Ministry of Environment and Parks

PROTOCOL 12
FOR CONTAMINATED SITES

Site Risk Classification

Version 7

Prepared pursuant to Section 64 of the
Environmental Management Act

Approved:

April 13, 2026

Director of Waste Management

Date

Revision history

Approved Date	Effective Date	Document Version	Notes
December 4, 2009	June 1, 2010	1.0	
March 12, 2013	April 1, 2013	2.0	
February 1, 2021	February 1, 2021	3.0	Summary of changes: • Revised reporting requirements for high risk sites • Modified triggers to align with the CSR Stage 13 amendments
May 13, 2021	May 13, 2021	4	Amended to reflect application of the *Professional Governance Act*
February 1, 2023	February 1, 2023	5.0	Revised definition of qualified professional to align with the intent of the *Professional Governance Act*
March 20, 2023	March 1, 2023	6.0	Revised to align with the Stage 14 amendments
April 13, 2026	January 15, 2027	7.0	Revised to clarify requirements for classifying and reclassifying sites, incorporated UCC's from Protocol 11

1.0 Definitions

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

"affected site" means a site at which substances are present due to the migration of those substances from one or more neighbouring areas.

"aquatic habitat" means habitat used by aquatic life.

"aquatic life" means any living component of the freshwater, estuarine or marine aquatic ecosystem, including phytoplankton, zooplankton, benthos, macrophytes and fish.

"complete exposure pathway" means an exposure pathway for which the following five elements are all present:

(a) a source of contamination;
(b) an environmental medium and transport mechanism for the contamination, such as movement through groundwater;
(c) a point of exposure for the contamination, such as a private well;
(d) a route of exposure to a receptor, such as drinking, and
(e) the presence of a receptor to be exposed.

"confirmation of remediation of high risk conditions report" means a report describing sampling and analysis carried out after remediation and/or risk management of high risk conditions including:

(a) graphical representation of mobile NAPL, showing monitoring results over time to demonstrate plume stability; and
(b) a description of investigation and confirmatory sampling locations and methods used, including figures at appropriate scale and cross-sections that show before and after upper cap concentration locations; and
(c) a summary and evaluation of results of field observations and analyses of samples compared to upper cap concentrations, in a format that is suitably tabulated and presented to demonstrate that high risk conditions are either no longer present or are risk-managed.

"contaminated sites service application" means an application for a service to be provided by the ministry listed in Schedule 3, Tables 2 and 3 of the CSR.

"detailed site condition report" [DSCR] is a report that summarizes available current and historic information relevant to the site and which must include, as applicable:

(a) the environmental setting of the site, including information on site geology, hydrogeology, and surface waters;
(b) baseline reference data for environmental media at the site (soil, sediment, water, and vapour); and
(c) information on any contamination on the site and any historical land uses associated with contamination.

"exposure pathway" means the pathway through an environmental medium by which a contaminant is conveyed to a receptor.

"Exposure Pathway Questionnaire" [EPQ] means the questionnaire which is part of a site risk classification report, and which is used to evaluate exposure pathways in conjunction with the risk classification of a site.

"exposure zone" means the zone in which a receptor can come into direct contact with contaminants in the absence of measures to prevent exposure.

"high risk site" means a site determined to be a high risk site under this Director's Protocol 12.

"high risk site condition" means the criteria defined in Section 4.0 of this Director's Protocol 12.

"high water mark" means:

(a) for freshwater; the visible high water mark of a stream where the presence and action of the water is so common and usual, and typically enduring, as to mark on the soil of the bed of the stream a character distinct from that of its banks, in vegetation, as well as in the nature of the soil itself, and includes the active floodplain associated with a site;

(b) for marine water: the high water mark as defined by the most elevated High Water Mean Tide by Fisheries and Oceans Canada and as mapped on Canadian Hydrographic Services navigational charts; and

(c) for estuarine water: the high water mark is whichever of the freshwater or marine water high water mark is further inland.

"independent remediation" [IR] means remediation procedures carried out in accordance with section 54 of EMA and the CSR.

"**intrinsic control**" means an inherent feature at a site or parcel which without the use of engineering or institutional controls, controls risks to human health and the environment from exposure to substances and includes, without limitation:

(a) a natural physical barrier, and

(b) an inherent feature which modifies (i) the physical, chemical or biological behaviour or properties of a substance, or (ii) the environmental media in which a substance is contained.

"migration" includes the movement of:

(a) environmental media, and

(b) substances contained in, or emanating from, environmental media due to the influence of natural forces but does not include the relocation of environmental media or substances by a person.

"migrating NAPL" means a nonaqueous phase liquid that is spreading or expanding laterally or vertically.

"mobile NAPL" means nonaqueous phase liquid that can move in geologic media and that meets the requirements defined in Director's Protocol 16.

"nonaqueous phase liquid" [NAPL] means a liquid that exists as a separate, immiscible phase when in contact with water.

"non-high risk site" means a site which (a) does not meet the criteria defined in Section 4.0 of this Director's Protocol for high risk conditions, or (b) was previously classified as a high risk site where all high risk conditions are no longer present.

"Notification of Initiation of Independent Remediation" [NIR initiation] means a notification to a Director on the initiation of independent remediation in accordance with section 54 (2) (a) of the Act.

"Notification of Likely or Actual Migration" [NOM] means a notification under sections 57 and 60.1 of the CSR to a Director and to the owner of neighbouring parcels which have been or likely have been contaminated by the migration of substances from a source parcel to the neighbouring parcels.

"parcel" means an area of land the subject of:

(a) a fee simple interest;
(b) a lease or similar form of tenure respecting real property;
(c) a licence of occupation under the *Land Act*;
(d) rights granted to occupy land under the *Forest Act* and Forest Practices Code*;*
(e) an interest in real property which deals with subsurface rights including a tenure under the *Geothermal Resources Act,* the *Mineral Tenure Act,* and the *Petroleum and Natural Gas Act;*
(f) a description by metes and bounds.

"potential terrestrial habitat" means any part of a contaminated area (the source parcel or the off-site affected parcel(s)) that satisfies any of the following criteria:

(a) the agriculture, wildlands, or urban park land use classification applies; or
(b) contains over 50 m^2 (where residential land use applies at the site) or over 1,000 m^2 (where commercial or industrial land use applies at the site) of undeveloped land; or
(c) lies within 300 m of sensitive habitat where residential, commercial or industrial land use applies at the site.

"qualified professional", in relation to a duty or function under this protocol, means an individual who:

(a) is registered in British Columbia with a professional organization, acts under that organization's code of ethics and is subject to disciplinary action by that organization; and
(b) through suitable education, experience, accreditation and knowledge may reasonably be relied on to provide advice within the individual's area of expertise, which area of expertise is applicable to the duty or function.

"receptor" means a living organism that may be exposed to a substance.

"risk control" means an institutional control, intrinsic control, engineering control or monitoring which exists or is implemented to mitigate, eliminate or observe risks from the exposure of receptors to contaminants.

"risk-managed high risk site" [RMHR] means a high risk site where high risk conditions are addressed through risk management.

"sensitive habitat" includes**:**

(a) national, provincial, regional and municipal parks;
(b) sensitive ecosystems identified by Federal, Provincial Sensitive Ecosystem Inventories, or local governments;
(c) habitat supporting red and blue listed species identified via BC Species and Ecosystem Explorer;
(d) habitat used for sensitive sediment use as defined in the Regulation; and
(e) riparian assessment areas as defined in the Riparian Areas Protection Regulation.

"site risk classification" means the categorization of a site based on the risks it poses to human health and the environment pursuant to this Director's Protocol 12.

"Site Risk Classification Report" [SRCR] means a report providing information about the risk classification of a site, the form and content of which are specified by the Director.

"soil surface" means the upper surface of the soil layer below open air or constructed surface covers other than buildings.

"source parcel" means a parcel which has or has had substances which migrated to one or more neighbouring areas.

"undeveloped land" means any bare or vegetated soil, excluding actively maintained

(a) gravelled walkways,
(b) roadways or highways and associated roadside or highway margins,
(c) parking areas,
(d) planters and similar structures which contain and isolate soil,
(e) storage areas at active commercial and industrial operations, and
(f) railways and associated rail beds.

"upper cap concentration" [UCC] means a concentration established by the Director for a substance with a numerical standard in the CSR and which, when present in the exposure zone of soil, water, sediment or vapour, poses a high risk to environmental or human health.

2.0 Introduction

Sites that are high risk require high standards of care and responsiveness in investigation and remediation. Appropriate and timely action must be taken to address high risk conditions to protect human health and the environment.

This protocol is made under the authority of EMA sections 64 (1)(d) and 64 (2)(i) and is consistent with EMA and the CSR. It sets the upper cap concentrations (UCC) for substances with numerical standards in the CSR, which, when present in the exposure zone of soil, water, sediment or vapour, could pose high risks to human health or the environment.

It also establishes procedural requirements for:

1. Classifying sites based on the presence of mobile NAPL and/or an evaluation of risk to human health and the environment.
2. Planning, conducting or reporting on remediation of high risk and risk-managed high risk contaminated sites.

Site risk classifications under this protocol apply to toxicological risks associated with substances listed in the CSR. Risks of flammability, explosivity, corrosivity or other safety hazards are not addressed.

Site risk classification requirements should not be confused with the requirements for conducting detailed risk assessment under Protocol 1, Detailed Risk Assessment.

3.0 Site information needs

Site risk classification requires simple, objective measurements for characterizing primary contributors to environmental and human health risk such as contaminant toxicity, exposure pathways and receptors. As such, sites can be classified based on limited site data.

The level of information necessary to determine the site risk classification will vary from site to site depending on the nature and extent of contamination, site geology, hydrogeology and site proximity to receptors. In general, information needed for site risk classification may be obtained at any stage of the investigation and remediation process.

Site risk classification must be supported by site information obtained in accordance with ministry protocols, guidance and standard professional practice.

4.0 Site risk classification

Site risk classification is based on current land, water, vapour and sediment use, except where a change in land use is proposed and there is an active application for a:

1. certificate of compliance; or
2. a notice that the Director has received a remediation plan supporting independent remediation of the site for the purpose of obtaining approval of an application for subdivision, zoning, development or building permits under the Local Government Act, Land Title Act, Islands Trust Act or Vancouver Charter (commonly known as a Scenario 3 release under the Site Identification process).

Risk classification for sites in these cases must be based on the proposed land use.

4.1 High risk site conditions

A site exhibits high risk site conditions if:

1. mobile NAPL is present; and/or
2. exposure to UCCs of contaminants is likely

The potential for either of these conditions to occur must be evaluated as described in the following Sections 4.1.1 and 4.1.2. Sites where one or more high risk site conditions are present are *high risk sites.*

4.1.1 Mobile NAPL is present

A site is classified as high risk if mobile NAPL is present at the site. Mobile NAPL is determined using Protocol 16, “Determining the Presence and Mobility of Nonaqueous Phase Liquids and Odorous Substances.”

4.1.2 Exposure to upper cap concentrations of contaminants is likely

If human or ecological receptors are exposed to UCC contamination there may be negative effects on the receptor.

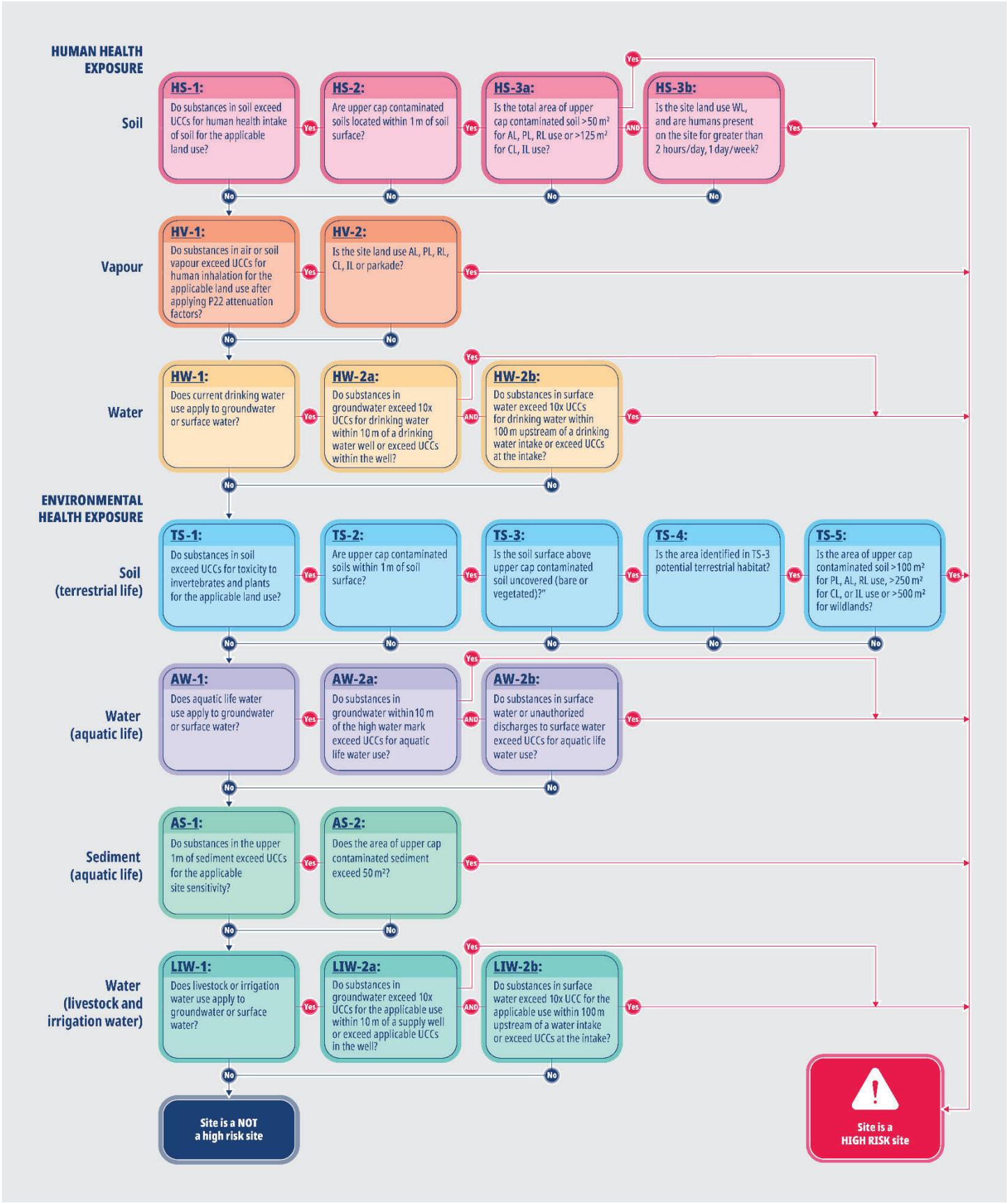
A site is classified as high risk if:

a) UCCs are exceeded in soil, groundwater, surface water, sediment and/or vapour, and
b) one or more complete exposure pathway(s) are identified.

UCCs are provided in Appendix 1. If UCCs are exceeded at a site in any media, a simple assessment for seven exposure pathways relating to human health and the environment must be completed using the Exposure Pathway Questionnaire (EPQ). If there are no UCC exceedances, the EPQ does not need to be completed.

All seven exposure pathways must be evaluated unless a particular media is not present at the site or investigation of that media is not warranted. Details about why an exposure pathway is not evaluated must be provided in the EPQ. Each exposure pathway in the EPQ consists of a series of risk criteria questions that are evaluated in a stepwise fashion (i.e., question chain). The risk criteria vary by exposure pathway, but generally relate to contaminant concentrations, areal extent, and separation distance to the exposure zone/receptor. Questions should be answered in the sequence indicated in the EPQ. Some questions may also require the provision of supporting rationale as described in Section 5.2.6. Figure 1, Evaluation of Exposure to Upper Cap Concentrations of Substances summarizes the EPQ evaluation process.

Figure 1. Evaluation of Exposure to Upper Cap Concentrations of Substances



A “no” response to any question within an exposure pathway series indicates that a contaminant, pathway or receptor is not present. For pathways HV, TS and AS, if a “no” response is provided to a given question within a series, then the remaining questions in that series need not be answered and the site is not high risk for that exposure pathway. For pathways HS, HW, AW and LIW, for questions that have an (a) and (b) component, you must evaluate both components. If a “no” response is provided to both components, the site is not high risk for that exposure pathway.

A “yes” response to any question indicates the potential presence of a contaminant, pathway, or receptor. For pathways HV, TS and AS, “yes” responses to all questions within an exposure pathway series indicates the exposure pathway is complete and the site is high risk for that exposure pathway. For pathways HS, HW, AW and LIW, for questions that have an (a) and (b) component, a “yes” response to either or both components indicates the exposure pathway is complete and the site is high risk for that exposure pathway.

5.0 Site Risk Classification Reporting

Certain situations trigger a requirement to submit site risk classification information to the Director. The following sections describe the notification triggers, reporting requirements and timing for submission of site risk classification information.

The format of the Site Risk Classification Report and EPQ are provided by the Director through the Site Remediations Services Web App and must be used to complete the reporting requirements in this protocol.

If the available site information is not sufficient to determine if high risk conditions are present, the site risk classification is considered “pending”. Section 5.4 describes reporting requirements in this case.

5.1 Notification triggers and submission timing

Table 1 prescribes the notification triggers and timing for submission of site risk classification information.

Table 1. Notification triggers and timing for submission of site risk classification information

Column I	Column II	Column III	Column IV
Item	**Notification Trigger**	**Timing for Submission of Site Risk Classification Information**	**Persons with the Duty to Submit Site Risk Classification Information**
1	Submission of a NIR initiation to a Director	At the time the NIR initiation is submitted, except as outlined in Section 5.2.1	The person with the duty to submit the associated NIR initiation
2	Submission of a site investigation report ordered by a Director or required by section 6.2(2)(b) of the CSR	At the time the site investigation report is submitted	The person ordered by a Director or required by the CSR or to submit the associated site investigation report
3	Investigations required under section 6.3 of the CSR (for decommissioning of a site or ceasing operations)	One year from the time the site disclosure statement is submitted	The person with the duty to submit the associated site disclosure statement

4	Submission of a NOM to a Director	At the time the NOM is submitted, except as outlined in Section 5.2.1	The person with the duty to submit the associated NOM
5	Protocol 6 or direct to ministry application for a contaminated sites service in CSR Schedule 3, Table 2	At the time the application for a contaminated sites service is submitted	The applicant for the associated contaminated sites service

5.2 Reporting requirements by notification trigger

Table 2 sets out reporting requirements by notification trigger listed in Table 1. The Site Risk Classification Report and any supporting information will be returned for revision if the Director determines the information provided is incomplete or incorrect. The revised reporting requirements must be resubmitted to the Director.

Table 2. Reporting requirements by notification trigger

Column I	Column II	Column III	Column IV
Item	**Notification Trigger at source parcel**	**Non-high Risk Site Reporting Requirements**	**High Risk Site Reporting Requirements**
1	Submission of a NIR Initiation	Site Risk Classification Report EPQ, if UCC present Supplementary information (see section 5.2.6)	Contaminated Sites Services Application form Site Risk Classification Report EPQ, if UCC present DSCR Plan and schedule for remediation of high risk conditions Supplementary information (see section 5.2.6)
2	Submission of a site investigation report ordered by a Director or required by section 6.2(2)(b) of the CSR		
3	Investigations required under section 6.3 of the CSR (for decommissioning of a site or ceasing operations)		
4	Submission of a NOM to a Director		
5	Protocol 6 or direct to ministry application for a contaminated sites service in CSR Schedule 3, Table 2		

5.2.1 For notification triggers 1 and 4 in Table 2, the high risk site reporting requirements for a DSCR and plan and schedule for remediation of high risk conditions must be submitted to the Director within 90 days of the notification trigger.

5.2.2 The Director may set conditions and timelines differing from those set out above as appropriate and warranted by site conditions and circumstances.

5.2.3 If the migration or likely migration of substances from a source parcel results in actual or potential high risk conditions at a neighbouring site (as identified on a Site Risk Classification Report submitted for any of the triggers listed in Table 1), separate site risk classification information for each affected site must be submitted to the Director in accordance with Table 1 and Table 2, Column IV for the applicable trigger.

5.2.4 For high risk sites, the Director may require submission of interim reports, along with a Contaminated Sites Services Application form. The form and schedule for interim reporting will be determined by the

Director based on individual site conditions and circumstances.

5.2.5 Unless otherwise indicated, reporting requirements other than interim reports must be provided at the time of submission for the notification triggers listed in Table 1, Column II.

5.2.6 Table 3 sets out supplementary reporting requirements, depending on the site condition present.

Table 3. Supplementary Reporting requirements by site condition

Site Condition	Supplementary Reporting Requirement
NAPL is present	Figure showing the location and extent of NAPL at the site to confirm if NAPL is or is not mobile
UCC are present	**For all media** • Cross-sections showing sample locations exceeding UCC • Figure showing areal extent of contamination exceeding UCC for each exposure pathway **Groundwater, as applicable** • Where UCC are exceeded for the Aquatic Life (AW) pathway, the figure must include the high water mark • Where UCC are exceeded for Drinking Water (DW), rationale must be provided to demonstrate that DW use does not apply, including for example BC Water Atlas search results, groundwater elevation and flow direction, or other information. **Sediment, as applicable** • Rationale to support typical or sensitive sediment use, for example habitat assessments and evaluation of species at risk.

5.3 Reporting required by a Director

The Director may require submission of a Site Risk Classification Report when credible evidence, including laboratory results, visual indicators or other information indicates there is potential for high risk conditions at the site. In this case, the reporting requirements are as listed in Table 2, Column III and IV.

5.4 Reporting for sites pending classification

For sites without enough information to classify site risk, the person with the duty to submit site risk classification information as listed in Table 1, Column IV, must submit a:

- statement from a qualified professional confirming there is not enough information to complete a Site Risk Classification Report and EPQ, if applicable.
- schedule for timely completion of site investigations or collection of other site information needed to classify site risk. The schedule must also include submission of an updated Site Risk Classification Report and other reporting requirements outlined in Table 2, once the necessary site information is collected.

The statement and schedule must be submitted to the Director for approval at the time specified for the

notification trigger in Table 1.

5.5 Reporting for part site remediation

When a Notification of Initiation of Independent Remediation has been submitted for part of a site, a Site Risk Classification Report must be completed for the part of the site under remediation. In Section 10 of the Site Risk Classification Report, identify all parts of the site where high risk conditions are known to be present. The following information must also be provided:

- figure showing the site boundary in relation to that part of the site under remediation; and
- schedule for remediating all remaining high risk parts of the site, or rationale for why remediation of all remaining high risk parts is not feasible or possible.

5.6 Reporting exemptions

5.6.1 Duplicate site risk classification information — simultaneous triggers

If two or more notification triggers apply at the same time, the submission of duplicate information specified in Table 2 is not required. Only one of each item specified must be submitted.

5.6.2 Applications for contaminated sites services listed in Table 1, Trigger 5

A person is not required to submit the site risk classification information specified in Table 2 if they apply to the Director for a:

- Determination under section 44 of EMA that a site is not contaminated, or
- notice stating that an investigation of the site is not required under section 40.1(2) or (41) of EMA for the purpose of obtaining approval of an application for subdivision, zoning, development or building permits under the Local Government Act, Land Title Act, Islands Trust Act or Vancouver Charter (commonly known as a Scenario 1 release under the Site Identification process), or
- request a meeting or consultation.

5.6.3 Soil quantity

A person undertaking independent remediation is not required to submit the site risk classification information specified in Table 2 if the quantity of soil to be remediated does not exceed 5m^3.

5.6.4 Residential heating oil storage tank

A person is not required to submit the site risk classification information specified in Table 2 if they are undertaking independent remediation at a site and meet all the criteria below:

(a) the land use at the site is residential;
(b) a heating oil storage tank with a volume less than or equal to 2,500 litres has been or will be removed;
(c) contamination is limited solely to petroleum hydrocarbons from residential heating oil; and
(d) the person has no duty to submit a Notification of Likely or Actual Migration associated with the independent remediation of contamination at the site under subsection 57(1) of the CSR.

5.6.5 Spill reporting

Section 57(2) of the CSR provides an exemption from the duty to submit a Notification of Initiation of Independent Remediation arising from an emergency response to a spill. As such, a person is not required to submit site risk classification information if they are undertaking independent remediation of a spill and that spill is reported under the Spill Reporting Regulation (SRR). In addition, a person is not required to submit site risk classification information specified in Item 1 of Table 2 if they are undertaking independent remediation of a spill that is not reportable under the SRR. A Site Risk Classification Report for a spill is required if any of the other triggers listed in Table 1 occur.

5.6.6 Sites with mobile NAPL present

A person is not required to submit the site risk classification information specified in Table 2, Column 4 if the concentration of a substance meets the definition of mobile NAPL under Protocol 16, but that substance concentration does not exceed the numerical standard listed in CSR Schedule 3.2.

5.6.7 Sites with background concentrations

A person is not required to submit the site risk classification information specified in Table 2 if UCC are exceeded for substances in soil, surface or ground water, sediment or vapour, if those substances are naturally occurring and a local background concentration has been determined following procedures described in Protocol 4, "Establishing Background Concentrations in Soil", Protocol 9, "Establishing Background Concentrations in Water" or if a preapproval has been issued under Protocol 6, "Applications with Approved Professional Recommendations and Preapprovals" for sediment or vapour.

5.6.8 Sites regulated under the Energy Resources Activity Act

The BC Energy Regulator is responsible for regulating energy resource activities in B.C. As such, the reporting requirements in Table 1 and 2 do not apply to sites where energy resource activities are occurring if contamination originated from an operating area as defined in the *Energy Resources Activities Act*.

6.0 Site risk reclassification

Sites classified as high risk must be reclassified by a responsible person when it can be demonstrated that high risk conditions are remediated or risk-managed, meaning:

- mobile NAPL is not migrating according to Protocol 16," Determining the Presence and Mobility of Nonaqueous Phase Liquids and Odorous Substances"; and/or
- exposure to UCC is not likely.

Reclassification only applies to high risk conditions. It is not necessary to remediate all contamination at the site prior to reclassification.

A high risk site can be reclassified to a:

- non-high risk site, if mobile NAPL is not migrating or high risk conditions relating to UCCs are remediated (whether or not the site continues to be contaminated) without using risk controls or if risk controls are limited to intrinsic controls.

- Risk-managed high risk site, where the site continues to be contaminated and high risk conditions relating to UCC are managed using risk controls. Sites can also be reclassified from a risk-managed high risk site to a non-high risk site when risk controls are no longer needed to manage exposure to UCC.

Reclassification applications must be submitted to the Director and include the following documents signed by an Approved Professional:

- A Site Risk Classification Report confirming remediation or management of high risk conditions;
- An EPQ, as required
- A Confirmation of Remediation of High Risk Conditions Report and/or a detailed risk assessment, as appropriate; and
- For sites classified as a risk managed high risk site, a performance verification plan.

Additional information may be required by the Director to reach a decision on reclassification.

For a site where remediation is being carried out in parts, a responsible person may obtain a reclassification for parts of their site where high risk conditions have been remediated. However, they will not be eligible for a reclassification of the entire site until all site contamination has been properly investigated and classified and all high risk site conditions have been remediated to satisfy the requirements of this protocol.

6.1 Risk assessment for reclassification

To reclassify a high risk site as non-high risk or risk-managed high risk, a detailed risk assessment or Confirmation of Remediation of High Risk Conditions Report must be submitted to the Director, as applicable. The detailed risk assessment for the area of high risk conditions must be completed in accordance with Protocol 1, Detailed Risk Assessment. The detailed risk assessment must demonstrate that no unacceptable risks are present for all substances with the potential to cause adverse effects on human health or the environment, including cumulative exposure from contaminants that do not exceed UCC. For the purposes of this protocol, delineation of contamination can be limited to the area of UCC. The Director may exercise discretion in determining the appropriate area of extent for the DRA.

It must be shown that the site (or part of a site) is unlikely to be re-contaminated in a way that would result in high risk conditions.

Appendix 1

Upper Cap Concentration Tables

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

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	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
naphthalene	91-20-3	15 000	15 000	8 500	15 000	8 500	15 000	50 000	> 1 000 mg/g

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

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)**
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 substances[1]

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 substances[1]

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 substances[1]

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
xylenes, 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 substances[1]

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 substances[1]

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[2]	COLUMN 3 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	
perfluorooctane sulfonate [PFOS]	1763-23-1	

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

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[2]	COLUMN 3 Agricultural (AL)
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	
xylenes, 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-doxin (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 substances[1]

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)
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
amitraz	33089-61-1	800	800	400	800	400	800	6 000	6 000

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
avermectin 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
benzotrichloride	98-07-7	10	10	5.5	10	5.5	10	25	25
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
cacodylic 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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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	5000	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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
maneb	12427-38-2	1 500	1 500	800	1 500	800	1 500	10 000	10 000
mecoprop [MCPP]	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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
octamethylpyrophosphoramide [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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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					

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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
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
thallum	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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
thiophenol	108-98-5	300	300	150	300	150	300	2 500	2 500
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 substances[1]

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
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

Table 4. Human health intake of contaminated soil, upper cap concentrations for Schedule 3.1, Part 2 substances[1]

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)
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 substances[1]

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)
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								
amitraz	33089-61-1								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
avermectin 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
benzoic acid	65-85-0								
benzotrichloride	98-07-7								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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								
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								
bromophos	2104-96-3								
bromoxynil	1689-84-5								
butadiene, 1,3-	106-99-0								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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
carbosulfan	55285-14-8								
carboxin	5234-68-4								
chloramben	133-90-4								
chloranil	118-75-2								
chlordane (cis + trans)	5103-71-9								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
	& 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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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, 2,4-	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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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	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					
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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								
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								
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

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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	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								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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								
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								
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								
octamethylpyrophosphoramide [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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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								
oxamyl	23135-22-0								
oxyfluorfen	42874-03-3								
paclobutrazol	76738-62-0								
paraquat (as dichloride)	1910-42-5								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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, m- [MPD]	108-45-2								
phenylenediamine, o- [OPD]	95-54-5								
phenylenediamine, p- [PPD]	106-50-3								
phenylphenol, 2-	90-43-7								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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 glycol monomethyl ether	107-98-2								
propylene oxide	75-56-9								
propyzamide	23950-58-5								
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					

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
TCMTB	21564-17-0								
tebuthiuron	34014-18-1								
temephos	3383-96-8								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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)
thiophanate- methyl	23564-05-8								
thiophenol	108-98-5								
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								

Table 5. Ecological health soil invertebrate and plants exposure upper cap concentrations for Schedule 3.1, Part 3 substances[1]

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, 2,3,4-	15950-66-0	3	5	0.5	5	5	50	50	50
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 substances[1]

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(2,3-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 substances[1]**

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
amitraz	33089-61-1				10

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
benfluralin	1861-40-1				1 000
benomyl	17804-35-2				200

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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 substances[1]**

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[2]	COLUMN 3 Aquatic Life[3] (AW)	COLUMN 4 Irrigation[3] (IW)	COLUMN 5 Livestock[3] (LW)	COLUMN 6 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
chlorimuron, ethyl-	90982-32-4				80
chlorine (Cl_2)	7782-50-5	200[5], 300[6]	1 000		

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
chlorobenzotrichloride, 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
chlorpyrifos	2921-88-2	0.2		24	90
chlorpyrifos-methyl	5598-13-0				40
chlorsulfuron	64902-72-3				200

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
cyclohexene	110-83-8				20
cyclohexylamine	108-91-8				800
cyfluthrin	68359-37-5				100
cyhalothrin	68085-85-8				20

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
nitrilotriacetic acid [NTA]	139-13-9				400
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 substances[1]**

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
octamethylpyrophosphoramide [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
pentaerythritol tetranitrate [PETN]	78-11-5				8

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
prometon	1610-18-0				60
prometryn	7287-19-6				15

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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]			

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
		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, un-ionized (as H_2S)	7783-06-4	200			50
sulfolane[23]	126-33-0	5 000 000	8 400	14 000	90
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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			

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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]	

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
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
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

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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)
vernolate	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
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.

3(e). Upper cap concentrations for irrigation water apply to irrigation of all soil types, unless otherwise indicated.

Table 6A Water upper cap concentrations for Schedule 3.2 substances[1]

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 ^{O}C is assumed.
11. Upper cap concentration varies with pH, temperature and salinity. 10 ^{O}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 $CaCO_3$.
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.

Table 6A Water upper cap concentrations for Schedule 3.2 substances[1]

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

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.

Table 6A **Water upper cap concentrations for Schedule 3.2 substances[1]**

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.

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 E11, 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 Isomers[1]**

			pH							
COLUMN 1	**COLUMN 2**	**COLUMN 3**	**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
	dichlorophenol, 2,6-	87-65-0	300	495	825	1365	2250	3750	6150	10200

Table 6B **Aquatic Life Water upper cap concentrations for Chlorophenol Isomers[1]**

			pH							
COLUMN 1	**COLUMN 2**	**COLUMN 3**	**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, 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
	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

Table 6B **Aquatic Life Water upper cap concentrations for Chlorophenol Isomers[1]**

			pH							
COLUMN 1	**COLUMN 2**	**COLUMN 3**	**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	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
	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

Table 6B Aquatic Life Water upper cap concentrations for Chlorophenol Isomers[1]

			pH							
COLUMN 1	**COLUMN 2**	**COLUMN 3**	**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**
	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.

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
carbon tetrachloride	56-23-5	15	50	1 500	150

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**
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
dibromo-3-chloropropane, 1,2-	96-12-8	10	10	200	15
dibromobenzene, 1,4-	106-37-6	200	600	40 000	1 500

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances[1,2]

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[3]	COLUMN 3 Agricultural, Urban Park, Residential Use Standard	COLUMN 4 Commercial Use Standard	COLUMN 5 Industrial Use Standard	COLUMN 6 Parkade Use Standard
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
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

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**
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
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

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances[1,2]

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[3]	COLUMN 3 Agricultural, Urban Park, Residential Use Standard	COLUMN 4 Commercial Use Standard	COLUMN 5 Industrial Use Standard	COLUMN 6 Parkade Use Standard
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
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

Table 7. Human health vapour exposure upper cap concentrations for Schedule 3.3 substances[1,2]

COLUMN 1 Substance	COLUMN 2 Chemical Abstract Service # (CAS)[3]	COLUMN 3 Agricultural, Urban Park, Residential Use Standard	COLUMN 4 Commercial Use Standard	COLUMN 5 Industrial Use Standard	COLUMN 6 Parkade Use Standard
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 $\mu g/m^3$ 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.
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 substances[1]

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	Chemical Abstract Service # (CAS)[2]	Freshwater Sediment[3] Standard for Sensitive Use	Freshwater Sediment[3] Standard for Typical Use	Marine and Estuarine Sediment[4] Standard for Sensitive Use	Marine and Estuarine Sediment[4] 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
chlordane (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
lead	7439-927-1	570	1 100	690	1 300

Table 8. Environmental health aquatic life sediment exposure upper cap concentrations for Schedule 3.4 substances[1]

COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5	COLUMN 6
Substance	**Chemical Abstract Service # (CAS)[2]**	**Freshwater Sediment[3] Standard for Sensitive Use**	**Freshwater Sediment[3] Standard for Typical Use**	**Marine and Estuarine Sediment[4] Standard for Sensitive Use**	**Marine and Estuarine Sediment[4] Standard for Typical Use**
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,
   chrysene,
   dibenz(a,h)anthracene,
   fluoranthene,

Table 8. Environmental health aquatic life sediment exposure upper cap concentrations for Schedule 3.4 substances[1]

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.