

Environment Protection (Water Quality) Policy 2003—29.10.2009

Schedule 2—Water quality criteria

POLLUTANTS (Clause 13(1)(a))	Protected environmental values									
	Aquatic ecosystem		Potable	Recreation & aesthetics			Agriculture/aquaculture			Industrial
	fresh	marine		primary contact	secondary contact	aesthetics	irrigation	livestock	aquaculture	
selenium (total)	0.005	0.07	0.01				0.02	0.02		
silver (total)	0.0001	0.001	0.1							
thallium (total)	0.004	0.02								
uranium (total)			0.02				0.01	0.2		
vanadium (total)							0.1	0.1		
zinc (total)	0.05	0.05					2	20	0.005	
Inorganic pollutants:										
ammonia (total as nitrogen)	0.5	0.2								
ammonia (NH ₃ as nitrogen)	0.01	0.05								
Biochemical Oxygen Demand (5-day test)	10	10								
chlorine (total)	0.003	0.0075								
colour (Hazen units)	30	15								
cyanide (total)			0.08							
iodide			0.1							
fluoride			1.5				1	2		
nitrate (as nitrogen)			10					30		
nitrite (as nitrogen)			1					10		
oxidised nitrogen (as nitrogen)	0.5	0.2								

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phosphorus (total as phosphorus)	0.5	0.5								
phosphorus (soluble as phosphorus)	0.1	0.1								
salinity (percentage variation)	10									
sulfate			500					1000		
sulfide	0.002	0.002								
suspended sediment	20	10								
total nitrogen (as nitrogen)	5	5								
total organic carbon	15	10								
turbidity (Nephelometric Turbidity units (NTU))	20	10	5	20						
Organic pollutants:										
<u>Chlorinated phenols</u>										
monochlorophenol	0.007		0.0001							
2,4-dichlorophenol	0.0002		0.0003							
trichlorophenol (total)	0.018		0.002							
2,4,5-trichlorophenol		0.008	0.002							
tetrachlorophenol	0.001									

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oil and grease	10	10				10				
pentachlorophenol	0.00005	0.0002	0.00001							
<u>Chlorobenzenes</u>										
1,2-dichlorobenzene	0.0025		1.5							
1,3-dichlorobenzene	0.0025									
1,4-dichlorobenzene	0.004		0.04							
monochlorobenzene	0.015									
trichlorobenzenes (total)			0.03							
1,2,3-trichlorobenzene	0.0009									
1,2,4-trichlorobenzene	0.0005									
1,3,5-trichlorobenzene	0.0007									
1,2,3,4-tetrachlorobenzene	0.0001									
1,2,3,5-tetrachlorobenzene	0.0001									
1,2,4,5-tetrachlorobenzene	0.0002									
pentachlorobenzene	0.00003									
hexachlorobenzene	0.000007									

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<u>Organotins</u>										
tributyltins	0.00008	0.00002	0.001							
<u>Plasticisers</u>										
di(2-ethylhexyl) phthalate			0.01							
<u>Other organic pollutants</u>										
acrylamide			0.0002							
benzene	0.3	0.3	0.001						0.04	
carbon tetrachloride			0.003							
1,2-dichloroethane			0.003							
1,1-dichloroethene			0.03							
1,2-dichloroethene			0.06							
dichloromethane			0.004							
epichlorohydrin			0.0005							
ethylbenzene			0.3							
ethylenediamine tetraacetic acid			0.25							
hexachlorobutadiene			0.0007							
nitrilotriacetic acid			0.2							

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pesticides	0	0	0							
polyaromatic hydrocarbons (PAHs)	0.003	0.003	0.00001							
phenol	0.05	0.05								
polychlorinated biphenyls (PCBs)	0.000001	0.000004							0.0005	
styrene			0.03							
2,3,7,8 tetra-chlorodibenzodioxin (2378 TCDD)	0	0	0							
tetrachloroethene			0.04							
toluene	0.3		0.8							
vinyl chloride			0.0003							
xylene			0.6							
Microbiological pollutants (organisms per 100 millilitres):										
faecal coliforms or <i>E.coli</i>			0	150	1000		1000	1000	0	
Enterococci				33						

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CHARACTERISTICS (Clause 13(1)(b))										
oxygen (dissolved)	>6	>6								
pH (pH units)	between 6.5–9		between 6.5–8.5				between 4.5–9			
Note—										
* Soluble means fully dissolved or filterable through a 0.1 micron filter.										
* Zero means that the pollutant must not be detectable when measured by a method approved by the Authority.										

Table 2—Criteria for particular bodies of water

Environment Protection (Water Quality) Policy 2003—29.10.2009Schedule 3—Discharge limits

Schedule 3—Discharge limits

(Clause 16)

Schedule 4—Listed pollutants

(Clauses 17 and 19)

Part 1

Agricultural chemicals
Airconditioning or cooling system wastewater
Brick, bitumen or concrete cutting wastewater
Building construction or demolition waste
Building washwater
Carpet or upholstery cleaning waste
Chemicals designed for human or animal therapeutic use
Cleaning agents
Concrete waste
Condensate from compressors
Detergents and their byproducts
Engine coolant
Fire sprinkler test water
Fuel dispensing area washwater
Hard waste (eg vehicles, tyres, batteries, metal parts, piping)
High pressure water blasting waste
Motor vehicle servicing or repairs waste
Oil, grease or lubricants
Paint and paint scrapings
Painting washwater
Paint stripping waste
Petroleum products
Photographic chemicals
Plaster, plaster waste and plaster wastewater
Pool backwash water
Pool chemicals
Putrescible waste (eg food scraps, dead animals)

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Listed pollutants—Schedule 4

Roof cleaning waste
Rubbish (eg cans, bottles, plastic items or materials)
Sawdust
Sewage (other than sewage lawfully discharged from a vessel in accordance with clause 36 of this policy)
Solvents
Stain or varnish
Steam cleaning waste
Street cleaning waste
Timber preservatives
Washdown water from cleaning animals or animal enclosures
Washdown water from cleaning vehicles, plant or equipment
Washdown water from commercial or industrial premises or wharves
Waste from grease traps
Wastes listed in Part B of Schedule 1 of the Act

Part 2

Animal faeces
Fertilisers
Green waste (eg lawn clippings, leaves, prunings)
Soil, clay, gravel or sand

Schedule 5—Listed pollutants

(Clause 18)

Oil or petroleum products
Paint or paint products
Sewage
Timber preservatives
Wastes listed in Part B of Schedule 1 of the Act

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Legislative history

Legislative history**Notes**

- Please note—References in the legislation to other legislation or instruments or to titles of bodies or offices are not automatically updated as part of the program for the revision and publication of legislation and therefore may be obsolete.
- Earlier versions of this policy (historical versions) are listed at the end of the legislative history.
- For further information relating to the Act and subordinate legislation made under the Act see the Index of South Australian Statutes or www.legislation.sa.gov.au.

Legislation revoked by principal policy

The *Environment Protection (Water Quality) Policy 2003* revoked the following:

Environment Protection (Marine) Policy 1994

Environment Protection (Milking Shed Effluent Management) Policy 1997

Environment Protection (Vessels on Inland Waters) Policy 1998

Principal policy and amendments

New entries appear in bold.

Notice	Provision under which notice is made	Publication of policy in Gazette	Commencement
Gazette 10.4.2003 p1669	s 28	—	1.10.2003
Gazette 25.11.2004 p4405	s 32	—	25.11.2004
Gazette 3.11.2005 p3867	Act 21/2005	—	3.11.2005: cl 2
Gazette 10.7.2008 p3317	s 32	—	10.7.2008: cl 2
Gazette 25.6.2009 p2988	s 32	—	25.6.2009: cl 2
Gazette 29.10.2009 p4980	s 32	—	29.10.2009: cl 2

Provisions amended

New entries appear in bold.

Entries that relate to provisions that have been deleted appear in italics.

Provision	How varied	Commencement
<i>cl 2</i>	<i>omitted under Legislation Revision and Publication Act 2002</i>	<i>25.11.2004</i>
<i>cl 5</i>	<i>omitted under Legislation Revision and Publication Act 2002</i>	<i>3.11.2005</i>
cl 22		
cl 22(3)	amended by 3.11.2005 p3867 cl 8	3.11.2005

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cl 22A	inserted by 25.11.2004 p4405 cl 4	25.11.2004
cl 28		
cl 28(4)	amended by 3.11.2005 p3867 cl 9	3.11.2005
cl 32		
cl 32(5)	amended by 3.11.2005 p3867 cl 10	3.11.2005
<i>cl 33 before deletion by 29.10.2009 p4980</i>		
cl 33(7)	<i>amended by 3.11.2005 p3867 cl 11</i>	<i>3.11.2005</i>
cl 33	deleted by 29.10.2009 p4980 cl 4	29.10.2009
cl 34		
cl 34(a1)	inserted by 29.10.2009 p4980 cl 5(1)	29.10.2009
cl 34(1)	amended by 29.10.2009 p4980 cl 5(2)	29.10.2009
cl 34(3)—(5)	substituted by 29.10.2009 p4980 cl 5(3)	29.10.2009
cl 34(6)	amended by 3.11.2005 p3867 cl 12	3.11.2005
	amended by 29.10.2009 p4980 cl 5(4)	29.10.2009
<i>cl 36 before substitution by 10.7.2008 p3317</i>		
cl 36(7)	<i>amended by 3.11.2005 p3867 cl 13</i>	<i>3.11.2005</i>
cl 36	substituted by 10.7.2008 p3317 cl 4	10.7.2008
cl 36(1)		
category A vessel	deleted by 25.6.2009 p2988 cl 4(1)	25.6.2009
category B vessel	deleted by 25.6.2009 p2988 cl 4(1)	25.6.2009
commercial vessel	deleted by 25.6.2009 p2988 cl 4(1)	25.6.2009
concentrated grey water	deleted by 25.6.2009 p2988 cl 4(2)	25.6.2009
marina	substituted by 25.6.2009 p2988 cl 4(3)	25.6.2009
vessel facility	inserted by 25.6.2009 p2988 cl 4(4)	25.6.2009
cl 36(2)	deleted by 25.6.2009 p2988 cl 4(5)	25.6.2009
cl 36(4)	varied by 25.6.2009 p2988 cl 4(6), (7)	25.6.2009
cl 36(5)	substituted by 25.6.2009 p2988 cl 4(8)	25.6.2009
cl 36(7) and (8)	substituted by 25.6.2009 p2988 cl 4(9)	25.6.2009
cl 36(9)—(11)	deleted by 25.6.2009 p2988 cl 4(9)	25.6.2009
cl 37		
cl 37(4)	varied by 25.6.2009 p2988 cl 5	25.6.2009
cl 42	amended by 3.11.2005 p3867 cl 14	3.11.2005
Sch 4		
Pt 1	varied by 25.6.2009 p2988 cl 6	25.6.2009

Historical versions

25.11.2004
3.11.2005
10.7.2008
25.6.2009

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Legislative history
