

CONTAMINATED SITES REGULATION — Continued
B.C. Reg. 375/96

Schedule 4

[en. B.C. Reg. 324/2004, s. 68.]

Generic Numerical Soil Standards¹

COLUMN I Substance	COLUMN II Agricultural (AL)	COLUMN III Urban Park (PL)	COLUMN IV Residential (RL)	COLUMN V Commercial (CL)	COLUMN VI Industrial (IL)
Inorganic Substances					
antimony	20	20	20	40	40
barium	750	500	500	2 000	2 000
beryllium	4	4	4	8	8
boron (hot water soluble)	2				
cobalt	40	50	50	300	300
cyanide (WAD) ²	0.5	10	10	100	100
cyanide (SAD) ³	5	50	50	500	500
fluoride	200	400	400	2 000	2 000
molybdenum	5	10	10	40	40
nickel	150	100	100	500	500
selenium	2	3	3	10	10
silver	20	20	20	40	40
sulphur (elemental)	500				
thallium ⁴	2				
tin	5	50	50	300	300
vanadium	200	200	200		
Miscellaneous Inorganic and Organic Substances					
nonaqueous phase liquids	not present ⁵	not present ⁵	not present ⁵	not present ⁵	not present ⁵
odorous substances	not present ⁶	not present ⁶	not present ⁶	not present ⁶	not present ⁶
<i>petroleum hydrocarbons</i>					
VPHs ⁷	200	200	200	200	200
LEPHs ⁸	1 000	1 000	1 000	2 000	2 000
HEPHs ⁹	1 000	1 000	1 000	5 000	5 000
Organic Substances Chlorinated Hydrocarbons					
<i>chlorinated aliphatics</i>					
chlorinated aliphatics ¹⁰ (each)	0.1	5	5	50	50
<i>chlorinated benzenes</i>					
chlorobenzenes ¹¹ (each)	0.05	2	2	10	10
dichlorobenzenes ¹² (each)	0.1	1	1	10	10
hexachlorobenzene	0.05	2	2	10	10

monochlorobenzene	0.1	1	1	10	10
hexachlorocyclohexane	0.01				
Monocyclic Aromatic Hydrocarbons (MAHs)					
styrene	0.1	5	5	50	50
Phenolic Substances					
<i>chlorinated phenols</i>					
chlorinated phenols ¹³ (each)	0.05	0.5	0.5	5	5
<i>nonchlorinated phenols</i>					
nonchlorinated phenols ¹⁴ (each)	0.1	1	1	10	10
Phthalic Acid Esters					
phthalic acid esters ¹⁵ (each)	30				
Polycyclic Aromatic Hydrocarbons (PAHs)					
benz[a]anthracene	0.1	1	1	10	10
benzo[b]fluoranthene	0.1	1	1	10	10
benzo[k]fluoranthene	0.1	1	1	10	10
dibenz[a,h]anthracene	0.1	1	1	10	10
indeno (1,2,3-cd) pyrene	0.1	1	1	10	10
naphthalene	0.1	5	5	50	50
phenanthrene	0.1	5	5	50	50
pyrene	0.1	10	10	100	100

Footnotes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in a director's protocol or alternate methods acceptable to a director.

2. WAD means weak acid dissociable.

3. SAD means strong acid dissociable.

4. Standard has been adjusted based on analytical detection limit of 2 µg/g for substance.

5. Soil must be remediated so that nonaqueous phase liquids are not present in quantities in excess of that acceptable to a director.

6. Soil must be remediated so that odorous substances are not present in quantities in excess of that acceptable to a director.

7. VPHs include:

volatile petroleum hydrocarbons with the exception of benzene, toluene, ethylbenzene and xylenes.

8. LEPHs include:

light extractable petroleum hydrocarbons with the exception of benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno (1,2,3-cd) pyrene, naphthalene, phenanthrene and pyrene.

9. HEPHs include:

heavy extractable petroleum hydrocarbons with the exception of benz[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, dibenz[a,h]anthracene, indeno (1,2,3-cd) pyrene, naphthalene, phenanthrene and pyrene.

10. Chlorinated aliphatics include:

chloroform,
dichloroethane (1,1-, 1,2-),
dichloroethene (1,1-, 1,2-),
dichloromethane,
1,2-dichloropropane,
1,3-dichloropropene (cis and trans),
carbon tetrachloride,
trichloroethane (1,1,1-, 1,1,2-)

11. Chlorobenzene includes:

trichlorobenzene,
tetrachlorobenzene, and
pentachlorobenzene.

12. Dichlorobenzenes includes:

1,2-dichlorobenzene,
1,3-dichlorobenzene, and
1,4-dichlorobenzene.

13. Chlorinated phenols include:

chlorophenol isomers (ortho, meta, para),
dichlorophenols (2,6-, 2,5-, 2,4-, 3,5-, 2,3-, 3,4-),
trichlorophenols (2,4,6-, 2,3,6-, 2,4,5-, 2,3,5-, 2,3,4-, 3,4,5-), and
tetrachlorophenols (2,3,5,6-, 2,3,4,5-, 2,3,4,6-).

14. Nonchlorinated phenols include:

2,4-dimethylphenol,
2,4-dinitrophenol,
2-methyl 4,6-dinitrophenol,
nitrophenol (2-, 4-),
phenol, and
cresol.

15. Phthalic acid esters include:

dibutyl phthalate (DBP), and
di(2-ethylhexyl) phthalate (DEHP).

CONTAMINATED SITES REGULATION — Continued
B.C. Reg. 375/96

Schedule 5

[am. B.C. Regs. 244/99, ss. 18 and 19; 17/2002, s. 29; 324/2004, s. 69.]

Matrix Numerical Soil Standards¹

Arsenic

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	100	100	100	300		3,4
Groundwater used for drinking water	15	15	15	15	15	5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	50	50	50	100	100	
Livestock ingesting soil and fodder	25					
Major microbial functional impairment	NS					6
Groundwater flow to surface water used by aquatic life						
Freshwater	20	20	20	20	20	5
Marine	25	25	25	25	25	5
Groundwater used for livestock watering	15					5
Groundwater used for irrigation watering	25	25	25			5

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Standard has been derived based on results of clinical studies at sites. Standard represents the rounded sum of the toxicologically-based value plus the soil ingestion clinical study factor. For AL, PL and RL the soil ingestion clinical study factor is 80 µg/g. For CL soil ingestion the clinical study factor is 240 µg/g.

4. Intake pathway of exposure modeled is inadvertent ingestion of soil.

5. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses, the reference provincial background soil concentration is 14.9 µg/g.

6. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Benzene

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	1000	1000	1000	4000		3
Groundwater used for drinking water	0.04	0.04	0.04	0.04	0.04	4
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	70	70	70	150	150	
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life						
Freshwater	10	10	10	10	10	
Marine	2.5	2.5	2.5	2.5	2.5	
Groundwater used for livestock watering	NS					6
Groundwater used for irrigation watering	NS	NS	NS			6

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. Standard is equivalent to the reference analytical detection limit of 0.04 µg/g. The toxicologically-based value equals the reference analytical detection limit for the substance.

5. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

6. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Benzo[a]pyrene (B[A]P)

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	<u>2</u>
HUMAN HEALTH PROTECTION						
Intake of contaminated soil		5	5	15		<u>3</u>
Groundwater used for drinking water	NS	NS	NS	NS	NS	<u>4</u>
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.1	1	1	10	10	<u>5</u>
Livestock ingesting soil and fodder	NS					<u>6</u>
Major microbial functional impairment	NS					<u>6</u>
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	<u>4</u>
Groundwater used for livestock watering	NS	NS	NS			<u>7</u>
Groundwater used for irrigation watering	NS					<u>7</u>

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. NS – no standard. Model predicts that under the scenario used to derive matrix standards, Canadian Water Quality Guidelines will not be exceeded.

5. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.

6. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

7. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Cadmium

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	<u>2</u>
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	3 or 35	3 or 35	3 or 35	100		<u>3,4,5</u>
Groundwater used for drinking water						
pH < 6.5	1.5	1.5	1.5	1.5	1.5	<u>6,7</u>
pH 6.5 – < 7.0	3	3	3	3	3	<u>6,7</u>
pH 7.0 – < 7.5	15	15	15	15	15	<u>6,7</u>
pH 7.5 – < 8.0	200	200	200	200	200	<u>6,7</u>
pH ≥ 8.0	1 000	1 000	1 000	1 000	1 000	<u>6,7</u>
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	70	70	70	500	500	
Livestock ingesting soil and fodder	9					
Major microbial functional impairment	NS					<u>8</u>
Groundwater flow to surface water used by aquatic life						
Freshwater						
pH < 7.0	2	2	2	2	2	<u>6,7</u>
pH 7.0 – < 7.5	2.5	2.5	2.5	2.5	2.5	<u>6,7</u>
pH 7.5 – < 8.0	25	25	25	25	25	<u>6,7</u>
pH ≥ 8.0	150	150	150	150	150	<u>6,7</u>
Marine						
pH < 7.0	2	2	2	2	2	<u>6,7</u>
pH 7.0 – < 7.5	3.5	3.5	3.5	3.5	3.5	<u>6,7</u>
pH 7.5 – < 8.0	35	35	35	35	35	<u>6,7</u>
pH ≥ 8.0	200	200	200	200	200	<u>6,7</u>
Groundwater used for livestock watering						
pH < 6.0	2.5					<u>6,7</u>

pH 6.0 – < 6.5	6					6,7
pH 6.5 – < 7.0	30					6,7
pH 7.0 – < 7.5	200					6,7
pH 7.5 – < 8.0	3 000					6,7
pH ≥ 8.0	20 000					6,7
Groundwater used for irrigation watering						
pH < 6.5	2	2	2			6,7
pH 6.5 – < 7.0	3	3	3			6,7
pH 7.0 – < 7.5	15	15	15			6,7
pH 7.5 – < 8.0	200	200	200			6,7
pH ≥ 8.0	1 000	1 000	1 000			6,7

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. If land is used to grow produce for human consumption, the standard is 3 µg/g; if not, the standard is 35 µg/g.
4. The 3 µg/g standard has been derived based on results of clinical studies at sites. It represents the rounded remainder of the toxicologically-based value, 35 µg/g, minus the soil ingestion clinical study factor, 32 µg/g.
5. Intake pathway of exposure modeled is inadvertent ingestion of soil.
6. The pH is the pH of the soil at a site.
7. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses, the reference provincial background soil concentration is 1.3 µg/g.
8. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Chromium

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	100	100	100	300		3,4
Groundwater used for drinking water	60	60	60	60	60	5,6
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	300	300	300	700	700	5
Livestock ingesting soil and fodder	150 50					4 7
Major microbial functional impairment	50					5,8
Groundwater flow to surface water used by aquatic life						
Freshwater	60 65	60 65	60 65	60 65	60 65	4,6 6,7
	60 95	60 95	60 95	60 95	60 95	4,6 6,7
Groundwater used for livestock watering	60					9
Groundwater used for irrigation watering	60	60	60			9

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. Intake pathway of exposure modeled is inadvertent ingestion of soil.
4. Standard is for chromium (+6).
5. Standard is for chromium (total).
6. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses and chromium species, the reference provincial background soil concentration is 58.9 µg/g.

7. Standard is for chromium (+3).

8. Standard is set equal to the Canadian Council of Ministers of the Environment, 1999 — Nutrient and energy cycling check value.

9. Standard is applicable to both chromium (+3) and chromium (+6).

Matrix Numerical Soil Standards¹

Copper

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	15 000	15 000	15 000	50 000		3
Groundwater used for drinking water						
pH < 5.0	250	250	250	250	250	4,5
pH 5.0 – < 5.5	400	400	400	400	400	4,5
pH 5.5 – < 6.0	1 500	1 500	1 500	1 500	1 500	4,5
pH 6.0 – < 6.5	15 000	15 000	15 000	15 000	15 000	4,5
pH ≥ 6.5	350 000	350 000	350 000	350 000	350 000	4,5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	150	150	150	250	250	
Livestock ingesting soil and fodder	150					
Major microbial functional impairment	NS					6
Groundwater flow to surface water used by aquatic life						7
pH < 5.0	90	90	90	90	90	4,5
pH 5.0 – < 5.5	100	100	100	100	100	4,5
pH 5.5 – < 6.0	200	200	200	200	200	4,5
pH 6.0 – < 6.5	1 500	1 500	1 500	1 500	1 500	4,5
pH ≥ 6.5	30 000	30 000	30 000	30 000	30 000	4,5
Groundwater used for livestock watering						
pH < 5.0	100					4,5
pH 5.0 – < 5.5	150					4,5
pH 5.5 – < 6.0	500					4,5
pH 6.0 – < 6.5	5 000					4,5
pH ≥ 6.5	90 000					4,5
Groundwater used for irrigation watering						
pH < 5.0	100	100	100			4,5

pH 5.0 – < 5.5	150	150	150			4,5
pH 5.5 – < 6.0	350	350	350			4,5
pH 6.0 – < 6.5	3 500	3 500	3 500			4,5
pH ≥ 6.5	75 000	75 000	75 000			4,5

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. The pH is the pH of the soil at a site.

5. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses, the reference provincial background soil concentration is 74.0 µg/g.

6. Standard is applicable to livestock other than sheep. Consult director for further advice.

7. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Dichloro-diphenyl-trichloroethane (DDT)²

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	15	15	15	50		4
Groundwater used for drinking water	NS	NS	NS	NS	NS	5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	10	10	10	15	15	
Livestock ingesting soil and fodder	NS					6
Major microbial functional impairment	550					7
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	5
Groundwater used for livestock watering	NS					5
Groundwater used for irrigation watering	NS	NS	NS			5,8

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. Includes DDT metabolites.

3. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

4. Intake pathway of exposure modeled is inadvertent ingestion of soil.

5. NS – no standard. Substance is sufficiently hydrophobic to render it essentially insoluble and therefore immobile in aqueous media.

6. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

7. Standard is set equal to the Canadian Council of Ministers of the Environment, 1999 - Nutrient and energy cycling check value.

8. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Ethylbenzene

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	3 500	3 500	3 500	10 000		3
Groundwater used for drinking water	7	7	7	7	7	
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	1	1	1	20	20	4
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life						
Freshwater	6 000	6 000	6 000	6 000	6 000	6
Marine	7 000	7 000	7 000	7 000	7 000	6
Groundwater used for livestock watering	NS					7
Groundwater used for irrigation watering	NS	NS	NS			7

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. Insufficient acceptable data exists, so standards are set equal to the Canadian Council of Ministers of the Environment 1999 provisional soil quality criteria.

5. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

6. Standard would generate leachate concentrations at source in excess of solubility limit for substance. Substance would be present as NAPL in groundwater at soil concentrations greater than 1 000 µg/g.

7. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Ethylene Glycol

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	65 000	65 000	65 000	200 000		3
Groundwater used for drinking water	NS	NS	NS	NS	NS	4
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	5 500	5 500	5 500	20 000	20 000	
Livestock ingesting soil and fodder	NS					4
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life	1 500	1 500	1 500	1 500	1 500	
Groundwater used for livestock watering	NS					4
Groundwater used for irrigation watering	NS	NS	NS			4

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

5. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Lead

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	500	500	500	1000		3,4
Groundwater used for drinking water						
pH < 6.0	100	100	100	100	100	5,6
pH 6.0 – < 6.5	250	250	250	250	250	5,6
pH ≥ 6.5	4 000	4 000	4 000	4 000	4 000	5,6
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	1 000	1 000	1 000	2 000	2 000	
Livestock ingesting soil and fodder	350					
Major microbial functional impairment	NS					7
Groundwater flow to surface water used by aquatic life						
pH < 5.5	150	150	150	150	150	5,6
pH 5.5 – < 6.0	250	250	250	250	250	5,6
pH 6.0 – < 6.5	2 000	2 000	2 000	2 000	2 000	5,6
pH ≥ 6.5	40 000	40 000	40 000	40 000	40 000	5,6
Groundwater used for livestock watering						
pH < 5.5	150					5,6
pH 5.5 – < 6.0	250					5,6
pH 6.0 – < 6.5	1 500					5,6
pH ≥ 6.5	30 000					5,6
Groundwater used for irrigation watering						
pH < 5.5	150	150	150			5,6
pH 5.5 – < 6.0	400	400	400			5,6
pH 6.0 – < 6.5	3 500	3 500	3 500			5,6
pH ≥ 6.5	100 000	100 000	100 000			5,6

Notes

1. All values in $\mu\text{g/g}$ unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. Intake pathway of exposure modeled is inadvertent ingestion of soil.
4. Standard has been derived based on clinical studies at sites. Standard represents the rounded sum of the toxicologically-based value, $115 \mu\text{g/g}$, plus the soil ingestion clinical study factor, $385 \mu\text{g/g}$. For CL soil ingestion the clinical study factor is $650 \mu\text{g/g}$.
5. The pH is the pH of the soil at a site.
6. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses, the reference provincial background soil concentration is $108.6 \mu\text{g/g}$.
7. NS - no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Mercury (Inorganic)

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	15	15	15	40		3
Groundwater used for drinking water	NS	NS	NS	NS	NS	4
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	100	100	100	150	150	
Livestock ingesting soil and fodder	0.6					
Major microbial functional impairment	20					5
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	4
Groundwater used for livestock watering	NS					4
Groundwater used for irrigation watering	NS	NS	NS			4

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in a director's protocol or alternate methods acceptable to a director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. Intake pathway of exposure modeled is inadvertent ingestion of soil.
4. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.
5. Standard is set equal to the Canadian Council of Ministers of the Environment, 1999 — Nutrient and energy cycling check value.

Matrix Numerical Soil Standards¹

Pentachlorophenol

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	100	100	100	300		3
Groundwater used for drinking water						
pH < 4.5	750 000	750 000	750 000	750 000	750 000	4
pH 4.5 – < 5.0	450 000	450 000	450 000	450 000	450 000	4
pH 5.0 – < 5.5	4 000	4 000	4 000	4 000	4 000	4
pH 5.5 – < 6.0	70	70	70	70	70	4
pH 6.0 – < 6.5	6.5	6.5	6.5	6.5	6.5	4
pH 6.5 – < 7.0	2.0	2.0	2.0	2.0	2.0	4
pH 7.0 – < 7.5	1.5	1.5	1.5	1.5	1.5	4
pH ≥ 7.5	1.0	1.0	1.0	1.0	1.0	4
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	20	20	20	50	50	
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life						
pH < 4.5	300 000	300 000	300 000	300 000	300 000	
pH 4.5 – < 5.0	20 000	20 000	20 000	20 000	20 000	4,6
pH 5.0 – < 5.5	150	150	150	150	150	4,6
pH 5.5 – < 6.0	2.5	2.5	2.5	2.5	2.5	4,6
pH 6.0 – < 6.5	0.3	0.3	0.3	0.3	0.3	4,6
pH 6.5 – < 7.0	0.15	0.15	0.15	0.15	0.15	4,6
pH 7.0 – < 7.5	0.15	0.15	0.15	0.15	0.15	4,6
pH 7.5 – < 8.0	0.2	0.2	0.2	0.2	0.2	4,6
pH ≥ 8.0	0.35	0.35	0.35	0.35	0.35	4,6
Groundwater used for livestock watering						
pH < 4.5	750 000					4

pH 4.5 – < 5.0	450 000					4
pH 5.0 – < 5.5	4 000					4
pH 5.5 – < 6.0	70					4
pH 6.0 – < 6.5	6.5					4
pH 6.5 – < 7.0	2.0					4
pH 7.0 – < 7.5	1.5					4
pH ≥ 7.5	1.0					4
Groundwater used for irrigation watering	NS	NS	NS			7

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. Intake pathway of exposure modeled is inadvertent ingestion of soil.
4. The pH is the pH of the soil at a site.
5. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.
6. Standard varies with temperature of surface water used by aquatic life; 20°C is assumed. Consult director for further advice.
7. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Polychlorinated Biphenyls (PCBs)²

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	3
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	5	5	5	15		4
Groundwater used for drinking water	NS	NS	NS	NS	NS	5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.5	5	5	50	50	6
Livestock ingesting soil and fodder	NS					7
Major microbial functional impairment	NS					7
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	8
Groundwater used for livestock watering	NS					8
Groundwater used for irrigation watering	NS	NS	NS			8

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. Polychlorinated biphenyls (PCBs) include Arochlor mixtures 1242, 1248, 1254 and 1260.

3. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

4. Intake pathway of exposure modeled is inadvertent ingestion of soil.

5. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

6. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.

7. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

8. NS – no standard. No appropriate model to calculate environmental transport of complex mixtures exists.

Matrix Numerical Soil Standards¹

Polychlorinated Dioxins and Furans (PCDDs and PCDFs)²

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	3
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	0.00035	0.00035	0.00035	0.001		4
Groundwater used for drinking water	NS	NS	NS	NS	NS	5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.00001	0.001	0.001	0.0025	0.0025	6
Livestock ingesting soil and fodder	NS					7
Major microbial functional impairment	NS					7
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	5
Groundwater used for livestock watering	NS					5
Groundwater used for irrigation watering	NS	NS	NS			5

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. Polychlorinated dibenzo-p-dioxins (PCDDs) and polychlorinated dibenzofurans (PCDFs) expressed in 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) toxicity equivalents NATO International Toxicity Equivalency Factors (I-TEFs) for congeners and isomers of PCDDs and PCDFs are as follows:

Polychlorinated Dioxins and Furans (PCDDs and PCDFs)

PCDD Congener	I-TEF	PCDF Congener	I-TEF
2,3,7,8-T ₄ CDD	1.0	2,3,7,8-T ₄ CDF	0.1
1,2,3,7,8-P ₅ CDD	0.5	2,3,4,7,8-P ₅ CDF	0.5
1,2,3,4,7,8-H ₆ CDD	0.1	1,2,3,7,8-P ₅ CDF	0.05
1,2,3,7,8,9-H ₆ CDD	0.1	1,2,3,4,7,8-H ₆ CDF	0.1
1,2,3,6,7,8-H ₆ CDD	0.1	1,2,3,7,8,9-H ₆ CDF	0.1
1,2,3,4,6,7,8-H ₇ CDD	0.01	1,2,3,6,7,8-H ₆ CDF	0.1
O ₈ CDD	0.001	2,3,4,6,7,8-H ₆ CDF	0.1
		1,2,3,4,6,7,8-H ₇ CDF	0.01
		1,2,3,4,7,8,9-H ₇ CDF	0.01
		O ₈ CDF	0.001

3. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
4. Intake pathway of exposure modeled is inadvertent ingestion of soil.
5. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.
6. Insufficient acceptable environmental data exists, so AL, PL, and RL standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.
7. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Tetrachloroethylene (PERC)

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	1 000	1 000	1 000	3 500		3
Groundwater used for drinking water	NS	NS	NS	NS	NS	4
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.1	5	5	50	50	5
Livestock ingesting soil and fodder	NS					6
Major microbial functional impairment	NS					6
Groundwater flow to surface water used by aquatic life	5	5	5	5	5	
Groundwater used for livestock watering	NS					4
Groundwater used for irrigation watering	NS	NS	NS			4

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

5. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.

6. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

Matrix Numerical Soil Standards¹

Toluene

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	40 000	40 000	40 000	100 000		3
Groundwater used for drinking water	2.5	2.5	2.5	2.5	2.5	
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	1.5	1.5	1.5	25	25	4
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life						
Freshwater	40	40	40	40	40	6
Marine	350	350	350	350	350	6
Groundwater used for livestock watering	NS					7
Groundwater used for irrigation watering	NS	NS	NS			7

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment 1999 provisional soil quality criteria.

5. NS - no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

6. Standard comes into effect January 1, 2002. Until that date, applicable standard is 300 µg/g.

7. NS - no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Trichloroethylene (TCE)

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	200	200	200	600		3
Groundwater used for drinking water	0.15	0.15	0.15	0.15	0.15	
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.1	5	5	50	50	4
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life	0.65	0.65	0.65	0.65	0.65	
Groundwater used for livestock watering	0.15					
Groundwater used for irrigation watering	NS	NS	NS			6

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.

5. NS - no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

6. NS - no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Xylene

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	65 000	65 000	65 000	200 000		3
Groundwater used for drinking water	20	20	20	20	20	
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	0.1	5	5	50	50	4
Livestock ingesting soil and fodder	NS					5
Major microbial functional impairment	NS					5
Groundwater flow to surface water used by aquatic life	NS	NS	NS	NS	NS	6
Groundwater used for livestock watering	NS					6
Groundwater used for irrigation watering	NS	NS	NS			6

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.

2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.

3. Intake pathway of exposure modeled is inadvertent ingestion of soil.

4. Insufficient acceptable environmental data exists, so standards are set equal to the Canadian Council of Ministers of the Environment interim soil quality criteria.

5. NS – no standard. Insufficient acceptable scientific data exists, so no standard is calculated.

6. NS – no standard. No appropriate standard, guideline or criterion exists to use to develop a soil quality standard.

Matrix Numerical Soil Standards¹

Zinc

COLUMN I	COLUMN II	COLUMN III	COLUMN IV	COLUMN V	COLUMN VI	Note
Site-specific Factor	SOIL STANDARD FOR PROTECTION OF SITE-SPECIFIC FACTOR					
	Agricultural (AL)	Urban Park (PL)	Residential (RL)	Commercial (CL)	Industrial (IL)	2
HUMAN HEALTH PROTECTION						
Intake of contaminated soil	10 000	10 000	10 000	30 000		3
Groundwater used for drinking water						
pH < 5.0	150	150	150	150	150	4,5
pH 5.0 – < 5.5	200	200	200	200	200	4,5
pH 5.5 – < 6.0	300	300	300	300	300	4,5
pH 6.0 – < 6.5	1 000	1 000	1 000	1 000	1 000	4,5
pH 6.5 – < 7.0	7 500	7 500	7 500	7 500	7 500	4,5
pH ≥ 7.0	15 000	15 000	15 000	15 000	15 000	4,5
ENVIRONMENTAL PROTECTION						
Toxicity to soil invertebrates and plants	450	450	450	600	600	
Livestock ingesting soil and fodder	200					
Major microbial functional impairment	320					6
Groundwater flow to surface water used by aquatic life						
Freshwater						
pH < 6.0	150	150	150	150	150	4,5,7
pH 6.0 – < 6.5	300	300	300	300	300	4,5,7
pH 6.5 – < 7.0	1 500	1 500	1 500	1 500	1 500	4,5,7
pH ≥ 7.0	3 000	3 000	3 000	3 000	3 000	4,5,7
Marine						
pH < 6.5	150	150	150	150	150	4,5,7
pH 6.5 – < 7.0	300	300	300	300	300	4,5,7
pH 7.0 – < 7.5	2 000	2 000	2 000	2 000	2 000	4,5,7
pH ≥ 7.5	35 000	35 000	35 000	35 000	35 000	4,5,7
Groundwater used for livestock watering						
pH < 5.5	150					4,5
pH 5.5 – < 6.0	200					4,5

pH 6.0 – < 6.5	500					4,5
pH 6.5 – < 7.0	3 000					4,5
pH ≥ 7.0	7 000					4,5
Groundwater used for irrigation watering						
pH < 6.0	150	150	150			4,5
pH 6.0 – < 6.5	500	500	500			4,5
pH 6.5 – < 7.0	3 000	3 000	3 000			4,5
pH ≥ 7.0	15 000	15 000	15 000			4,5

Notes

1. All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in protocols approved under section 53 or alternate methods acceptable to the director.
2. The site-specific factors of human intake of contaminated soil and toxicity to soil invertebrates and plants specified in this matrix apply at all sites.
3. Intake pathway of exposure modeled is inadvertent ingestion of soil.
4. The pH is the pH of the soil at a site.
5. Standard has been adjusted based on a reference provincial background soil concentration. Standard represents the rounded sum of the toxicologically-based value plus the reference provincial background soil concentration. For all land uses, the reference provincial background soil concentration is 138.1 µg/g.
6. Standard is set equal to the Canadian Council of Ministers of the Environment, 1999 - Nutrient and energy cycling check value.
7. Standard varies with receiving water hardness (H). H = 100 – < 200 mg/L as CaCO₃ is assumed. Consult director for further advice.

CONTAMINATED SITES REGULATION — Continued
B.C. Reg. 375/96

Schedule 10

[en. B.C. Reg. 324/2004, s. 70.]

Generic Numerical Soil^{1,2} and Water^{3,4} Standards⁵

COLUMN I Substance	COLUMN II Chemical Abstract Service Number (CAS)	COLUMN III Agricultural, Urban Park, Residential Soil Standard	COLUMN IV Commercial, Industrial Soil Standard	COLUMN V Practical Quantification Limit (PQL) in Soil	COLUMN VI Drinking Water (DW) Water Standard	COLUMN VII Practical Quantification Limit (PQL) in Water
acephate	30560-19-1	560	2 000	NC ⁶	77	NC ⁶
acetaldehyde	75-07-0	110	230	NC ⁶	17	NC ⁶
acetochlor	34256-82-1	1 200	12 000	NC ⁶	730	NC ⁶
acetone	67-64-1	1 600	6 000	NC ⁶	3 700	NC ⁶
acetone cyanohydrin	75-86-5	49	490	NC ⁶	29	NC ⁶
acetonitrile	75-05-8	420	1 800	NC ⁶	620	NC ⁶
acrolein	107-02-8	0.1	0.34	NC ⁶		NC ⁶
acrylamide	79-06-1	1.1	3.8	NC ⁶	0.15	NC ⁶
acrylic acid	79-10-7	29 000	100 000 ^Z	NC ⁶	18 000	NC ⁶
acrylonitrile	107-13-1	2.1	4.9	NC ⁶	1.2	NC ⁶
alachlor	15972-60-8	60	210	NC ⁶	8.4	NC ⁶
alar	1596-84-5	9 200	92 000	NC ⁶	5 500	NC ⁶
aldicarb	116-06-3	61	620	NC ⁶	9	NC ⁶
aldicarb sulfone	1646-88-4	61	620	NC ⁶	37	NC ⁶
aldrin	309-00-2	0.29	1.0	NC ⁶	0.7	NC ⁶
ally	5585-64-8	15 000	100 000 ^Z	NC ⁶	9100	NC ⁶
allyl alcohol	107-18-6	310	3 100	NC ⁶	180	NC ⁶
allyl chloride	107-05-1	3 000	30 000	NC ⁶	1 800	NC ⁶
aluminum phosphide	20859-73-8	31	410	NC ⁶	15	NC ⁶
amdro	67485-29-4	18	180	NC ⁶	11	NC ⁶
ametryn	834-12-8	550	5 500	NC ⁶	330	NC ⁶
m-aminophenol	591-27-5	4 300	43 000	NC ⁶	2 600	NC ⁶
4-aminopyridine	504-24-5	1.2	12	NC ⁶	0.73	NC ⁶
amitraz	33089-61-1	150	1 500	NC ⁶	91	NC ⁶
ammonium sulfamate	7773-06-0	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
aniline	62-53-3	850	3 000	NC ⁶		NC ⁶
apollo	74115-24-5	790	8 000	NC ⁶	470	NC ⁶
aramite	140-57-8	190	690	NC ⁶	27	NC ⁶

assure	76578-12-6	550	5 500	NC ⁶	330	NC ⁶
asulam	3337-71-1	3 100	31 000	NC ⁶	1 800	NC ⁶
atrazine	1912-24-9	22	78	NC ⁶	5	NC ⁶
avenge (difenzoquat)	43222-48-6	4 900	49 000	NC ⁶	2 900	NC ⁶
avermectin B1	71751-41-2	24	250	NC ⁶	15	NC ⁶
azinphos-methyl	86-50-0	NS ⁸	NS ⁸	NC ⁶	20	NC ⁶
azobenzene	103-33-3	44	160	NC ⁶	6.1	NC ⁶
<hr/>						
baygon	114-26-1	240	2 500	NC ⁶	150	NC ⁶
bayleton	43121-43-3	1 800	18 000	NC ⁶	1 100	NC ⁶
baythroid	68359-37-5	1 500	15 000	NC ⁶	910	NC ⁶
bendiocarb	22781-23-3	NS ⁸	NS ⁸	NC ⁶	40	NC ⁶
benefin	1861-40-1	18 000	100 000 ^Z	NC ⁶	11 000	NC ⁶
benomyl	17804-35-2	3 100	31 000	NC ⁶	1 800	NC ⁶
bentazon	25057-89-0	1 800	18 000	NC ⁶	1 100	NC ⁶
benzaldehyde	100-52-7	6 100	62 000	NC ⁶	3 700	NC ⁶
benzidine	92-87-5	0.021	0.075	NC ⁶	0.0029	NC ⁶
benzoic acid	65-85-0	100 000 ^Z	100 000 ^Z	NC ⁶	150 000	NC ⁶
benzotrichloride	98-07-7	0.37	1.3	NC ⁶	0.052	NC ⁶
benzyl alcohol	100-51-6	18 000	100 000 ^Z	NC ⁶	11 000	NC ⁶
benzyl chloride	100-44-7	8.9	2.2	NC ⁶	4.0	NC ⁶
bidrin	141-66-2	6.1	62	NC ⁶	3.7	NC ⁶
biphenthrin (talstar)	82657-04-3	920	9 200	NC ⁶	550	NC ⁶
bis(2-chloroethyl) ether	111-44-4	2.1	5.5	NC ⁶	0.61	NC ⁶
bis(2-chloroisopropyl) ether	39638-32-9	29	74	NC ⁶	9.6	NC ⁶
bis(chloromethyl) ether	542-88-1	0.0019	0.0043	NC ⁶	0.0031	NC ⁶
bis(2-chloro-1-methylethyl) ether	108-60-1	29	74	NC ⁶	9.6	NC ⁶
bisphenol A	80-05-7	3 100	31 000	NC ⁶	1 800	NC ⁶
bromate	15541-45-4	310	4 100	NC ⁶	10	NC ⁶
bromocil	314-40-9	NS ⁸	NS ⁸	NC ⁶		NC ⁶
bromobenzene	108-86-1	28	92	NC ⁶	730	NC ⁶
bromodichloromethane	75-27-4	8.2	18	NC ⁶	11	NC ⁶
bromoform (tribromomethane)	75-25-2	620	2 200	NC ⁶		NC ⁶
bromoethene (vinyl bromide)	593-60-2	1.9	4.2	NC ⁶	6.1	NC ⁶
bromomethane (methyl bromide)	74-83-9	3.9	13	NC ⁶	51	NC ⁶
bromophos	2104-96-3	310	3 100	NC ⁶	180	NC ⁶
bromoxynil	1689-84-5	1 200	12 000	NC ⁶	5	NC ⁶
bromoxynil octanoate	1689-99-2	1 200	12 000	NC ⁶	730	NC ⁶
1,3-butadiene	106-99-0	0.061	0.14	NC ⁶	0.69	NC ⁶

1-butanol	71-36-3	6 100	61 000	NC ⁶	3 700	NC ⁶
butylate	2008-41-5	3 100	31 000	NC ⁶	1 800	NC ⁶
butyl benzyl phthalate	85-68-7	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
butylphthalylbutylglycolate	85-70-1	61 000	100 000 ^Z	NC ⁶	37 000	NC ⁶
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cacodylic acid	75-60-5	19	69	NC ⁶	2.7	NC ⁶
caprolactam	105-60-2	31 000	100 000 ^Z	NC ⁶	18 000	NC ⁶
captafol	2425-06-1	570	2 000	NC ⁶	78	NC ⁶
captan	133-06-2	1 400	4 900	NC ⁶		NC ⁶
carbaryl	63-25-2	6 100	62 000	NC ⁶	90	NC ⁶
carbazole	86-74-8	240	860	NC ⁶	34	NC ⁶
carbofuran	1563-66-2	310	3 100	NC ⁶	90	NC ⁶
carbon disulfide	75-15-0	360	720	NC ⁶	3 700	NC ⁶
carbosulfan	55285-14-8	610	6 200	NC ⁶	370	NC ⁶
carboxin	5234-68-4	6 100	62 000	NC ⁶	3 700	NC ⁶
chloramben	133-90-4	920	9 200	NC ⁶	550	NC ⁶
chloranil	118-75-2	12	43	NC ⁶	1.7	NC ⁶
chlordane	12789-03-6	16	65	NC ⁶	7	NC ⁶
chlorimuron-ethyl	90982-32-4	1 200	12 000	NC ⁶	730	NC ⁶
chloride ion (salt – NaCl)	7647-14-5	NS ⁸	NS ⁸	NC ⁶	250 000	NC ⁶
chloroacetic acid	79-11-8	120	1 200	NC ⁶	73	NC ⁶
2-chloroacetophenone	532-27-4	0.033	0.11	NC ⁶	0.31	NC ⁶
4-chloroaniline	106-47-8	240	2 500	NC ⁶	150	NC ⁶
chlorobenzilate	510-15-6	18	64	NC ⁶	2.5	NC ⁶
p-chlorobenzoic acid	74-11-3	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
4-chlorobenzotrifluoride	98-56-6	1 200	12 000	NC ⁶	730	NC ⁶
2-chloro-1,3-butadiene	126-99-8	3.6	12	NC ⁶	730	NC ⁶
1-chlorobutane	109-69-3	480 ⁹	480 ⁹	NC ⁶	15 000	NC ⁶
1-chloro-1,1-difluoroethane (HCFC-142b)	75-68-3	340 ⁹	340 ⁹	NC ⁶	520 000	NC ⁶
chlorodifluoromethane	75-45-6	340 ⁹	340 ⁹	NC ⁶	510 000	NC ⁶
chloroethane	75-00-3	30	65	0.6	46	19
2-chloroethyl phosphonic acid (ethephon)	16672-87-0	310	3 100	NC ⁶	180	NC ⁶
chloromethane	74-87-3	12	26	NC ⁶	52	NC ⁶
4-chloro-2-methylaniline	95-69-2	8.4	30	NC ⁶	1.2	NC ⁶
chloromethyl methyl ether	542-88-1	NS ⁸	NS ⁸	NC ⁶	NS ⁸	NC ⁶
beta-chloronaphthalene	91-58-7	4 900	23 000	NC ⁶	2 900	NC ⁶
o-chloronitrobenzene	88-73-3	1.4	4.5	NC ⁶	37	NC ⁶
p-chloronitrobenzene	100-00-5	10	37	NC ⁶	37	NC ⁶
2-chloropropane	75-29-6	170	590	NC ⁶	1 100	NC ⁶

chlorothalonil	1897-45-6	440	1 600	NC ⁶		NC ⁶
o-chlorotoluene	95-49-8	160	560	NC ⁶	730	NC ⁶
chlorpropham	101-21-3	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
chlorpyrifos	2921-88-2	180	1 800	NC ⁶	90	NC ⁶
chlorpyrifos-methyl	5598-13-0	610	6 200	NC ⁶	370	NC ⁶
chlorsulfuron	64902-72-3	3 100	31 000	NC ⁶	1 800	NC ⁶
chlorthiophos	60238-56-4	49	490	NC ⁶	29	NC ⁶
crotonaldehyde	123-73-9	0.053	0.11	NC ⁶	0.35	NC ⁶
cyanazine	21725-46-2	5.8	21	NC ⁶	10	NC ⁶
cyanogen	460-19-5	130	430	NC ⁶	1 500	NC ⁶
cyanogen bromide	506-68-3	290	970	NC ⁶	3 300	NC ⁶
cyanogen chloride	506-77-4	160	540	NC ⁶	1 800	NC ⁶
cyclohexanone	108-94-1	100 000 ^Z	100 000 ^Z	NC ⁶	180 000	NC ⁶
cyclohexylamine	108-91-8	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
cyclonite (RDX)	121-82-4	44	160	NC ⁶	6.1	NC ⁶
cyhalothrin (karate)	68085-85-8	310	3 100	NC ⁶	180	NC ⁶
cypermethrin	52315-07-8	610	6 200	NC ⁶	370	NC ⁶
cyromazine	66215-27-8	460	4 600	NC ⁶	270	NC ⁶
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2,4-D (2,4-dichlorophenoxyacetic acid)	94-75-7	690	7 700	NC ⁶	100	NC ⁶
2,4-DB (2,4-dichlorophenoxy butyric acid)	94-82-6	490	4 900	NC ⁶	290	NC ⁶
dacthal	1861-32-1	610	6 200	NC ⁶	370	NC ⁶
dalapon	75-99-0	1 800	18 000	NC ⁶	1 100	NC ⁶
danitol	39515-41-8	1 500	15 000	NC ⁶	910	NC ⁶
decabromodiphenyl ether	1163-19-5	610	6 200	NC ⁶	370	NC ⁶
deltamethrin	52918-63-5	NS ⁸	NS ⁸	NC ⁶		NC ⁶
demeton	8065-48-3	2.4	25	NC ⁶	1.5	NC ⁶
diallate	2303-16-4	80	280	NC ⁶	11	NC ⁶
diazinon	333-41-5	55	550	NC ⁶	20	NC ⁶
1,4-dibromobenzene	106-37-6	610	6 200	NC ⁶	370	NC ⁶
dibromochloromethane	124-48-1	11	26	NC ⁶		NC ⁶
1,2-dibromo-3- chloropropane	96-12-8	4.5	20	NC ⁶	0.48	NC ⁶
1,2-dibromoethane	106-93-4	690	0.28	NC ⁶	0.0079	NC ⁶
dibutyl tin (di-n-butyltin)	1002-53-5	NS ⁸	NS ⁸	NC ⁶		NC ⁶
dicamba	1918-00-9	1 800	18 000	NC ⁶	120	NC ⁶
3,3-dichlorobenzidine	91-94-1	11	38	NC ⁶	1.5	NC ⁶
4,4'-dichlorobenzophenone	90-98-2	1 800	18 000	NC ⁶	1 100	NC ⁶
dichlorobromomethane	72-27-4	NS ⁸	NS ⁸	NC ⁶		NC ⁶
1,4-dichloro-2-butene	764-41-0	0.079	0.18	NC ⁶	0.072	NC ⁶

dichlorodifluoromethane	75-71-8	94	310	NC ⁶	7 300	NC ⁶
1,1-dichloroethane	75-34-3	0.1 ¹⁰ or 5 ¹¹	50	0.15	3 700	6
1,2-dichloroethene (cis) (1,2-dichloroethylene (cis))	156-59-2	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	370	3
1,2-dichloroethene (trans) (1,2-dichloroethylene (trans))	156-60-5	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	730	3
1,2-dichloroethylene (cis) (1,2-dichloroethene (cis))	156-59-2	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	370	3
1,2-dichloroethylene (trans) (1,2-dichloroethene (trans))	156-60-5	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	730	3
(2,4-dichlorophenoxy) butyric acid (2,4-DB)	94-82-6	490	4 900	NC ⁶	290	NC ⁶
2,4-dichlorophenoxyacetic acid (2,4-D)	94-75-7	690	7 700	NC ⁶	100	NC ⁶
1,2-dichloropropane	78-87-5	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	9.9	NC ⁶
1,3-dichloropropene	542-75-6	0.1 ¹⁰ or 5 ¹¹	50	NC ⁶	6.7	NC ⁶
2,3-dichloropropanol	616-23-9	180	1 800	NC ⁶	110	NC ⁶
dichlorvos	62-73-7	17	59	NC ⁶	2.3	NC ⁶
dicofol	115-32-2	11	39	NC ⁶	1.5	NC ⁶
dicofop-methyl	51338-27-3	NS ⁸	NS ⁸	NC ⁶	9	NC ⁶
dicyclopentadiene	77-73-6	0.54	1.8	NC ⁶	1 100	NC ⁶
dieldrin	60-57-1	0.3	1.1	0.14	0.7	NC ⁶
diethylene glycol, monobutyl ether	112-34-5	610	6 200	NC ⁶	370	NC ⁶
diethylene glycol, monomethyl ether	111-90-0	3 700	37 000	NC ⁶	2 200	NC ⁶
diethylformamide	617-84-5	240	2 500	NC ⁶	150	NC ⁶
di(2-ethylhexyl)adipate	103-23-1	4 100	14 000	NC ⁶	560	NC ⁶
diethyl phthalate	84-66-2	49 000	100 000 ⁹	NC ⁶	29 000	NC ⁶
diethylstilbestrol	56-53-1	0.001	0.0037	NC ⁶	0.00014	NC ⁶
difenzoquat (avenge)	43222-48-6	4 900	49 000	NC ⁶	2 900	NC ⁶
diflubenzuron	35367-38-5	1 200	12 000	NC ⁶	730	NC ⁶
1,1-difluoroethane	75-37-6	NS ⁸	NS ⁸	NC ⁶	420 000	NC ⁶
diisononyl phthalate	28553-12-0	1 200	12 000	NC ⁶	730	NC ⁶
diisopropyl methylphosphonate	1445-75-6	4 900	49 000	NC ⁶	2 900	NC ⁶
dimethipin	55290-64-7	1 200	12 000	NC ⁶	730	NC ⁶
dimethoate	60-51-5	12	120	NC ⁶	20	NC ⁶
3,3'-dimethoxybenzidine	119-90-4	350	1 200	NC ⁶	48	NC ⁶
dimethylamine	124-40-3	0.067	0.25	NC ⁶	0.21	NC ⁶
n-n-dimethylaniline	121-69-7	120	1 200	NC ⁶	73	NC ⁶
2,4-dimethylaniline	95-68-1	6.5	23	NC ⁶	0.9	NC ⁶
3,3'-dimethylbenzidine	119-93-7	0.53	1.9	NC ⁶	0.073	NC ⁶
n,n-dimethylformamide	68-12-2	6 100	62 000	NC ⁶	3 700	NC ⁶

dimethylphenethylamine	122-09-8	61	620	NC ⁶	37	NC ⁶
2,4-dimethylphenol	105-67-9	0.1 ¹⁰ or 5 ¹¹	10	NC ⁶	730	NC ⁶
2,6-dimethylphenol	576-26-1	37	370	NC ⁶	22	NC ⁶
3,4-dimethylphenol	95-65-8	61	620	NC ⁶	37	NC ⁶
dimethyl phthalate	131-11-3	100 000 ^Z	100 000 ^Z	NC ⁶	370 000	NC ⁶
dimethyl terephthalate	120-61-6	6 100	62 000	NC ⁶	3 700	NC ⁶
di-n-butyltin (dibutyl tin)	1002-53-5	NS ⁸	NS ⁸	NC ⁶		NC ⁶
4,6-dinitro-o-cyclohexyl phenol	131-89-5	120	1 200	NC ⁶	73	NC ⁶
1,2-dinitrobenzene	528-29-0	6.1	620	NC ⁶	3.7	NC ⁶
1,3-dinitrobenzene	99-65-0	6.1	620	NC ⁶	3.7	NC ⁶
1,4-dinitrobenzene	100-25-4	6.1	620	NC ⁶	3.7	NC ⁶
2,4-dinitrotoluene	121-14-2	120	1 200	NC ⁶	73	NC ⁶
2,6-dinitrotoluene	606-20-2	61	620	NC ⁶	37	NC ⁶
dinoseb	88-85-7	61	620	NC ⁶	10	NC ⁶
di-n-octyl phthalate	117-84-0	2 400	25 000	NC ⁶	1 500	NC ⁶
1,4-dioxane	123-91-1	4.4	1 600	NC ⁶	61	NC ⁶
diphenamid	957-51-7	1 800	18 000	NC ⁶	1 100	NC ⁶
diphenylamine	122-39-4	1 500	15 000	NC ⁶	910	NC ⁶
n,n-diphenyl-1,4 benzenediamine (DPPD)	74-31-7	18	180	NC ⁶	11	NC ⁶
1,2-diphenylhydrazine	122-66-7	6.1	22	NC ⁶	0.84	NC ⁶
diphenyl sulfone	127-63-9	180	1 800	NC ⁶	110	NC ⁶
diquat	85-00-7	130	1 400	NC ⁶	70	NC ⁶
disulfoton	298-04-4	2.4	25	NC ⁶	1.5	NC ⁶
1,4-dithiane	505-29-3	610	6 200	NC ⁶	370	NC ⁶
diuron	330-54-1	120	1 200	NC ⁶	150	NC ⁶
dodine	2439-10-3	240	2 500	NC ⁶	150	NC ⁶
DPPD (n,n-diphenyl-1,4 benzenediamine)	74-31-7	18	180	NC ⁶	11	NC ⁶
dual (metolachlor)	51218-45-2	9 200	92 000	NC ⁶	50	NC ⁶
dysprosium	7429-91-6	16 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
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endosulfan	115-29-7	370	3 700	NC ⁶		NC ⁶
endothall	145-73-3	1 200	12 000	NC ⁶	730	NC ⁶
endrin	72-20-8	18	180	NC ⁶		NC ⁶
epichlorohydrin	106-89-8	7.6	26	NC ⁶	73	NC ⁶
1,2-epoxybutane	106-88-7	350	3 500	NC ⁶	210	NC ⁶
EPTC (s-ethyl dipropylthiocarbamate)	759-94-4	1 500	15 000	NC ⁶	910	NC ⁶
ethanol	64-17-5	NS ⁸	NS ⁸	140	NS ⁸	42 000
ethephon (2-chloroethyl phosphonic acid)	16672-87-0	310	3 100	NC ⁶	180	NC ⁶

ethion	563-12-2	31	310	NC ⁶	18	NC ⁶
2-ethoxyethanol	110-80-5	24 000	100 000 ^Z	NC ⁶	15 000	NC ⁶
ethyl acetate	141-78-6	19 000	37 000 ⁹	NC ⁶	33 000	NC ⁶
ethyl acrylate	140-88-5	2.1	4.5	NC ⁶	14	NC ⁶
ethyl chloride	75-00-3	30	65	NC ⁶	46	NC ⁶
ethylene cyanohydrin	109-78-4	18 000	100 000 ^Z	NC ⁶	11 000	NC ⁶
ethylene diamine	107-15-3	1 200	12 000	NC ⁶	730	NC ⁶
ethylene glycol, monobutyl ether	111-76-2	31 000	100 000 ^Z	NC ⁶	18 000	NC ⁶
ethylene oxide	75-21-8	1.4	3.4	NC ⁶	0.66	NC ⁶
ethylene thiourea (ETU)	96-45-7	44	160	NC ⁶	6.1	NC ⁶
ethyl ether	60-29-7	1 800 ⁹	1 800 ⁹	NC ⁶	7 300	NC ⁶
ethyl methacrylate	97-63-2	140 ⁹	140 ⁹	NC ⁶	3 300	NC ⁶
ethyl p-nitrophenyl phenylphosphorothioate	2104-64-5	0.61	6.2	NC ⁶	0.37	NC ⁶
ethylphthalyl ethyl glycolate	84-72-0	100 000 ^Z	100 000 ^Z	NC ⁶	110 000	NC ⁶
ETU (ethylene thiourea)	96-45-7	44	160	NC ⁶	6.1	NC ⁶
express	101200-48-0	490	4 900	NC ⁶	290	NC ⁶
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fenamiphos	22224-92-6	15	150	NC ⁶	9.1	NC ⁶
fluometuron	2164-17-2	790	8 000	NC ⁶	470	NC ⁶
fluoridone	59756-60-4	4 900	49 000	NC ⁶	2 900	NC ⁶
flurprimidol	56425-91-3	1 200	12 000	NC ⁶	730	NC ⁶
flutolanil	66332-96-5	3 700	37 000	NC ⁶	2 200	NC ⁶
fluvalinate	69409-94-5	610	6 200	NC ⁶	3 700	NC ⁶
folpet	133-07-3	1 400	4 900	NC ⁶	190	NC ⁶
fomesafen	72178-02-0	26	91	NC ⁶	3.5	NC ⁶
fonofos	944-22-9	120	1 200	NC ⁶	73	NC ⁶
formaldehyde	50-00-0	9 200	100 000	5	5 500	100
formic acid	64-18-6	100 000 ^Z	100 000 ^Z	NC ⁶	73 000	NC ⁶
fosetyl-al	39148-24-8	100 000 ^Z	100 000 ^Z	NC ⁶	110 000	NC ⁶
freon 113	76-13-1	5 600 ⁹	5 600 ⁹	NC ⁶	59 000	NC ⁶
furazolidone	67-45-8	1.3	4.5	NC ⁶	0.18	NC ⁶
furfural	98-01-1	180	1 800	NC ⁶	110	NC ⁶
furium	531-82-8	0.097	0.34	NC ⁶	0.013	NC ⁶
furmecyclox	60568-05-0	160	570	NC ⁶	22	NC ⁶
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glufosinate-ammonium	77182-82-2	24	250	NC ⁶	15	NC ⁶
glycidaldehyde	765-34-4	24	250	NC ⁶	15	NC ⁶
glyphosate	1071-83-6	6 100	62 000	0.2	280	NC ⁶
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haloxyfop-methyl	69806-40-2	3.1	31	NC ⁶	1.8	NC ⁶
harmony	79277-27-3	790	8 000	NC ⁶	470	NC ⁶
HCFC-142b (1-chloro-1,1-difluoroethane)	75-68-3	340 ⁹	340 ⁹	NC ⁶	520 000	NC ⁶
HCH - (alpha) (hexachlorocyclohexane)	319-84-6	0.01 ¹²	3.6	NC ⁶	4	NC ⁶
HCH - (beta) (hexachlorocyclohexane)	319-85-7	0.01 ¹²	13	NC ⁶	4	NC ⁶
HCH - (gamma) (hexachlorocyclohexane) (lindane)	58-89-9	0.01 ¹²	17	NC ⁶	4	NC ⁶
heptachlor	76-44-8	1.1	3.8	NC ⁶	3	NC ⁶
heptachlor epoxide	1024-57-3	0.53	1.9	NC ⁶	3	NC ⁶
hexabromobenzene	87-82-1	120	1 200	NC ⁶	73	NC ⁶
hexachlorobutadiene, 1,3-	87-68-3	62	220	NC ⁶		NC ⁶
hexachlorocyclohexane (HCH - (alpha))	319-84-6	0.01 ¹²	3.6	NC ⁶	4	NC ⁶
hexachlorocyclohexane (HCH - (beta))	319-85-7	0.01 ¹²	13	NC ⁶	4	NC ⁶
hexachlorocyclohexane (HCH - (gamma)) (lindane)	58-89-9	0.01 ¹²	17	NC ⁶	4	NC ⁶
hexachlorocyclopentadiene	77-47-4	370	3 700	NC ⁶	220	NC ⁶
hexachloroethane	67-72-1	350	1 200	NC ⁶	48	NC ⁶
hexachlorophene	70-30-4	18	180	NC ⁶	11	NC ⁶
hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	44	160	NC ⁶	6.1	NC ⁶
1,6-hexamethylene diisocyanate	822-06-0	0.17	1.8	NC ⁶	0.1	NC ⁶
hexazinone	51235-04-2	2 000	20 000	NC ⁶	1 200	NC ⁶
HMX (octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	2691-41-0	3 100	31 000	NC ⁶	1 800	NC ⁶
hydrazine, hydrazine sulfate	302-01-2	1.6	5.7	NC ⁶	0.22	NC ⁶
hydrazine, monomethyl	60-34-4	1.6	5.7	NC ⁶	0.22	NC ⁶
hydrazine, dimethyl	57-14-7	1.6	5.7	NC ⁶	0.22	NC ⁶
hydrogen sulfide	7783-06-4	NS ⁸	NS ⁸	NC ⁶	110	NC ⁶
p-hydroquinone	123-31-9	2 400	25 000	NC ⁶	1 500	NC ⁶
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imazalil	35554-44-0	790	8 000	NC ⁶	470	NC ⁶
imazaquin	81335-37-7	15 000	100 000 ^Z	NC ⁶	9 100	NC ⁶
iprodione	36734-19-7	2 400	25 000	NC ⁶	1 500	NC ⁶
isobutanol	78-83-1	13 000	40 000 ⁹	NC ⁶	11 000	NC ⁶
isophorone	78-59-1	5 100	18 000	NC ⁶	710	NC ⁶
isopropalin	33820-53-0	920	9 200	NC ⁶	550	NC ⁶
isopropyl methyl phosphonic acid	1832-54-8	6 100	62 000	NC ⁶	3 700	NC ⁶

isoxaben	82558-50-7	3 100	31 000	NC ⁶	1 800	NC ⁶
kepone	143-50-0	0.61	2.2	NC ⁶	0.084	NC ⁶
lactofen	77501-63-4	120	1 200	NC ⁶	73	NC ⁶
lindane (HCH-gamma)	58-89-9	4.4	17	NC ⁶	4	NC ⁶
linuron	330-55-2	120	1 200	NC ⁶		NC ⁶
lithium	7439-93-2	1 600	20 000	NC ⁶		NC ⁶
londax	83055-99-6	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
malathion	121-75-5	1 200	12 000	NC ⁶	190	NC ⁶
maleic anhydride	108-31-6	6 100	62 000	NC ⁶	3 700	NC ⁶
maleic hydrazide	123-33-1	1 700	2 400 ⁹	NC ⁶	18 000	NC ⁶
malononitrile	109-77-3	1.2	12	NC ⁶	0.73	NC ⁶
mancozeb	8018-01-7	1 800	18 000	NC ⁶	1 100	NC ⁶
maneb	12427-38-2	81	290	NC ⁶	11	NC ⁶
manganese	7439-96-5	1 800		NC ⁶	50	NC ⁶
MCPA (2-methyl-4-chlorophenoxyacetic acid)	94-74-6	31	310	NC ⁶		NC ⁶
mephosfolan	950-10-7	5.5	55	NC ⁶	3.3	NC ⁶
mepiquat	24307-26-4	1 800	18 000	NC ⁶	1 100	NC ⁶
2-mercaptobenzothiazole	149-30-4	170	590	NC ⁶	23	NC ⁶
merphos	150-50-5	1.8	18	NC ⁶	1.1	NC ⁶
merphos oxide	78-48-8	1.8	18	NC ⁶	1.1	NC ⁶
metalaxyl	57837-19-1	3 700	37 000	NC ⁶	2 200	NC ⁶
methacrylonitrile	126-98-7	2.1	8.4	NC ⁶	3.7	NC ⁶
methamidophos	10265-92-6	3.1	31	NC ⁶	1.8	NC ⁶
methanol	67-56-1	31 000	100 000 ^Z	140	18 000	42 000
methidathion	950-37-8	61	620	NC ⁶	37	NC ⁶
methomyl	16752-77-5	44	150	NC ⁶	910	NC ⁶
methoxychlor	72-43-5	310	3 100	NC ⁶	900	NC ⁶
2-methoxyethanol	109-86-4	61	620	NC ⁶	37	NC ⁶
2-methoxyethanol acetate	110-49-6	120	1 200	NC ⁶	73	NC ⁶
2-methoxy-5-nitroaniline	99-59-2	110	370	NC ⁶	15	NC ⁶
methyl acetate	79-20-9	22 000	92 000	NC ⁶	37 000	NC ⁶
methyl acrylate	96-33-3	70	230	NC ⁶	1 100	NC ⁶
2-methylaniline (o-toluidine)	95-53-4	20	72	NC ⁶	2.8	NC ⁶
methyl bromide (bromomethane)	74-83-9	3.9	13	NC ⁶	51	NC ⁶
2-methyl-4-chlorophenoxyacetic acid	94-74-6	31	310	NC ⁶		NC ⁶

(MCPA)						
4-(2-methyl-4-chlorophenoxy) butyric acid	94-81-5	610	6 200	NC ⁶	370	NC ⁶
2-(2-methyl-4-chlorophenoxy) propionic acid	93-65-2	61	620	NC ⁶	37	NC ⁶
2-(2-methyl-1,4-chlorophenoxy) propionic acid	16484-77-8	61	620	NC ⁶	37	NC ⁶
2-methyl 4,6-dinitrophenol	543-52-1	0.1 ¹⁰ or 1 ¹¹	10	NC ⁶	NS ⁸	NC ⁶
4,4'-methylenebisbenzeneamine	101-77-9	19	69	NC ⁶	2.7	NC ⁶
4,4'-methylene bis (2-chloroaniline)	101-14-4	37	130	NC ⁶	5.2	NC ⁶
4,4'-methylene bis (n,n'-dimethyl)aniline	101-61-1	110	370	NC ⁶	15	NC ⁶
methylene bromide	74-95-3	67	230	NC ⁶	370	NC ⁶
4,4'-methylene diphenyl diisocyanate	101-68-8	10	100	NC ⁶	6.2	NC ⁶
methyl ethyl ketone	78-93-3	7 300	27 000	NC ⁶	22 000	65
methyl isobutyl ketone	108-10-1	790	2 800	NC ⁶	2 900	NC ⁶
methyl mercaptan	74-93-1	35	350	NC ⁶	21	NC ⁶
methyl methacrylate	80-62-6	2 200	2 700	NC ⁶	51 000	43
2-methyl-5-nitroaniline	99-55-8	150	520	NC ⁶	20	NC ⁶
methyl parathion	298-00-0	15	150	NC ⁶	9.1	NC ⁶
methyl phosphonic acid	993-13-5	1 200	12 000	NC ⁶	730	NC ⁶
methyl styrene (alpha)	98-83-9	680 ⁹	680 ⁹	NC ⁶	2 600	NC ⁶
methyl tertbutyl ether (MTBE)	1634-04-4	170	360	0.25	20	NC ⁶
metolachlor (dual)	51218-45-2	9 200	92 000	NC ⁶	50	NC ⁶
metribuzin	21087-64-9	1 500	15 000	NC ⁶	80	NC ⁶
mirex	2385-85-5	2.7	9.6	NC ⁶	37	NC ⁶
molinate	2212-67-1	120	1 200	NC ⁶	73	NC ⁶
MTBE (methyl tertbutyl ether)	1634-04-4	170	360	0.25	20	NC ⁶
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NaCl – salt (chloride ion)	7647-14-5	NS ⁸	NS ⁸	NC ⁶	250 000	NC ⁶
naled	300-76-5	120	1 200	NC ⁶	73	NC ⁶
napropamide	15299-99-7	6 100	62 000	NC ⁶	3 700	NC ⁶
nitrilotriacetic acid (NTA)	139-13-9	NS ⁸	NS ⁸	NC ⁶	400	NC ⁶
2-nitroaniline	88-74-4	1.7	18	NC ⁶	1.0	NC ⁶
nitrobenzene	98-95-3	20	100	NC ⁶	18	NC ⁶
nitrofurantoin	67-20-9	4 300	43 000	NC ⁶	2 600	NC ⁶
nitrofurazone	59-87-0	3.2	11	NC ⁶	0.45	NC ⁶
nitroglycerin	55-63-0	350	1 200	NC ⁶	48	NC ⁶
nitroguanidine	556-88-7	6 100	62 000	NC ⁶	3 700	NC ⁶
2-nitropropane	79-46-9	NS ⁸	NS ⁸	NC ⁶	0.072	NC ⁶

n-nitrosodi-n-butylamine	924-16-3	0.24	0.58	NC ⁶	0.12	NC ⁶
n-nitrosodiethanolamine	1116-54-7	1.7	6.2	NC ⁶	0.24	NC ⁶
n-nitrosodiethylamine	55-18-5	0.032	0.11	NC ⁶	0.0045	NC ⁶
n-nitrosodimethylamine	62-75-9	0.095	0.34	NC ⁶	0.013	NC ⁶
n-nitrosodiphenylamine	86-30-6	990	3 500	NC ⁶	140	NC ⁶
n-nitroso di-n-propylamine	621-64-7	0.69	2.5	NC ⁶	0.096	NC ⁶
n-nitroso-n-methylethylamine	10595-95-6	0.22	0.78	NC ⁶	0.031	NC ⁶
n-nitrosopyrrolidine	930-55-2	2.3	8.2	NC ⁶	0.32	NC ⁶
m-nitrotoluene	99-08-1	370	1 000 ⁹	NC ⁶	370	NC ⁶
o-nitrotoluene	99-08-1	370	1 000 ⁹	NC ⁶	370	NC ⁶
p-nitrotoluene	99-99-0	370	1 000 ⁹	NC ⁶	370	NC ⁶
p-nonylphenol	84852-15-3	NS ⁸	NS ⁸	NC ⁶	NS ⁸	NC ⁶
nonylphenol ethoxylate	127087-87-0	NS ⁸	NS ⁸	NC ⁶	NS ⁸	NC ⁶
norflurazon	27314-13-2	2 400	25 000	NC ⁶	1 500	NC ⁶
nuStar	85509-19-9	43	430	NC ⁶	26	NC ⁶
NTA (nitrilotriacetic acid)	139-13-9	NS ⁸	NS ⁸	NC ⁶	400	NC ⁶
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octabromodiphenyl ether	32536-52-0	180	1 800	NC ⁶	110	NC ⁶
octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)	2691-41-0	3 100	31 000	NC ⁶	1 800	NC ⁶
octamethylpyrophosphoramidate	152-16-9	120	1 200	NC ⁶	73	NC ⁶
oryzalin	19044-88-3	3 100	31 000	NC ⁶	1 800	NC ⁶
oxadiazon	19666-30-9	310	3 100	NC ⁶	180	NC ⁶
oxamyl	23135-22-0	1 500	15 000	NC ⁶	910	NC ⁶
oxyfluorfen	42874-03-3	180	1 800	NC ⁶	110	NC ⁶
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paclobutrazol	76738-62-0	790	8 000	NC ⁶	470	NC ⁶
paraquat	4685-14-7	270	2 800	NC ⁶	10	NC ⁶
parathion	56-38-2	370	3 700	NC ⁶	50	NC ⁶
PBBs (polybrominated biphenyls)	67774-32-7	0.55	1.9	NC ⁶	0.076	NC ⁶
PCTs (polychlorinated terphenyls)	61788-33-8	1.1	3.8	NC ⁶	0.15	NC ⁶
pebulate	1114-71-2	3 100	31 000	NC ⁶	1 800	NC ⁶
pendimethalin	40487-42-1	2 400	25 000	NC ⁶	1 500	NC ⁶
pentabromo-6-chlorocyclohexane	87-84-3	210	750	NC ⁶	29	NC ⁶
pentabromodiphenyl ether	32534-81-9	120	1 200	NC ⁶	73	NC ⁶
pentachloronitrobenzene	82-68-8	19	16	NC ⁶	26	NC ⁶
perchlorate	7601-90-3	7.8	100	NC ⁶	3.7	NC ⁶
permethrin	52645-53-1	3 100	31 000	NC ⁶	1 800	NC ⁶
phenmedipham	13684-63-4	15 000	100 000 ^Z	NC ⁶	9 100	NC ⁶

phenol	108-95-2	37 000	100 000 ^Z	NC ⁶	22 000	NC ⁶
phenols (nonchlorinated-total)	64743-03-9	NS ⁸	NS ⁸	NC ⁶		NC ⁶
phenothiazine	92-84-2	120	1 200	NC ⁶	73	NC ⁶
m-phenylenediamine	108-45-2	370	3 700	NC ⁶	220	NC ⁶
p-phenylenediamine	106-50-3	12 000	100 000 ^Z	NC ⁶	6 900	NC ⁶
phenylmercuric acetate	62-38-4	4.9	490	NC ⁶	2.9	NC ⁶
2-phenylphenol	90-43-7	2 500	8 900	NC ⁶	350	NC ⁶
phorate	298-02-2	12	120	NC ⁶	2	NC ⁶
phosmet	732-11-6	1 200	12 000	NC ⁶	730	NC ⁶
phosphine	7803-51-2	18	180	NC ⁶	11	NC ⁶
p-phthalic acid	100-21-0	61 000	100 000 ^Z	NC ⁶	37 000	NC ⁶
phthalic anhydride	85-44-9	100 000 ^Z	100 000 ^Z	NC ⁶	73 000	NC ⁶
picloram	1918-02-1	4 300	43 000	NC ⁶	190	NC ⁶
pirimiphos-methyl	29232-93-7	610	6 200	NC ⁶	370	NC ⁶
polybrominated biphenyls (PBBs)	67774-32-7	0.55	1.9	NC ⁶	0.076	NC ⁶
polychlorinated terphenyls (PCTs)	61788-33-8	1.1	3.8	NC ⁶	0.15	NC ⁶
prochloraz	67747-09-5	32	110	NC ⁶	4.5	NC ⁶
profluralin	26399-36-0	370	3 700	NC ⁶	220	NC ⁶
prometon	1610-18-0	920	9 200	NC ⁶	550	NC ⁶
prometryn	7287-19-6	240	2 500	NC ⁶	150	NC ⁶
pronamide	23950-58-5	4 600	46 000	NC ⁶	2 700	NC ⁶
propachlor	1918-16-7	790	8 000	NC ⁶	470	NC ⁶
propanil	709-98-8	310	3 100	NC ⁶	180	NC ⁶
propargite	2312-35-8	1 200	12 000	NC ⁶	730	NC ⁶
propargyl alcohol	107-19-7	120	1 200	NC ⁶	73	NC ⁶
propazine	139-40-2	1 200	12 000	NC ⁶	730	NC ⁶
propham	122-42-9	1 200	12 000	NC ⁶	730	NC ⁶
propiconazole	60207-90-1	790	8 000	NC ⁶	470	NC ⁶
propyl acetate	109-60-4	NS ⁸	NS ⁸	5.0	NS ⁸	500
propyl alcohol	71-23-8	NS ⁸	NS ⁸	140	NS ⁸	42 000
propylene glycol	57-55-6	30 000	100 000 ^Z	NC ⁶		NC ⁶
propylene glycol, monoethyl ether	52125-53-8	43 000	100 000 ^Z	NC ⁶	26 000	NC ⁶
propylene glycol, monomethyl ether	107-98-2	43 000	100 000 ^Z	NC ⁶	26 000	NC ⁶
propylene oxide	75-56-9	19	66	NC ⁶	2.8	NC ⁶
pursuit	81335-77-5	15 000	100 000 ^Z	NC ⁶	9 100	NC ⁶
pydrin	51630-58-1	1 500	15 000	NC ⁶	910	NC ⁶
pyridine	110-86-1	61	620	NC ⁶	37	NC ⁶

quinalphos	13593-03-8	31	310	NC ⁶	18	NC ⁶
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RDX (cyclonite)	121-82-4	44	160	NC ⁶	6.1	NC ⁶
resmethrin	10453-86-8	1 800	18 000	NC ⁶	1 100	NC ⁶
ronnel	299-84-3	3 100	31 000	NC ⁶	1 800	NC ⁶
rotenone	83-79-4	240	2 500	NC ⁶	150	NC ⁶
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savey	78587-05-0	1 500	15 000	NC ⁶	910	NC ⁶
selenious acid	7783-00-8	310	3 100	NC ⁶	180	NC ⁶
selenourea	630-10-4	310	3 100	NC ⁶	180	NC ⁶
sethoxydim	74051-80-2	5 500	55 000	NC ⁶	3 300	NC ⁶
s-ethyl dipropylthiocarbamate (EPTC)	759-94-4	1 500	15 000	NC ⁶	910	NC ⁶
simazine	122-34-9	41	140	NC ⁶	10	NC ⁶
sodium diethyldithiocarbamate	148-18-5	18	64	NC ⁶	2.5	NC ⁶
sodium fluoroacetate	62-74-8	1.2	12	NC ⁶	0.73	NC ⁶
sodium ion	7440-23-5	NS ⁸	NS ⁸	NC ⁶	NS ⁸	NC ⁶
sodium metavanadate	13718-26-8	61	620	NC ⁶	37	NC ⁶
strontium, stable	7440-24-6	47 000	100 000 ^Z	NC ⁶	22 000	NC ⁶
strychnine	57-24-9	18	180	NC ⁶	11	NC ⁶
1,1'-sulfonyl bis (4 - dichlorobenzene)	80-07-9	78	1 000	NC ⁶	37	NC ⁶
sythane	88671-89-0	1 500	15 000	NC ⁶	910	NC ⁶
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2,4,5-T (2,4,5-trichlorophenoxyacetic acid)	93-76-5	610	6 200	NC ⁶	20	NC ⁶
talstar (biphenrin)	82657-04-3	920	9 200	NC ⁶	550	NC ⁶
TBTO (tributyltin oxide)	56-35-9	18	180	NC ⁶	11	NC ⁶
tebuthiuron	34014-18-1	4 300	43 000	NC ⁶		NC ⁶
temephos	3383-96-8	1 200	12 000	NC ⁶	280	NC ⁶
terbacil	5902-51-2	790	8 000	NC ⁶	470	NC ⁶
terbufos	13071-79-9	1.5	15	NC ⁶	1	NC ⁶
terbutryn	886-50-0	61	620	NC ⁶	37	NC ⁶
1,2,4,5-tetrachlorobenzene	95-94-3	0.05 ¹⁰ or 2 ¹¹	10	NC ⁶	11	NC ⁶
1,1,1,2-tetrachloroethane	630-20-6	32	73	NC ⁶	26	NC ⁶
1,1,2,2-tetrachloroethane	79-34-5	4.1	9.3	NC ⁶	3.4	NC ⁶
p,a,a,a-tetrachlorotoluene	5216-25-1	0.24	0.86	NC ⁶	0.034	NC ⁶
tetrachlorovinphos	961-11-5	200	720	NC ⁶	28	NC ⁶
tetraethyldithiopyrophosphate	3689-24-5	31	310	NC ⁶	18	NC ⁶
tetrahydrofuran	109-99-9	94	210	NC ⁶	88	NC ⁶
thiobencarb	28249-77-6	610	6 200	NC ⁶	370	NC ⁶

thiocyanate	302-04-5	3 100	100 000 ^Z	NC ⁶	1 800	NC ⁶
thiofanox	39196-18-4	18	180	NC ⁶	11	NC ⁶
thiophanate-methyl	23564-05-8	4 900	49 000	NC ⁶	2 900	NC ⁶
thiram	137-26-8	310	3 100	NC ⁶	180	NC ⁶
tin	7440-31-5	5 ¹⁰ or 50 ¹¹	300	NC ⁶	22 000	NC ⁶
TMAN (trimellitic anhydride)	552-30-7	8.6	86	NC ⁶	5.1	NC ⁶
toluene-2,4-diamine	95-80-7	1.5	5.4	NC ⁶	0.21	NC ⁶
toluene-2,5-diamine	95-70-5	37 000	100 000 ^Z	NC ⁶	22 000	NC ⁶
toluene-2,6-diamine	823-40-5	12 000	100 000 ^Z	NC ⁶	7 300	NC ⁶
o-toluidine(2-methylaniline)	95-53-4	20	72	NC ⁶	2.8	NC ⁶
p-toluidine	106-49-0	26	91	NC ⁶	3.5	NC ⁶
toxaphene	8001-35-2	4.4	16	NC ⁶		NC ⁶
2-2,4,5-TPP 2-(2,4,5-trichlorophenoxy) propionic acid	93-72-1	490	4 900	NC ⁶	290	NC ⁶
tralomethrin	66841-25-6	460	4 600	NC ⁶	270	NC ⁶
triallate	2303-17-5	790	8 000	NC ⁶	230	NC ⁶
triasulfuron	82097-50-5	610	6 200	NC ⁶	370	NC ⁶
1,2,4-tribromobenzene	615-54-3	310	3 100	NC ⁶	180	NC ⁶
tribromomethane (bromoform)	75-25-2	620	2 200	NC ⁶		NC ⁶
tributyltin	688-73-3	NS ⁸	NS ⁸	NC ⁶		NC ⁶
tributyltin oxide (TBTO)	56-35-9	18	180	NC ⁶	11	NC ⁶
2,4,6-trichloroaniline	634-93-5	140	510	NC ⁶	20	NC ⁶
trichlorobenzene 1,2,3-	87-61-6	0.05 ¹⁰ or 2 ¹¹	10	NC ⁶	NS ⁸	NC ⁶
1,1,1-trichloroethane	71-55-6	0.1 ¹⁰ or 5 ¹¹	50	0.3	10 000	4
1,1,2-trichloroethane	79-00-5			NC ⁶	12	NC ⁶
trichlorofluoromethane	75-69-4	390	2 000	NC ⁶	11 000	NC ⁶
2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	93-76-5	610	6 200	NC ⁶	20	NC ⁶
2-(2,4,5-trichloro phenoxy) propionic acid (2-2,4,5-TPP)	93-72-1	490	4 900	NC ⁶	290	NC ⁶
1,1,2-trichloropropane	598-77-6	15	51	NC ⁶	180	NC ⁶
1,2,3-trichloropropane	96-18-4	0.05	0.11	NC ⁶	0.34	NC ⁶
1,2,3-trichloropropene	96-19-5	12	38	NC ⁶	180	NC ⁶
tricyclohexyltin	13121-70-5	NS ⁸	NS ⁸	NC ⁶		NC ⁶
tridiphane	58138-08-2	180	1 800	NC ⁶	110	NC ⁶
triethylamine	121-44-8	23	86	NC ⁶	73	NC ⁶
triethyltin	997-50-2	NS ⁸	NS ⁸	NC ⁶		NC ⁶
trifluralin	1582-09-8	630	2 200	NC ⁶	45	NC ⁶
trimellitic anhydride (TMAN)	552-30-7	8.6	86	NC ⁶	5.1	NC ⁶
trimethyl phosphate	512-56-1	130	470	NC ⁶	18	NC ⁶

1,3,5-trinitrobenzene	99-35-4	1 800	18 000	NC ⁶	1 100	NC ⁶
trinitrophenylmethylnitramine	479-45-8	610	6 200	NC ⁶	370	NC ⁶
2,4,6-trinitrotoluene	118-96-7	160	570	NC ⁶	22	NC ⁶
triphenylphosphine oxide	791-28-6	310	3 100	NC ⁶	180	NC ⁶
triphenyltin	892-20-6	NS ⁸	NS ⁸	NC ⁶		NC ⁶
tris(2-chloroethyl) phosphate	115-96-8	1 500	5 400	NC ⁶	210	NC ⁶
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uranium	7440-61-0	16	200	NC ⁶		NC ⁶
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vernarn	1929-77-7	61	620	NC ⁶	37	NC ⁶
vinclozolin	50471-44-8	1 500	15 000	NC ⁶	910	NC ⁶
vinyl acetate	108-05-4	430	1 400	NC ⁶	37 000	NC ⁶
vinyl bromide (bromoethene)	593-60-2	1.9	4.2	NC ⁶	6.1	NC ⁶
vinyl chloride	75-01-4	0.79	7.5	0.08	2	NC ⁶
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warfarin	81-81-2	18	180	NC ⁶	11	NC ⁶
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zinc phosphide	1314-84-7	23	310	NC ⁶	11	NC ⁶
zineb	12122-67-7	3 100	31 000	NC ⁶	1 800	NC ⁶

Footnotes

1 All values in µg/g unless otherwise stated. Substances must be analyzed using methods specified in a director's protocol or alternate methods acceptable to a director.

2 Soil must be remediated to either the applicable land use soil standard or to the Practical Quantification Limit (PQL) for the substance.

3 All values in µg/L unless otherwise stated. Substances must be analyzed using methods specified in a director's protocol or alternate methods acceptable to a director.

4 Water must be remediated to either the applicable water use standard or to the Practical Quantification Limit (PQL) for the substance.

5 Soil and water standards of this schedule are specific to human health only. It is the responsibility of the responsible person for the site to ensure that use of the soil or water standards or the Practical Quantification Limits (PQLs) of this schedule do not constitute a significant risk or hazard to ecological health.

6 NC: Not calculated. No Practical Quantification Limit (PQL) has been calculated for the substance. A PQL for the substance may be calculated using methods specified in a director's protocol.

7 Standard is based on US EPA Region 9 ceiling limit for the substance in soil or water.

8 NS: No standard. No appropriate standard, guideline or criterion exists to use to develop a soil or water standard for the substance. Site must be remediated to the applicable Practical Quantification Limit (PQL) for the substance in soil or water.

9 Standard is based on US EPA Region 9 saturation limit for the substance in soil or water.

10 Standard is specific to Agricultural land use.

11 Standard is specific to Residential and Urban Parkland land uses.

12 Standard is specific to Agricultural land use. No standard is available for Residential or Urban Parkland land use as no appropriate standard, guideline or criterion exists to use to develop a Residential or Urban Parkland soil standard for the substance. Residential and Urban Parkland sites must be remediated to the Practical Quantification Limit (PQL) for the substance in soil.

Note: this regulation replaces B.C. Reg. 269/95.

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