	No data	1.8	1992	No data	Insufficient data	1992
Trichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	18	1987	No data	No data	No data
Tricyclohexyltin	Organic, Organotin compounds, Organotins	3047-10-7	No data	Insufficient data	1992	No data	Insufficient data	1992
Trifluralin	Organic, Pesticides, Dinitroaniline pesticides	1582-09-8	No data	0.2	1993	No data	No data	No data
Triphenyltin	Organic, Organotin compounds, Organotins	892-20-6	No data	0.022	1992	No data	No data	1992
Turbidity	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	Narrative	1999	No data	Narrative	1999
Uranium	Inorganic, Metals	7440-61-1	33	15	2011	NRG	NRG	2011
Vanadium	Inorganic, Metals	7440-62-2	No data	No data	No data	No data	No data	No data
Xylene	Organic, Monocyclic aromatic compounds	1330-20-7	No data	No data	No data	No data	No data	No data
Zinc	Inorganic, Metals	7440-66-6	Equation	Equation	2018	Not assessed	Not assessed	2018

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
Acenaphthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	83-32-9	No data	No data	No data	No data
Acenaphthylene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	208-96-8	No data	No data	No data	No data
Acridine	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	260-94-6	No data	No data	No data	No data
Aldicarb	Organic, Pesticides, Carbamate pesticides	116-06-3	54.9	1993	No data	1993
Aldrin	Organic, Pesticides, Organochlorine compounds	309-00-2	No data	No data	No data	No data
Aliphatics nonchlorinated (each)	Organic, Non-halogenated aliphatic compounds	No data	No data	No data	No data	No data
Aluminium	Inorganic, Metals	7429-90-5	5,000	1987	No data	1987
Ammonia (total)	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data
Ammonia (un-ionized)	Inorganic nitrogen compounds	7664-41-7	No data	No data	No data	No data
Aniline	Organic	62-53-3	Insufficient data	1993	No data	1993
Anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	120-12-7	No data	No data	No data	No data
Antimony	Inorganic, Metals	7440-36-0	No data	No data	No data	No data
Aroclor 1254	Organic, Polyaromatic compounds, Polychlorinated biphenyls	11097-69-1	No data	No data	No data	No data
Arsenic	Inorganic, Metals	7440-38-2	100	1997	No data	1997
Atrazine	Organic, Pesticides, Triazine compounds	1912-24-9	10	1989	No data	1989
Barium	Inorganic, Metals	7440-39-3	No data	No data	No data	No data
Benz(a)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	56-55-3	No data	No data	No data	No data
Benzene	Organic, Monocyclic aromatic compounds	71-43-2	No data	No data	No data	No data
Benzo(a)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	50-32-8	No data	No data	No data	No data
Benzo(b)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	205-99-2	No data	No data	No data	No data
Benzo(k)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	207-08-9	No data	No data	No data	No data
Beryllium	Inorganic, Metals	7440-41-7	100	1987	No data	1987
Boron	Inorganic, Metals	7440-42-8	Variable	1987	No data	1987
Bromacil	Organic, Pesticides	314-40-9	0.2	1997	No data	1997
Bromoxynil	Organic, Pesticides, Benzonitrile compounds	1689-84-5	0.33	1993	No data	1993
Cadmium	Inorganic, Metals	7440-43-9	5.1	1996	No data	1996

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
Calcium	Inorganic, Metals	7440-70-2	No data	No data	No data	1987
Carbamazepine		298-46-4	No data	No data	No data	No data
Carbaryl	Organic, Pesticides, Carbamate pesticides	63-25-2	Insufficient data	1997	No data	1997
Carbofuran	Organic, Pesticides, Carbamate pesticides	1563-66-2	Insufficient data	1989	No data	1989
Chlordane	Organic, Pesticides, Organochlorine compounds	57-74-9	No data	No data	No data	1987
Chloride	Inorganic	16887-00-6	Variable	1987	No data	No data
Chlorine, Reactive Species	Inorganic, Reactive chlorine compounds	No data	No data	No data	No data	No data
Chlorothalonil	Organic, Pesticides	1897-45-6	5.8 (other crops)	1994	No data	1994
Chlorpyrifos	Organic, Pesticides	2921-88-2	Insufficient data	1997	No data	1997
Chromium (total)	Inorganic, Metals	7440-47-3	No data	No data	No data	No data
Chromium, hexavalent (Cr(VI))	Inorganic, Metals	7440-47-3	8	1997	No data	1997
Chromium, trivalent (Cr(III))	Inorganic, Metals	7440-47-3	4.9	1997	No data	1997
Chrysene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	218-01-9	No data	No data	No data	No data
Cobalt	Inorganic, Metals	7440-48-4	50	1987	No data	1987
Coliforms, fecal (Escherichia coli)	Biological	No data	100 per 100 mL	1987	No data	No data
Coliforms, total	Biological	No data	1,000 per 100 mL	1987	No data	No data
Colour	Physical	No data	No data	No data	No data	1999
Conductivity	Physical	No data	No data	No data	No data	No data
Copper	Inorganic, Metals	7440-50-8	Variable	1987	No data	1987
Cyanazine	Organic, Pesticides, Triazine compounds	21725-46-2	0.5	1990	No data	1990
Cyanide	Inorganic	57-12-5	No data	No data	No data	No data
Cyanobacteria	Biological	No data	No data	No data	No data	1999
Debris (marine)	Physical	No data	No data	No data	No data	No data
Deltamethrin	Organic, Pesticides	52918-63-5	Insufficient data	1997	No data	1997
Deposited bedload sediment	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data
1,2-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-50-1	Insufficient data	1997	No data	1997
1,3-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	541-73-1	Insufficient data	1997	No data	1997
1,4-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	106-46-7	Insufficient data	1997	No data	1997

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
1,1-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	75-34-3	No data	No data	No data	No data
1,1-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	75-35-4	No data	No data	No data	No data
1,2-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	107-06-2	Insufficient data	1991	No data	1991
1,2-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	No data	No data	No data	No data	No data
1,2-Dichloropropane	Organic, Halogenated aliphatic compounds, Halogenated methanes	78-87-5	No data	No data	No data	No data
1,2-Dichloropropene (cis and trans)	Organic, Halogenated aliphatic compounds, Halogenated methanes	563-54-2	No data	No data	No data	No data
Di-n-butyl phthalate	Organic, Phthalate esters	84-74-2	No data	No data	No data	No data
Di-n-octyl phthalate	Organic, Phthalate esters	117-84-0	No data	No data	No data	No data
Di(2-ethylhexyl) phthalate	Organic, Phthalate esters	117-81-7	No data	No data	No data	No data
Dibenz(a,h)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	53-70-3	No data	No data	No data	No data
Dibromochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	124-48-1	Insufficient data	1992	No data	1992
Dicamba	Organic, Pesticides, Aromatic carboxylic acid	1918-00-9	0.006	1993	No data	1993
Dichloro diphenyl dichloroethane, 2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	Organic, Pesticides, Organochlorine compounds	72-54-8	No data	No data	No data	No data
Dichloro diphenyl ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene	Organic, Pesticides, Organochlorine compounds	72-55-9	No data	No data	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	Organic, Pesticides, Organochlorine compounds	789-02-6	No data	No data	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane and metabolites	Organic, Pesticides, Organochlorine compounds	No data	No data	No data	No data	1987
Dichlorobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-27-4	Insufficient data	1992	No data	1992
Dichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-09-2	Insufficient data	1992	No data	1992
Dichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data	No data	No data
2,4-Dichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data	No data	No data
Diclofop-methyl	Organic, Pesticides	51338-27-3	0.18	1993	No data	1993
Didecyl dimethyl ammonium chloride	Organic, Pesticides	7173-51-5	No data	No data	No data	No data
Dieldrin	Organic, Pesticides, Organochlorine compounds	60-57-1	No data	No data	No data	No data
Diethylene glycol	Organic, Glycols	111-46-6	Insufficient data	1997	No data	1997

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
Diisopropanolamine	Organic	110-97-4	2,000	2006	No data	2006
Dimethoate	Organic, Pesticides, Organophosphorus compounds	60-51-5	Insufficient data	1993	No data	1993
Dinoseb	Pesticides	88-85-7	16	1992	No data	1992
1,4-Dioxane		123-91-1	No data	No data	No data	No data
Dissolved gas supersaturation	Physical	No data	No data	No data	No data	No data
Dissolved oxygen	Inorganic	No data	No data	No data	No data	No data
Endosulfan	Organic, Pesticides, Organochlorine compounds	115-29-7	No data	No data	No data	No data
Endrin	Organic, Pesticides, Organochlorine compounds	72-20-8	No data	No data	No data	1987
Ethylbenzene	Organic, Monocyclic aromatic compounds	100-41-4	Insufficient data	1996	No data	1996
Ethylene glycol	Organic, Glycols	107-21-1	Insufficient data	1997	No data	1997
Fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	206-44-0	No data	No data	No data	No data
Fluorene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	86-73-7	No data	No data	No data	No data
Fluoride	Inorganic	16984-48-8	1000	1987	No data	1987
Glyphosate	Organic, Pesticides, Organophosphorus compounds	1071-83-6	No data	No data	No data	1989
Heptachlor	Organic, Pesticides, Organochlorine compounds	76-44-8	No data	No data	No data	1987
Hexachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	118-74-1	Insufficient data	1997	No data	1991
Hexachlorobutadiene	Organic, Halogenated aliphatic compounds	87-68-3	No data	No data	No data	No data
Hexachlorocyclohexane	Organic, Pesticides, Organochlorine compounds	58-89-9	No data	No data	No data	1987
Imidacloprid		13826-41-3	No data	No data	No data	No data
Indeno(1,2,3-c,d)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	193-39-5	No data	No data	No data	No data
3-Iodo-2-propynyl butyl carbamate	Organic, Pesticides, Carbamate pesticides	55406-53-6	No data	No data	No data	No data
Iron	Inorganic, Metals	7439-89-6	5000	1987	No data	No data
Lead	Inorganic, Metals	7439-92-1	200	1987	No data	1987
Linuron	Organic, Pesticides	41205-21-4	0.071	1995	No data	1995
Lithium	Inorganic, Metals	7439-93-2	2500	1987	No data	No data
Manganese	Inorganic, Metals	7439-96-5	200	1987	No data	No data
Mercury	Inorganic, Metals	7439-97-6	No data	No data	No data	1987

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
Methanol	Organotins	67-56-1	No data	No data	No data	No data
Methoprene		40596-69-8	No data	No data	No data	No data
2-Methylnaphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-57-6	No data	No data	No data	No data
Methyl tertiary-butyl ether	Organic, Non-halogenated aliphatic compounds, Aliphatic ether	1634-04-4	No data	No data	No data	No data
Methylchlorophenoxyacetic acid (4- Chloro-2-methyl phenoxy acetic acid; 2- Methyl-4-chloro phenoxy acetic acid)	Organic, Pesticides	94-74-6	0.025	1995	No data	1995
Methylmercury	Organic	22967-92-6	No data	No data	No data	No data
Metolachlor	Organic, Pesticides, Organochlorine compounds	51218-45-2	28	1991	No data	1991
Metribuzin	Pesticides, Triazine compounds	21087-64-9	0.5	1990	No data	1990
Molybdenum	Inorganic, Metals	7439-98-7	Narrative	1987	No data	1987
Monobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-83-9	Insufficient data	1992	No data	1992
Monochlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-90-7	Insufficient data	1997	No data	1997
Monochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-87-3	Insufficient data	1992	No data	1992
Monochlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	25167-80-0	No data	No data	No data	No data
n-hexane	Aliphatic hydrocarbon	110-54-3	No data	No data	No data	No data
Naphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-20-3	No data	No data	No data	No data
Nickel	Inorganic, Metals	7440-02-0	200	1987	No data	1987
Nitrate	Inorganic, Inorganic nitrogen compounds	14797-55-8	No data	No data	No data	No data
Nitrate + Nitrite	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	1987
Nitrite	Inorganic, Inorganic nitrogen compounds	14797-65-0	No data	No data	No data	1987
Nitrite + Nitrate [See Nitrate + Nitrite]	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data
Nonylphenol and its ethoxylates	Organic, Nonylphenol and its ethoxylates	84852-15-3	No data	No data	No data	No data
Nuisance organisms	Biological	No data	No data	No data	No data	No data
Nutrients		No data	No data	No data	No data	No data
Pentachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	608-93-5	Insufficient data	1997	No data	1997
Pentachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	87-86-5	No data	No data	No data	No data
Permethrin	Organic, Pesticides, Organochlorine compounds	52645-53-1	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
pH	Inorganic, Acidity, alkalinity and ph	No data	No data	No data	No data	No data
Phenanthrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	1985-01-08	No data	No data	No data	No data
Phenolic compounds, nonchlorinated	Organic, Non-halogenated aromatic hydroxy compounds	No data	No data	No data	No data	No data
Phenols (mono- & dihydric)	Organic, Aromatic hydroxy compounds	108-95-2	No data	No data	No data	1987
Phenoxy herbicides	Organic, Pesticides	No data	No data	No data	No data	1987
Phosphorus	Inorganic	7723-14-0	No data	No data	No data	No data
Phthalic acid esters (each)	Organic, Phthalate esters	No data	No data	No data	No data	No data
Picloram	Organic, Pesticides	1918-02-1	Insufficient data	1990	No data	1990
Polychlorinated biphenyls	Organic, Polyaromatic compounds, Polychlorinated biphenyls	1336-36-3	No data	No data	No data	No data
Polychlorinated dibenzo-p- dioxins/dibenzo furans	Organic, Polyaromatic compounds, Polychlorinated dioxins and furans	No data	No data	No data	No data	No data
Propylene glycol	Organic, Glycols	57-55-6	Insufficient data	1997	No data	1997
Pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	129-00-0	No data	No data	No data	No data
Quinoline	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-22-5	No data	No data	No data	No data
Salinity	Physical	No data	No data	No data	No data	No data
Selenium	Inorganic, Metals	7782-49-2	Variable	1987	No data	1987
Silver	Inorganic, Metals	7440-22-4	No data	No data	No data	No data
Simazine	Pesticides, Triazine compounds	122-34-9	0.5	1991	No data	1991
Sodium adsorption ratio		No data	No data	No data	No data	No data
Streambed substrate	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data
Styrene	Organic, Monocyclic aromatic compounds	100-42-5	No data	No data	No data	No data
Sulfolane	Organic, Organic sulphur compound	126-33-0	500	2005	No data	2005
Sulphate	Inorganic, Inorganic sulphur compounds	18785-72-3	No data	No data	No data	1987
Sulphur (elemental)	Inorganic, Inorganic sulphur compounds	9073-75-0	No data	No data	No data	No data
Suspended sediments	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data
Tebuthiuron	Organic, Pesticides	34014-18-1	0.27 (cereals, tame hays, and pastures)	1995	No data	1995
Temperature	Physical, Temperature	No data	No data	No data	No data	No data
Tetrachloroethene	Organic, Halogenated aliphatic compounds, Halogenated methanes	127-18-4	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
1,2,3,4-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-66-2	Insufficient data	1997	No data	1997
1,2,3,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-90-2	Insufficient data	1997	No data	1997
1,2,4,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-94-3	Insufficient data	1997	No data	1997
1,1,2,2-Tetrachloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-34-5	Insufficient data	1991	No data	1991
1,1,2,2-Tetrachloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	127-18-4	Insufficient data	1993	No data	1993
Tetrachloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	56-23-5	Insufficient data	1992	No data	1992
Tetrachlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	No data	No data	No data
2,3,4,6-Tetrachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	58-90-2	No data	No data	No data	No data
Thallium	Inorganic, Metals	7440-28-0	No data	No data	No data	No data
Thiophene	Miscellaneous organic compound	110-02-1	No data	No data	No data	No data
Tin	Inorganic, Metals	7440-31-5	No data	No data	No data	No data
Toluene	Organic, Monocyclic aromatic compounds	108-88-3	Insufficient data	1996	No data	1996
Total dissolved solids (salinity)	Physical, Turbidity, clarity and suspended solids	No data	Variable	1987	No data	1987
Toxaphene	Organic, Pesticides, Organochlorine compounds	8001-35-2	No data	No data	No data	1987
Triallate	Organic, Pesticides, Carbamate pesticides	2303-17-5	Insufficient data	1992	No data	1992
Tribromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-25-2	Insufficient data	1992	No data	1992
Tributyltin	Organic, Organotin compounds, Organotins	688-73-3	Insufficient data	1992	No data	1992
Trichlorfon		52-68-6	No data	No data	No data	No data
1,2,3-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	87-61-6	Insufficient data	1997	No data	1997
1,2,4-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	120-82-1	Insufficient data	1997	No data	1997
1,3,5-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-70-3	Insufficient data	1997	No data	1997
1,1,1-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	71-55-6	Insufficient data	1991	No data	1991
1,1,2-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-00-5	No data	No data	No data	No data
1,1,2-Trichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	79-01-6	Insufficient data	1991	No data	1991

Chemical Name	Chemical Groups	CASRN	Water Quality Guidelines for the Protection of Agriculture			
			Irrigation		Livestock	
			Concentration (µg/L)	Date	Concentration (µg/L)	Date
2,4,6-Trichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	1988-06-02	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Trichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	67-66-3	Insufficient data	1992	<i>No data</i>	1992
Trichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Tricyclohexyltin	Organic, Organotin compounds, Organotins	3047-10-7	Insufficient data	1992	<i>No data</i>	1992
Trifluralin	Organic, Pesticides, Dinitroaniline pesticides	1582-09-8	Insufficient data	1992	<i>No data</i>	1992
Triphenyltin	Organic, Organotin compounds, Organotins	892-20-6	Insufficient data	1992	<i>No data</i>	1992
Turbidity	Physical, Turbidity, clarity and suspended solids, Total particulate matter	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Uranium	Inorganic, Metals	7440-61-1	10	1987	<i>No data</i>	1987
Vanadium	Inorganic, Metals	7440-62-2	100	1987	<i>No data</i>	1987
Xylene	Organic, Monocyclic aromatic compounds	1330-20-7	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Zinc	Inorganic, Metals	7440-66-6	Equation	1987	<i>No data</i>	1987

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Acenaphthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	83-32-9	6.71	88.9	1998	6.71	88.9	1998
Acenaphthylene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	208-96-8	5.87	128	1998	5.87	128	1998
Acridine	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	260-94-6	No data	No data	No data	No data	No data	No data
Aldicarb	Organic, Pesticides, Carbamate pesticides	116-06-3	No data	No data	No data	No data	No data	No data
Aldrin	Organic, Pesticides, Organochlorine compounds	309-00-2	No data	No data	No data	No data	No data	No data
Aliphatics nonchlorinated (each)	Organic, Non-halogenated aliphatic compounds	No data	No data	No data	No data	No data	No data	No data
Aluminium	Inorganic, Metals	7429-90-5	No data	No data	No data	No data	No data	No data
Ammonia (total)	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data	No data
Ammonia (un-ionized)	Inorganic nitrogen compounds	7664-41-7	No data	No data	No data	No data	No data	No data
Aniline	Organic	62-53-3	No data	No data	No data	No data	No data	No data
Anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	120-12-7	46.9	245	1998	46.9	245	1998
Antimony	Inorganic, Metals	7440-36-0	No data	No data	No data	No data	No data	No data
Aroclor 1254	Organic, Polyaromatic compounds, Polychlorinated biphenyls	11097-69-1	60	340	2001	63.3	709	2001
Arsenic	Inorganic, Metals	7440-38-2	5900	17 000	1998	7240	41 600	1998
Atrazine	Organic, Pesticides, Triazine compounds	1912-24-9	No data	No data	No data	No data	No data	No data
Barium	Inorganic, Metals	7440-39-3	No data	No data	No data	No data	No data	No data
Benz(a)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	56-55-3	31.7	385	1998	74.8	693	1998
Benzene	Organic, Monocyclic aromatic compounds	71-43-2	No data	No data	No data	No data	No data	No data
Benzo(a)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	50-32-8	31.9	782	1998	88.8	763	1998
Benzo(b)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	205-99-2	No data	No data	No data	No data	No data	No data
Benzo(k)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	207-08-9	No data	No data	No data	No data	No data	No data
Beryllium	Inorganic, Metals	7440-41-7	No data	No data	No data	No data	No data	No data
Boron	Inorganic, Metals	7440-42-8	No data	No data	No data	No data	No data	No data
Bromacil	Organic, Pesticides	314-40-9	No data	No data	No data	No data	No data	No data
Bromoxynil	Organic, Pesticides, Benzonitrile compounds	1689-84-5	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Cadmium	Inorganic, Metals	7440-43-9	600	3500	1997	700	4200	1997
Calcium	Inorganic, Metals	7440-70-2	No data	No data	No data	No data	No data	No data
Carbamazepine		298-46-4	No data	No data	No data	No data	No data	No data
Carbaryl	Organic, Pesticides, Carbamate pesticides	63-25-2	No data	No data	No data	No data	No data	No data
Carbofuran	Organic, Pesticides, Carbamate pesticides	1563-66-2	No data	No data	No data	No data	No data	No data
Chlordane	Organic, Pesticides, Organochlorine compounds	57-74-9	4.5	8.87	1998	2.26	4.79	1998
Chloride	Inorganic	16887-00-6	No data	No data	No data	No data	No data	No data
Chlorine, Reactive Species	Inorganic, Reactive chlorine compounds	No data	No data	No data	No data	No data	No data	No data
Chlorothalonil	Organic, Pesticides	1897-45-6	No data	No data	No data	No data	No data	No data
Chlorpyrifos	Organic, Pesticides	2921-88-2	No data	No data	No data	No data	No data	No data
Chromium (total)	Inorganic, Metals	7440-47-3	37 300	90 000	1998	52 300	160 000	1998
Chromium, hexavalent (Cr(VI))	Inorganic, Metals	7440-47-3	No data	No data	No data	No data	No data	No data
Chromium, trivalent (Cr(III))	Inorganic, Metals	7440-47-3	No data	No data	No data	No data	No data	No data
Chrysene	Organic, Polycyclic aromatic compounds, Polycyclic aromatic hydrocarbons	218-01-9	57.1	862	1998	108	846	1998
Cobalt	Inorganic, Metals	7440-48-4	No data	No data	No data	No data	No data	No data
Coliforms, fecal (Escherichia coli)	Biological	No data	No data	No data	No data	No data	No data	No data
Coliforms, total	Biological	No data	No data	No data	No data	No data	No data	No data
Colour	Physical	No data	No data	No data	No data	No data	No data	No data
Conductivity	Physical	No data	No data	No data	No data	No data	No data	No data
Copper	Inorganic, Metals	7440-50-8	35,700	197,000	1998	18,700	108,000	1998
Cyanazine	Organic, Pesticides, Triazine compounds	21725-46-2	No data	No data	No data	No data	No data	No data
Cyanide	Inorganic	57-12-5	No data	No data	No data	No data	No data	No data
Cyanobacteria	Biological	No data	No data	No data	No data	No data	No data	No data
Debris (marine)	Physical	No data	No data	No data	No data	No data	No data	No data
Deltamethrin	Organic, Pesticides	52918-63-5	No data	No data	No data	No data	No data	No data
Deposited bedload sediment	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data	No data
1,2-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-50-1	No data	No data	No data	No data	No data	No data
1,3-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	541-73-1	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
1,4-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	106-46-7	No data	No data	No data	No data	No data	No data
1,1-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	75-34-3	No data	No data	No data	No data	No data	No data
1,1-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	75-35-4	No data	No data	No data	No data	No data	No data
1,2-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	107-06-2	No data	No data	No data	No data	No data	No data
1,2-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	No data	No data	No data	No data	No data	No data	No data
1,2-Dichloropropane	Organic, Halogenated aliphatic compounds, Halogenated methanes	78-87-5	No data	No data	No data	No data	No data	No data
1,2-Dichloropropene (cis and trans)	Organic, Halogenated aliphatic compounds, Halogenated methanes	563-54-2	No data	No data	No data	No data	No data	No data
Di-n-butyl phthalate	Organic, Phthalate esters	84-74-2	No data	No data	No data	No data	No data	No data
Di-n-octyl phthalate	Organic, Phthalate esters	117-84-0	No data	No data	No data	No data	No data	No data
Di(2-ethylhexyl) phthalate	Organic, Phthalate esters	117-81-7	No data	No data	No data	No data	No data	No data
Dibenz(a,h)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	53-70-3	6.22	135	1998	6.22	135	1998
Dibromochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	124-48-1	No data	No data	No data	No data	No data	No data
Dicamba	Organic, Pesticides, Aromatic carboxylic acid	1918-00-9	No data	No data	No data	No data	No data	No data
Dichloro diphenyl dichloroethane, 2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	Organic, Pesticides, Organochlorine compounds	72-54-8	3.54 (Provisional: adoption of marine ISQG)	8.51 (Provisional: adoption of marine PEL)	1998	1.22	7.81	1998
Dichloro diphenyl ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene	Organic, Pesticides, Organochlorine compounds	72-55-9	1.42 (Provisional: adoption of marine ISQG)	6.75 (Provisional: adoption of marine PEL)	1998	2.07	374	1998
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	Organic, Pesticides, Organochlorine compounds	789-02-6	1.19 (Provisional: adoption of marine ISQG)	4.77 (Provisional: adoption of marine PEL)	1998	1.19	4.77	1998
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane and metabolites	Organic, Pesticides, Organochlorine compounds	No data	See table	See table	1998	See table	See table	1998
Dichlorobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-27-4	No data	No data	No data	No data	No data	No data
Dichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-09-2	No data	No data	No data	No data	No data	No data
Dichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data	No data	No data	No data	No data
2,4-Dichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Diclofop-methyl	Organic, Pesticides	51338-27-3	No data	No data	No data	No data	No data	No data
Didecyl dimethyl ammonium chloride	Organic, Pesticides	7173-51-5	No data	No data	No data	No data	No data	No data
Dieldrin	Organic, Pesticides, Organochlorine compounds	60-57-1	2.85	6.67	1998	0.71	4.3	1998
Diethylene glycol	Organic, Glycols	111-46-6	No data	No data	No data	No data	No data	No data
Diisopropanolamine	Organic	110-97-4	No data	No data	No data	No data	No data	No data
Dimethoate	Organic, Pesticides, Organophosphorus compounds	60-51-5	No data	No data	No data	No data	No data	No data
Dinoseb	Pesticides	88-85-7	No data	No data	No data	No data	No data	No data
1,4-Dioxane		123-91-1	No data	No data	No data	No data	No data	No data
Dissolved gas supersaturation	Physical	No data	No data	No data	No data	No data	No data	No data
Dissolved oxygen	Inorganic	No data	No data	No data	No data	No data	No data	No data
Endosulfan	Organic, Pesticides, Organochlorine compounds	115-29-7	No data	No data	No data	No data	No data	No data
Endrin	Organic, Pesticides, Organochlorine compounds	72-20-8	2.67	62.4	1998	2.67	62.4	1998
Ethylbenzene	Organic, Monocyclic aromatic compounds	100-41-4	No data	No data	No data	No data	No data	No data
Ethylene glycol	Organic, Glycols	107-21-1	No data	No data	No data	No data	No data	No data
Fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	206-44-0	111	2355	1998	113	1494	1998
Fluorene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	86-73-7	21.2	144	1998	21.2	144	1998
Fluoride	Inorganic	16984-48-8	No data	No data	No data	No data	No data	No data
Glyphosate	Organic, Pesticides, Organophosphorus compounds	1071-83-6	No data	No data	No data	No data	No data	No data
Heptachlor	Organic, Pesticides, Organochlorine compounds	76-44-8	0.6	2.74	1998	0.6	2.74	1998
Hexachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	118-74-1	No data	No data	No data	No data	No data	No data
Hexachlorobutadiene	Organic, Halogenated aliphatic compounds	87-68-3	No data	No data	No data	No data	No data	No data
Hexachlorocyclohexane	Organic, Pesticides, Organochlorine compounds	58-89-9	0.94	1.38	1998	0.32	0.99	1998
Imidacloprid		13826-41-3	No data	No data	No data	No data	No data	No data
Indeno(1,2,3-c,d)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	193-39-5	No data	No data	No data	No data	No data	No data
3-Iodo-2-propynyl butyl carbamate	Organic, Pesticides, Carbamate pesticides	55406-53-6	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Iron	Inorganic, Metals	7439-89-6	No data	No data	No data	No data	No data	No data
Lead	Inorganic, Metals	7439-92-1	35 000	91 300	1998	30 200	112 000	1998
Linuron	Organic, Pesticides	41205-21-4	No data	No data	No data	No data	No data	No data
Lithium	Inorganic, Metals	7439-93-2	No data	No data	No data	No data	No data	No data
Manganese	Inorganic, Metals	7439-96-5	No data	No data	No data	No data	No data	No data
Mercury	Inorganic, Metals	7439-97-6	170	486	1997	130	700	1997
Methanol	Organotins	67-56-1	No data	No data	No data	No data	No data	No data
Methoprene		40596-69-8	No data	No data	No data	No data	No data	No data
2-Methylnaphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-57-6	20.2	201	1998	20.2	201	1998
Methyl tertiary-butyl ether	Organic, Non-halogenated aliphatic compounds, Aliphatic ether	1634-04-4	No data	No data	No data	No data	No data	No data
Methylchlorophenoxyacetic acid (4- Chloro-2-methyl phenoxy acetic acid; 2- Methyl-4-chloro phenoxy acetic acid)	Organic, Pesticides	94-74-6	No data	No data	No data	No data	No data	No data
Methylmercury	Organic	22967-92-6	No data	No data	No data	No data	No data	No data
Metolachlor	Organic, Pesticides, Organochlorine compounds	51218-45-2	No data	No data	No data	No data	No data	No data
Metribuzin	Pesticides, Triazine compounds	21087-64-9	No data	No data	No data	No data	No data	No data
Molybdenum	Inorganic, Metals	7439-98-7	No data	No data	No data	No data	No data	No data
Monobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-83-9	No data	No data	No data	No data	No data	No data
Monochlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-90-7	No data	No data	No data	No data	No data	No data
Monochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-87-3	No data	No data	No data	No data	No data	No data
Monochlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	25167-80-0	No data	No data	No data	No data	No data	No data
n-hexane	Aliphatic hydrocarbon	110-54-3	No data	No data	No data	No data	No data	No data
Naphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-20-3	34.6	391	1998	34.6	391	1998
Nickel	Inorganic, Metals	7440-02-0	No data	No data	No data	No data	No data	No data
Nitrate	Inorganic, Inorganic nitrogen compounds	14797-55-8	No data	No data	No data	No data	No data	No data
Nitrate + Nitrite	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data	No data
Nitrite	Inorganic, Inorganic nitrogen compounds	14797-65-0	No data	No data	No data	No data	No data	No data
Nitrite + Nitrate [See Nitrate + Nitrite]	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Nonylphenol and its ethoxylates	Organic, Nonylphenol and its ethoxylates	84852-15-3	1400	No data	2002	1000	No data	2002
Nuisance organisms	Biological	No data	No data	No data	No data	No data	No data	No data
Nutrients		No data	No data	No data	No data	No data	No data	No data
Pentachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	608-93-5	No data	No data	No data	No data	No data	No data
Pentachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	87-86-5	No data	No data	No data	No data	No data	No data
Permethrin	Organic, Pesticides, Organochlorine compounds	52645-53-1	No data	No data	No data	No data	No data	No data
pH	Inorganic, Acidity, alkalinity and ph	No data	No data	No data	No data	No data	No data	No data
Phenanthrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	1985-01-08	41.9	515	1998	86.7	544	1998
Phenolic compounds, nonchlorinated	Organic, Non-halogenated aromatic hydroxy compounds	No data	No data	No data	No data	No data	No data	No data
Phenols (mono- & dihydric)	Organic, Aromatic hydroxy compounds	108-95-2	No data	No data	No data	No data	No data	No data
Phenoxy herbicides	Organic, Pesticides	No data	No data	No data	No data	No data	No data	No data
Phosphorus	Inorganic	7723-14-0	No data	No data	No data	No data	No data	No data
Phthalic acid esters (each)	Organic, Phthalate esters	No data	No data	No data	No data	No data	No data	No data
Picloram	Organic, Pesticides	1918-02-1	No data	No data	No data	No data	No data	No data
Polychlorinated biphenyls	Organic, Polyaromatic compounds, Polychlorinated biphenyls	1336-36-3	34.1	277	2001	21.5	189	2001
Polychlorinated dibenzo-p-dioxins/dibenzo furans	Organic, Polyaromatic compounds, Polychlorinated dioxins and furans	No data	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
Propylene glycol	Organic, Glycols	57-55-6	No data	No data	No data	No data	No data	No data
Pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	129-00-0	53	875	1998	153	1,398	1998
Quinoline	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-22-5	No data	No data	No data	No data	No data	No data
Salinity	Physical	No data	No data	No data	No data	No data	No data	No data
Selenium	Inorganic, Metals	7782-49-2	No data	No data	No data	No data	No data	No data
Silver	Inorganic, Metals	7440-22-4	No data	No data	No data	No data	No data	No data
Simazine	Pesticides, Triazine compounds	122-34-9	No data	No data	No data	No data	No data	No data
Sodium adsorption ratio		No data	No data	No data	No data	No data	No data	No data
Streambed substrate	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data	No data
Styrene	Organic, Monocyclic aromatic compounds	100-42-5	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Sulfolane	Organic, Organic sulphur compound	126-33-0	No data	No data	No data	No data	No data	No data
Sulphate	Inorganic, Inorganic sulphur compounds	18785-72-3	No data	No data	No data	No data	No data	No data
Sulphur (elemental)	Inorganic, Inorganic sulphur compounds	9073-75-0	No data	No data	No data	No data	No data	No data
Suspended sediments	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data	No data
Tebuthiuron	Organic, Pesticides	34014-18-1	No data	No data	No data	No data	No data	No data
Temperature	Physical, Temperature	No data	No data	No data	No data	No data	No data	No data
Tetrachloroethene	Organic, Halogenated aliphatic compounds, Halogenated methanes	127-18-4	No data	No data	No data	No data	No data	No data
1,2,3,4-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-66-2	No data	No data	No data	No data	No data	No data
1,2,3,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-90-2	No data	No data	No data	No data	No data	No data
1,2,4,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-94-3	No data	No data	No data	No data	No data	No data
1,1,2,2-Tetrachloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-34-5	No data	No data	No data	No data	No data	No data
1,1,2,2-Tetrachloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	127-18-4	No data	No data	No data	No data	No data	No data
Tetrachloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	56-23-5	No data	No data	No data	No data	No data	No data
Tetrachlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	No data	No data	No data	No data	No data
2,3,4,6-Tetrachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	58-90-2	No data	No data	No data	No data	No data	No data
Thallium	Inorganic, Metals	7440-28-0	No data	No data	No data	No data	No data	No data
Thiophene	Miscellaneous organic compound	110-02-1	No data	No data	No data	No data	No data	No data
Tin	Inorganic, Metals	7440-31-5	No data	No data	No data	No data	No data	No data
Toluene	Organic, Monocyclic aromatic compounds	108-88-3	No data	No data	No data	No data	No data	No data
Total dissolved solids (salinity)	Physical, Turbidity, clarity and suspended solids	No data	No data	No data	No data	No data	No data	No data
Toxaphene	Organic, Pesticides, Organochlorine compounds	8001-35-2	0.1	No PEL derived	2002	0.1	No PEL derived	2002
Triallate	Organic, Pesticides, Carbamate pesticides	2303-17-5	No data	No data	No data	No data	No data	No data
Tribromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-25-2	No data	No data	No data	No data	No data	No data
Tributyltin	Organic, Organotin compounds, Organotins	688-73-3	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Sediment Quality Guidelines for the Protection of Aquatic Life					
			Freshwater			Marine		
			Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date	Concentration (µg/kg dry weight) ISQG	Concentration (µg/kg dry weight) PEL	Date
Trichlorfon		52-68-6	No data	No data	No data	No data	No data	No data
1,2,3-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	87-61-6	No data	No data	No data	No data	No data	No data
1,2,4-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	120-82-1	No data	No data	No data	No data	No data	No data
1,3,5-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-70-3	No data	No data	No data	No data	No data	No data
1,1,1-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	71-55-6	No data	No data	No data	No data	No data	No data
1,1,2-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-00-5	No data	No data	No data	No data	No data	No data
1,1,2-Trichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	79-01-6	No data	No data	No data	No data	No data	No data
2,4,6-Trichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	1988-06-02	No data	No data	No data	No data	No data	No data
Trichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	67-66-3	No data	No data	No data	No data	No data	No data
Trichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	No data	No data	No data	No data	No data
Tricyclohexyltin	Organic, Organotin compounds, Organotins	3047-10-7	No data	No data	No data	No data	No data	No data
Trifluralin	Organic, Pesticides, Dinitroaniline pesticides	1582-09-8	No data	No data	No data	No data	No data	No data
Triphenyltin	Organic, Organotin compounds, Organotins	892-20-6	No data	No data	No data	No data	No data	No data
Turbidity	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data	No data
Uranium	Inorganic, Metals	7440-61-1	No data	No data	No data	No data	No data	No data
Vanadium	Inorganic, Metals	7440-62-2	No data	No data	No data	No data	No data	No data
Xylene	Organic, Monocyclic aromatic compounds	1330-20-7	No data	No data	No data	No data	No data	No data
Zinc	Inorganic, Metals	7440-66-6	123 000	315 000	1998	124 000	271 000	1998

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Acenaphthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	83-32-9	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Acenaphthylene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	208-96-8	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Acridine	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	260-94-6	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Aldicarb	Organic, Pesticides, Carbamate pesticides	116-06-3	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Aldrin	Organic, Pesticides, Organochlorine compounds	309-00-2	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Aliphatics nonchlorinated (each)	Organic, Non-halogenated aliphatic compounds	<i>No data</i>	0.3	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Aluminium	Inorganic, Metals	7429-90-5	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Ammonia (total)	Inorganic, Inorganic nitrogen compounds	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Ammonia (un-ionized)	Inorganic nitrogen compounds	7664-41-7	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Aniline	Organic	62-53-3	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	120-12-7	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Antimony	Inorganic, Metals	7440-36-0	20	20	40	40	1991
Aroclor 1254	Organic, Polyaromatic compounds, Polychlorinated biphenyls	11097-69-1	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Arsenic	Inorganic, Metals	7440-38-2	12	12	12	12	1997
Atrazine	Organic, Pesticides, Triazine compounds	1912-24-9	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Barium	Inorganic, Metals	7440-39-3	750	500	2000	2000	2013
Benz(a)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	56-55-3	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzene	Organic, Monocyclic aromatic compounds	71-43-2	Table	Table	Table	Table	2004
Benzo(a)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	50-32-8	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzo(b)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	205-99-2	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Benzo(k)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	207-08-9	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Beryllium	Inorganic, Metals	7440-41-7	4	4	8	8	2015
Boron	Inorganic, Metals	7440-42-8	2	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Bromacil	Organic, Pesticides	314-40-9	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Bromoxynil	Organic, Pesticides, Benzonitrile compounds	1689-84-5	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Cadmium	Inorganic, Metals	7440-43-9	1.4	10	22	22	1999

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Calcium	Inorganic, Metals	7440-70-2	No data	No data	No data	No data	No data
Carbamazepine		298-46-4	No data	No data	No data	No data	No data
Carbaryl	Organic, Pesticides, Carbamate pesticides	63-25-2	No data	No data	No data	No data	No data
Carbofuran	Organic, Pesticides, Carbamate pesticides	1563-66-2	No data	No data	No data	No data	No data
Chlordane	Organic, Pesticides, Organochlorine compounds	57-74-9	No data	No data	No data	No data	No data
Chloride	Inorganic	16887-00-6	No data	No data	No data	No data	No data
Chlorine, Reactive Species	Inorganic, Reactive chlorine compounds	No data	No data	No data	No data	No data	No data
Chlorothalonil	Organic, Pesticides	1897-45-6	No data	No data	No data	No data	No data
Chlorpyrifos	Organic, Pesticides	2921-88-2	No data	No data	No data	No data	No data
Chromium (total)	Inorganic, Metals	7440-47-3	64	64	87	87	1997
Chromium, hexavalent (Cr(VI))	Inorganic, Metals	7440-47-3	0.4	0.4	1.4	1.4	1999
Chromium, trivalent (Cr(III))	Inorganic, Metals	7440-47-3	No data	No data	No data	No data	No data
Chrysene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	218-01-9	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Cobalt	Inorganic, Metals	7440-48-4	40	50	300	300	1991
Coliforms, fecal (Escherichia coli)	Biological	No data	No data	No data	No data	No data	No data
Coliforms, total	Biological	No data	No data	No data	No data	No data	No data
Colour	Physical	No data	No data	No data	No data	No data	No data
Conductivity	Physical	No data	2 dS/m	2 dS/m	4 dS/m	4 dS/m	1991
Copper	Inorganic, Metals	7440-50-8	63	63	91	91	1999
Cyanazine	Organic, Pesticides, Triazine compounds	21725-46-2	No data	No data	No data	No data	No data
Cyanide	Inorganic	57-12-5	0.9	0.9	8	8	1997
Cyanobacteria	Biological	No data	No data	No data	No data	No data	No data
Debris (marine)	Physical	No data	No data	No data	No data	No data	No data
Deltamethrin	Organic, Pesticides	52918-63-5	No data	No data	No data	No data	No data
Deposited bedload sediment	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data
1,2-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-50-1	0.1	1	10	10	1991
1,3-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	541-73-1	0.1	1	10	10	1991
1,4-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	106-46-7	0.1	1	10	10	1991

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
1,1-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	75-34-3	0.1	5	50	50	1991
1,1-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	75-35-4	0.1	5	50	50	1991
1,2-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	107-06-2	0.1	5	50	50	1991
1,2-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	<i>No data</i>	0.1	5	50	50	1991
1,2-Dichloropropane	Organic, Halogenated aliphatic compounds, Halogenated methanes	78-87-5	0.1	5	50	50	1991
1,2-Dichloropropene (cis and trans)	Organic, Halogenated aliphatic compounds, Halogenated methanes	563-54-2	0.1	5	50	50	1991
Di-n-butyl phthalate	Organic, Phthalate esters	84-74-2	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Di-n-octyl phthalate	Organic, Phthalate esters	117-84-0	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Di(2-ethylhexyl) phthalate	Organic, Phthalate esters	117-81-7	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dibenz(a,h)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	53-70-3	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Dibromochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	124-48-1	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dicamba	Organic, Pesticides, Aromatic carboxylic acid	1918-00-9	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dichloro diphenyl dichloroethane, 2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	Organic, Pesticides, Organochlorine compounds	72-54-8	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dichloro diphenyl ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene	Organic, Pesticides, Organochlorine compounds	72-55-9	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	Organic, Pesticides, Organochlorine compounds	789-02-6	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane and metabolites	Organic, Pesticides, Organochlorine compounds	<i>No data</i>	0.7	0.7	12	12	1999
Dichlorobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-27-4	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-09-2	0.1	5	50	50	1991
Dichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	0.05	0.5	5	5	1991
2,4-Dichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	0.05	0.5	5	5	1991
Diclofop-methyl	Organic, Pesticides	51338-27-3	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Didecyl dimethyl ammonium chloride	Organic, Pesticides	7173-51-5	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Dieldrin	Organic, Pesticides, Organochlorine compounds	60-57-1	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Diethylene glycol	Organic, Glycols	111-46-6	No data	No data	No data	No data	No data
Diisopropanolamine	Organic	110-97-4	180	180	180	180	2006
Dimethoate	Organic, Pesticides, Organophosphorus compounds	60-51-5	No data	No data	No data	No data	No data
Dinoseb	Pesticides	88-85-7	No data	No data	No data	No data	No data
1,4-Dioxane		123-91-1	No data	No data	No data	No data	No data
Dissolved gas supersaturation	Physical	No data	No data	No data	No data	No data	No data
Dissolved oxygen	Inorganic	No data	No data	No data	No data	No data	No data
Endosulfan	Organic, Pesticides, Organochlorine compounds	115-29-7	No data	No data	No data	No data	No data
Endrin	Organic, Pesticides, Organochlorine compounds	72-20-8	No data	No data	No data	No data	No data
Ethylbenzene	Organic, Monocyclic aromatic compounds	100-41-4	Table	Table	Table	Table	2004
Ethylene glycol	Organic, Glycols	107-21-1	960	960	960	960	1999
Fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	206-44-0	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Fluorene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	86-73-7	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Fluoride	Inorganic	16984-48-8	200	400	2000	2000	1991
Glyphosate	Organic, Pesticides, Organophosphorus compounds	1071-83-6	No data	No data	No data	No data	No data
Heptachlor	Organic, Pesticides, Organochlorine compounds	76-44-8	No data	No data	No data	No data	No data
Hexachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	118-74-1	0.05	2	10	10	1991
Hexachlorobutadiene	Organic, Halogenated aliphatic compounds	87-68-3	No data	No data	No data	No data	No data
Hexachlorocyclohexane	Organic, Pesticides, Organochlorine compounds	58-89-9	0.01	No data	No data	No data	1991
Imidacloprid		13826-41-3	No data	No data	No data	No data	No data
Indeno(1,2,3-c,d)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	193-39-5	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2010
3-Iodo-2-propynyl butyl carbamate	Organic, Pesticides, Carbamate pesticides	55406-53-6	No data	No data	No data	No data	No data
Iron	Inorganic, Metals	7439-89-6	No data	No data	No data	No data	No data
Lead	Inorganic, Metals	7439-92-1	70	140	260	600	1999
Linuron	Organic, Pesticides	41205-21-4	No data	No data	No data	No data	No data
Lithium	Inorganic, Metals	7439-93-2	No data	No data	No data	No data	No data
Manganese	Inorganic, Metals	7439-96-5	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Mercury	Inorganic, Metals	7439-97-6	6.6	6.6	24	50	1999
Methanol	Organotins	67-56-1	Table	Table	Table	Table	2017
Methoprene		40596-69-8	No data	No data	No data	No data	No data
2-Methylnaphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-57-6	No data	No data	No data	No data	No data
Methyl tertiary-butyl ether	Organic, Non-halogenated aliphatic compounds, Aliphatic ether	1634-04-4	No data	No data	No data	No data	No data
Methylchlorophenoxyacetic acid (4- Chloro-2-methyl phenoxy acetic acid; 2- Methyl-4-chloro phenoxy acetic acid)	Organic, Pesticides	94-74-6	No data	No data	No data	No data	No data
Methylmercury	Organic	22967-92-6	No data	No data	No data	No data	No data
Metolachlor	Organic, Pesticides, Organochlorine compounds	51218-45-2	No data	No data	No data	No data	No data
Metribuzin	Pesticides, Triazine compounds	21087-64-9	No data	No data	No data	No data	No data
Molybdenum	Inorganic, Metals	7439-98-7	5	10	40	40	1991
Monobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-83-9	No data	No data	No data	No data	No data
Monochlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-90-7	0.1	1	10	10	1991
Monochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-87-3	No data	No data	No data	No data	No data
Monochlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	25167-80-0	0.05	0.5	5	5	1991
n-hexane	Aliphatic hydrocarbon	110-54-3	Table	Table	Table	Table	2011
Naphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-20-3	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Nickel	Inorganic, Metals	7440-02-0	45	45	89	89	2015
Nitrate	Inorganic, Inorganic nitrogen compounds	14797-55-8	No data	No data	No data	No data	No data
Nitrate + Nitrite	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data
Nitrite	Inorganic, Inorganic nitrogen compounds	14797-65-0	No data	No data	No data	No data	No data
Nitrite + Nitrate [See Nitrate + Nitrite]	Inorganic, Inorganic nitrogen compounds	No data	No data	No data	No data	No data	No data
Nonylphenol and its ethoxylates	Organic, Nonylphenol and its ethoxylates	84852-15-3	5.7	5.7	14	14	2002
Nuisance organisms	Biological	No data	No data	No data	No data	No data	No data
Nutrients		No data	No data	No data	No data	No data	No data
Pentachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	608-93-5	0.05	2	10	10	1991
Pentachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	87-86-5	7.6	7.6	7.6	7.6	1997

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Permethrin	Organic, Pesticides, Organochlorine compounds	52645-53-1	No data	No data	No data	No data	No data
pH	Inorganic, Acidity, alkalinity and ph	No data	6 to 8	6 to 8	6 to 8	6 to 8	1991
Phenanthrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	1985-01-08	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2008
Phenolic compounds, nonchlorinated	Organic, Non-halogenated aromatic hydroxy compounds	No data	0.1	1	10	10	1991
Phenols (mono- & dihydric)	Organic, Aromatic hydroxy compounds	108-95-2	3.8	3.8	3.8	3.8	1997
Phenoxy herbicides	Organic, Pesticides	No data	No data	No data	No data	No data	No data
Phosphorus	Inorganic	7723-14-0	No data	No data	No data	No data	No data
Phthalic acid esters (each)	Organic, Phthalate esters	No data	30	No data	No data	No data	1991
Picloram	Organic, Pesticides	1918-02-1	No data	No data	No data	No data	No data
Polychlorinated biphenyls	Organic, Polyaromatic compounds, Polychlorinated biphenyls	1336-36-3	0.5	1.3	33	33	1999
Polychlorinated dibenzo-p-dioxins/dibenzo furans	Organic, Polyaromatic compounds, Polychlorinated dioxins and furans	No data	4 ng TEQ.kg-1	4 ng TEQ.kg-1	4 ng TEQ.kg-1	4 ng TEQ.kg-1	2002
Propylene glycol	Organic, Glycols	57-55-6	insufficient information	insufficient information	insufficient information	insufficient information	2006
Pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	129-00-0	Consult Factsheet	Consult Factsheet	Consult Factsheet	Consult Factsheet	2010
Quinoline	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-22-5	0.1	No data	No data	No data	1991
Salinity	Physical	No data	No data	No data	No data	No data	No data
Selenium	Inorganic, Metals	7782-49-2	1	1	2.9	2.9	2009
Silver	Inorganic, Metals	7440-22-4	20	20	40	40	1991
Simazine	Pesticides, Triazine compounds	122-34-9	No data	No data	No data	No data	No data
Sodium adsorption ratio		No data	5	5	12	12	1991
Streambed substrate	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data
Styrene	Organic, Monocyclic aromatic compounds	100-42-5	0.1	5	50	50	1991
Sulfolane	Organic, Organic sulphur compound	126-33-0	0.8	0.8	0.8	0.8	2006
Sulphate	Inorganic, Inorganic sulphur compounds	18785-72-3	No data	No data	No data	No data	No data
Sulphur (elemental)	Inorganic, Inorganic sulphur compounds	9073-75-0	500	No data	No data	No data	1991
Suspended sediments	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data	No data	No data	No data
Tebuthiuron	Organic, Pesticides	34014-18-1	No data	No data	No data	No data	No data
Temperature	Physical, Temperature	No data	No data	No data	No data	No data	No data

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
Tetrachloroethene	Organic, Halogenated aliphatic compounds, Halogenated methanes	127-18-4	0.1	5	50	50	1991
1,2,3,4-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-66-2	0.05	2	10	10	1991
1,2,3,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-90-2	0.05	2	10	10	1991
1,2,4,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-94-3	0.05	2	10	10	1991
1,1,2,2-Tetrachloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-34-5	0.1	5	50	50	1991
1,1,2,2-Tetrachloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	127-18-4	0.1	0.2	0.5	0.6	1997
Tetrachloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	56-23-5	0.1	5	50	50	1991
Tetrachlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	<i>No data</i>	0.05	0.5	5	5	1991
2,3,4,6-Tetrachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	58-90-2	0.05	0.5	5	5	1991
Thallium	Inorganic, Metals	7440-28-0	1	1	1	1	1999
Thiophene	Miscellaneous organic compound	110-02-1	0.1	<i>No data</i>	<i>No data</i>	<i>No data</i>	1991
Tin	Inorganic, Metals	7440-31-5	5	50	300	300	1991
Toluene	Organic, Monocyclic aromatic compounds	108-88-3	Table	Table	Table	Table	2004
Total dissolved solids (salinity)	Physical, Turbidity, clarity and suspended solids	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Toxaphene	Organic, Pesticides, Organochlorine compounds	8001-35-2	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Triallate	Organic, Pesticides, Carbamate pesticides	2303-17-5	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Tribromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-25-2	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Tributyltin	Organic, Organotin compounds, Organotins	688-73-3	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Trichlorfon		52-68-6	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
1,2,3-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	87-61-6	0.05	2	10	10	1991
1,2,4-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	120-82-1	0.05	2	10	10	1991
1,3,5-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-70-3	0.05	2	10	10	1991
1,1,1-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	71-55-6	0.1	5	50	50	1991
1,1,2-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-00-5	0.1	5	50	50	1991

Chemical Name	Chemical Groups	CASRN	Soil Quality Guidelines for the Protection of Environmental and Human Health				Date
			Concentration (mg/kg dry weight) Agricultural	Concentration (mg/kg dry weight) Residential/ parkland	Concentration (mg/kg dry weight) Commercial	Concentration (mg/kg dry weight) Industrial	
1,1,2-Trichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	79-01-6	0.01	0.01	0.01	0.01	2006
2,4,6-Trichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	1988-06-02	0.05	0.5	5	5	1991
Trichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	67-66-3	0.1	5	50	50	1991
Trichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	<i>No data</i>	0.05	0.5	5	5	1991
Tricyclohexyltin	Organic, Organotin compounds, Organotins	3047-10-7	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Trifluralin	Organic, Pesticides, Dinitroaniline pesticides	1582-09-8	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Triphenyltin	Organic, Organotin compounds, Organotins	892-20-6	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Turbidity	Physical, Turbidity, clarity and suspended solids, Total particulate matter	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>	<i>No data</i>
Uranium	Inorganic, Metals	7440-61-1	23	23	33	300	2007
Vanadium	Inorganic, Metals	7440-62-2	130	130	130	130	1997
Xylene	Organic, Monocyclic aromatic compounds	1330-20-7	Table	Table	Table	Table	2004
Zinc	Inorganic, Metals	7440-66-6	250	250	410	410	2018

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
Acenaphthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	83-32-9	No data	No data
Acenaphthylene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	208-96-8	No data	No data
Acridine	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	260-94-6	No data	No data
Aldicarb	Organic, Pesticides, Carbamate pesticides	116-06-3	No data	No data
Aldrin	Organic, Pesticides, Organochlorine compounds	309-00-2	No data	No data
Aliphatics nonchlorinated (each)	Organic, Non-halogenated aliphatic compounds	No data	No data	No data
Aluminium	Inorganic, Metals	7429-90-5	No data	No data
Ammonia (total)	Inorganic, Inorganic nitrogen compounds	No data	No data	No data
Ammonia (un-ionized)	Inorganic nitrogen compounds	7664-41-7	No data	No data
Aniline	Organic	62-53-3	No data	No data
Anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	120-12-7	No data	No data
Antimony	Inorganic, Metals	7440-36-0	No data	No data
Aroclor 1254	Organic, Polyaromatic compounds, Polychlorinated biphenyls	11097-69-1	No data	No data
Arsenic	Inorganic, Metals	7440-38-2	No data	No data
Atrazine	Organic, Pesticides, Triazine compounds	1912-24-9	No data	No data
Barium	Inorganic, Metals	7440-39-3	No data	No data
Benz(a)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	56-55-3	No data	No data
Benzene	Organic, Monocyclic aromatic compounds	71-43-2	No data	No data
Benzo(a)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	50-32-8	No data	No data
Benzo(b)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	205-99-2	No data	No data
Benzo(k)fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	207-08-9	No data	No data
Beryllium	Inorganic, Metals	7440-41-7	No data	No data
Boron	Inorganic, Metals	7440-42-8	No data	No data
Bromacil	Organic, Pesticides	314-40-9	No data	No data
Bromoxynil	Organic, Pesticides, Benzonitrile compounds	1689-84-5	No data	No data
Cadmium	Inorganic, Metals	7440-43-9	No data	No data
Calcium	Inorganic, Metals	7440-70-2	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
Carbamazepine		298-46-4	No data	No data
Carbaryl	Organic, Pesticides, Carbamate pesticides	63-25-2	No data	No data
Carbofuran	Organic, Pesticides, Carbamate pesticides	1563-66-2	No data	No data
Chlordane	Organic, Pesticides, Organochlorine compounds	57-74-9	No data	No data
Chloride	Inorganic	16887-00-6	No data	No data
Chlorine, Reactive Species	Inorganic, Reactive chlorine compounds	No data	No data	No data
Chlorothalonil	Organic, Pesticides	1897-45-6	No data	No data
Chlorpyrifos	Organic, Pesticides	2921-88-2	No data	No data
Chromium (total)	Inorganic, Metals	7440-47-3	No data	No data
Chromium, hexavalent (Cr(VI))	Inorganic, Metals	7440-47-3	No data	No data
Chromium, trivalent (Cr(III))	Inorganic, Metals	7440-47-3	No data	No data
Chrysene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	218-01-9	No data	No data
Cobalt	Inorganic, Metals	7440-48-4	No data	No data
Coliforms, fecal (Escherichia coli)	Biological	No data	No data	No data
Coliforms, total	Biological	No data	No data	No data
Colour	Physical	No data	No data	No data
Conductivity	Physical	No data	No data	No data
Copper	Inorganic, Metals	7440-50-8	No data	No data
Cyanazine	Organic, Pesticides, Triazine compounds	21725-46-2	No data	No data
Cyanide	Inorganic	57-12-5	No data	No data
Cyanobacteria	Biological	No data	No data	No data
Debris (marine)	Physical	No data	No data	No data
Deltamethrin	Organic, Pesticides	52918-63-5	No data	No data
Deposited bedload sediment	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data
1,2-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-50-1	No data	No data
1,3-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	541-73-1	No data	No data
1,4-Dichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	106-46-7	No data	No data
1,1-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	75-34-3	No data	No data
1,1-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	75-35-4	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
1,2-Dichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	107-06-2	No data	No data
1,2-Dichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	No data	No data	No data
1,2-Dichloropropane	Organic, Halogenated aliphatic compounds, Halogenated methanes	78-87-5	No data	No data
1,2-Dichloropropene (cis and trans)	Organic, Halogenated aliphatic compounds, Halogenated methanes	563-54-2	No data	No data
Di-n-butyl phthalate	Organic, Phthalate esters	84-74-2	No data	No data
Di-n-octyl phthalate	Organic, Phthalate esters	117-84-0	No data	No data
Di(2-ethylhexyl) phthalate	Organic, Phthalate esters	117-81-7	No data	No data
Dibenz(a,h)anthracene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	53-70-3	No data	No data
Dibromochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	124-48-1	No data	No data
Dicamba	Organic, Pesticides, Aromatic carboxylic acid	1918-00-9	No data	No data
Dichloro diphenyl dichloroethane, 2,2-Bis(p-chlorophenyl)-1,1-dichloroethane	Organic, Pesticides, Organochlorine compounds	72-54-8	No data	No data
Dichloro diphenyl ethylene, 1,1-Dichloro-2,2-bis(p-chlorophenyl)-ethene	Organic, Pesticides, Organochlorine compounds	72-55-9	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane	Organic, Pesticides, Organochlorine compounds	789-02-6	No data	No data
Dichloro diphenyl trichloroethane; 2,2-Bis(p-chlorophenyl)-1,1,1-trichloroethane and metabolites	Organic, Pesticides, Organochlorine compounds	No data	14	1997
Dichlorobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-27-4	No data	No data
Dichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-09-2	No data	No data
Dichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data
2,4-Dichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	120-83-2	No data	No data
Diclofop-methyl	Organic, Pesticides	51338-27-3	No data	No data
Didecyl dimethyl ammonium chloride	Organic, Pesticides	7173-51-5	No data	No data
Dieldrin	Organic, Pesticides, Organochlorine compounds	60-57-1	No data	No data
Diethylene glycol	Organic, Glycols	111-46-6	No data	No data
Diisopropanolamine	Organic	110-97-4	No data	No data
Dimethoate	Organic, Pesticides, Organophosphorus compounds	60-51-5	No data	No data
Dinoseb	Pesticides	88-85-7	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
1,4-Dioxane		123-91-1	No data	No data
Dissolved gas supersaturation	Physical	No data	No data	No data
Dissolved oxygen	Inorganic	No data	No data	No data
Endosulfan	Organic, Pesticides, Organochlorine compounds	115-29-7	No data	No data
Endrin	Organic, Pesticides, Organochlorine compounds	72-20-8	No data	No data
Ethylbenzene	Organic, Monocyclic aromatic compounds	100-41-4	No data	No data
Ethylene glycol	Organic, Glycols	107-21-1	No data	No data
Fluoranthene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	206-44-0	No data	No data
Fluorene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	86-73-7	No data	No data
Fluoride	Inorganic	16984-48-8	No data	No data
Glyphosate	Organic, Pesticides, Organophosphorus compounds	1071-83-6	No data	No data
Heptachlor	Organic, Pesticides, Organochlorine compounds	76-44-8	No data	No data
Hexachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	118-74-1	No data	No data
Hexachlorobutadiene	Organic, Halogenated aliphatic compounds	87-68-3	No data	No data
Hexachlorocyclohexane	Organic, Pesticides, Organochlorine compounds	58-89-9	No data	No data
Imidacloprid		13826-41-3	No data	No data
Indeno(1,2,3-c,d)pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	193-39-5	No data	No data
3-Iodo-2-propynyl butyl carbamate	Organic, Pesticides, Carbamate pesticides	55406-53-6	No data	No data
Iron	Inorganic, Metals	7439-89-6	No data	No data
Lead	Inorganic, Metals	7439-92-1	No data	No data
Linuron	Organic, Pesticides	41205-21-4	No data	No data
Lithium	Inorganic, Metals	7439-93-2	No data	No data
Manganese	Inorganic, Metals	7439-96-5	No data	No data
Mercury	Inorganic, Metals	7439-97-6	see Methylmercury	No data
Methanol	Organotins	67-56-1	No data	No data
Methoprene		40596-69-8	No data	No data
2-Methylnaphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-57-6	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
Methyl tertiary-butyl ether	Organic, Non-halogenated aliphatic compounds, Aliphatic ether	1634-04-4	No data	No data
Methylchlorophenoxyacetic acid (4-Chloro-2-methyl phenoxy acetic acid; 2-Methyl-4-chloro phenoxy acetic acid)	Organic, Pesticides	94-74-6	No data	No data
Methylmercury	Organic	22967-92-6	33	2001
Metolachlor	Organic, Pesticides, Organochlorine compounds	51218-45-2	No data	No data
Metribuzin	Pesticides, Triazine compounds	21087-64-9	No data	No data
Molybdenum	Inorganic, Metals	7439-98-7	No data	No data
Monobromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-83-9	No data	No data
Monochlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-90-7	No data	No data
Monochloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	74-87-3	No data	No data
Monochlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	25167-80-0	No data	No data
n-hexane	Aliphatic hydrocarbon	110-54-3	No data	No data
Naphthalene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-20-3	No data	No data
Nickel	Inorganic, Metals	7440-02-0	No data	No data
Nitrate	Inorganic, Inorganic nitrogen compounds	14797-55-8	No data	No data
Nitrate + Nitrite	Inorganic, Inorganic nitrogen compounds	No data	No data	No data
Nitrite	Inorganic, Inorganic nitrogen compounds	14797-65-0	No data	No data
Nitrite + Nitrate [See Nitrate + Nitrite]	Inorganic, Inorganic nitrogen compounds	No data	No data	No data
Nonylphenol and its ethoxylates	Organic, Nonylphenol and its ethoxylates	84852-15-3	No data	No data
Nuisance organisms	Biological	No data	No data	No data
Nutrients		No data	No data	No data
Pentachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	608-93-5	No data	No data
Pentachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	87-86-5	No data	No data
Permethrin	Organic, Pesticides, Organochlorine compounds	52645-53-1	No data	No data
pH	Inorganic, Acidity, alkalinity and ph	No data	No data	No data
Phenanthrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	1985-01-08	No data	No data
Phenolic compounds, nonchlorinated	Organic, Non-halogenated aromatic hydroxy compounds	No data	No data	No data
Phenols (mono- & dihydric)	Organic, Aromatic hydroxy compounds	108-95-2	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
Phenoxy herbicides	Organic, Pesticides	No data	No data	No data
Phosphorus	Inorganic	7723-14-0	No data	No data
Phthalic acid esters (each)	Organic, Phthalate esters	No data	No data	No data
Picloram	Organic, Pesticides	1918-02-1	No data	No data
Polychlorinated biphenyls	Organic, Polyaromatic compounds, Polychlorinated biphenyls	1336-36-3	Variable	1998
Polychlorinated dibenzo-p-dioxins/dibenzo furans	Organic, Polyaromatic compounds, Polychlorinated dioxins and furans	No data	Variable	2001
Propylene glycol	Organic, Glycols	57-55-6	No data	No data
Pyrene	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	129-00-0	No data	No data
Quinoline	Organic, Polyaromatic compounds, Polycyclic aromatic hydrocarbons	91-22-5	No data	No data
Salinity	Physical	No data	No data	No data
Selenium	Inorganic, Metals	7782-49-2	No data	No data
Silver	Inorganic, Metals	7440-22-4	No data	No data
Simazine	Pesticides, Triazine compounds	122-34-9	No data	No data
Sodium adsorption ratio		No data	No data	No data
Streambed substrate	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data
Styrene	Organic, Monocyclic aromatic compounds	100-42-5	No data	No data
Sulfolane	Organic, Organic sulphur compound	126-33-0	No data	No data
Sulphate	Inorganic, Inorganic sulphur compounds	18785-72-3	No data	No data
Sulphur (elemental)	Inorganic, Inorganic sulphur compounds	9073-75-0	No data	No data
Suspended sediments	Physical, Turbidity, clarity and suspended solids, Total particulate matter	No data	No data	No data
Tebuthiuron	Organic, Pesticides	34014-18-1	No data	No data
Temperature	Physical, Temperature	No data	No data	No data
Tetrachloroethene	Organic, Halogenated aliphatic compounds, Halogenated methanes	127-18-4	No data	No data
1,2,3,4-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-66-2	No data	No data
1,2,3,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	634-90-2	No data	No data
1,2,4,5-Tetrachlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	95-94-3	No data	No data
1,1,2,2-Tetrachloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-34-5	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
1,1,2,2-Tetrachloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	127-18-4	No data	No data
Tetrachloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	56-23-5	No data	No data
Tetrachlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	No data
2,3,4,6-Tetrachlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	58-90-2	No data	No data
Thallium	Inorganic, Metals	7440-28-0	No data	No data
Thiophene	Miscellaneous organic compound	110-02-1	No data	No data
Tin	Inorganic, Metals	7440-31-5	No data	No data
Toluene	Organic, Monocyclic aromatic compounds	108-88-3	No data	No data
Total dissolved solids (salinity)	Physical, Turbidity, clarity and suspended solids	No data	No data	No data
Toxaphene	Organic, Pesticides, Organochlorine compounds	8001-35-2	6.3	1997
Triallate	Organic, Pesticides, Carbamate pesticides	2303-17-5	No data	No data
Tribromomethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	75-25-2	No data	No data
Tributyltin	Organic, Organotin compounds, Organotins	688-73-3	No data	No data
Trichlorfon		52-68-6	No data	No data
1,2,3-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	87-61-6	No data	No data
1,2,4-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	120-82-1	No data	No data
1,3,5-Trichlorobenzene	Organic, Monocyclic aromatic compounds, Chlorinated benzenes	108-70-3	No data	No data
1,1,1-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	71-55-6	No data	No data
1,1,2-Trichloroethane	Organic, Halogenated aliphatic compounds, Chlorinated ethanes	79-00-5	No data	No data
1,1,2-Trichloroethene	Organic, Halogenated aliphatic compounds, Chlorinated ethenes	79-01-6	No data	No data
2,4,6-Trichlorophenol	Organic, Monocyclic aromatic compounds, Chlorinated phenols	1988-06-02	No data	No data
Trichloromethane	Organic, Halogenated aliphatic compounds, Halogenated methanes	67-66-3	No data	No data
Trichlorophenols	Organic, Monocyclic aromatic compounds, Chlorinated phenols	No data	No data	No data
Tricyclohexyltin	Organic, Organotin compounds, Organotins	3047-10-7	No data	No data
Trifluralin	Organic, Pesticides, Dinitroaniline pesticides	1582-09-8	No data	No data

Chemical Name	Chemical Groups	CASRN	Tissue Residue Quality Guidelines for the Protection of Wildlife Consumer of Aquatic Biota	
			Concentration (µg/kg diet wet weight)	Date
Triphenyltin	Organic, Organotin compounds, Organotins	892-20-6	<i>No data</i>	<i>No data</i>
Turbidity	Physical, Turbidity, clarity and suspended solids, Total particulate matter	<i>No data</i>	<i>No data</i>	<i>No data</i>
Uranium	Inorganic, Metals	7440-61-1	<i>No data</i>	<i>No data</i>
Vanadium	Inorganic, Metals	7440-62-2	<i>No data</i>	<i>No data</i>
Xylene	Organic, Monocyclic aromatic compounds	1330-20-7	<i>No data</i>	<i>No data</i>
Zinc	Inorganic, Metals	7440-66-6	<i>No data</i>	<i>No data</i>