



Ministry of
Environment and
Climate Change Strategy

PROTOCOL 11

FOR CONTAMINATED SITES

Upper Cap Concentrations for
Substances Listed in the Contaminated Sites Regulation

Version 6.0

Prepared pursuant to Section 64 of the
Environmental Management Act

Approved:

Sonya Sundberg
Director of Waste Management

November 22, 2024

Date

Effective Date: November 22, 2024

1.0 Definitions

Terms defined in the *Environmental Management Act* and the Contaminated Sites Regulation (CSR) apply to this protocol in addition to the following:

“**asbestos**” has the same meaning as defined in the Hazardous Waste Regulation.

The following terms are defined in the [British Columbia Environmental Laboratory Manual](#):

“**EPHw10-19**” means Extractable Petroleum Hydrocarbons (nC10-nC19) in water

“**HEPHs**” means Heavy Extractable Petroleum Hydrocarbons in soil

“**LEPH**” means Light Extractable Petroleum Hydrocarbons

“**LEPHw**” means Light Extractable Petroleum Hydrocarbons in water

“**VHw6-10**” means Volatile Hydrocarbons (nC6-nC10) in water

“**VPH**” means Volatile Petroleum Hydrocarbons

“**VPHw**” means Volatile Petroleum Hydrocarbons in water

2.0 Introduction

This protocol sets the upper cap concentrations for substances with numerical standards in the CSR and which, when present in the exposure zone of soil, water, sediment or vapour, could pose high risks to the environment or human health.

[Protocol 12, “Site Risk Classification, Reclassification and Reporting”](#) describes procedures for classifying sites based on their risk to the environment or human health. Conditions for classifying sites as high risk include the presence of substances at concentrations exceeding upper cap concentrations. Under Protocol 12, if upper cap concentrations are exceeded, an analysis of exposure pathways usually must be carried out to determine if a site is classified as high risk.

3.0 Derivation of upper cap concentrations

Tables 1 to 8 specify the upper cap concentrations for soil, water, sediment, and vapour under this protocol. Upper cap concentrations were generally derived from the numerical environmental quality standards in CSR Schedules 3.1, 3.2, 3.3 and 3.4 by applying

multiplication factors or “upper cap multipliers”. They were established in consideration of toxicological data sets for multiple species or humans and of the level of unacceptable risk that exposure to an upper cap concentration of a substance would provoke in media-specific receptor populations.

Revision history

Approved Date	Effective Date	Document Version	Notes
December, 2009	December 4, 2009	1.0	New protocol
May, 2010	May 31, 2010	1.01	Updated DW UCC for aluminum, iron & manganese
January, 2013	January 25, 2013	2.0	Added Industrial Land Use Upper Cap Concentrations for CSR Schedule 5 substances
February, 2014	February 5, 2014	2.2	Added Human Health soil ingestion Upper Cap Concentrations for lead
October, 2017	November 1, 2017	3.0	Updated to reflect CSR Stage 10 amendments
February 1, 2021	February 1, 2021	4.0	Updated to reflect CSR Stages 11, 12 and 13 amendments, and removed extraneous footnote and derivation information
March 20, 2023	March 1, 2023	5.0	Updated to reflect CSR Stage 14 amendments
November 22, 2024	November 22, 2024	6.0	Corrected table numbers and titles

Table 1. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WLN)	Wildlands Reverted (WLR)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RLD)	Residential High Density (RLHD)	Commercial (CL)	Industrial (IL)
anthracene	120-12-7	250 000	250 000	100 000	250 000	100 000	250 000	750 000	> 1 000 mg/g
arsenic	7440-38-2	400	400	200	400	200	400	1 500	4 000
barium	7440-39-3	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g
benzene	71-43-2	3 500	3 500	1 500	3 500	1 500	3 500	10 000	65 000
benzo(a)pyrene	50-32-8	100	100	50	100	50	100	300	500
beryllium	7440-41-7	1 500	1 500	850	1 500	850	1 500	5 000	150 000
cadmium	7440-43-9	400	400	200	400	200	400	1 500	35 000
chloride ion	16887-00-6	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
chromium ³	7440-47-3	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
cobalt	7440-48-4	250	250	250	250	250	250	750	20 000
copper	7440-50-8	75 000	75 000	35 000	75 000	35 000	75 000	250 000	> 1 000 mg/g
cyanide ⁶	57-12-5	500	500	250	500	250	500	1 500	40 000
dichlorodiphenyl trichloroethane, total [DDT] ⁴	NA	400	400	200	400	200	400	1 500	10 000
diisopropanolamine [DIPA]	110-97-4	300 000	300 000	150 000	300 000	150 000	300 000	1 000 mg/g	> 1 000 mg/g
ethylbenzene	100-41-4	85 000	85 000	40 000	85 000	40 000	85 000	250 000	> 1 000 mg/g
ethylene glycol	107-21-1	> 1 000 mg/g	> 1 000 mg/g	850 000	> 1 000 mg/g	850 000	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
fluoranthene	206-44-0	35 000	35 000	15 000	35 000	15 000	35 000	100 000	> 1 000 mg/g
lead	7439-92-1	1 200	1 200	1 200	1 200	1 200	1 200	1 500	40 000
manganese	7439-96-5	100 000	100 000	60 000	100 000	60 000	100 000	350 000	> 1 000 mg/g
mercury	7439-97-6	250	250	100	250	100	250	750	20 000
methanol	67-56-1	400 000	400 000	200 000	400 000	200 000	400 000	> 1 000 mg/g	> 1 000 mg/g
molybdenum	7439-98-7	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000

Table 1. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WLN)	Wildlands Reverted (WLR)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RLD)	Residential High Density (RLHD)	Commercial (CL)	Industrial (IL)
naphthalene	91-20-3	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g
nickel	7440-02-0	9 000	9 000	4 500	9 000	4 500	9 000	30 000	800 000
nonylphenol & nonylphenol ethoxylates ⁵	NA	4 000	4 000	2 000	4 000	2 000	4 000	10 000	350 000
pentachlorophenol [PCP]	87-86-5	2 000	2 000	900	2 000	900	2 000	5 500	9 000
perfluorooctane sulfonate [PFOS]	1763-23-1	25	25	10	25	10	25	75	2 000
phenol	108-95-2	250 000	250 000	100 000	250 000	100 000	250 000	750 000	> 1 000 mg/g
polychlorinated biphenyl, total [PCBs] ⁶	1336-36-3	100	100	50	100	50	100	350	9 000
polychlorinated dioxins and furans, total [PCDDs and PCDFs] ⁷	1746-01-6	0.002	0.002	0.00095	0.002	0.00095	0.002	0.006	0.15
selenium	7782-49-2	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
sodium ion	17341-25-2	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
sulfolane	126-33-0	8 000	8 000	4 000	8 000	4 000	8 000	25 000	700 000
tetrachloroethylene	127-18-4	5 000	5 000	2 500	5 000	2 500	5 000	15 000	400 000
toluene	108-88-3	65 000	65 000	35 000	65 000	35 000	65 000	200 000	> 1 000 mg/g
trichloroethylene	79-01-6	400	400	200	400	200	400	1 500	35 000
uranium	7440-61-1	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
vanadium	7440-62-2	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
xylenes, total	1330-20-7	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g
zinc	7440-66-6	250 000	250 000	100 000	250 000	100 000	250 000	750 000	> 1 000 mg/g

Table 1. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 1 substances¹

Notes

1. All values in µg/g unless otherwise stated.
2. NA – not applicable. No CAS number exists for the substance.
3. Upper cap concentration is based on chromium (all species).
4. Upper cap concentrations are for the sum of DDT (2,4' + 4,4' isomers), DDD (2,4' + 4,4' isomers) and DDE (2,4' + 4,4' isomers).
5. Nonylphenol includes related nonylphenolic and octylphenolic compounds, including ethoxylates. Consult the ministry for further advice.
6. PCBs, total in soil represent the sum of Arochlors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262 and 1268. Dioxin-like polychlorinated biphenyls must also be evaluated as polychlorinated dioxins and furans.
7. Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed as 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalency factors.

Table 2. Ecological health toxicity to soil invertebrate and plants, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
anthracene	120-12-7	15	25	25	25	25	300	300	300
arsenic	7440-38-2	150	250	250	250	250	400	400	400
barium	7440-39-3	3 500	7 000	7 000	7 000	7 000	15 000	15 000	15 000
benzene	71-43-2	350	1 000	1 000	1 000	1 000	2 500	2 500	2 500
benzo(a)pyrene	50-32-8	150	200	200	200	200	700	700	700
beryllium	7440-41-7	750	1 500	1 500	1 500	1 500	3 500	3 500	3 500
cadmium	7440-43-9	150	300	300	300	300	750	750	750
chloride ion	16887-00-6	2 000	3 500	3 500	3 500	3 500	25 000	25 000	25 000
chromium ³	7440-47-3	1 000	2 000	2 000	2 000	2 000	2 500	2 500	2 500
cobalt	7440-48-4	250	450	450	450	450	2 000	2 000	2 000
copper	7440-50-8	850	1 500	1 500	1 500	1 500	3 000	3 000	3 000
cyanide	57-12-5	20	30	30	30	30	100	100	100
dichlorodiphenyl trichloroethane, total [DDT] ⁴	NA	4.5	7	7	7	7	100	100	100
diisopropanolamine [DIPA]	110-97-4	6 000	7 500	7 500	7 500	7 500	10 000	10 000	10 000
ethylbenzene	100-41-4	1 000	2 000	2 000	2 000	2 000	6 500	6 500	6 500
ethylene glycol	107-21-1	30 000	40 000	40 000	40 000	40 000	60 000	60 000	60 000
fluoranthene	206-44-0	300	500	500	500	500	2 000	2 000	2 000
lead	7439-92-1	4 000	5 500	5 500	5 500	5 500	10 000	10 000	10 000
manganese	7439-96-5	20 000	20 000	20 000	20 000	20 000	20 000	20 000	20 000
mercury	7439-97-6	250	400	400	400	400	750	750	750
methanol	67-56-1	7 500	10 000	10 000	10 000	10 000	15 000	15 000	15 000
molybdenum	7439-98-7	600	800	800	800	800	1 500	1 500	1 500
naphthalene	91-20-3	4	6	6	6	6	200	200	200
nickel	7440-02-0	1 000	1 500	1 500	1 500	1 500	2 500	2 500	2 500

Table 2. Ecological health toxicity to soil invertebrate and plants, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
nonylphenol & nonylphenol ethoxylates ⁵	NA	35	55	55	55	55	150	150	150
pentachlorophenol [PCP]	87-86-5	100	250	250	250	250	550	550	550
perfluorooctane sulfonate [PFOS]	1763-23-1	400	700	700	700	700	1 500	1 500	1 500
phenol	108-95-2	800	1 500	1 500	1 500	1 500	2 000	2 000	2 000
polychlorinated biphenyl, total [PCBs] ⁶	1336-36-3	8	15	15	15	15	350	350	350
polychlorinated dioxins and furans, total [PCDDs and PCDFs] ⁷	1746-01-6	0.0065	0.01	0.0001	0.01	0.01	0.025	0.025	0.025
selenium	7782-49-2	15	15	15	15	15	20	20	20
sodium ion	17341-25-2	1 500	2 000	2 000	2 000	2 000	10 000	10 000	10 000
sulfolane	126-33-0	2 500	3 500	3 500	3 500	3 500	5 000	5 000	5 000
tetrachloroethylene	127-18-4	60	150	150	150	150	300	300	300
toluene	108-88-3	900	1 500	1 500	1 500	1 500	4 500	4 500	4 500
trichloroethylene	79-01-6	80	150	150	150	150	250	250	250
uranium	7440-61-1	3 000	5 000	5 000	5 000	5 000	20 000	20 000	20 000
vanadium	7440-62-2	1 000	1 500	1 500	1 500	1 500	3 000	3 000	3 000
xylene, total	1330-20-7	1 000	1 500	1 500	1 500	1 500	6 000	6 000	6 000
zinc	7440-66-6	3 000	4 500	4 500	4 500	4 500	4 500	4 500	4 500

Table 2. Ecological health toxicity to soil invertebrate and plants, upper cap concentrations for Schedule 3.1, Part 1 substances¹

Notes

1. All values in µg/g unless otherwise stated.
2. NA – Not applicable. No CAS number exists for the substance.
3. Upper cap concentration is based on chromium (all species).
4. Upper cap concentrations are for the sum of DDT (2,4' + 4,4' isomers), DDD (2,4' + 4,4' isomers) and DDE (2,4' + 4,4' isomers).
5. Nonylphenol includes related nonylphenolic and octylphenolic compounds, including ethoxylates. Consult the ministry for further advice.
6. PCBs, total in soil represent the sum of Arochlors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262 and 1268. Dioxin-like polychlorinated biphenyls must also be evaluated as polychlorinated dioxins and furans.
7. Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed as 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalency factors.

Table 3. Ecological health livestock ingesting soil and fodder, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3
Substance	Chemical Abstract Service # (CAS)²	Agricultural (AL)
anthracene	120-12-7	
arsenic	7440-38-2	250
barium	7440-39-3	4 000
benzene	71-43-2	
benzo(a)pyrene	50-32-8	
beryllium	7440-41-7	
cadmium	7440-43-9	100
chloride ion	16887-00-6	
chromium	7440-47-3	1 500 ³ 600 ⁴
cobalt	7440-48-4	2 500
copper	7440-50-8	1 500
cyanide	57-12-5	110
dichlorodiphenyl trichloroethane, total [DDT] ⁵	NA	
diisopropanolamine [DIPA]	110-97-4	
ethylbenzene	100-41-4	
ethylene glycol	107-21-1	
fluoranthene	206-44-0	
lead	7439-92-1	3 500
manganese	7439-96-5	
mercury	7439-97-6	6
methanol	67-56-1	
molybdenum	7439-98-7	
naphthalene	91-20-3	
nickel	7440-02-0	2 500
nonylphenol & nonylphenol ethoxylates ⁶	NA	
pentachlorophenol [PCP]	87-86-5	

Table 3. Ecological health livestock ingesting soil and fodder, upper cap concentrations for Schedule 3.1, Part 1 substances¹

COLUMN 1	COLUMN 2	COLUMN 3
Substance	Chemical Abstract Service # (CAS)²	Agricultural (AL)
perfluorooctane sulfonate [PFOS]	1763-23-1	
phenol	108-95-2	
polychlorinated biphenyls, total [PCBs] ⁷	1336-36-3	
polychlorinated dioxins and furans, total [PCDDs and PCDFs] ⁸	1746-01-6	
selenium	7782-49-2	20
sodium ion	17341-25-2	
sulfolane	126-33-0	
tetrachloroethylene	127-18-4	
toluene	108-88-3	
trichloroethylene	79-01-6	
uranium	7440-61-1	350
vanadium	7440-62-2	
xylene, total	1330-20-7	
zinc	7440-66-6	2 000

Notes

1. All values in µg/g unless otherwise stated.
2. NA – Not applicable. No CAS number exists for the substance.
3. Upper cap concentration is for chromium, hexavalent.
4. Upper cap concentration is for chromium, trivalent.
5. DDT, total in soil represents the sum of DDT (2,4' + 4,4' isomers), DDD (2,4' + 4,4' isomers) and DDE (2,4' + 4,4' isomers).
6. Nonylphenol & nonylphenol ethoxylates, includes related nonylphenolic and octylphenolic compounds, including ethoxylates.
7. PCBs, total in soil represents the sum of Aroclors 1016, 1221, 1232, 1242, 1254, 1260, 1262 and 1268. Dioxin-like polychlorinated biphenyls must also be evaluated as polychlorinated dioxins and furans.
8. Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed as 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalency factors.

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WLN)	Wildlands Reverted (WLR)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RLD)	Residential High Density (RLHD)	Commercial (CL)	Industrial (IL)
acenaphthene	83-32-9	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
acephate	30560-19-1	1 000	1 000	600	1 000	600	1 000	9 500	9 500
acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	150	150	80	150	80	150	1 000	1 000
acetochlor	34256-82-1	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
acetone	67-64-1	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
acetophenone	98-86-2	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
acrolein	107-02-8	150	150	80	150	80	150	1 000	1 000
acrylamide	79-06-1	60	60	30	60	30	60	650	650
acrylic acid	79-10-7	150 000	150 000	80 000	150 000	80 000	150 000	1 000 mg/g	1 000 mg/g
acrylonitrile	107-13-1	250	250	150	250	150	250	600	600
adipic acid	124-04-9	650 000	650 000	300 000	650 000	300 000	650 000	> 1 000 mg/g	> 1 000 mg/g
alachlor	15972-60-8	2 500	2 500	1 000	2 500	1 000	2 500	6 000	6 000
aldicarb	116-06-3	300	300	150	300	150	300	2 500	2 500
aldicarb sulfone	1646-88-4	300	300	150	300	150	300	2 500	2 500
aldrin	309-00-2	8	8	4	8	4	8	20	20
allyl alcohol	107-18-6	1 500	1 500	800	1 500	800	1 500	10 000	10 000
allyl chloride	107-05-1	6 500	6 500	3 500	6 500	3 500	6 500	15 000	15 000
aluminum	7429-90-5	400 000	400 000	400 000	400 000	400 000	400 000	> 1 000 mg/g	> 1 000 mg/g
ametryn	834-12-8	3 000	3 000	1 500	3 000	1 500	3 000	20 000	20 000
aminobiphenyl, 4-	92-67-1	6.5	6.5	3.5	6.5	3.5	6.5	15	15
aminophenol, 3-	591-27-5	25 000	25 000	15 000	25 000	15 000	25 000	200 000	200 000
aminophenol, 4-	123-30-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
amitraz	33089-61-1	800	800	400	800	400	800	6 000	6 000
aniline	62-53-3	2 000	2 000	1 000	2 000	1 000	2 000	15 000	15 000
anthraquinone, 9,10-	84-65-1	650	650	300	650	300	650	4 500	4 500
antimony	7440-36-0	5 000	5 000	2 500	5 000	2 500	5 000	15 000	400 000
aramite	140-57-8	5 500	5 500	3 000	5 500	3 000	5 500	15 000	15 000
asbestos	1332-21-4	10%	10%	10%	10%	10%	10%	10%	10%
asulam	3337-71-1	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
atrazine	1912-24-9	600	600	300	600	300	600	1 500	1 500
auramine	492-80-8	150	150	80	150	80	150	350	350
ivermectin B1 (a + b)	71751-41-2	100	100	60	100	60	100	950	950
azinphos-methyl	86-50-0	900	900	450	900	450	900	7 000	7 000
azobenzene	103-33-3	1 500	1 500	650	1 500	650	1 500	3 000	3 000
azodicarbonamide	123-77-3	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
benfluralin	1861-40-1	90 000	90 000	45 000	90 000	45 000	90 000	700 000	700 000
benomyl	17804-35-2	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
bensulfuron-methyl	83055-99-6	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
bentazon	25057-89-0	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
benz(a)anthracene	56-55-3	950	950	500	950	500	950	3 000	5 000
benzidine	92-87-5	0.15	0.15	0.065	0.15	0.065	0.15	1.5	1.5
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3	950	950	500	950	500	950	3 000	5 000
benzo(k)fluoranthene	207-08-9	950	950	500	950	500	950	3 000	5 000
benzoic acid	65-85-0	1 000 mg/g	1 000 mg/g	600 000	1 000 mg/g	600 000	1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
benzotrifluoride	98-07-7	10	10	5.5	10	5.5	10	25	25

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
benzyl alcohol	100-51-6	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
benzyl chloride	100-44-7	650	650	300	650	300	650	2 000	2 000
bifenox	42576-02-3	3 000	3 000	1 500	3 000	1 500	3 000	20 000	20 000
bifenthrin	82657-04-3	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
biphenyl, 1,1'-	92-52-4	150 000	150 000	80 000	150 000	80 000	150 000	1 000 mg/g	1 000 mg/g
bis(2-chloroethoxy) methane	111-91-1	900	900	450	900	450	900	7 000	7 000
bis(2-chloroethyl) ether	111-44-4	25	25	15	25	15	25	60	60
bis(2-chloro-1-methylethyl) ether	108-60-1	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
bis(2-ethylhexyl) adipate	103-23-1	100 000	100 000	60 000	100 000	60 000	100 000	250 000	250 000
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7	3 500	3 500	1 500	3 500	1 500	3 500	10 000	300 000
bisphenol A	80-05-7	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
boron	7440-42-8	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g
bromate	15541-45-4	200	200	100	200	100	200	450	450
bromo-2-chloroethane, 1-	107-04-0	70	70	35	70	35	70	150	150
bromobenzene	108-86-1	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
bromodichloromethane	75-27-4	2 000	2 000	1 000	2 000	1 000	2 000	5 500	5 500
bromoform	75-25-2	6 500	6 500	3 000	6 500	3 000	6 500	40 000	40 000
bromomethane	74-83-9	450	450	200	450	200	450	3 000	3 000
bromophos	2104-96-3	1 500	1 500	800	1 500	800	1 500	10 000	10 000
bromoxynil	1689-84-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
butadiene, 1,3-	106-99-0	40	40	20	40	20	40	95	95
butanoic acid, 4-(4-chloro-2- methylphenoxy)- [MCPB]	94-81-5	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
butanol, 2-	78-92-2	650 000	650 000	300 000	650 000	300 000	650 000	> 1 000 mg/g	> 1 000 mg/g
butanol, n-	71-36-3	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
butoxy ethanol, 2-	111-76-2	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
butyl benzyl phthalate	85-68-7	65 000	65 000	30 000	65 000	30 000	65 000	150 000	150 000
butyl phthalyl butyl glycolate	85-70-1	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
butylate	2008-41-5	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
butylated hydroxytoluene [BHT]	128-37-0	40 000	40 000	20 000	40 000	20 000	40 000	90 000	90 000
butylbenzene, n-	104-51-8	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
butylbenzene, sec-	135-98-8	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
butylbenzene, tert-	98-06-6	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
cadodylic acid	75-60-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
caprolactam	105-60-2	150 000	150 000	80 000	150 000	80 000	150 000	1 000 mg/g	1 000 mg/g
captafol	2425-06-1	650	650	300	650	300	650	2 000	2 000
captan	133-06-2	40 000	40 000	20 000	40 000	20 000	40 000	150 000	150 000
carbaryl	63-25-2	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
carbofuran	1563-66-2	1 500	1 500	800	1 500	800	1 500	10 000	10 000
carbon disulfide	75-15-0	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
carbon tetrachloride	56-23-5	3 500	3 500	1 500	3 500	1 500	3 500	10 000	50 000
carbosulfan	55285-14-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
carboxin	5234-68-4	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
chloramben	133-90-4	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
chloranil	118-75-2	350	350	150	350	150	350	800	800
chlordane (cis + trans)	5103-71-9 & 5103-74-2	150	150	80	150	80	150	950	950

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
chlordecone	143-50-0	15	15	7	15	7	15	35	35
chlorfenvinphos	470-90-6	200	200	100	200	100	200	1 500	1 500
chlorimuron, ethyl	90982-32-4	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
chloro-2-methylaniline, 4-	95-69-2	900	900	450	900	450	900	3 500	3 500
chloroacetaldehyde, 2-	107-20-0	500	500	250	500	250	500	1 000	1 000
chloroaniline, p-	106-47-8	700	700	350	700	350	700	1 500	1 500
chlorobenzene	108-90-7	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g
chlorobenzilate	510-15-6	1 500	1 500	650	1 500	650	1 500	3 000	3 000
chlorobenzoic acid, 4-	74-11-3	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
chlorobenzotrichloride, 4-	5216-25-1	7	7	3.5	7	3.5	7	15	15
chlorobenzotrifluoride, 4-	98-56-6	900	900	450	900	450	900	7 000	7 000
chlorobutane, 1-	109-69-3	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
chloroethanol, 2-	107-07-3	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
chloroform	67-66-3	8 500	8 500	4 000	8 500	4 000	8 500	25 000	700 000
chloronaphthalene, 2-	91-58-7	25 000	25 000	15 000	25 000	15 000	25 000	200 000	200 000
chloronitrobenzene, 2-	88-73-3	450	450	250	450	250	450	1 000	1 000
chloronitrobenzene, 4-	100-00-5	300	300	150	300	150	300	2 500	2 500
chlorophenol, 2-	95-57-8	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
chlorophenol,3-	108-43-0	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
chlorophenol, 4-	106-48-9	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
chloroprene	126-99-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
chlorothalonil	1897-45-6	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
chlorotoluene, 2-	95-49-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
chlorotoluene, 4-	106-43-4	6 500	6 500	3 000	6 500	3000	6 500	45 000	45 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
chlorpropham	101-21-3	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
chlorpyrifos	2921-88-2	300	300	150	300	150	300	2 500	2 500
chlorpyrifos-methyl	5598-13-0	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
chlorsulfuron	64902-72-3	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
chlorthal-dimethyl	1861-32-1	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
chlorthiophos	60238-56-4	250	250	150	250	150	250	2 000	2 000
chrysene	218-01-9	4 000	4 000	2 000	4 000	2 000	4 000	45 000	45 000
clofentezine	74115-24-5	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
crotonaldehyde, trans-	123-73-9	75	75	35	75	35	75	150	150
cyanazine	21725-46-2	150	150	85	150	85	150	400	400
cyanogen	460-19-5	300	300	150	300	150	300	2 500	2 500
cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3	6 000	6 000	3 000	6 000	3 000	6 000	15 000	15 000
cyclohexanone	108-94-1	> 1 000 mg/g	> 1 000 mg/g	800 000	> 1 000 mg/g	800 000	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
cyclohexene	110-83-8	1 500	1 500	800	1 500	800	1 500	10 000	10 000
cyclohexylamine	108-91-8	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
cyfluthrin	68359-37-5	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
cyhalothrin	68085-85-8	1 500	1 500	800	1 500	800	1 500	10 000	10 000
cypermethrin	52315-07-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
cyromazine	66215-27-8	2 500	2 500	1 000	2 500	1 000	2 500	20 000	20 000
dalapon	75-99-0	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
daminozide	1596-84-5	8 000	8 000	4 000	8 000	4 000	8 000	20 000	20 000
demeton	8065-48-3	10	10	6	10	6	10	95	95
diallate	2303-16-4	2 000	2 000	1 000	2 000	1 000	2 000	5 500	5 500

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
diaminotoluene, 2,5-	95-70-5	65	65	30	65	30	65	450	450
diazinon	333-41-5	200	200	100	200	100	200	1 500	1 500
dibenz(a,h)anthracene	53-70-3	100	100	50	100	50	100	300	500
dibenzo(a,e)pyrene	192-65-4	10	10	6	10	6	10	25	25
dibenzofuran	132-64-9	300	300	150	300	150	300	2 500	2 500
dibenzothiophene	132-65-0	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
dibromo-3-chloropropane, 1,2-	96-12-8	40	40	20	40	20	40	400	400
dibromobenzene, 1,3-	108-36-1	100	100	60	100	60	100	950	950
dibromobenzene, 1,4-	106-37-6	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
dibromochloromethane [DBCM]	124-48-1	1 500	1 500	850	1 500	850	1 500	4 000	4 000
dibromoethane, 1,2-	106-93-4	70	70	35	70	35	70	150	150
dibutyl phthalate [DBP]	84-74-2	85 000	85 000	40 000	85 000	40 000	85 000	250 000	> 1 000 mg/g
dibutyltin	14488-53-0	90	90	45	90	45	90	700	700
dicamba	1918-00-9	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
dichloroacetic acid	79-43-6	1 000	1 000	600	1 000	600	1 000	6 500	6 500
dichlorobenzene, 1,2-	95-50-1	75 000	75 000	35 000	75 000	35 000	75 000	250 000	> 1 000 mg/g
dichlorobenzene, 1,3	541-73-1	25 000	25 000	10 000	25 000	10 000	25 000	75 000	> 1 000 mg/g
dichlorobenzene, 1,4	106-46-7	90 000	90 000	45 000	90 000	45 000	90 000	300 000	> 1 000 mg/g
dichlorobenzidine, 3,3'-	91-94-1	300	300	150	300	150	300	750	750
dichlorodifluoromethane	75-71-8	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
dichlorodiphenyl sulfone, 4,4'-	80-07-9	250	250	150	250	150	250	2 000	2 000
dichloroethane, 1,1-	75-34-3	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g
dichloroethane, 1,2-	107-06-2	1 500	1 500	750	1 500	750	1 500	3 500	3 500
dichloroethylene, 1,1-	75-35-4	40 000	40 000	20 000	40 000	20 000	40 000	150 000	> 1 000 mg/g

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WLN)	Wildlands Reverted (WLR)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RLD)	Residential High Density (RLHD)	Commercial (CL)	Industrial (IL)
dichloroethylene, 1,2-cis-	156-59-2	1 500	1 500	850	1 500	850	1 500	5 000	150 000
dichloroethylene, 1,2-trans-	156-60-5	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g
dichloromethane	75-09-2	5 000	5 000	2 500	5 000	2 500	5 000	15 000	400 000
dichlorophenol, 2,3-	576-24-9	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenol, 2,4-	120-83-2	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenol, 2,5-	583-78-8	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenol, 2,6-	87-65-0	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenol, 3,4-	95-77-2	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenol, 3,5-	591-35-5	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
dichlorophenoxy acetic acid, 2,4- [2,4-D]	94-75-7	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
dichlorophenoxy butyric acid, 2,4- [2,4-DB]	94-82-6	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
dichloropropane, 1,2-	78-87-5	10 000	10 000	6 000	10 000	6 000	10 000	35 000	100 000
dichloropropane, 1,3-	142-28-9	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
dichloropropanol, 2,3-	616-23-9	900	900	450	900	450	900	7 000	7 000
dichloropropene, 1,3- (cis + trans)	542-75-6	25 000	25 000	10 000	25 000	10 000	25 000	75 000	> 1 000 mg/g
dichlorvos	62-73-7	150	150	80	150	80	150	1 000	1 000
dicrotophos	141-66-2	30	30	15	30	15	30	250	250
dicyclopentadiene	77-73-6	25 000	25 000	15 000	25 000	15 000	25 000	200 000	200 000
dieldrin	60-57-1	8.5	8.5	4.5	8.5	4.5	8.5	20	20
diethanolamine	111-42-2	650	650	300	650	300	650	4 500	4 500
diethyl ether	60-29-7	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
diethyl phthalate	84-66-2	250 000	250 000	150 000	250 000	150 000	250 000	> 1 000 mg/g	> 1 000 mg/g
diethyldithiocarbamate	392-74-5	100	100	50	100	50	100	250	250
diethylene glycol monobutyl ether	112-34-5	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
diethylene glycol monoethyl ether	111-90-0	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
diethylformamide	617-84-5	300	300	150	300	150	300	2 500	2 500
diflubenzuron	35367-38-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
diisobutylene	25167-70-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
dimethipin	55290-64-7	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
dimethoate	60-51-5	65	65	30	65	30	65	450	450
dimethoxybenzidine, 3,3'-	119-90-4	85	85	45	85	45	85	200	200
dimethyl methylphosphonate	756-79-6	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
dimethylamino azobenzene, 4-[DAB]	60-11-7	30	30	15	30	15	30	70	70
dimethylaniline, 2,4-	95-68-1	650	650	300	650	300	650	1 500	1 500
dimethylaniline, N,N-[DMA]	121-69-7	650	650	300	650	300	650	4 500	4 500
dimethylbenz(a)anthracene, 7,12-	57-97-6	0.2	0.2	0.2	0.2	0.2	0.2	0.25	0.25
dimethylbenzidine, 3,3'-	119-93-7	15	15	6.5	15	6.5	15	30	30
dimethylformamide	68-12-2	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
dimethylhydrazine, 1,1-	57-14-7	30	30	15	30	15	30	250	250
dimethylphenol, 2,4-	105-67-9	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
dimethylphenol, 2,6-	576-26-1	500	500	250	500	250	500	1 500	40 000
dimethylphenol, 3,4-	95-65-8	850	850	400	850	400	850	2 500	70 000
dimethylterephthalate	120-61-6	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
dinitrobenzene, 1,2-	528-29-0	30	30	15	30	15	30	250	250
dinitrobenzene, 1,3-	99-65-0	30	30	15	30	15	30	250	250
dinitrobenzene, 1,4-	100-25-4	30	30	15	30	15	30	250	250
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5	650	650	300	650	300	650	4 500	4 500
dinitrophenol, 2,4-	51-28-5	1 500	1 500	850	1 500	850	1 500	5 000	150 000
dinitrotoluene, 2,4-	121-14-2	450	450	200	450	200	450	1 000	1 000
dinitrotoluene, 2,6-	606-20-2	90	90	45	90	45	90	200	200
dinitrotoluene, 2-amino-4,6-	35572-78-2	650	650	300	650	300	650	4 500	4 500
dinitrotoluene, 4-amino-2,6-	19406-51-0	650	650	300	650	300	650	4 500	4 500
dinoseb	88-85-7	300	300	150	300	150	300	2 500	2 500
dioxane, 1,4-	123-91-1	1 500	1 500	700	1 500	700	1 500	3 500	3 500
diphenamid	957-51-7	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
diphenyl sulfone	127-63-9	250	250	150	250	150	250	2 000	2 000
diphenyl-1,4-benzenediamine, N,N'-	74-31-7	90	90	45	90	45	90	700	700
diphenylamine	122-39-4	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
diquat (as dibromide)	85-00-7	700	700	350	700	350	700	5 000	5 000
Direct Black 38	1937-37-7	20	20	10	20	10	20	45	45
Direct Blue 6	2602-46-2	20	20	9.5	20	9.5	20	45	45
Direct Brown 95	16071-86-6	20	20	10	20	10	20	50	50
disulfoton	298-04-4	10	10	6	10	6	10	95	95

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
diuron	330-54-1	650	650	300	650	300	650	4 500	4 500
dodine	2439-10-3	1 000	1 000	600	1 000	600	1 000	9 500	9 500
endosulfan I + II	115-29-7	5 000	5 000	2 500	5 000	2 500	5 000	15 000	400 000
endothall	145-73-3	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
endrin	72-20-8	90	90	45	90	45	90	700	700
EPTC	759-94-4	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
ethanol, 2-(2-methoxyethoxy)-	111-77-3	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
ethephon	16672-87-0	1 500	1 500	800	1 500	800	1 500	10 000	10 000
ethion	563-12-2	150	150	80	150	80	150	1 000	1 000
ethoxyethanol, 2-	110-80-5	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
ethoxyethanol acetate, 2-	111-15-9	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
ethyl acetate	141-78-6	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
ethyl acrylate	140-88-5	1 500	1 500	800	1 500	800	1 500	10 000	10 000
ethylene cyanohydrin	109-78-4	20 000	20 000	10 000	20 000	10 000	20 000	150 000	150 000
ethylene thiourea	96-45-7	25	25	15	25	15	25	200	200
ethylenediamine	107-15-3	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
ethyleneimine	151-56-4	2	2	1	2	1	2	5	5
ethyl-p-nitrophenyl benzenethiophosphonate [EPN]	2104-64-5	3	3	1.5	3	1.5	3	25	25
fenamiphos	22224-92-6	80	80	40	80	40	80	600	600
fenpropathrin	39515-41-8	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
fenvalerate	51630-58-1	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
fluometuron	2164-17-2	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
fluorene	86-73-7	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
fluoride	16984-48-8	85 000	85 000	45 000	85 000	45 000	85 000	250 000	> 1 000 mg/g
fluridone	59756-60-4	25 000	25 000	15 000	25 000	15 000	25 000	200 000	200 000
flurprimidol	56425-91-3	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
flusilazole	85509-19-9	200	200	100	200	100	200	1 500	1 500
flutolanil	66332-96-5	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
fluvalinate	69409-94-5	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
folpet	133-07-3	30 000	30 000	15 000	30 000	15 000	30 000	95 000	95 000
fomesafen	72178-02-0	750	750	350	750	350	750	1 500	1 500
fonofos	944-22-9	650	650	300	650	300	650	4 500	4 500
formaldehyde	50-00-0	65 000	65 000	30 000	65 000	30 000	65 000	450 000	450 000
formic acid	64-18-6	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
fosetyl	15845-66-6	900 000	900 000	450 000	900 000	450 000	900 000	> 1 000 mg/g	> 1 000 mg/g
furan	110-00-9	300	300	150	300	150	300	2 500	2 500
furazolidone	67-45-8	35	35	20	35	20	35	85	85
furfural	98-01-1	900	900	450	900	450	900	7 000	7 000
furmecyclox	60568-05-0	4 500	4 500	2 500	4 500	2 500	4 500	10 000	10 000
furothiazole	531-82-8	90	90	45	90	45	90	200	200
glufosinate	53369-07-6	100	100	60	100	60	100	950	950
glycidaldehyde	765-34-4	100	100	60	100	60	100	950	950
glyphosate	1071-83-6	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
guanidine	113-00-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
haloxyfop, methyl	69806-40-2	15	15	8	15	8	15	100	100
HEPHs	NA	10 000	10 000	10 000	10 000	10 000	10 000	50 000	50 000
heptachlor	76-44-8	30	30	15	30	15	30	75	75

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
heptachlor epoxide	1024-57-3	4	4	2	4	2	4	30	30
hexabromobenzene	87-82-1	650	650	300	650	300	650	4 500	4 500
hexabromobiphenyl, 2,2',4,4',5,5'-	59536-65-1	0.9	0.9	0.45	0.9	0.45	0.9	2	2
hexachlorobenzene	118-74-1	650	650	350	650	350	650	2 000	4 500
hexachlorobutadiene	87-68-3	300	300	150	300	150	300	2 500	2 500
hexachlorocyclohexane, alpha-	319-84-6	20	20	10	20	10	20	50	50
hexachlorocyclohexane, beta-	319-85-7	80	80	40	80	40	80	200	200
hexachlorocyclohexane, gamma-	58-89-9	250	250	100	250	100	250	750	2 500
hexachlorocyclopentadiene	77-47-4	2 000	2 000	950	2 000	950	2 000	15 000	15 000
hexachloroethane	67-72-1	200	200	100	200	100	200	1 500	1 500
hexachlorophene	70-30-4	90	90	45	90	45	90	700	700
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4	900	900	450	900	450	900	3 000	3 000
hexamethylphosphoramide	680-31-9	100	100	60	100	60	100	950	950
hexanone, 2-	591-78-6	1 500	1 500	800	1 500	800	1 500	10 000	10 000
hexazinone	51235-04-2	10 000	10 000	5 000	10 000	5 000	10 000	80 000	80 000
hexythiazox	78587-05-0	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
hydramethylnon	67485-29-4	90	90	45	90	45	90	700	700
hydrazine	302-01-2	45	45	25	45	25	45	100	100
hydroquinone	123-31-9	2 500	2 500	1 000	2 500	1 000	2 500	5 500	5 500
imazalil	35554-44-0	4000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
imazaquin	81335-37-7	80 000	80 000	40 000	80 000	40 000	80 000	600 000	600 000
imazethapyr	81335-77-5	80 000	80 000	40 000	80 000	40 000	80 000	600 000	600 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
indeno(1,2,3-cd)pyrene	193-39-5	950	950	500	950	500	950	3 000	5 000
iprodione	36734-19-7	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
iron	7439-89-6	350 000	350 000	350 000	350 000	350 000	350 000	> 1 000 mg/g	> 1 000 mg/g
isobutanol	78-83-1	90 000	90 000	45 000	90 000	45 000	90 000	700 000	700 000
isophorone	78-59-1	65 000	65 000	30 000	65 000	30 000	65 000	350 000	350 000
isopropalin	33820-53-0	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
isopropanol	67-63-0	650 000	650 000	300 000	650 000	300 000	650 000	> 1 000 mg/g	> 1 000 mg/g
isopropylbenzene	98-82-8	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
isoxaben	82558-50-7	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
lactofen	77501-63-4	650	650	300	650	300	650	4 500	4 500
LEPHs	NA	10 000	10 000	10 000	10 000	10 000	10 000	20 000	20 000
linuron	330-55-2	650	650	300	650	300	650	4 500	4 500
lithium	7439-93-2	650	650	300	650	300	650	4 500	4 500
malathion	121-75-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
malononitrile	109-77-3	30	30	15	30	15	30	250	250
mancozeb	8018-01-7	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
maneb	12427-38-2	1 500	1 500	800	1 500	800	1 500	10 000	10 000
mecoprop [MCPPE]	93-65-2	300	300	150	300	150	300	2 500	2 500
merphos	150-50-5	9	9	4.5	9	4.5	9	70	70
metalaxyl	57837-19-1	20 000	20 000	9 500	20 000	9 500	20 000	150 000	150 000
methacrylonitrile	126-98-7	30	30	15	30	15	30	250	250
methamidophos	10265-92-6	15	15	8	15	8	15	100	100
methidathion	950-37-8	300	300	150	300	150	300	2 500	2 500
methomyl	16752-77-5	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
methoxy-5-nitroaniline, 2-	99-59-2	3 000	3 000	1 500	3 000	1 500	3 000	6 500	6 500
methoxychlor	72-43-5	1 500	1 500	800	1 500	800	1 500	10 000	10 000
methoxyethanol, 2-	109-86-4	1 500	1 500	800	1 500	800	1 500	10 000	10 000
methoxyethanol acetate, 2-	110-49-6	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
methyl acetate	79-20-9	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
methyl ethyl ketone [MEK]	78-93-3	200 000	200 000	95 000	200 000	95 000	200 000	> 1 000 mg/g	> 1 000 mg/g
methyl hydrazine	60-34-4	300	300	150	300	150	300	2 500	2 500
methyl mercury	22967-92-6	30	30	15	30	15	30	250	250
methyl methacrylate	80-62-6	450 000	450 000	200 000	450 000	200 000	450 000	> 1 000 mg/g	> 1 000 mg/g
methyl tert-butyl ether [MTBE]	1634-04-4	80 000	80 000	40 000	80 000	40 000	80 000	200 000	200 000
methyl-5-nitroaniline, 2-	99-55-8	6 500	6 500	3 000	6 500	3 000	6 500	35 000	35 000
methylaniline, 2-	95-53-4	200	200	100	200	100	200	500	500
methylaniline, 4-	106-49-0	1 000	1 000	600	1 000	600	1 000	9 500	9 500
methylaniline, N-	100-61-8	650	650	300	650	300	650	4 500	4 500
methylcholanthrene, 3-	56-49-5	1.5	1.5	0.7	1.5	0.7	1.5	15	15
methylene-bis(2-chloroaniline), 4,4'-	101-14-4	300	300	150	300	150	300	3 500	3 500
methylene-bis(N, N-dimethyl) aniline, 4,4'-	101-61-1	3 000	3 000	1 500	3 000	1 500	3 000	7 000	7 000
methylenebisbenzenamine, 4,4'-	101-77-9	85	85	45	85	45	85	200	200
methylnaphthalene, 1-	90-12-0	5 000	5 000	2 500	5 000	2 500	5 000	10 000	10 000
methylnaphthalene, 2-	91-57-6	1 000	1 000	600	1 000	600	1 000	9 500	9 500
methylphenol, 2-	95-48-7	40 000	40 000	20 000	40 000	20 000	40 000	150 000	> 1 000 mg/g
methylphenol, 3-	108-39-4	40 000	40 000	20 000	40 000	20 000	40 000	150 000	> 1 000 mg/g

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
methylphenol, 4-	106-44-5	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
methylphenol, 4-chloro-3-	59-50-7	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
methylstyrene, alpha-	98-83-9	20 000	20 000	10 000	20 000	10 000	20 000	150 000	150 000
metolachlor	51218-45-2	50 000	50 000	25 000	50 000	25 000	50 000	350 000	350 000
metribuzin	21087-64-9	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
metsulfuron-methyl	74223-64-6	80 000	80 000	40 000	80 000	40 000	80 000	600 000	600 000
mirex	2385-85-5	8	8	4	8	4	8	20	20
molinate	2212-67-1	650	650	300	650	300	650	4 500	4 500
monomethylarsonic acid	124-58-3	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
myclobutanil	88671-89-0	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
naled	300-76-5	650	650	300	650	300	650	4 500	4 500
naphthylamine, 2-	91-59-8	80	80	40	80	40	80	200	200
napropamide	15299-99-7	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
nitrate (as N)	14797-55-8	500 000	500 000	250 000	500 000	250 000	500 000	> 1 000 mg/g	> 1 000 mg/g
nitrite (as N)	14797-65-0	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
nitroaniline, 2-	88-74-4	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
nitroaniline, 4-	100-01-6	1 000	1 000	600	1 000	600	1 000	9 500	9 500
nitrobenzene	98-95-3	650	650	300	650	300	650	4 500	4 500
nitrofurazone	59-87-0	100	100	55	100	55	100	250	250
nitroglycerin	55-63-0	30	30	15	30	15	30	250	250
nitroguanidine	556-88-7	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
nitrophenol, 2-	88-75-5	20	20	1	20	10	20	100	100
nitrophenol, 4-	100-02-7	20	20	1	20	10	20	100	100
nitropyrene, 4-	57835-92-4	100	100	60	100	60	100	250	250

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
nitrosodiethanolamine, N-	1116-54-7	50	50	25	50	25	50	100	100
nitrosodiethylamine, N-[NDEA]	55-18-5	0.2	0.2	0.1	0.2	0.1	0.2	2	2
nitrosodimethylamine, N-[NDMA]	62-75-9	0.6	0.6	0.3	0.6	0.3	0.6	6.5	6.5
nitroso-di-N-butylamine, N-	924-16-3	25	25	15	25	15	25	60	60
nitroso-di-N-propylamine, N-	621-64-7	20	20	10	20	10	20	45	45
nitrosodiphenylamine, N-	86-30-6	30 000	30 000	15 000	30 000	15 000	30 000	65 000	65 000
nitrosomethylethylamine, N-	10595-95-6	6.5	6.5	3	6.5	3	6.5	15	15
nitrosomorpholine, N-	59-89-2	20	20	10	20	10	20	50	50
nitrosopiperidine, N-	100-75-4	15	15	7.5	15	7.5	15	35	35
nitrosopyrrolidine, N-	930-55-2	65	65	35	65	35	65	150	150
nitrotoluene, 2-	88-72-2	300	300	150	300	150	300	1 500	1 500
nitrotoluene, 3-	99-08-1	30	30	15	30	15	30	250	250
nitrotoluene, 4-	99-99-0	1 000	1 000	600	1 000	600	1 000	9 500	9 500
nonane, n-	111-84-2	90	90	45	90	45	90	700	700
nonaqueous phase liquids	NA	not present	not present	not present	not present	not present	not present	not present	not present
norflurazon	27314-13-2	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine [HMX]	2691-41-0	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
octamethylpyrophosphoramidate [OMPA]	152-16-9	650	650	300	650	300	650	4 500	4 500
octyl phthalate, di-n- [DNOP]	117-84-0	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
odorous substances	NA	not present	not present	not present	not present	not present	not present	not present	not present
oryzalin	19044-88-3	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
oxadiazon	19666-30-9	1 500	1 500	800	1 500	800	1 500	10 000	10 000
oxamyl	23135-22-0	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
oxyfluorfen	42874-03-3	900	900	450	900	450	900	7 000	7 000
paclobutrazol	76738-62-0	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
paraquat (as dichloride)	1910-42-5	1 500	1 500	700	1 500	700	1 500	10 000	10 000
parathion	56-38-2	2 000	2 000	950	2 000	950	2 000	15 000	15 000
parathion methyl	298-00-0	80	80	40	80	40	80	600	600
pebulate	1114-71-2	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
pendimethalin	40487-42-1	10 000	10 000	6 000	10 000	6 000	10 000	95 000	95 000
pentachlorobenzene, 1,2,3,4,5-	608-93-5	650	650	350	650	350	650	2 000	55 000
pentachloroethane	76-01-7	1 500	1 500	750	1 500	750	1 500	3 500	3 500
pentachloronitrobenzene [PCNB]	82-68-8	550	550	250	550	250	550	1 500	1 500
pentaerythritol tetranitrate [PETN]	78-11-5	650	650	300	650	300	650	4 500	4 500
perchlorate	14797-73-0	200	200	100	200	100	200	1 500	1 500
perfluorobutane sulfonate [PFBS]	375-73-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
permethrin (cis + trans)	52645-53-1	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
phenanthrene	85-01-8	35 000	35 000	15 000	35 000	15 000	35 000	100 000	> 1 000 mg/g
phenmedipham	13684-63-4	80 000	80 000	40 000	80 000	40 000	80 000	600 000	600 000
phenol, 2-methyl-4,6-dinitro-	534-52-1	25	25	15	25	15	25	200	200
phenothiazine	92-84-2	150	150	80	150	80	150	1 000	1 000
phenylenediamine, m- [MPD]	108-45-2	2 000	2 000	950	2 000	950	2 000	15 000	15 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
phenylenediamine, o- [OPD]	95-54-5	3 000	3 000	1 500	3 000	1 500	3 000	7 000	7 000
phenylenediamine, p- [PPD]	106-50-3	60 000	60 000	30 000	60 000	30 000	60 000	450 000	450 000
phenylphenol, 2-	90-43-7	70 000	70 000	35 000	70 000	35 000	70 000	150 000	150 000
phorate	298-02-2	65	65	30	65	30	65	450	450
phosmet	732-11-6	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
phthalic acid, p-	100-21-0	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
picloram	1918-02-1	20 000	20 000	10 000	20 000	10 000	20 000	150 000	150 000
picramic acid	96-91-3	30	30	15	30	15	30	250	250
picric acid	88-89-1	300	300	150	300	150	300	2 000	2 000
pirimiphos- methyl	29232-93-7	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
prochloraz	67747-09-5	900	900	450	900	450	900	2 000	2 000
profluralin	26399-36-0	2 000	2 000	950	2 000	950	2 000	15 000	15 000
prometon	1610-18-0	5 000	5 000	2 500	5 000	2 500	5 000	35 000	35 000
prometryn	7287-19-6	1 000	1 000	600	1 000	600	1 000	9 500	9 500
propachlor	1918-16-7	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
propanil	709-98-8	1 500	1 500	800	1 500	800	1 500	10 000	10 000
propargite	2312-35-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
propargyl alcohol	107-19-7	650	650	300	650	300	650	4 500	4 500
propazine	139-40-2	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
propham	122-42-9	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
propiconazole	60207-90-1	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
propylbenzene, 1-	103-65-1	30 000	30 000	15 000	30 000	15 000	30 000	250 000	250 000
propylene glycol monomethyl ether	107-98-2	200 000	200 000	100 000	200 000	100 000	200 000	> 1 000 mg/g	> 1 000 mg/g

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
propylene oxide	75-56-9	600	600	300	600	300	600	1 500	1 500
propyzamide	23950-58-5	25 000	25 000	10 000	25 000	10 000	25 000	200 000	200 000
pyrene	129-00-0	25 000	25 000	10 000	25 000	10 000	25 000	75 000	> 1 000 mg/g
pyridine	110-86-1	300	300	150	300	150	300	2 500	2 500
quinalphos	13593-03-8	150	150	80	150	80	150	1 000	1 000
quinoline	91-22-5	45	45	25	45	25	45	100	100
quizalofop-ethyl	76578-14-8	3 000	3 000	1 500	3 000	1 500	3 000	20 000	20 000
resmethrin	10453-86-8	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
ronnel	299-84-3	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000
rotenone	83-79-4	1 000	1 000	600	1 000	600	1 000	9 500	9 500
selenious acid	7783-00-8	1 500	1 500	800	1 500	800	1 500	10 000	10 000
sethoxydim	74051-80-2	30 000	30 000	15 000	30 000	15 000	30 000	200 000	200 000
silver	7440-22-4	4 000	4 000	2 000	4 000	2 000	4 000	15 000	350 000
silvex	93-72-1	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
simazine	122-34-9	1 000	1 000	600	1 000	600	1 000	2 500	2 500
strontium	7440-24-6	200 000	200 000	95 000	200 000	95 000	200 000	> 1 000 mg/g	> 1 000 mg/g
strychnine	57-24-9	90	90	45	90	45	90	700	700
styrene	100-42-5	150 000	150 000	85 000	150 000	85 000	150 000	500 000	> 1 000 mg/g
styrene-acrylonitrile [SAN] trimer (all isomers)	NA	900	900	450	900	450	900	7 000	7 000
sulfotep	3689-24-5	150	150	80	150	80	150	1 000	1 000
sulfur, elemental	7704-34-9			20 000					
TCMTB	21564-17-0	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
tebuthiuron	34014-18-1	20 000	20 000	10 000	20 000	10 000	20 000	150 000	150 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
temephos	3383-96-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
terbacil	5902-51-2	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
terbufos	13071-79-9	8	8	4	8	4	8	60	60
terbutryn	886-50-0	300	300	150	300	150	300	2 500	2 500
tetrachlorobenzene, 1,2,3,4-	634-66-2	3 000	3 000	1 500	3 000	1 500	3 000	8 500	250 000
tetrachlorobenzene, 1,2,3,5-	634-90-2	400	400	200	400	200	400	1 500	35 000
tetrachlorobenzene, 1,2,4,5-	95-94-3	90	90	45	90	45	90	700	700
tetrachloroethane, 1,1,1,2-	630-20-6	5 500	5 500	2 500	5 500	2 500	5 500	15 000	15 000
tetrachloroethane, 1,1,2,2-	79-34-5	700	700	350	700	350	700	1 500	1 500
tetrachlorophenol, 2,3,4,5-	4901-51-3	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
tetrachlorophenol, 2,3,4,6-	58-90-2	25 000	25 000	10 000	25 000	10 000	25 000	75 000	> 1 000 mg/g
tetrachlorophenol, 2,3,5,6-	935-95-5	2 500	2 500	1 000	2 500	1 000	2 500	7 500	200 000
tetrachlorovinphos	961-11-5	6 000	6 000	3 000	6 000	3 000	6 000	15 000	15 000
tetraethyl lead	78-00-2	0.03	0.03	0.015	0.03	0.015	0.03	0.25	0.25
tetrahydrofuran	109-99-9	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
tetryl	479-45-8	650	650	300	650	300	650	4 500	4 500
thallium	7440-28-0			20					
thifensulfuron-methyl	79277-27-3	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
thiobencarb	28249-77-6	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
thiocyanate	302-04-5	65	65	30	65	30	65	450	450
thiodiglycol	111-48-8	20 000	20 000	10 000	20 000	10 000	20 000	150 000	150 000
thiofanox	39196-18-4	90	90	45	90	45	90	700	700
thiophanate- methyl	23564-05-8	25 000	25 000	15 000	25 000	15 000	25 000	200 000	200 000
thiophenol	108-98-5	300	300	150	300	150	300	2 500	2 500

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
thiram	137-26-8	1 500	1 500	800	1 500	800	1 500	10 000	10 000
tin	7440-31-5	500 000	500 000	250 000	500 000	250 000	500 000	> 1 000 mg/g	> 1 000 mg/g
toxaphene (all isomers)	8001-35-2	150	150	65	150	65	150	300	300
tralomethrin	66841-25-6	2 500	2 500	1 000	2 500	1 000	2 500	20 000	20 000
triadimefon	43121-43-3	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
triallate	2303-17-5	4 000	4 000	2 000	4 000	2 000	4 000	30 000	30 000
triasulfuron	82097-50-5	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
tribenuron-methyl	101200-48-0	2 500	2 500	1 500	2 500	1 500	2 500	20 000	20 000
tribromobenzene, 1,2,4-	615-54-3	1 500	1 500	800	1 500	800	1 500	10 000	10 000
tribufos	78-48-8	9	9	4.5	9	4.5	9	70	70
tributyl phosphate	126-73-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
tributyltin	36643-28-4	90	90	45	90	45	90	700	700
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
trichloroacetic acid	76-03-9	2 000	2 000	1 000	2 000	1 000	2 000	4 500	4 500
trichloroaniline, 2,4,6-	634-93-5	9	9	4.5	9	4.5	9	70	70
trichlorobenzene, 1,2,3-	87-61-6	1 000	1 000	600	1 000	600	1 000	4 000	100 000
trichlorobenzene, 1,2,4-	120-82-1	8 500	8 500	4 000	8 500	4 000	8 500	25 000	700 000
trichlorobenzene, 1,3,5-	108-70-3	6 500	6 500	3 500	6 500	3 500	6 500	20 000	550 000
trichloroethane, 1,1,1-	71-55-6	> 1 000 mg/g	> 1 000 mg/g	850 000	> 1 000 mg/g	850 000	> 1 000 mg/g	> 1 000 mg/g	> 1 000 mg/g
trichloroethane, 1,1,2-	79-00-5	3 500	3 500	1 500	3 500	1 500	3 500	10 000	300 000
trichlorofluoromethane	75-69-4	90 000	90 000	45 000	90 000	45 000	90 000	700 000	700 000
trichlorophenol, 2,3,4-	15950-66-0	850	850	400	850	400	850	2 500	70 000
trichlorophenol, 2,3,5-	933-78-8	850	850	400	850	400	850	2 500	70 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands Natural (WL_N)	Wildlands Reverted (WL_R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL_{LD})	Residential High Density (RL_{HD})	Commercial (CL)	Industrial (IL)
trichlorophenol, 2,3,6-	933-75-5	850	850	400	850	400	850	2 500	70 000
trichlorophenol, 2,4,5-	95-95-4	85 000	85 000	40 000	85 000	40 000	85 000	250 000	> 1 000 mg/g
trichlorophenol, 2,4,6-	88-06-2	850	850	400	850	400	850	2 500	70 000
trichlorophenol, 3,4,5-	609-19-8	850	850	400	850	400	850	2 500	70 000
trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
trichloropropane, 1,1,2-	598-77-6	1 500	1 500	800	1 500	800	1 500	10 000	10 000
trichloropropane, 1,2,3-	96-18-4	1	1	0.5	1	0.5	1	10	10
trichloropropene, 1,2,3-	96-19-5	900	900	450	900	450	900	7 000	7 000
tricresyl phosphate [TCP]	1330-78-5	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
tridiphane	58138-08-2	900	900	450	900	450	900	7 000	7 000
triethylene glycol	112-27-6	650 000	650 000	300 000	650 000	300 000	650 000	> 1 000 mg/g	> 1 000 mg/g
trifluralin	1582-09-8	2 500	2 500	1 000	2 500	1 000	2 500	20 000	20 000
trimethyl phosphate	512-56-1	3 000	3 000	1 500	3 000	1 500	3 000	15 000	15 000
trimethylbenzene, 1,3,5-	108-67-8	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
trinitrobenzene, 1,3,5-	99-35-4	9 000	9 000	4 500	9 000	4 500	9 000	70 000	70 000
trinitrotoluene, 2,4,6-	118-96-7	150	150	80	150	80	150	1 000	1 000
tris(1,3-dichloro-2-propyl) phosphate [TDCPP]	13674-87-8	6 500	6 500	3 000	6 500	3 000	6 500	45 000	45 000
tris(1-chloro-2-propyl) phosphate [TCPP]	13674-84-5	3 000	3 000	1 500	3 000	1 500	3 000	25 000	25 000
tris(2,3-dibromopropyl) phosphate	126-72-7	60	60	30	60	30	60	150	150

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands Natural (WL _N)	Wildlands Reverted (WL _R)	Agricultural (AL)	Urban Park (PL)	Residential Low Density (RL _{LD})	Residential High Density (RL _{HD})	Commercial (CL)	Industrial (IL)
tris(2-chloroethyl)phosphate [TCEP]	115-96-8	2 000	2 000	1 000	2 000	2 000	2 000	15 000	15 000
tris(2-ethylhexyl)phosphate	78-42-2	30 000	30 000	15 000	30 000	15 000	30 000	100 000	100 000
tungsten	7440-33-7	250	250	150	250	150	250	2 000	2 000
vernolate	1929-77-7	300	300	150	300	150	300	2 500	2 500
vinclozolin	50471-44-8	8 000	8 000	4 000	8 000	4 000	8 000	60 000	60 000
vinyl acetate	108-05-4	300 000	300 000	150 000	300 000	150 000	300 000	> 1 000 mg/g	> 1 000 mg/g
vinyl chloride	75-01-4	20	20	9.5	20	9.5	20	450	450
VPHs	NA	2 000	2 000	2 000	2 000	2 000	2 000	2 000	2 000
warfarin	81-81-2	90	90	45	90	45	90	700	700
zineb	12122-67-7	15 000	15 000	8 000	15 000	8 000	15 000	100 000	100 000

Notes

1. All values in µg/g unless otherwise stated.
2. NA – not applicable. No CAS number exists for the substance.

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
acenaphthene	83-32-9								
acephate	30560-19-1								
acetic acid, 2-methyl-4- chlorophenoxy- [MCPA]	94-74-6								
acetochlor	34256-82-1								
acetone	67-64-1								
acetophenone	98-86-2								
acrolein	107-02-8								
acrylamide	79-06-1								
acrylic acid	79-10-7								
acrylonitrile	107-13-1								
adipic acid	124-04-9								
alachlor	15972-60-8								
aldicarb	116-06-3								
aldicarb sulfone	1646-88-4								
aldrin	309-00-2								
allyl alcohol	107-18-6								
allyl chloride	107-05-1								
aluminum	7429-90-5								
ametryn	834-12-8								
aminobiphenyl, 4-	92-67-1								
aminophenol, 3-	591-27-5								
aminophenol, 4-	123-30-8								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
amitraz	33089-61-1								
aniline	62-53-3								
anthraquinone, 9,10-	84-65-1								
antimony	7440-36-0	150	200	200	200	200	400	400	400
aramite	140-57-8								
asbestos	1332-21-4								
asulam	3337-71-1								
atrazine	1912-24-9								
auramine	492-80-8								
ivermectin B1 (a + b)	71751-41-2								
azinphos-methyl	86-50-0								
azobenzene	103-33-3								
azodicarbonamide	123-77-3								
benfluralin	1861-40-1								
benomyl	17804-35-2								
bensulfuron-methyl	83055-99-6								
bentazon	25057-89-0								
benz(a)anthracene	56-55-3	6.5	10	1	10	10	100	100	100
1,4-benzenediamine-2methyl	95-70-5								
benzidine	92-87-5								
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3	6.5	10	1	10	10	100	100	100
benzo(k)fluoranthene	207-08-9	6.5	10	1	10	10	100	100	100

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
benzoic acid	65-85-0								
benzotrithloride	98-07-7								
benzyl alcohol	100-51-6								
benzyl chloride	100-44-7								
bifenox	42576-02-3								
bifenthrin	82657-04-3								
biphenyl, 1,1'-	92-52-4								
bis(2-chloro-1-methylethyl) ether	108-60-1								
bis(2-chloroethoxy) methane	111-91-1								
bis(2-chloroethyl) ether	111-44-4								
bis(2-ethylhexyl) adipate	103-23-1								
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7			300					
bisphenol A	80-05-7								
boron	7440-42-8								
boron (hot water soluble)	NA			20					
bromate	15541-45-4								
bromo-2-chloroethane, 1-	107-04-0								
bromobenzene	108-86-1								
bromodichloromethane	75-27-4								
bromoform	75-25-2								
bromomethane	74-83-9								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
bromophos	2104-96-3								
bromoxynil	1689-84-5								
butadiene, 1,3-	106-99-0								
butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB]	94-81-5								
butanol, 2-	78-92-2								
butanol, n-	71-36-3								
butoxy ethanol, 2-	111-76-2								
butyl benzyl phthalate	85-68-7								
butyl phthalyl butyl glycolate	85-70-1								
butylate	2008-41-5								
butylated hydroxytoluene [BHT]	128-37-0								
butylbenzene, n-	104-51-8								
butylbenzene, sec-	135-98-8								
butylbenzene, tert-	98-06-6								
cacodylic acid	75-60-5								
caprolactam	105-60-2								
captafol	2425-06-1								
captan	133-06-2								
carbaryl	63-25-2								
carbofuran	1563-66-2								
carbon disulfide	75-15-0								
carbon tetrachloride	56-23-5	30	50	1	50	50	500	500	500

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
carbosulfan	55285-14-8								
carboxin	5234-68-4								
chloramben	133-90-4								
chloranil	118-75-2								
chlordane (cis + trans)	5103-71-9 & 5103-74-2								
chlordecone	143-50-0								
chlorfenvinphos	470-90-6								
chlorimuron, ethyl	90982-32-4								
chloro-2-methylaniline, 4-	95-69-2								
chloroacetaldehyde, 2-	107-20-0								
chloroaniline, p-	106-47-8								
chlorobenzene	108-90-7	6.5	10	1	10	10	100	100	100
chlorobenzilate	510-15-6								
chlorobenzoic acid, 4-	74-11-3								
chlorobenzotrichloride, 4-	5216-25-1								
chlorobenzotrifluoride, 4-	98-56-6								
chlorobutane, 1-	109-69-3								
chloroethanol, 2-	107-07-3								
chloroform	67-66-3	30	50	1	50	50	500	500	500
chloronaphthalene, 2-	91-58-7								
chloronitrobenzene, 2-	88-73-3								
chloronitrobenzene, 4-	100-00-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
chlorophenol, 2-	95-57-8	3	5	0.5	5	5	50	50	50
chlorophenol, 3-	108-43-0	3	5	0.5	5	5	50	50	50
chlorophenol, 4-	106-48-9	3	5	0.5	5	5	50	50	50
chloroprene	126-99-8								
chlorothalonil	1897-45-6								
chlorotoluene, 2-	95-49-8								
chlorotoluene, 4-	106-43-4								
chlorpropham	101-21-3								
chlorpyrifos	2921-88-2								
chlorpyrifos-methyl	5598-13-0								
chlorsulfuron	64902-72-3								
chlorthal-dimethyl	1861-32-1								
chlorthiophos	60238-56-4								
chrysene	218-01-9								
clofentezine	74115-24-5								
crotonaldehyde, trans-	123-73-9								
cyanazine	21725-46-2								
cyanogen	460-19-5								
cyclohexane, 1,2,3,4,5- pentabromo-6-chloro	87-84-3								
cyclohexanone	108-94-1								
cyclohexene	110-83-8								
cyclohexylamine	108-91-8								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
cyfluthrin	68359-37-5								
cyhalothrin	68085-85-8								
cypermethrin	52315-07-8								
cyromazine	66215-27-8								
dalapon	75-99-0								
daminozide	1596-84-5								
demeton	8065-48-3								
diallate	2303-16-4								
diaminotoluene, 2,5-	95-70-5								
diazinon	333-41-5								
dibenz(a,h)anthracene	53-70-3	6.5	10	1	10	10	100	100	100
dibenzo(a,e)pyrene	192-65-4								
dibenzofuran	132-64-9								
dibenzothiophene	132-65-0								
dibromo-3-chloropropane, 1,2-	96-12-8								
dibromobenzene, 1,3-	108-36-1								
dibromobenzene, 1,4-	106-37-6								
dibromochloromethane [DBCM]	124-48-1								
dibromoethane, 1,2-	106-93-4								
dibutyl phthalate	84-74-2			300					
dibutyltin	14488-53-0								
dicamba	1918-00-9								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
dichloroacetic acid	79-43-6								
dichlorobenzene, 1,2-	95-50-1	6.5	10	1	10	10	100	100	100
dichlorobenzene, 1,3-	541-73-1	6.5	10	1	10	10	100	100	100
dichlorobenzene, 1,4-	106-46-7	6.5	10	1	10	10	100	100	100
dichlorobenzidine, 3,3'-	91-94-1								
dichlorodifluoromethane	75-71-8								
dichlorodiphenyl sulfone, 4,4'-	80-07-9								
dichloroethane, 1,1-	75-34-3	30	50	1	50	50	500	500	500
dichloroethane, 1,2-	107-06-2	30	50	1	50	50	500	500	500
dichloroethylene, 1,1-	75-35-4	30	50	1	50	50	500	500	500
dichloroethylene, 1,2-cis-	156-59-2	30	50	1	50	50	500	500	500
dichloroethylene, 1,2-trans-	156-60-5	30	50	1	50	50	500	500	500
dichloromethane	75-09-2	30	50	1	50	50	500	500	500
dichlorophenol, 2,3-	576-24-9	3	5	0.5	5	5	50	50	50
dichlorophenol, 2,4-	120-83-2	3	5	0.5	5	5	50	50	50
dichlorophenol, 2,5-	583-78-8	3	5	0.5	5	5	50	50	50
dichlorophenol, 2,6-	87-65-0	3	5	0.5	5	5	50	50	50
dichlorophenol, 3,4-	95-77-2	3	5	0.5	5	5	50	50	50
dichlorophenol, 3,5-	591-35-5	3	5	0.5	5	5	50	50	50
dichlorophenoxy acetic acid, 2,4- [2,4-D]	94-75-7								
dichlorophenoxy butyric acid, 2,4- [2,4-DB]	94-82-6								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
dichloropropane, 1,2-	78-87-5	30	50	1	50	50	500	500	500
dichloropropane, 1,3-	142-28-9								
dichloropropanol, 2,3-	616-23-9								
dichloropropene, 1,3- (cis + trans)	542-75-6	30	50	1	50	50	500	500	500
dichlorvos	62-73-7								
dicrotophos	141-66-2								
dicyclopentadiene	77-73-6								
dieldrin	60-57-1								
diethanolamine	111-42-2								
diethyl ether	60-29-7								
diethyl phthalate	84-66-2								
diethyldithiocarbamate	392-74-5								
diethylene glycol monobutyl ether	112-34-5								
diethylene glycol monoethyl ether	111-90-0								
diethylformamide	617-84-5								
diflubenzuron	35367-38-5								
diisobutylene	25167-70-8								
dimethipin	55290-64-7								
dimethoate	60-51-5								
dimethoxybenzidine, 3,3'-	119-90-4								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
dimethyl methylphosphonate	756-79-6								
dimethylamino azobenzene, 4- [DAB]	60-11-7								
dimethylaniline, 2,4-	95-68-1								
dimethylaniline, N,N- [DMA]	121-69-7								
dimethylbenz(a)anthracene, 7,12-	57-97-6								
dimethylbenzidine, 3,3'-	119-93-7								
dimethylformamide	68-12-2								
dimethylhydrazine, 1,1-	57-14-7								
dimethylphenol, 2,4-	105-67-9	6.5	10	1	10	10	100	100	100
dimethylphenol, 2,6-	576-26-1								
dimethylphenol, 3,4-	95-65-8								
dimethylterephthalate	120-61-6								
dinitrobenzene, 1,2-	528-29-0								
dinitrobenzene, 1,3-	99-65-0								
dinitrobenzene, 1,4-	100-25-4								
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5								
dinitrophenol, 2,4-	51-28-5	6.5	10	1	10	10	100	100	100
dinitrotoluene, 2,4-	121-14-2								
dinitrotoluene, 2,6-	606-20-2								
dinitrotoluene, 2-amino-4,6-	35572-78-2								
dinitrotoluene, 4-amino-2,6-	19406-51-0								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
dinoseb	88-85-7								
dioxane, 1,4-	123-91-1								
diphenamid	957-51-7								
diphenyl sulfone	127-63-9								
diphenyl-1,4-benzenediamine, N,N'-	74-31-7								
diphenylamine	122-39-4								
diquat (as dibromide)	85-00-7								
Direct Black 38	1937-37-7								
Direct Blue 6	2602-46-2								
Direct Brown 95	16071-86-6								
disulfoton	298-04-4								
diuron	330-54-1								
dodine	2439-10-3								
endosulfan I + II	115-29-7								
endothall	145-73-3								
endrin	72-20-8								
EPTC	759-94-4								
ethanol, 2-(2-methoxyethoxy)-	111-77-3								
ethephon	16672-87-0								
ethion	563-12-2								
ethoxyethanol, 2-	110-80-5								
ethoxyethanol acetate, 2-	111-15-9								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
ethyl acetate	141-78-6								
ethyl acrylate	140-88-5								
ethylene cyanohydrin	109-78-4								
ethylene thiourea	96-45-7								
ethylenediamine	107-15-3								
ethyleneimine	151-56-4								
ethyl-p-nitrophenyl benzenethionophosphonate [EPN]	2104-64-5								
fenamiphos	22224-92-6								
fenpropathrin	39515-41-8								
fenvalerate	51630-58-1								
fluometuron	2164-17-2								
fluorene	86-73-7								
fluoride	16984-48-8	2 500	4 000	2 000	4 000	4 000	20 000	20 000	20 000
fluridone	59756-60-4								
flurprimidol	56425-91-3								
flusilazole	85509-19-9								
flutolanil	66332-96-5								
fluvalinate	69409-94-5								
folpet	133-07-3								
fomesafen	72178-02-0								
fonofos	944-22-9								
formaldehyde	50-00-0								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
formic acid	64-18-6								
fosetyl	15845-66-6								
furan	110-00-9								
furazolidone	67-45-8								
furfural	98-01-1								
furmecyclox	60568-05-0								
furothiazole	531-82-8								
glufosinate	53369-07-6								
glycidaldehyde	765-34-4								
glyphosate	1071-83-6								
guanidine	113-00-8								
haloxyfop, methyl	69806-40-2								
HEPHs	NA	6 500	10 000	10 000	10 000	10 000	50 000	50 000	50 000
heptachlor	76-44-8								
heptachlor epoxide	1024-57-3								
hexabromobenzene	87-82-1								
hexabromobiphenyl, 2,2',4,4',5,5'-	59536-65-1								
hexachlorobenzene	118-74-1	15	20	0.5	20	20	100	100	100
hexachlorobutadiene	87-68-3								
hexachlorocyclohexane, alpha-	319-84-6								
hexachlorocyclohexane, beta-	319-85-7								
hexachlorocyclohexane, gamma-	58-89-9			0.1					

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
hexachlorocyclopentadiene	77-47-4								
hexachloroethane	67-72-1								
hexachlorophene	70-30-4								
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4								
hexamethylphosphoramide	680-31-9								
hexanone, 2-	591-78-6								
hexazinone	51235-04-2								
hexythiazox	78587-05-0								
hydramethylnon	67485-29-4								
hydrazine	302-01-2								
hydroquinone	123-31-9								
imazalil	35554-44-0								
imazaquin	81335-37-7								
imazethapyr	81335-77-5								
indeno(1,2,3-cd)pyrene	193-39-5	6.5	10	1	10	10	100	100	100
iprodione	36734-19-7								
isobutanol	78-83-1								
isophorone	78-59-1								
isopropalin	33820-53-0								
isopropanol	67-63-0								
isopropylbenzene	98-82-8								
isoxaben	82558-50-7								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
lactofen	77501-63-4								
LEPHs	NA	6 500	10 000	10 000	10 000	10 000	20 000	20 000	20 000
linuron	330-55-2								
lithium	7439-93-2								
malathion	121-75-5								
malononitrile	109-77-3								
mancozeb	8018-01-7								
maneb	12427-38-2								
mecoprop [MCPP]	93-65-2								
merphos	150-50-5								
metalaxyl	57837-19-1								
methacrylonitrile	126-98-7								
methamidophos	10265-92-6								
methidathion	950-37-8								
methomyl	16752-77-5								
methoxy-5-nitroaniline, 2-	99-59-2								
methoxychlor	72-43-5								
methoxyethanol, 2-	109-86-4								
methoxyethanol acetate, 2-	110-49-6								
methyl acetate	79-20-9								
methyl ethyl ketone [MEK]	78-93-3								
methyl hydrazine	60-34-4								
methyl mercury	22967-92-6								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
methyl methacrylate	80-62-6								
methyl tert-butyl ether [MTBE]	1634-04-4								
methyl-5-nitroaniline, 2-	99-55-8								
methylaniline, 2-	95-53-4								
methylaniline, 4-	106-49-0								
methylaniline, N-	100-61-8								
methylcholanthrene, 3-	56-49-5								
methylene-bis(2-chloroaniline), 4,4'-	101-14-4								
methylene-bis(N, N-dimethyl) aniline, 4,4'-	101-61-1								
methylenebisbenzenamine, 4,4'-	101-77-9								
methylnaphthalene, 1-	90-12-0								
methylnaphthalene, 2-	91-57-6								
methylphenol, 2-	95-48-7	6.5	10	1	10	10	100	100	100
methylphenol, 3-	108-39-4	6.5	10	1	10	10	100	100	100
methylphenol, 4-	106-44-5	6.5	10	1	10	10	100	100	100
methylphenol, 4-chloro-3-	59-50-7								
methylstyrene, alpha-	98-83-9								
metolachlor	51218-45-2								
metribuzin	21087-64-9								
metsulfuron-methyl	74223-64-6								
mirex	2385-85-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
molinate	2212-67-1								
monomethylarsonic acid	124-58-3								
myclobutanil	88671-89-0								
naled	300-76-5								
naphthylamine, 2-	91-59-8								
napropamide	15299-99-7								
nitrate (as N)	14797-55-8								
nitrite (as N)	14797-65-0								
nitroaniline, 2-	88-74-4								
nitroaniline, 4-	100-01-6								
nitrobenzene	98-95-3								
nitrofurazone	59-87-0								
nitroglycerin	55-63-0								
nitroguanidine	556-88-7								
nitrophenol, 2-	88-75-5	6.5	10	1	10	10	100	100	100
nitrophenol, 4-	100-02-7	6.5	10	1	10	10	100	100	100
nitropyrene, 4-	57835-92-4								
nitrosodiethanolamine, N-	1116-54-7								
nitrosodiethylamine, N- [NDEA]	55-18-5								
nitrosodimethylamine, N- [NDMA]	62-75-9								
nitroso-di-N-butylamine, N-	924-16-3								
nitroso-di-N-propylamine, N-	621-64-7								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
nitrosodiphenylamine, N-	86-30-6								
nitrosomethylethylamine, N-	10595-95-6								
nitrosomorpholine, N-	59-89-2								
nitrosopiperidine, N-	100-75-4								
nitrosopyrrolidine, N-	930-55-2								
nitrotoluene, 2-	88-72-2								
nitrotoluene, 3-	99-08-1								
nitrotoluene, 4-	99-99-0								
nonane, n-	111-84-2								
nonaqueous phase liquids	NA	not present	not present	not present	not present	not present	not present	not present	not present
norflurazon	27314-13-2								
octahydro-1,3,5,7-tetranitro- 1,3,5,7-tetrazocine [HMX]	2691-41-0								
octamethylpyrophosphoramidate [OMPA]	152-16-9								
octyl phthalate, di-n- [DNOP]	117-84-0								
odorous substances	NA	not present	not present	not present	not present	not present	not present	not present	not present
oryzalin	19044-88-3								
oxadiazon	19666-30-9								
oxamyl	23135-22-0								
oxyfluorfen	42874-03-3								
paclobutrazol	76738-62-0								
paraquat (as dichloride)	1910-42-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
parathion	56-38-2								
parathion methyl	298-00-0								
pebulate	1114-71-2								
pendimethalin	40487-42-1								
pentachlorobenzene, 1,2,3,4,5-	608-93-5	15	20	0.5	20	20	100	100	100
pentachloroethane	76-01-7								
pentachloronitrobenzene [PCNB]	82-68-8								
pentaerythritol tetranitrate [PETN]	78-11-5								
perchlorate	14797-73-0								
perfluorobutane sulfonate [PFBS]	375-73-5								
permethrin (cis + trans)	52645-53-1								
phenanthrene	85-01-8	30	50	1	50	50	500	500	500
phenmedipham	13684-63-4								
phenol, 2-methyl-4,6-dinitro- [DNOC]	534-52-1	6.5	10	1	10	10	100	100	100
phenothiazine	92-84-2								
phenylenediamine, m- [MPD]	108-45-2								
phenylenediamine, o- [OPD]	95-54-5								
phenylenediamine, p- [PPD]	106-50-3								
phenylphenol, 2-	90-43-7								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
phorate	298-02-2								
phosmet	732-11-6								
phthalic acid, p-	100-21-0								
picloram	1918-02-1								
picramic acid	96-91-3								
picric acid	88-89-1								
pirimiphos- methyl	29232-93-7								
prochloraz	67747-09-5								
profluralin	26399-36-0								
prometon	1610-18-0								
prometryn	7287-19-6								
propachlor	1918-16-7								
propanil	709-98-8								
propargite	2312-35-8								
propargyl alcohol	107-19-7								
propazine	139-40-2								
propham	122-42-9								
propiconazole	60207-90-1								
propylbenzene, 1-	103-65-1								
propylene glycol monomethyl ether	107-98-2								
propylene oxide	75-56-9								
propyzamide	23950-58-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
pyrene	129-00-0	65	100	1	100	100	1 000	1 000	1 000
pyridine	110-86-1								
quinalphos	13593-03-8								
quinoline	91-22-5								
quizalofop-ethyl	76578-14-8								
resmethrin	10453-86-8								
ronnel	299-84-3								
rotenone	83-79-4								
selenious acid	7783-00-8								
sethoxydim	74051-80-2								
silver	7440-22-4	150	200	200	200	200	400	400	400
silvex	93-72-1								
simazine	122-34-9								
strontium	7440-24-6								
strychnine	57-24-9								
styrene	100-42-5	30	50	1	50	50	500	500	500
styrene-acrylonitrile [SAN] trimer (all isomers)	NA								
sulfotep	3689-24-5								
sulfur, elemental	7704-34-9			20 000					
TCMTB	21564-17-0								
tebuthiuron	34014-18-1								
temephos	3383-96-8								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
terbacil	5902-51-2								
terbufos	13071-79-9								
terbutryn	886-50-0								
tetrachlorobenzene, 1,2,3,4-	634-66-2	15	20	0.5	20	20	100	100	100
tetrachlorobenzene, 1,2,3,5-	634-90-2	15	20	0.5	20	20	100	100	100
tetrachlorobenzene, 1,2,4,5-	95-94-3	15	20	0.5	20	20	100	100	100
tetrachloroethane, 1,1,1,2-	630-20-6								
tetrachloroethane, 1,1,2,2-	79-34-5								
tetrachlorophenol, 2,3,4,5-	4901-51-3	3	5	0.5	5	5	50	50	50
tetrachlorophenol, 2,3,4,6-	58-90-2	3	5	0.5	5	5	50	50	50
tetrachlorophenol, 2,3,5,6-	935-95-5	3	5	0.5	5	5	50	50	50
tetrachlorovinphos	961-11-5								
tetraethyl lead	78-00-2								
tetrahydrofuran	109-99-9								
tetryl	479-45-8								
thallium	7440-28-0	55	90	90	90	90	250	250	250
thifensulfuron-methyl	79277-27-3								
thiobencarb	28249-77-6								
thiocyanate	302-04-5								
thiodiglycol	111-48-8								
thiofanox	39196-18-4								
thiophanate- methyl	23564-05-8								
thiophenol	108-98-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
thiram	137-26-8								
tin	7440-31-5	300	500	50	500	500	3 000	3 000	3 000
toxaphene (all isomers)	8001-35-2								
tralomethrin	66841-25-6								
triadimefon	43121-43-3								
triallate	2303-17-5								
triasulfuron	82097-50-5								
tribenuron-methyl	101200-48-0								
tribromobenzene, 1,2,4-	615-54-3								
tribufos	78-48-8								
tributyl phosphate	126-73-8								
tributyltin	36643-28-4								
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1								
trichloroacetic acid	76-03-9								
trichloroaniline, 2,4,6-	634-93-5								
trichlorobenzene, 1,2,3-	87-61-6	15	20	0.5	20	20	100	100	100
trichlorobenzene, 1,2,4-	120-82-1	15	20	0.5	20	20	100	100	100
trichlorobenzene, 1,3,5-	108-70-3	15	20	0.5	20	20	100	100	100
trichloroethane, 1,1,1-	71-55-6	30	50	1	50	50	500	500	500
trichloroethane, 1,1,2-	79-00-5	30	50	1	50	50	500	500	500
trichlorofluoromethane	75-69-4								
trichlorophenol, 2,3,4-	15950-66-0	3	5	0.5	5	5	50	50	50

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS) ²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
trichlorophenol, 2,3,5-	933-78-8	3	5	0.5	5	5	50	50	50
trichlorophenol, 2,3,6-	933-75-5	3	5	0.5	5	5	50	50	50
trichlorophenol, 2,4,5-	95-95-4	3	5	0.5	5	5	50	50	50
trichlorophenol, 2,4,6-	88-06-2	3	5	0.5	5	5	50	50	50
trichlorophenol, 3,4,5-	609-19-8	3	5	0.5	5	5	50	50	50
trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5								
trichloropropane, 1,1,2-	598-77-6								
trichloropropane, 1,2,3-	96-18-4								
trichloropropene, 1,2,3-	96-19-5								
tricresyl phosphate [TCP]	1330-78-5								
tridiphane	58138-08-2								
triethylene glycol	112-27-6								
trifluralin	1582-09-8								
trimethyl phosphate	512-56-1								
trimethylbenzene, 1,3,5-	108-67-8								
trinitrobenzene, 1,3,5-	99-35-4								
trinitrotoluene, 2,4,6-	118-96-7								
tris(1,3-dichloro-2-propyl) phosphate [TDCPP]	13674-87-8								
tris(1-chloro-2-propyl) phosphate [TCPP]	13674-84-5								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10
Substance	Chemical Abstract Service # (CAS)²	Wildlands (Natural) (WLN)	Wildlands (Reverted) (WLR)	Agricultural (AL)	Urban Park (PL)	Residential (Low Density) (RLD)	Residential (High Density) (RLHD)	Commercial (CL)	Industrial (IL)
tris(2,3-dibromopropyl) phosphate	126-72-7								
tris(2-chloroethyl)phosphate [TCEP]	115-96-8								
tris(2-ethylhexyl)phosphate	78-42-2								
tungsten	7440-33-7								
vernolate	1929-77-7								
vinclozolin	50471-44-8								
vinyl acetate	108-05-4								
vinyl chloride	75-01-4								
VPHs	NA	1 500	2 000	2 000	2 000	2 000	2 000	2 000	2 000
warfarin	81-81-2								
zineb	12122-67-7								

Notes

1. All values in µg/g unless otherwise stated.
2. NA – not applicable. No CAS number exists for the substance.

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
acenaphthene	83-32-9	600			250
acephate	30560-19-1				15
acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	260 ⁵ , 420 ⁶	0.025	25	100 ⁷
acetochlor	34256-82-1				80
acetone	67-64-1				3 500
acetophenone	98-86-2				400
acridine	260-94-6	5			
acrolein	107-02-8	100		3	3
acrylamide	79-06-1				0.1
acrylic acid	79-10-7				2 000
acrylonitrile	107-13-1				5
adipic acid	124-04-9				8 000
alachlor	15972-60-8				3
aldicarb	116-06-3	100 ⁵ , 15 ⁶	54.9 ⁸ , 67.5 ⁷	11	4
aldicarb sulfone	1646-88-4				4
aldrin	309-00-2	0.4 ⁹		0.7 ⁹	0.009
allyl alcohol	107-18-6				20
allyl chloride	107-05-1				7.5
aluminum	7429-90-5		5 000	5 000	9 500
ametryn	834-12-8				35
aminobiphenyl, 4-	92-67-1				0.0075
aminophenol, 3-	591-27-5				300
aminophenol, 4-	123-30-8				80

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
amitraz	33089-61-1				10
ammonia, total (as N)	7664-41-7	13 100 @ pH \geq 8.5 ^{5,10} 37 000 @ pH 8.0 - < 8.5 ^{5,10} 113 000 @ pH 7.5 - < 8.0 ^{5,10} 185 000 @ pH 7.0 - < 7.5 ^{5,10} 184 000 @ pH < 7.0 ^{5,10} 23 000 @ pH \geq 8.5 ^{6,11} 68 500 @ pH 8.0 - < 8.5 ^{6,11} 200 000 @ pH 7.5 - < 8.0 ^{6,11} 640 000 @ pH 7.0 - < 7.5 ^{6,11} 2 000 000 @ pH < 7.0 ^{6,11}			
aniline	62-53-3	200			30
anthracene	120-12-7	10			1000
anthraquinone, 9,10-	84-65-1				4
antimony	7440-36-0	900 ⁵ , 25 000 ⁶			6
aramite	140-57-8				6
arsenic	7440-38-2	500 ⁵ , 1 250 ⁶	100	25	10
asbestos	1332-21-4				7 m.f./L ¹²
asulam	3337-71-1				200
atrazine	1912-24-9	200 ⁵ , 1 000 ⁶	10	60	5
auramine	492-80-8				0.2
azinphos-methyl	86-50-0			20	20
azobenzene	103-33-3				1.5
azodicarbonamide	123-77-3				4 000
barium	7440-39-3	100 000 ⁵ , 50 000 ⁶			1 000

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
benfluralin	1861-40-1				1 000
benomyl	17804-35-2				200
bensulfuron-methyl	83055-99-6				800
bentazon	25057-89-0				100
benz(a)anthracene	56-55-3	10			0.07
benzene	71-43-2	4 000 ⁵ , 10 000 ⁶			5
benzidine	92-87-5				0.1
benzo(a)pyrene	50-32-8	1			0.01
benzo(b+j)fluoranthenes	205-99-2 & 205-82-3				0.07
benzoic acid	65-85-0				15 000
benzotrichloride	98-07-7				0.5
benzyl alcohol	100-51-6				400
benzyl chloride	100-44-7				0.9
beryllium	7440-41-7	15 ⁵ , 10 000 ⁶	100	100	8
bifenox	42576-02-3				35
biphenyl, 1,1'-	92-52-4				2 000
bis(2-chloroethoxy) methane	111-91-1				10
bis(2-chloroethyl) ether	111-44-4				0.15
bis(2-chloro-1-methylethyl) ether	108-60-1				150
bis(2-ethylhexyl) adipate	103-23-1				150
bis(2-ethylhexyl) phthalate [DEHP]	117-81-7	1 600			10
bisphenol A	80-05-7				200
boron	7440-42-8	120 000	500 - 6 000 ¹³	5 000	5 000

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
bromacil	314-40-9	500	0.2 ¹⁴ , 0.6 ¹⁵	1 100	
bromate	15541-45-4				10
bromo-2-chloroethane, 1-	107-04-0				1
bromobenzene	108-86-1				30
bromodichloromethane [BDCM]	75-27-4			100	100 ¹⁶
bromoform	75-25-2			100	100 ¹⁶
bromomethane	74-83-9				5.5
bromophos	2104-96-3				20
bromoxynil	1689-84-5	500	0.35 ⁷	11	5
butadiene, 1,3-	106-99-0				1
butanoic acid, 4-(4-chloro-2-methylphenoxy)- [MCPB]	94-81-5				40
butanol, 2-	78-92-2				8 000
butanol, n-	71-36-3				400
butoxy ethanol, 2-	111-76-2				400
butyl benzyl phthalate	85-68-7				80
butyl phthalyl butyl glycolate	85-70-1				4 000
butylate	2008-41-5				200
butylated hydroxytoluene [BHT]	128-37-0				45
butylbenzene, n-	104-51-8				200
butylbenzene, sec-	135-98-8				400
butylbenzene, tert-	98-06-6				400
cacodylic acid	75-60-5				80

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
cadmium	7440-43-9	5 @ H < 30 ^{5,17} 15 @ H 30 - < 90 ^{5,17} 25 @ H 90 - < 150 ^{5,17} 35 @ H 150 - < 210 ^{5,17} 40 @ H ≥ 210 ^{5,17} 150 ⁶	5	80	5
calcium	7440-70-2			1 000 mg/L	
caprolactam	105-60-2				2 000
captafol	2425-06-1				1
captan	133-06-2	150		10	70
carbaryl	63-25-2	20 ⁵ , 30 ⁶		1 100	90
carbofuran	1563-66-2	180		45	90
carbon disulfide	75-15-0				400
carbon tetrachloride	56-23-5	1 300		5	2
carbosulfan	55285-14-8				40
carboxin	5234-68-4				400
catechol	120-80-9	20 000			
chloramben	133-90-4				60
chloranil	118-75-2				0.4
chlordane (cis + trans)	5103-71-9 & 5103-74-2	0.6		7	0.45
chlordecone	143-50-0				0.015
chlorfenvinphos	470-90-6				3
chloride, ion	16887-00-6	15 000 mg/L ⁵	100 mg/L ¹⁸	600 mg/L	250 mg/L

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
chlorimuron, ethyl-	90982-32-4				80
chlorine (Cl ₂)	7782-50-5	200 ⁵ , 300 ⁶	1 000		
chloro-2-methylaniline, 4-	95-69-2				1.5
chloroacetaldehyde, 2-	107-20-0				0.6
chloroaniline, p-	106-47-8				0.8
chlorobenzene	108-90-7	130 ⁵ , 2 500 ⁶			80
chlorobenzilate	510-15-6				1.5
chlorobenzoic acid, 4-	74-11-3				100
chlorobenzotrifluoride, 4-	5216-25-1				0.05
chlorobenzotrifluoride, 4-	98-56-6				10
chlorobutane, 1-	109-69-3				150
chloroethanol, 2-	107-07-3				80
chloroform	67-66-3	200		100	100 ¹⁶
chloronaphthalene, 2-	91-58-7				300
chloronitrobenzene, 2-	88-73-3				0.5
chloronitrobenzene, 4-	100-00-5				4
chlorophenol, 2-	95-57-8	195 – 26 000 ¹⁹		0.1 ²⁰	45
chlorophenol, 3-	108-43-0	170 – 23 000 ¹⁹		0.1 ²⁰	
chlorophenol, 4-	106-48-9	85 – 11 800 ¹⁹		0.1 ²⁰	
chloroprene	126-99-8				80
chlorothalonil	1897-45-6	20 ⁵ , 40 ⁶	5.8	170	50
chlorotoluene, 2-	95-49-8				80
chlorotoluene, 4-	106-43-4				80
chlorpropham	101-21-3				800

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
chlorpyrifos	2921-88-2	0.2		24	90
chlorpyrifos-methyl	5598-13-0				40
chlorsulfuron	64902-72-3				200
chlorthal-dimethyl	1861-32-1				40
chlorthiophos	60238-56-4				3
chromium, hexavalent	18540-29-9	100 ⁵ , 150 ⁶	8	50	50
chromium, trivalent	16065-83-1	900 ⁵ , 5 600 ⁶	5	50	6 000
chrysene	218-01-9	10			7
clofentezine	74115-24-5				50
cobalt	7440-48-4	400	50	1 000	1
copper	7440-50-8	200 @ H < 50 ^{5,17} 300 @ H = 50 - < 75 ^{5,17} 400 @ H = 75 - < 100 ^{5,17} 500 @ H = 100 - < 125 ^{5,17} 600 @ H = 125 - < 150 ^{5,17} 700 @ H = 150 - < 175 ^{5,17} 800 @ H = 175 - < 200 ^{5,17} 900 @ H ≥ 200 ^{5,17} 200 ⁶	200	300	1 500
crotonaldehyde, trans-	123-73-9				5
cyanazine	21725-46-2	200	0.5	10	0.2
cyanide	57-12-5	500 ⁵ , 100 ⁶			200
cyanogen	460-19-5				4
cyclohexane, 1,2,3,4,5-pentabromo-6-chloro-	87-84-3				7
cyclohexanone	108-94-1				20 000

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
cyclohexene	110-83-8				20
cyclohexylamine	108-91-8				800
cyfluthrin	68359-37-5				100
cyhalothrin	68085-85-8				20
cypermethrin	52315-07-8				40
cyromazine	66215-27-8				30
dalapon	75-99-0				100
daminozide	1596-84-5				8.5
deltamethrin	52918-63-5	1		2.5	
demeton	8065-48-3				0.15
diallate	2303-16-4				2.5
diaminotoluene, 2,5-	95-70-5				1
diazinon	333-41-5	0.3		14	20
dibenz(a,h)anthracene	53-70-3				0.01
dibenzofuran	132-64-9				4
dibenzothiophene	132-65-0				40
dibromo-3-chloropropane, 1,2-	96-12-8				0.5
dibromobenzene, 1,3-	108-36-1				1.5
dibromobenzene, 1,4-	106-37-6				40
dibromochloromethane [DBCM]	124-48-1			100	100 ¹⁶
dibromoethane, 1,2-	106-93-4				0.5
dibutyl phthalate [DBP]	84-74-2	1 900			400
dibutyltin	14488-53-0	8			
dicamba	1918-00-9	1 000	0.1	122	120

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
dichlorobenzene, 1,2-	95-50-1	70 ⁵ , 4 200 ⁶			200
dichlorobenzene, 1,3-	541-73-1	15 000			
dichlorobenzene, 1,4-	106-46-7	2 600			5
dichlorobenzidine, 3,3'-	91-94-1				0.35
dichlorodifluoromethane	75-71-8				800
dichlorodiphenyl sulfone, 4,4'-	80-07-9				3
dichlorodiphenyltrichloroethane, total [DDT] ²¹	NA	0.1		30	0.45
dichloroethane, 1,1-	75-34-3				30
dichloroethane, 1,2-	107-06-2	10 000		5	5
dichloroethylene, 1,1-	75-35-4				14
dichloroethylene, 1,2-cis-	156-59-2				8
dichloroethylene, 1,2-trans-	156-60-5				80
dichloromethane	75-09-2	9 800		50	50
dichlorophenol, 2,3-	576-24-9	55 – 7 600 ¹⁹		0.3 ²²	
dichlorophenol, 2,4-	120-83-2	30 – 4 000 ¹⁹		0.3 ²²	900
dichlorophenol, 2,5-	583-78-8	25 – 3 400 ¹⁹		0.3 ²²	
dichlorophenol, 2,6-	87-65-0	100 – 13 600 ¹⁹		0.3 ²²	
dichlorophenol, 3,4-	95-77-2	30 – 4 000 ¹⁹		0.3 ²²	
dichlorophenol, 3,5-	591-35-5	25 – 3 000 ¹⁹		0.3 ²²	
dichlorophenoxyacetic acid, 2,4- [2,4-D]	94-75-7	400		100	100
dichlorophenoxy(2,4-)butyric acid, 4- [2,4-DB]	94-82-6				30
dichloropropane, 1,2-	78-87-5				4.5

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
dichloropropane, 1,3-	142-28-9				80
dichloropropanol, 2,3-	616-23-9				10
dichloropropene, 1,3- (cis + trans)	542-75-6				1.5
dichlorvos	62-73-7				0.55
diclofop-methyl	51338-27-3	610	0.18	9	9
dicrotophos	141-66-2				0.4
dicyclopentadiene	77-73-6				300
dieldrin	60-57-1	0.4 ⁹		0.7	0.01
diethanolamine	111-42-2				8
diethyl ether	60-29-7				800
diethyl phthalate	84-66-2				3 000
diethyldithiocarbamate	392-74-5				0.6
diethylene glycol monobutyl ether	112-34-5				100
diethylene glycol monoethyl ether	111-90-0				250
diethylformamide	617-84-5				4
diflubenzuron	35367-38-5				80
diisobutylene	25167-70-8				40
diisopropanolamine [DIPA] ²³	110-97-4	150 000	39 000	38 000	3 500
dimethipin	55290-64-7				80
dimethoate	60-51-5	620		3	20
dimethoxybenzidine, 3,3'-	119-90-4				0.1
dimethyl methylphosphonate	756-79-6				90
dimethylaminoazobenzene, 4- [DAB]	60-11-7				0.035
dimethylaniline, 2,4-	95-68-1				0.8

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
dimethylaniline, N,N- [DMA]	121-69-7				8
dimethylbenz(a)anthracene, 7,12-	57-97-6				0.02
dimethylbenzidine, 3,3'-	119-93-7				0.015
dimethylformamide	68-12-2				400
dimethylhydrazine, 1,1-	57-14-7				0.4
dimethylphenol, 2,4-	105-67-9				80
dimethylphenol, 2,6-	576-26-1				2.5
dimethylphenol, 3,4-	95-65-8				4
dimethylterephthalate	120-61-6				400
dinitrobenzene, 1,2-	528-29-0				0.4
dinitrobenzene, 1,3-	99-65-0				0.4
dinitrobenzene, 1,4-	100-25-4				0.4
dinitro-o-cyclohexyl phenol, 4,6-	131-89-5				8
dinitrophenol, 2,4-	51-28-5	20 000			8
dinitrotoluene, 2,4-	121-14-2				0.5
dinitrotoluene, 2,6-	606-20-2				0.1
dinitrotoluene, 2-amino-4,6-	35572-78-2				8
dinitrotoluene, 4-amino-2,6-	19406-51-0				8
dinoseb	88-85-7	5	16 ¹⁸ , 46 ²⁴ , 93 ¹⁵	150 ²⁵	4
dioxane, 1,4-	123-91-1				1.5
diphenamid	957-51-7				100
diphenyl sulfone	127-63-9				3
diphenyl-1,4-benzenediamine, N,N'-	74-31-7				1
diphenylamine	122-39-4				100

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
diquat (as dibromide)	85-00-7			70	70
Direct Black 38	1937-37-7				0.02
Direct Brown 95	16071-86-6				0.025
disulfoton	298-04-4				0.15
diuron	330-54-1			150	150
dodine	2439-10-3				15
endosulfan I + II	115-29-7	0.1 ⁵ , 0.15 ⁶			25
endothall	145-73-3				80
endrin	72-20-8	0.23		0.2	1
EPHw10-19 ²⁶	NA	5 000	5 000	5 000	5 000
EPTC	759-94-4				100
ethanol, 2-(2-methoxyethoxy)-	111-77-3				150
ethephon	16672-87-0				20
ethinylestradiol, 17-alpha [EE2] ²⁷	57-63-6	0.05			
ethion	563-12-2				2
ethoxyethanol, 2-	110-80-5				350
ethoxyethanol acetate, 2-	111-15-9				400
ethyl acetate	141-78-6				3 500
ethyl acrylate	140-88-5				20
ethyl-p-nitrophenyl benzenethionophosphonate [EPN]	2104-64-5				0.04
ethylbenzene	100-41-4	20 000 ⁵ , 25 000 ⁶			140
ethylene cyanohydrin	109-78-4				300
ethylenediamine	107-15-3				350

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
ethylene glycol	107-21-1	19 200 mg/L			8 000
ethylene thiourea	96-45-7				0.3
ethyleneimine	151-56-4				0.1
fenamiphos	22224-92-6				1
fenpropathrin	39515-41-8				100
fenvalerate	51630-58-1				100
fluometuron	2164-17-2				50
fluoranthene	206-44-0	20			150
fluorene	86-73-7	1 200			150
fluoride	16984-48-8	20 000 @ H < 50 ^{5,17} 30 000 @ H ≥ 50 ^{5,17} 150 000 ⁶	1 000	1 000 ²⁸	1 500
fluridone	59756-60-4				300
flurprimidol	56425-91-3				80
flusilazole	85509-19-9				3
flutolanil	66332-96-5				250
fluvalinate	69409-94-5				40
folpet	133-07-3				45
fomesafen	72178-02-0				0.8
fonofos	944-22-9				8
formaldehyde	50-00-0				800
formic acid	64-18-6				3 500
fosetyl	15845-66-6				10 000
furan	110-00-9				4

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
furazolidone	67-45-8				0.04
furfural	98-01-1				10
furmecyclox	60568-05-0				5
furothiazole	531-82-8				0.1
glufosinate	53369-07-6				1.5
glycidaldehyde	765-34-4				1.5
glyphosate	1071-83-6	50 000		280	280
guanidine	113-00-8				40
haloxyfop, methyl	69806-40-2				0.2
heptachlor	76-44-8	1 ²⁹		3 ²⁹	0.035
heptachlor epoxide	1024-57-3	1 ²⁹		3 ²⁹	0.015
hexabromobiphenyl, 2,2',4,4',5,5'-	59536-65-1				0.005
hexachlorobenzene	118-74-1			0.5	0.1
hexachlorobutadiene	87-68-3	150			2
hexachlorocyclohexane, alpha-	319-84-6	1 ³⁰		4 ³⁰	0.025
hexachlorocyclohexane, beta-	319-85-7	1 ³⁰		4 ³⁰	0.085
hexachlorocyclohexane, gamma-	58-89-9	1 ³⁰		4 ³⁰	0.15
hexachlorocyclopentadiene	77-47-4				25
hexachloroethane	67-72-1				3
hexachlorophene	70-30-4				1

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
hexahydro-1,3,5-trinitro-1,3,5-triazine [RDX]	121-82-4				1.5
hexamethylphosphoramide	680-31-9				1.5
hexanone, 2-	591-78-6				20
hexazinone	51235-04-2				150
hexythiazox	78587-05-0				100
hydramethylnon	67485-29-4				1
hydrazine	302-01-2				0.05
hydroquinone	123-31-9	450			2.5
imazalil	35554-44-0				50
imazaquin	81335-37-7				1 000
imazethapyr	81335-77-5				1 000
iprodione	36734-19-7				150
Iron ^{31,32}	7439-89-6		5 000		6 500
isobutanol	78-83-1				1 000
isophorone	78-59-1				150
isopropalin	33820-53-0				60
isopropanol	67-63-0				8 000
isopropylbenzene	98-82-8				400
isoxaben	82558-50-7				200
lactofen	77501-63-4				8

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
lead	7439-92-1	400 @ H < 50 ^{5,17} 500 @ H = 50 - < 100 ^{5,17} 600 @ H = 100 - < 200 ^{5,17} 1 100 @ H = 200 - < 300 ^{5,17} 1 600 @ H ≥ 300 ^{5,17} 200 ⁶	200	100	10
LEPHw	NA	5 000			
linuron	330-55-2	700	0.07 ¹⁴ , 3.3 ¹⁵		8
lithium	7439-93-2		2 500 ¹⁸	5 000	8
malathion	121-75-5	10		190	190
malononitrile	109-77-3				0.4
mancozeb	8018-01-7				100
maneb	12427-38-2				20
Manganese ^{33,34}	7439-96-5		200		1 500
mecoprop [MCPP]	93-65-2				4
mercury	7439-97-6	2.5	1	2	1
merphos	150-50-5				0.1
metalaxyl	57837-19-1				250
methacrylonitrile	126-98-7				5
methamidophos	10265-92-6				0.2
methanol	67-56-1				8 000
methidathion	950-37-8				4
methomyl	16752-77-5				100
methoxy-5-nitroaniline, 2-	99-59-2				3
methoxychlor	72-43-5			900	20

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
methoxyethanol, 2-	109-86-4				20
methoxyethanol acetate, 2-	110-49-6				30
methyl acetate	79-20-9				4 000
methyl ethyl ketone [MEK]	78-93-3				2 500
methyl hydrazine	60-34-4				4
methyl mercury	22967-92-6	0.4			0.4
methyl methacrylate	80-62-6				5 500
methyl tert-butyl ether [MTBE]	1634-04-4	340 000 ⁵ , 44 000 ⁶		11 000	95
methyl-5-nitroaniline, 2-	99-55-8				15
methylaniline, 2-	95-53-4				1
methylaniline, 4-	106-49-0				5
methylaniline, N-	100-61-8				8
methylcholanthrene, 3-	56-49-5				0.02
methylene-bis(2-chloroaniline), 4,4'-	101-14-4				0.5
methylene-bis(N,N-dimethyl) aniline, 4,4'-	101-61-1				3.5
methylenebisbenzenamine, 4,4'-	101-77-9				0.1
methylnaphthalene, 1-	90-12-0				5.5
methylnaphthalene, 2-	91-57-6				15
methylphenol, 2-	95-48-7	25 000			200
methylphenol, 3-	108-39-4	8 000			200
methylphenol, 4-	106-44-5	7 000			400
methylphenol, 4-chloro-3-	59-50-7				400
methylstyrene, alpha-	98-83-9				300

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
metolachlor	51218-45-2	800	28	50	50
metribuzin	21087-64-9	100	0.5	80	80
metsulfuron-methyl	74223-64-6				1 000
mirex	2385-85-5				0.0085
molinate	2212-67-1				8
molybdenum	7439-98-7	100 000	10 – 30 ³⁵	50	250
monochloramine	10599-90-3	50			3 000
monochloroacetic acid	79-11-8				80 ³⁶
monomethylarsonic acid	124-58-3				40
myclobutanil	88671-89-0				100
naled	300-76-5				8
naphthalene	91-20-3	100			80
naphthylamine, 2-	91-59-8				0.085
napropamide	15299-99-7				400
nickel	7440-02-0	2 500 @ H < 60 ^{5,17} 6 500 @ H 60 - < 120 ^{5,17} 11 000 @ H 120 - < 180 ^{5,17} 15 000 @ H ≥ 180 ^{5,17} 830 ⁶	200	1 000	80 ⁷
nitrate (as N)	14797-55-8	4 000 mg/L		100 mg/L	10 mg/L
nitrate and nitrite (as N)	NA	4 000 mg/L		100 mg/L	10 mg/L
nitriiotriacetic acid [NTA]	139-13-9				400

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
nitrite (as N)	14797-65-0	2 000 (Cl < 2 mg/L) 4 000 (Cl 2 - < 4 mg/L) 6 000 (Cl 4 - < 6 mg/L) 8 000 (Cl 6 - < 8 mg/L) 10 000 (Cl 8 - < 10 mg/L) 20 000 (Cl ≥ 10 mg/L)		10 000	1 000
nitroaniline, 2-	88-74-4				40
nitroaniline, 4-	100-01-6				8
nitrobenzene	98-95-3				8
nitrofurazone	59-87-0				0.1
nitroglycerin	55-63-0				0.4
nitroguanidine	556-88-7				400
nitropyrene, 4-	57835-92-4				0.15
nitrosodiethanolamine, N-	1116-54-7				0.055
nitrosodiethylamine, N- [NDEA]	55-18-5				0.005
nitrosodimethylamine, N- [NDMA]	62-75-9				0.04
nitroso-di-N-butylamine, N-	924-16-3				0.03
nitroso-di-N-propylamine, N-	621-64-7				0.02
nitrosodiphenylamine, N-	86-30-6				30
nitrosomethylethylamine, N-	10595-95-6				0.007
nitrosomorpholine, N-	59-89-2				0.025
nitrosopiperidine, N-	100-75-4				0.015
nitrosopyrrolidine, N-	930-55-2				0.075
nitrotoluene, 2-	88-72-2				0.7
nitrotoluene, 3-	99-08-1				0.4

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
nitrotoluene, 4-	99-99-0				10
nonane, n-	111-84-2				1
nonaqueous phase liquids ³³	NA	not present	not present	not present	not present
nonylphenol and nonylphenol ethoxylates ^{37,38}	NA	100 ⁵ , 70 ⁶			45
norflurazon	27314-13-2				150
octahydro-1,3,5,7-tetranitro-1,3,5,7- tetrazocine [HMX]	2691-41-0				200
octamethylpyrophosphoramidate [OMPA]	152-16-9				8
octyl phthalate, di-N- [DNOP]	117-84-0				40
oryzalin	19044-88-3				200
oxadiazon	19666-30-9				20
oxamyl	23135-22-0				100
oxyfluorfen	42874-03-3				10
paclobutrazol	76738-62-0				50
paraquat (as dichloride)	1910-42-5			10	10
parathion	56-38-2			50	25
parathion, methyl	298-00-0				1
pebulate	1114-71-2				200
pendimethalin	40487-42-1				150
pentachlorobenzene, 1,2,3,4,5-	608-93-5	600			3
pentachloroethane	76-01-7				1.5
pentachloronitrobenzene [PCNB]	82-68-8				0.6
pentachlorophenol [PCP]	87-86-5	10 – 1 100 ¹⁹		30	60

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
pentaerythritol tetranitrate [PETN]	78-11-5				8
perchlorate	14797-73-0				3
perfluorobutane sulfonate [PFBS] ³⁹	375-73-5				80
perfluorooctane sulfonate [PFOS] ³⁹	1763-23-1	600			0.3
perfluorooctanoic acid [PFOA] ³⁹	335-67-1				0.2
permethrin (cis + trans)	52645-53-1	0.4 ⁵ , 0.1 ⁶			450
phenanthrene	85-01-8	30			
phenmedipham	13684-63-4				1 000
phenol	108-95-2	20 000			1 000
phenol, 2-methyl-4,6-dinitro [DNOC]	534-52-1	7 500			1
phenothiazine	92-84-2				2
phenylenediamine, m- [MPD]	108-45-2				25
phenylenediamine, o- [OPD]	95-54-5				3.5
phenylenediamine, p- [PPD]	106-50-3				750
phenylphenol, 2-	90-43-7				80
phorate	298-02-2			2	2
phosmet	732-11-6				80
phthalic acid, p-	100-21-0				4 000
picloram	1918-02-1	2 900	0.5	190	190
picramic acid	96-91-3				0.4
picric acid	88-89-1				3.5
pirimiphos, methyl	29232-93-7				40
prochloraz	67747-09-5				1
profluralin	26399-36-0				25

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
prometon	1610-18-0				60
prometryn	7287-19-6				15
propachlor	1918-16-7				50
propanil	709-98-8				20
propargite	2312-35-8				80
propargyl alcohol	107-19-7				8
propazine	139-40-2				80
propham	122-42-9				80
propiconazole	60207-90-1				50
propylbenzene, 1-	103-65-1				400
propylene glycol, 1,2-	57-55-6	50 000 mg/L			80 mg/L
propylene glycol monomethyl ether	107-98-2				3 000
propylene oxide	75-56-9				0.65
propyzamide	23950-58-5				300
pyrene	129-00-0	2			100
pyridine	110-86-1				4
quinalphos	13593-03-8				2
quinoline	91-22-5	340			0.05
quizalofop-ethyl	76578-14-8				35
resmethrin	10453-86-8				100
resorcinol	108-46-3	1 500			4 500
ronnel	299-84-3				200
rotenone	83-79-4				15

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
salinity ⁴⁰	NA	150 ⁵ 100 if natural salinity is >1.5 - < 3.5 ⁶ 200 if natural salinity is 3.5 - < 13.5 ⁶ 400 if natural salinity is ≥13.5 ⁶			
selenious acid	7783-00-8				20
selenium	7782-49-2	200	20 ⁴¹ , 50 ⁴²	30	10
sethoxydim	74051-80-2				350
silver	7440-22-4	5 @ H ≤ 100 ^{5,17} 150 @ H > 100 ^{5,17} 150 ⁶			20
silvex	93-72-1				30
simazine	122-34-9	1 000	0.5	10	10
sodium ion	17341-25-2				200 mg/L
strontium	7440-24-6				2 500
strychnine	57-24-9				1
styrene	100-42-5	7 200			800
styrene-acrylonitrile [SAN] trimer (all isomers)	NA				10
sulfate	14808-79-8	12 800 mg/L @ H ≤ 30 ¹⁷ 21 800 mg/L @ H 31 – 75 ¹⁷ 30 900 mg/L @ H 76 – 180 ¹⁷ 42 900 mg/L @ H > 180 ¹⁷		1 000 mg/L	500 mg/L ²³
sulfide (as H ₂ S)	7783-06-4	200			50
sulfolane ²³	126-33-0	5 000 000	8 400	14 000	90

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
sulfotep	3689-24-5				2
TCMTB	21564-17-0				100
tebuthiuron	34014-18-1	160	0.25 ¹⁵	130	300
temephos	3383-96-8			280	80
terbacil	5902-51-2				50
terbufos	13071-79-9			1	1
terbutryn	886-50-0				4
tetrachlorobenzene, 1,2,3,4-	634-66-2	180			
tetrachlorobenzene, 1,2,4,5-	95-94-3				1
tetrachloroethane, 1,1,1,2	630-20-6				6
tetrachloroethane, 1,1,2,2-	79-34-5				0.8
tetrachloroethylene	127-18-4	11 000			30
tetrachlorophenol, 2,3,4,5-	4901-51-3	20 – 2 600 ¹⁹		1 ⁴³	
tetrachlorophenol, 2,3,4,6-	58-90-2	55 – 7 200 ¹⁹		1 ⁴³	100
tetrachlorophenol, 2,3,5,6-	935-95-5	25 – 3 400 ¹⁹		1 ⁴³	
tetrachlorovinphos	961-11-5				6.5
tetraethyl lead	78-00-2				0.001
tetrahydrofuran	109-99-9				3 500
tetryl	479-45-8				8
thallium	7440-28-0	30			
thifensulfuron-methyl	79277-27-3				50
thiobencarb	28249-77-6				40
thiocyanate	302-04-5				200
thiodiglycol	111-48-8				300

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
thiofanox	39196-18-4				1
thiophanate, methyl	23564-05-8				300
thiophenol	108-98-5				4
thiram	137-26-8				20
tin	7440-31-5				2 500
titanium	7440-32-6	10 000			
toluene	108-88-3	50 ⁵ , 20 000 ⁶			60
toxaphene (all isomers)	8001-35-2	0.8		5	0.15
tralomethrin	66841-25-6				30
triadimefon	43121-43-3				100
triallate	2303-17-5	24		230	50
triasulfuron	82097-50-5				40
tribenuron-methyl	101200-48-0				30
tribromobenzene, 1,2,4-	615-54-3				20
tribufos	78-48-8				0.1
tributyl phosphate	126-73-8				15
tributyltin	36643-28-4	0.8 ⁵ , 0.5 ⁶		250	
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1				100 000
trichloroaniline, 2,4,6-	634-93-5				0.1
trichlorobenzene, 1,2,3-	87-61-6	800			3
trichlorobenzene, 1,2,4-	120-82-1	2 400 ⁵ , 540 ⁶			5.5
trichloroethane, 1,1,1-	71-55-6				8 000
trichloroethane, 1,1,2-	79-00-5				3
trichloroethylene	79-01-6	2 000		50	5

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
trichlorofluoromethane	75-69-4				1 000
trichlorophenol, 2,3,4-	15950-66-0	25 – 3 200 ¹⁹		2 ⁴⁴	
trichlorophenol, 2,3,5-	933-78-8	25 – 3 400 ¹⁹		2 ⁴⁴	
trichlorophenol, 2,3,6-	933-75-5	80 – 10 800 ¹⁹		2 ⁴⁴	
trichlorophenol, 2,4,5-	95-95-4	25 – 3 000 ¹⁹		2 ⁴⁴	400
trichlorophenol, 2,4,6-	88-06-2	60 – 8 000 ¹⁹		2 ⁴⁴	5
trichlorophenol, 3,4,5-	609-19-8	10 – 1 280 ¹⁹		2 ⁴⁴	
trichlorophenoxy acetic acid, 2,4,5- [2,4,5-T]	93-76-5			20	40
trichloropropane, 1,1,2-	598-77-6				20
trichloropropane, 1,2,3-	96-18-4				0.5
trichloropropene, 1,2,3-	96-19-5				10
tricresyl phosphate [TCP]	1330-78-5				80
tricyclohexyltin	NA			250	
tridiphane	58138-08-2				10
triethylene glycol	112-27-6				8 000
triethyltin	NA	40			
trifluralin	1582-09-8	20		45	45
trimethyl phosphate	512-56-1				8
trimethylbenzene, 1,3,5-	108-67-8				40
trinitrobenzene, 1,3,5-	99-35-4				100
trinitrotoluene, 2,4,6-	118-96-7				2
triphenyltin	668-34-8	2		800	
tris(1,3-dichloro-2-propyl)phosphate [TDCPP]	13674-87-8				80

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
tris(1-chloro-2-propyl)phosphate [TCPP]	13674-84-5				40
tris(2,3-dibromopropyl)phosphate	126-72-7				0.07
tris(2-chloroethyl)phosphate [TCEP]	115-96-8				8
tris(2-ethylhexyl)phosphate	78-42-2				50
tungsten	7440-33-7				3
uranium	7440-61-1	850	10	200	20
vanadium	7440-62-2		100	100	20
vernalate	1929-77-7				4
VHw6-10 ²⁶	NA	15 000	15 000	15 000	15 000
vinclozolin	50471-44-8				100
vinyl acetate	108-05-4				4 000
vinyl chloride	75-01-4				2
VPHw	NA	15 000			
warfarin	81-81-2				1
xylenes, total	1330-20-7	3 000			90

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS) ²	Aquatic Life ³ (AW)	Irrigation ³ (IW)	Livestock ³ (LW)	Drinking Water ⁴ (DW)
zinc	7440-66-6	750 @ H < 90 ^{5,17} 1 500 @ H = 90 - < 100 ^{5,17} 9 000 @ H = 100 - < 200 ^{5,17} 16 500 @ H = 200 - < 300 ^{5,17} 24 000 @ H = 300 - < 400 ^{5,17} 1 000 ⁶	1 000 @ pH < 6.0 2 000 @ pH 6.0 - < 7.0 5 000 @ pH ≥ 7.0	2 000	3 000
zineb	12122-67-7				200

Notes

1. All values in µg/L unless otherwise stated.
2. NA – not applicable. No CAS number exists for the substance.
- 3(a). Aquatic life upper cap concentrations assume minimum 1:10 dilution available prior to discharge to the aquatic receiving environment. Aquatic life upper cap concentrations are to protect freshwater and marine life unless otherwise indicated.
- 3(b). Upper cap concentrations for all organic substances are for total substance concentrations. Any water sample to be analyzed for organic substances should not be filtered.
- 3(c). Upper cap concentrations for surface water samples to be analyzed for heavy metals, metalloids and inorganic ions are total substance concentrations. In addition, it is recommended that surface water samples being analyzed for heavy metals, metalloids and inorganic ions should also be analyzed for dissolved substance concentrations.
- 3(d). Upper cap concentrations for groundwater samples for heavy metals, metalloids and inorganic ions are for dissolved substance concentrations. In addition, it is recommended that groundwater samples being analyzed for metals, metalloids and inorganic ions should be analyzed for total substance concentrations.
- 3(e). Upper cap concentrations for irrigation water apply to irrigation of all soil types, unless otherwise indicated.
4. Drinking water upper cap concentrations are for unfiltered samples obtained at the point of consumption. Heavy metals, metalloids and inorganic ions are expressed as total substance concentrations unless otherwise indicated.
5. Upper cap concentration to protect freshwater aquatic life. Water is to be considered freshwater if its psu is ≤ 1.5.
6. Upper cap concentration to protect marine and/or estuarine aquatic life. Water is to be considered marine or estuarine if its psu is > 1.5.
7. Upper cap concentration to protect legumes.
8. Upper cap concentration to protect crops other than legumes.
9. Upper cap concentration is applicable to the sum of the concentrations of aldrin and dieldrin.
10. Upper cap concentration varies with pH and temperature. 10 °C is assumed.

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

- 11. Upper cap concentration varies with pH, temperature and salinity. 10 °C and 10 practical salinity units (psu) are assumed.
- 12. Upper cap concentration is expressed in million fibers > 10 µm/L (m.f./L).
- 13. Upper cap concentration varies depending on crop as follows:

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

- 14. Upper cap concentration to protect crops other than cereals, tame hays and pasture.
- 15. Upper cap concentration to protect cereals, tame hays and pasture crops.
- 16. Upper cap concentration is specific for total trihalomethanes. Sum of the concentrations of bromodichloromethane (BDCM), dibromochloromethane (DBCM), bromoform (tribromomethane), and chloroform (trichloromethane) must not exceed the upper cap concentration specified.
- 17. H means water hardness in mg/L CaCO₃.
- 18. Upper cap concentration to protect all types of crops.
- 19. Upper cap concentration varies with pH, temperature and substance isomer, as specified Table 6B.
- 20. Upper cap concentration is applicable to the sum of concentrations of all chlorophenol isomers.
- 21. Upper cap concentrations are for the sum of DDT (2,4' + 4,4' isomers), DDD (2,4' + 4,4' isomers) and DDE (2,4' + 4,4' isomers).
- 22. Upper cap concentration is applicable to the sum of concentrations of all dichlorophenol isomers.
- 23. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item F2, F3, F7, or F10.
- 24. Upper cap concentration to protect cereal crops and hay.
- 25. Upper cap concentration to protect lactating dairy animals.
- 26. Upper cap concentration is applicable at all sites, irrespective of water use.
- 27. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H16 or H17.
- 28. Upper cap concentration varies with type of livestock.

Livestock Type	Standard (µg/L)
Dairy cows, breeding stock, long-lived animals	1000
Livestock provided fluoride by bone meal or mineral additives	1000
All other types of livestock	2000

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

- 29. Upper cap concentration is applicable to the sum of the concentrations of heptachlor and heptachlor epoxide.
- 30. Upper cap concentration is applicable to the sum of the concentrations of all hexachlorocyclohexane isomers.
- 31. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as:
 - (a) item A6, A7, A8 or A11,
 - (b) item C1, C2, C3, C4 or C6,
 - (c) item D2, D3, D5 or D6,
 - (d) item E4, or
 - (e) item H12.
- 32. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H9 or H18, but only if the site was used for that purpose or activity in conjunction with, or as a result of, the site also being used for at least one of the purposes or activities set out in Note 31.
- 33. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as:
 - (a) item B1,
 - (b) item C1, C3 or C4,
 - (c) item D2, D3, D5 or D6,
 - (d) item E4, or
 - (e) item H12
- 34. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as item H9 or H18, but only if the site was used for that purpose or activity in conjunction with, or as a result of, the site also being used for at least one of the purposes or activities set out in Note 33.
- 35. Upper cap concentration varies with crop, soil drainage and Mo:Cu ratio.

Crop Type	Soil Drainage	Cu:Mo Ratio in Irrigation Water	Molybdenum irrigation watering standard (µg/L)
Forage	Poorly drained	<2:1	10
Forage	Poorly drained	>2:1	20
Forage	Well drained	N/A	20
Non-Forage	N/A	N/A	30
Crop type, soil drainage, and/or Cu:Mo ratio in irrigation water is unknown			10

- 36. Upper cap concentration is specific for total haloacetic acids. Sum of the concentrations of monochloroacetic acid (MCA), dichloroacetic acid (DCA), trichloroacetic acid (TCA), monobromoacetic acid (MBA) and dibromoacetic acid (DBA) must not exceed the upper cap specified.
- 37. Nonylphenol includes related nonylphenolic and octylphenolic compounds, including ethoxylates.
- 38. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as:
 - (a) item A6, A8, A10, or A12,
 - (b) item H9, H16, or H17,
 - (c) item I2, or I3.

Table 6A

Water upper cap concentrations for Schedule 3.2 substances¹

39. Upper cap concentrations apply to a site used for an industrial or commercial purpose or activity set out in Schedule 2 as:
 - (a) item A4,
 - (b) item C3,
 - (c) item E10, or
 - (d) item G1.
40. Upper cap concentrations are for salinity measurements by electrical conductivity or density methods using the Practical Salinity Scale, which closely equates to concentration units of parts per thousand (g/kg or g/L). Salinity measurements using the Practical Salinity Scale may be denoted as Practical Salinity Units (psu).
41. Upper cap concentration for continuous applications on crops.
42. Upper cap concentration for intermittent application on crops.
43. Upper cap concentration is applicable to the sum of concentrations of all tetrachlorophenol isomers.
44. Upper cap concentration is applicable to the sum of concentrations of all trichlorophenol isomers.

Table 6B

Aquatic Life Water upper cap concentrations for Chlorophenol Isomers¹

COLUMN 1	COLUMN 2	COLUMN 3	pH							
			COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10	COLUMN 11
Temperature (°C)	Chlorophenol isomer	Chemical Abstract Service # (CAS)	<6.2	6.2–6.6	6.7–7.1	7.2–7.6	7.7–8.1	8.2–8.6	8.7–9.1	>9.1
0 – 4.5	chlorophenol, 2-	95-57-8	780	1280	2200	3400	5800	9600	15800	26000
	chlorophenol, 3-	108-43-0	680	1120	1860	3000	5000	8400	14000	23000
	chlorophenol, 4-	106-48-9	340	580	960	1560	2600	4400	7200	11800
	dichlorophenol, 2,3-	576-24-9	220	360	620	1020	1660	2800	4600	7600
	dichlorophenol, 2,4-	120-83-2	120	200	320	520	860	1440	2400	4000
	dichlorophenol, 2,5-	583-78-8	100	160	280	460	740	1240	2000	3400
	dichlorophenol, 2,6-	87-65-0	400	660	1100	1820	3000	5000	8200	13600
	dichlorophenol, 3,4-	95-77-2	120	200	320	540	880	1480	2400	4000
	dichlorophenol, 3,5-	591-35-5	100	140	240	400	680	1120	1840	3000
	trichlorophenol, 2,3,4-	15950-66-0	100	160	260	440	720	1200	1980	3200
	trichlorophenol, 2,3,5-	933-78-8	100	160	260	440	740	1220	2000	3400
	trichlorophenol, 2,3,6-	933-75-5	320	520	880	1440	2400	4000	6600	10800
	trichlorophenol, 2,4,5-	95-95-4	100	140	240	400	660	1120	1840	3000
	trichlorophenol, 2,4,6-	88-06-02	240	380	640	1060	1760	3000	4800	8000
	trichlorophenol, 3,4,5-	609-19-8	40	60	100	180	280	480	780	1280
	tetrachlorophenol, 2,3,4,5-	4901-51-3	80	120	200	340	560	940	1560	2600
	tetrachlorophenol, 2,3,4,6-	58-90-2	220	360	580	980	1600	2600	4400	7200
	tetrachlorophenol, 2,3,5,6-	935-95-5	100	160	260	440	720	1220	2000	3400
	pentachlorophenol [PCP]	87-86-5	40	60	100	140	240	400	680	1100
5.0 – 9.5	chlorophenol, 2-	95-57-8	585	960	1650	2550	4350	7200	11850	19500
	chlorophenol, 3-	108-43-0	510	840	1395	2250	3750	6300	10500	17250
	chlorophenol, 4-	106-48-9	255	435	720	1170	1950	3300	5400	8850
	dichlorophenol, 2,3-	576-24-9	165	270	465	765	1245	2100	3450	5700
	dichlorophenol, 2,4-	120-83-2	90	150	240	390	645	1080	1800	3000
	dichlorophenol, 2,5-	583-78-8	75	120	210	345	555	930	1500	2550

Table 6B

Aquatic Life Water upper cap concentrations for Chlorophenol Isomers¹

COLUMN 1	COLUMN 2	COLUMN 3	pH							
			COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10	COLUMN 11
Temperature (°C)	Chlorophenol isomer	Chemical Abstract Service # (CAS)	<6.2	6.2–6.6	6.7–7.1	7.2–7.6	7.7–8.1	8.2–8.6	8.7–9.1	>9.1
5.0 – 9.5	dichlorophenol, 2,6-	87-65-0	300	495	825	1365	2250	3750	6150	10200
	dichlorophenol, 3,4-	95-77-2	90	150	240	405	660	1110	1800	3000
	dichlorophenol, 3,5-	591-35-5	75	105	180	300	510	840	1380	2250
	trichlorophenol, 2,3,4-	15950-66-0	75	120	195	330	540	900	1485	2400
	trichlorophenol, 2,3,5-	933-78-8	75	120	195	330	555	915	1500	2550
	trichlorophenol, 2,3,6-	933-75-5	240	390	660	1080	1800	3000	4950	8100
	trichlorophenol, 2,4,5-	95-95-4	75	105	180	300	495	840	1380	2250
	trichlorophenol, 2,4,6-	88-06-02	180	285	480	795	1320	2250	3600	6000
	trichlorophenol, 3,4,5-	609-19-8	30	45	75	135	210	360	585	960
	tetrachlorophenol, 2,3,4,5-	4901-51-3	60	90	150	255	420	705	1170	1950
	tetrachlorophenol, 2,3,4,6-	58-90-2	165	270	435	735	1200	1950	3300	5400
	tetrachlorophenol, 2,3,5,6-	935-95-5	75	120	195	330	540	915	1500	2550
pentachlorophenol [PCP]	87-86-5	30	45	75	105	180	300	510	825	
10.0 – 14.5	chlorophenol, 2-	95-57-8	390	640	1100	1700	2900	4800	7900	13000
	chlorophenol, 3-	108-43-0	340	560	930	1500	2500	4200	7000	11500
	chlorophenol, 4-	106-48-9	170	290	480	780	1300	2200	3600	5900
	dichlorophenol, 2,3-	576-24-9	110	180	310	510	830	1400	2300	3800
	dichlorophenol, 2,4-	120-83-2	60	100	160	260	430	720	1200	2000
	dichlorophenol, 2,5-	583-78-8	50	80	140	230	370	620	1000	1700
	dichlorophenol, 2,6-	87-65-0	200	330	550	910	1500	2500	4100	6800
	dichlorophenol, 3,4-	95-77-2	60	100	160	270	440	740	1200	2000
	dichlorophenol, 3,5-	591-35-5	50	70	120	200	340	560	920	1500
	trichlorophenol, 2,3,4-	15950-66-0	50	80	130	220	360	600	990	1600
	trichlorophenol, 2,3,5-	933-78-8	50	80	130	220	370	610	1000	1700
	trichlorophenol, 2,3,6-	933-75-5	160	260	440	720	1200	2000	3300	5400
trichlorophenol, 2,4,5-	95-95-4	50	70	120	200	330	560	920	1500	

Table 6B

Aquatic Life Water upper cap concentrations for Chlorophenol Isomers¹

COLUMN 1	COLUMN 2	COLUMN 3	pH							
			COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10	COLUMN 11
Temperature (°C)	Chlorophenol isomer	Chemical Abstract Service # (CAS)	<6.2	6.2–6.6	6.7–7.1	7.2–7.6	7.7–8.1	8.2–8.6	8.7–9.1	>9.1
10.0 – 14.5	trichlorophenol, 2,4,6-	88-06-02	120	190	320	530	880	1500	2400	4000
	trichlorophenol, 3,4,5-	609-19-8	20	30	50	90	140	240	390	640
	tetrachlorophenol, 2,3,4,5-	4901-51-3	40	60	100	170	280	470	780	1300
	tetrachlorophenol, 2,3,4,6-	58-90-2	110	180	290	490	800	1300	2200	3600
	tetrachlorophenol, 2,3,5,6-	935-95-5	50	80	130	220	360	610	1000	1700
	pentachlorophenol [PCP]	87-86-5	20	30	50	70	120	200	340	550
15.0 – 19.5	chlorophenol, 2-	95-57-8	292.5	480	825	1275	2175	3600	5925	9750
	chlorophenol, 3-	108-43-0	255	420	697.5	1125	1875	3150	5250	8625
	chlorophenol, 4-	106-48-9	127.5	217.5	360	585	975	1650	2700	4425
	dichlorophenol, 2,3-	576-24-9	82.5	135	232.5	382.5	622.5	1050	1725	2850
	dichlorophenol, 2,4-	120-83-2	45	75	120	195	322.5	540	900	1500
	dichlorophenol, 2,5-	583-78-8	37.5	60	105	172.5	277.5	465	750	1275
	dichlorophenol, 2,6-	87-65-0	150	247.5	412.5	682.5	1125	1875	3075	5100
	dichlorophenol, 3,4-	95-77-2	45	75	120	202.5	330	555	900	1500
	dichlorophenol, 3,5-	591-35-5	37.5	52.5	90	150	255	420	690	1125
	trichlorophenol, 2,3,4-	15950-66-0	37.5	60	97.5	165	270	450	742.5	1200
	trichlorophenol, 2,3,5-	933-78-8	37.5	60	97.5	165	277.5	457.5	750	1275
	trichlorophenol, 2,3,6-	933-75-5	120	195	330	540	900	1500	2475	4050
	trichlorophenol, 2,4,5-	95-95-4	37.5	52.5	90	150	247.5	420	690	1125
	trichlorophenol, 2,4,6-	88-06-02	90	142.5	240	397.5	660	1125	1800	3000
	trichlorophenol, 3,4,5-	609-19-8	15	22.5	37.5	67.5	105	180	292.5	480
	tetrachlorophenol, 2,3,4,5-	4901-51-3	30	45	75	127.5	210	352.5	585	975
	tetrachlorophenol, 2,3,4,6-	58-90-2	82.5	135	217.5	367.5	600	975	1650	2700
	tetrachlorophenol, 2,3,5,6-	935-95-5	37.5	60	97.5	165	270	457.5	750	1275
pentachlorophenol [PCP]	87-86-5	15	22.5	37.5	52.5	90	150	255	412.5	
20.0 - > 20.0	chlorophenol, 2-	95-57-8	195	320	550	850	1450	2400	3950	6500

Table 6B

Aquatic Life Water upper cap concentrations for Chlorophenol Isomers¹

COLUMN 1	COLUMN 2	COLUMN 3	pH							
			COLUMN 4	COLUMN 5	COLUMN 6	COLUMN 7	COLUMN 8	COLUMN 9	COLUMN 10	COLUMN 11
Temperature (°C)	Chlorophenol isomer	Chemical Abstract Service # (CAS)	<6.2	6.2–6.6	6.7–7.1	7.2–7.6	7.7–8.1	8.2–8.6	8.7–9.1	>9.1
	chlorophenol, 3-	108-43-0	170	280	465	750	1250	2100	3500	5750
	chlorophenol, 4-	106-48-9	85	145	240	390	650	1100	1800	2950
	dichlorophenol, 2,3-	576-24-9	55	90	155	255	415	700	1150	1900
	dichlorophenol, 2,4-	120-83-2	30	50	80	130	215	360	600	1000
	dichlorophenol, 2,5-	583-78-8	25	40	70	115	185	310	500	850
	dichlorophenol, 2,6-	87-65-0	100	165	275	455	750	1250	2050	3400
	dichlorophenol, 3,4-	95-77-2	30	50	80	135	220	370	600	1000
	dichlorophenol, 3,5-	591-35-5	25	35	60	100	170	280	460	750
	trichlorophenol, 2,3,4-	15950-66-0	25	40	65	110	180	300	495	800
	trichlorophenol, 2,3,5-	933-78-8	25	40	65	110	185	305	500	850
	trichlorophenol, 2,3,6-	933-75-5	80	130	220	360	600	1000	1650	2700
	trichlorophenol, 2,4,5-	95-95-4	25	35	60	100	165	280	460	750
	trichlorophenol, 2,4,6-	88-06-02	60	95	160	265	440	750	1200	2000
	trichlorophenol, 3,4,5-	609-19-8	10	15	25	45	70	120	195	320
	tetrachlorophenol, 2,3,4,5-	4901-51-3	20	30	50	85	140	235	390	650
	tetrachlorophenol, 2,3,4,6-	58-90-2	55	90	145	245	400	650	1100	1800
	tetrachlorophenol, 2,3,5,6-	935-95-5	25	40	65	110	180	305	500	850
	pentachlorophenol [PCP]	87-86-5	10	15	25	35	60	100	170	275

Notes

1. All values in µg/L unless otherwise stated.
2. The above tables may only be used if measured values of isomer concentrations, water pH, and temperature are known for the site.

FOOTNOTES

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
acetaldehyde	75-07-0	45	150	4 000	350
acetone	67-64-1	20 000	55 000	600 000	150 000
acetone cyanohydrin	75-86-5	20	60	2 000	150
acetonitrile	75-05-8	600	2 000	35 000	5 000
acrolein	107-02-8	2	2	200	2
acrylonitrile	107-13-1	5	5	150	10
allyl chloride	107-05-1	10	30	900	80
ammonia (as N)	7664-41-7	1 000	3 000	17 500	8 000
benzene	71-43-2	15	40	1 000	100
benzotrichloride	98-07-7	10	10	100	10
benzyl chloride	100-44-7	2	6	200	15
bis(2-chloro-1-methylethyl) ether	108-60-1	800	2 500	150 000	6 500
bis(2-chloroethyl) ether	111-44-4	10	10	100	10
bis(2-chloromethyl) ether	542-88-1	10	10	100	10
bromobenzene	108-86-1	600	2 000	55 000	5 000
bromodichloromethane [BDCM]	75-27-4	400	1 000	80 000	3 000
bromoform	75-25-2	90	300	8 500	750
bromomethane	74-83-9	50	150	4 000	400
butadiene, 1,3-	106-99-0	20	20	300	25
carbon disulfide	75-15-0	7 000	12 500	12 500	12 500

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
carbon tetrachloride	56-23-5	15	50	1 500	150
chlorine (Cl ₂)	7782-50-5	200	200	1 500	200
chloro-1,1-difluoroethane, 1-	75-68-3	500 000	1 500 000	4 000 000	4 000 000
chlorobenzene	108-90-7	100	300	9 000	800
chlorobenzotrifluoride, 4-	98-56-6	150	400	10 000	1 000
chlorobutane, 1-	109-69-3	800	2 500	150 000	6 500
chlorodifluoromethane	75-45-6	500 000	1 500 000	1 750 000	1 750 000
chloroethane	75-00-3	100 000	250 000	250 000	250 000
chloroform	67-66-3	1 000	3 000	10 000	8 000
chloromethane	74-87-3	900	2 500	80 000	7 000
chloronitrobenzene, 4-	100-00-5	10	20	550	50
chlorophenol, 2-	95-57-8	100	300	20 000	800
chloroprene	126-99-8	10	10	100	10
chloropropane, 2-	75-29-6	600	1 500	100 000	4 500
chlorotoluene, 2-	95-49-8	400	1 000	80 000	3 000
crotonaldehyde, trans-	123-73-9	20	60	850	150
cyanide	57-12-5	20	35	2 500	95
cyanogen	460-19-5	100	100	4 000	150
cyanogen bromide	506-68-3	2 000	5 500	350 000	15 000
cyanogen chloride	506-77-4	750	750	750	750

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
dibromo-3-chloropropane, 1,2-	96-12-8	10	10	200	15
dibromobenzene, 1,4-	106-37-6	200	600	40 000	1 500
dibromochloromethane [DBCM]	124-48-1	400	1 000	80 000	3 000
dibromoethane, 1,2-	106-93-4	5	5	50	5
dibromomethane	74-95-3	40	100	3 500	300
dichloro-2-butene, 1,4-	764-41-0	10	10	25	10
dichlorobenzene, 1,2-	95-50-1	2 000	6 000	150 000	15 000
dichlorobenzene, 1,3-	541-73-1	600	2 000	100 000	5 000
dichlorobenzene, 1,4-	106-46-7	8 000	25 000	60 000	60 000
dichlorodifluoromethane	75-71-8	1 000	3 000	90 000	8 000
dichloroethane, 1,1-	75-34-3	5 000	15 000	400 000	40 000
dichloroethane, 1,2-	107-06-2	70	200	4 000	550
dichloroethylene, 1,1-	75-35-4	2 000	3 000	3 000	3 000
dichloroethylene, 1,2- cis	156-59-2	600	2 000	55 000	5 000
dichloroethylene, 1,2- trans	156-60-5	600	2 000	55 000	5 000
dichloromethane	75-09-2	6 000	20 000	550 000	50 000
dichloropropane, 1,2-	78-87-5	40	100	3 500	300
dichloropropane, 1,3-	142-28-9	10	30	2 000	80
dichloropropene, 1,3- (cis + trans)	542-75-6	25	75	2 500	200
dicyclopentadiene	77-73-6	10	10	250	25

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
diethyl ether	60-29-7	4 000	10 000	800 000	30 000
dimethylamine	124-40-3	10	10	100	10
dimethylaniline, N,N- [DMA]	121-69-7	40	100	8 000	300
epichlorohydrin	106-89-8	10	30	400	80
epoxybutane, 1,2-	106-88-7	200	600	20 000	1 500
ethyl acetate	141-78-6	700	2 000	65 000	5 500
ethyl acrylate	140-88-5	80	250	7 500	650
ethyl methacrylate	97-63-2	3 000	9 000	250 000	25 000
ethylbenzene	100-41-4	10 000	30 000	100 000	80 000
ethylene oxide	75-21-8	100	100	1 000	100
furan	110-00-9	20	60	4 000	150
hexachlorobutadiene	87-68-3	10	15	200	35
hexachlorocyclopentadiene	77-47-4	10	10	100	15
hexachloroethane	67-72-1	300	900	10 000	2 500
isopropylbenzene	98-82-8	4 000	10 000	100 000	30 000
methacrylonitrile	126-98-7	300	900	3 000	2 500
methyl acetate	79-20-9	20 000	60 000	600 000	150 000
methyl acrylate	96-33-3	200	600	7 000	1 500
methyl ethyl ketone [MEK]	78-93-3	50 000	150 000	150 000	150 000
methyl isobutyl ketone [MIBK]	108-10-1	30 000	80 000	80 000	80 000

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
methyl mercaptan	74-93-1	20	35	2 000	90
methyl methacrylate	80-62-6	7 000	20 000	200 000	55 000
methyl tert-butyl ether [MTBE]	1634-04-4	30 000	90 000	200 000	200 000
methylcyclohexane	108-87-2	15 000	50 000	1 500 000	150 000
methylstyrene, alpha-	98-83-9	1 500	4 000	50 000	10 000
naphthalene	91-20-3	30	90	2 500	250
n-decane	124-18-5	25 000	80 000	2 500 000	200 000
n-hexane	110-54-3	7 000	20 000	70 000	55 000
nitrobenzene	98-95-3	10	10	250	20
nitrotoluene, 2-	88-72-2	20	55	3 500	150
phosphine	7803-51-2	100	100	400	100
propylene oxide	75-56-9	25	80	2 500	200
pyridine	110-86-1	1 000	3 500	3 500	3 500
styrene	100-42-5	10 000	30 000	200 000	80 000
tetrachloroethane, 1,1,1,2-	630-20-6	15	40	1 000	100
tetrachloroethane, 1,1,2,2-	79-34-5	400	1 000	7 000	3 000
tetrachloroethylene	127-18-4	400	1 000	35 000	3 000
tetrahydrofuran	109-99-9	35	100	3 000	250
toluene	108-88-3	50 000	75 000	75 000	75 000

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)³	Agricultural, Urban Park, Residential Use Standard	Commercial Use Standard	Industrial Use Standard	Parkade Use Standard
trichloro-1,2,2-trifluoroethane, 1,1,2-	76-13-1	300 000	900 000	4 000 000	2 500 000
trichlorobenzene, 1,2,4-	120-82-1	70	200	6 500	550
trichloroethane, 1,1,1-	71-55-6	50 000	150 000	4 500 000	400 000
trichloroethane, 1,1,2-	79-00-5	5	6	200	15
trichloroethylene	79-01-6	6	18	60	45
trichlorofluoromethane	75-69-4	7 000	20 000	650 000	55 000
trichloropropane, 1,1,2-	598-77-6	100	300	20 000	800
trichloropropane, 1,2,3-	96-18-4	5	9	250	25
trichloropropene, 1,2,3-	96-19-5	5	9	250	25
triethylamine	121-44-8	70	200	4 000	550
trimethylbenzene, 1,2,4-	95-63-6	70	200	6 500	550
trimethylbenzene, 1,3,5-	108-67-8	35	100	6 500	250
vinyl acetate	108-05-4	2 000	6 000	35 000	15 000
vinyl bromide	593-60-2	10	10	300	25
vinyl chloride	75-01-4	10	35	1 000	90
VPHv ⁴	NA	10 000	30 000	1 150 000	80 000
xylenes, total ⁵	1330-20-7	1 000	3 000	90 000	8 000

Notes

1. All values in µg/m³ unless otherwise stated.
2. Upper cap concentrations applied to soil vapour may be adjusted for depth dependent attenuation as specified in a director's protocol.
3. NA – not applicable. No CAS number exists for the substance.

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances^{1,2}

4. VPHv is Volatile Petroleum Hydrocarbons in vapour which includes the sum of those compounds with a carbon range from 6 to 13 obtained by approved methods minus the sum of benzene, ethylbenzene, n-decane, n-hexane, styrene, toluene and xylenes, where approved methods are specified by a director's protocol.
5. Upper cap concentration for the substance applies to sum of ortho, meta and para isomers vapour concentrations.

Table 8. Environmental health aquatic life sediment exposure upper cap concentrations for Schedule 3.4 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)²	Freshwater Sediment³ Standard for Sensitive Use	Freshwater Sediment³ Standard for Typical Use	Marine and Estuarine Sediment⁴ Standard for Sensitive Use	Marine and Estuarine Sediment⁴ Standard for Typical Use
acenaphthene	83-32-9	0.55	1.1	0.55	1.1
acenaphthylene	208-96-8	0.8	1.5	0.79	1.5
anthracene	120-12-7	1.5	2.9	1.5	2.9
arsenic	7440-38-2	110	200	260	500
benz(a)anthracene	56-55-3	2.4	4.6	4.3	8.3
benzo(a)pyrene	50-32-8	4.8	9.4	4.7	9.2
cadmium	7440-43-9	22	42	26	50
chlordanes (cis + trans)	5103-71-9 & 5103-74-2	0.055	0.11	0.03	0.057
chromium	7440-47-3	560	1 100	990	1 900
chrysene	218-01-9	5.3	10	5.2	10
copper	7440-50-8	1 200	2 400	670	1 300
dibenz(a,h)anthracene	53-70-3	0.84	1.6	0.84	1.6
dichlorodiphenyldichloroethane (2,4' + 4,4' isomers) [DDD]	53-19-0 & 72-54-8	0.053	0.1	0.048	0.094
dichlorodiphenyldichloroethylene (2,4' + 4,4' isomers) [DDE]	3424-82-6 & 72-55-9	0.042	0.081	2.3	4.5
dichlorodiphenyltrichloroethane (2,4' + 4,4' isomers) [DDT]	789-02-6 & 50-29-3	0.03	0.057	0.03	0.057
dieldrin	60-57-1	0.041	0.08	0.027	0.052
endrin	72-20-8	0.39	0.75	0.39	0.75
fluoranthene	206-44-0	15	28	9.3	18
fluorene	86-73-7	0.89	1.7	0.89	1.7
heptachlor and heptachlor epoxide	76-44-8 & 1024-57-3	0.017	0.033	0.017	0.033
hexachlorocyclohexane, gamma-	58-89-9	0.0086	0.017	0.0061	0.012

Table 8. Environmental health aquatic life sediment exposure upper cap concentrations for Schedule 3.4 substances¹

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)²	Freshwater Sediment³ Standard for Sensitive Use	Freshwater Sediment³ Standard for Typical Use	Marine and Estuarine Sediment⁴ Standard for Sensitive Use	Marine and Estuarine Sediment⁴ Standard for Typical Use
lead	7439-927-1	570	1 100	690	1 300
methylnaphthalene, 2-	91-57-6	1.2	2.4	1.2	2.4
mercury	7439-97-6	3	5.8	4.3	8.4
naphthalene	91-20-3	2.4	4.7	2.4	4.7
pentachlorophenol [PCP]	87-86-5	4	8	3.6	6.9
phenanthrene	85-01-8	3.2	6.2	3.4	6.5
polycyclic aromatic hydrocarbons, total [PAHs] ⁵	NA	100	200	100	200
polychlorinated biphenyls, total [PCBs] ⁶	1336-36-3	1.7	3.3	1.2	2.3
polychlorinated dioxins and furans [PCDDs and PCDFs] ⁷	1746-01-6	0.0013	0.0026	0.0013	0.0026
pyrene	129-00-0	5.4	11	8.7	17
zinc	7440-66-6	2 000	3 800	1 700	3 300

Notes

1. All values are in µg/g dry weight (dwt) unless otherwise stated.
2. NA – not applicable. No CAS number exists for the substance
3. Upper cap concentrations are specific to the protection of freshwater aquatic life only.
4. Upper cap concentrations are specific to the protection of marine and/or estuarine aquatic life only.
5. PAHs, total in sediment includes:
 acenaphthene,
 acenaphthylene,
 anthracene,
 benz(a)anthracene,
 benzo(a)pyrene,

Table 8. Environmental health aquatic life sediment exposure upper cap concentrations for Schedule 3.4 substances¹

chrysene,
dibenz(a,h)anthracene,
fluoranthene,
fluorene,
methylnaphthalene, 2-
naphthalene,
phenanthrene, and
pyrene.

6. PCBs, total in sediment includes the sum of Arochlors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262 and 1268.
7. Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed as 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalent as specified in a director's protocol.