



Queensland

*Environmental Protection Act 1994*

# **Environmental Protection (Water) Policy 1997**

**Reprinted as in force on 1 May 2006**

**Reprint No. 2C**

**This reprint is prepared by  
the Office of the Queensland Parliamentary Counsel  
Warning—This reprint is not an authorised copy**

# Information about this reprint

This policy is reprinted as at 1 May 2006. The reprint shows the law as amended by all amendments that commenced on or before that day (Reprints Act 1992 s 5(c)).

The reprint includes a reference to the law by which each amendment was made—see list of legislation and list of annotations in endnotes. Also see list of legislation for any uncommenced amendments.

This page is specific to this reprint. See previous reprints for information about earlier changes made under the Reprints Act 1992. A table of reprints is included in the endnotes.

**Also see endnotes for information about—**

- **when provisions commenced**
- **editorial changes made in earlier reprints.**

## **Dates shown on reprints**

**Reprints dated at last amendment** All reprints produced on or after 1 July 2002, hard copy and electronic, are dated as at the last date of amendment. Previously reprints were dated as at the date of publication. If a hard copy reprint is dated earlier than an electronic version published before 1 July 2002, it means the legislation was not further amended and the reprint date is the commencement of the last amendment.

If the date of a hard copy reprint is the same as the date shown for an electronic version previously published, it merely means that the electronic version was published before the hard copy version. Also, any revised edition of the previously published electronic version will have the same date as that version.

**Replacement reprint date** If the date of a hard copy reprint is the same as the date shown on another hard copy reprint it means that one is the replacement of the other.



Queensland

# Environmental Protection (Water) Policy 1997

## Contents

---

		Page
<b>Part 1</b>	<b>Preliminary</b>	
1	Short title . . . . .	5
2	Commencement . . . . .	5
3	Definitions . . . . .	5
<b>Part 2</b>	<b>Application and purpose of policy</b>	
4	Application of policy . . . . .	5
5	Purpose of policy . . . . .	6
6	How purpose of policy is to be achieved . . . . .	6
<b>Part 3</b>	<b>Basic concepts</b>	
7	Environmental values to be enhanced or protected . . . . .	6
8	Indicators for environmental values . . . . .	7
9	Water quality guidelines for indicators for environmental values . . . . .	8
10	Protocols . . . . .	8
<b>Part 4</b>	<b>Management goals for waters</b>	
11	Water quality objectives . . . . .	9
12	Identifying environmental values etc. for waters . . . . .	10
13	When environmental values are protected . . . . .	11
<b>Part 5</b>	<b>Management of activities</b>	
<b>Division 1</b>	<b>Preliminary</b>	
14	How administering authority may require certain action . . . . .	11
<b>Division 2</b>	<b>Waste management evaluation</b>	
15	Waste management evaluation procedure . . . . .	12
<b>Division 3</b>	<b>Environmental management decisions</b>	
16	Waste water recycling . . . . .	12
17	Waste water releases on land . . . . .	13
18	Waste water releases to surface water . . . . .	13

---

19	Stormwater management . . . . .	14
20	Direct waste water release to ground waters . . . . .	16
21	Incidental waste water release to ground waters . . . . .	17
22	Construction of artificial wetlands for waste water treatment . . . . .	17
23	Use of natural biological controls in treatment of waste water . . . . .	18
24	Acid sulphate soils . . . . .	19
25	Waste reception facilities for ships . . . . .	19
<b>Division 4</b>	<b>Monitoring</b>	
26	Monitoring particular releases . . . . .	20
27	Impact monitoring . . . . .	22
<b>Part 6</b>	<b>Management of certain sources of contamination</b>	
28	Release of certain substances from ships into non-coastal waters . . . . .	23
29	Release of sewage from ships into non-coastal waters . . . . .	24
30	Disposal of rubbish from ships into non-coastal waters . . . . .	24
31	Prohibition on deposit or release of certain things . . . . .	25
32	Prohibition on build-up of sediment . . . . .	26
33	On-site domestic waste water treatment systems . . . . .	27
<b>Part 7</b>	<b>Environmental plans</b>	
<b>Division 1</b>	<b>Preliminary</b>	
34	Priorities and timetable for environmental plans . . . . .	28
35	Purpose of policy to be considered . . . . .	28
36	Time for development and implementation of environmental plans . . . . .	29
37	Review of environmental plans . . . . .	29
38	Compliance with part . . . . .	29
39	Reporting . . . . .	29
<b>Division 2</b>	<b>Local government environmental plans</b>	
40	Sewage management . . . . .	30
41	Trade waste management . . . . .	31
42	Urban stormwater quality management . . . . .	31
43	Water conservation . . . . .	32
<b>Division 3</b>	<b>Other environmental plans</b>	
44	Environmental water provisions . . . . .	33
45	Protection of ground waters . . . . .	34

<b>Part 8</b>	<b>Miscellaneous</b>	
<b>Division 1</b>	<b>Functions of chief executive</b>	
46	Education and information .....	34
47	Ambient monitoring .....	35
<b>Division 2</b>	<b>Miscellaneous</b>	
48	Amendment of certain provisions of policy. ....	36
48A	Operation of sch 1 .....	37
<b>Part 9</b>	<b>Assessment of policy performance</b>	
49	Review of policy .....	37
<b>Schedule 1</b>	<b>Environmental values and water quality objectives for waters</b> .....	40
<b>Schedule 2</b>	<b>Dictionary</b> .....	48
 <b>Endnotes</b>		
1	Index to endnotes. ....	55
2	Date to which amendments incorporated. ....	55
3	Key .....	55
4	Table of reprints .....	56
5	List of legislation. ....	56
6	List of annotations .....	57



# **Environmental Protection (Water) Policy 1997**

[as amended by all amendments that commenced on or before 1 May 2006]

## **Part 1 Preliminary**

### **1 Short title**

This policy may be cited as the *Environmental Protection (Water) Policy 1997*.

### **2 Commencement**

Section 32<sup>1</sup> commences on 1 January 1998.

### **3 Definitions**

The dictionary in schedule 2 defines particular words used in this policy.

## **Part 2 Application and purpose of policy**

### **4 Application of policy**

This policy applies to all Queensland waters.

---

<sup>1</sup> Section 32 (Prohibition on build-up of sediment)

## 5 Purpose of policy

The purpose of this policy is to achieve the object of the Act in relation to Queensland waters.<sup>2</sup>

## 6 How purpose of policy is to be achieved

The purpose of this policy is to be achieved by providing a framework for—

- (a) identifying environmental values for Queensland waters; and
- (b) deciding and stating water quality guidelines and objectives to enhance or protect the environmental values; and
- (c) making consistent and equitable decisions about Queensland waters that promote efficient use of resources and best practice environmental management; and
- (d) involving the community through consultation and education, and promoting community responsibility.

# Part 3 Basic concepts

## 7 Environmental values to be enhanced or protected

- (1) The *environmental values* of waters to be enhanced or protected under this policy are—
  - (a) for a water in schedule 1, column 1—the environmental values stated in the document opposite the water in schedule 1, column 2; or
  - (b) for another water—the qualities in subsection (2).

---

<sup>2</sup> Under section 3 of the Act, the object of the Act is to protect Queensland's environment while allowing for development that improves the total quality of life, both now and in the future, in a way that maintains the ecological processes on which life depends (*ecologically sustainable development*).



- (2) The qualities are—
  - (a) if the water—
    - (i) is a pristine water—biological integrity of a pristine aquatic ecosystem; or
    - (ii) is not a pristine water—biological integrity of a modified aquatic ecosystem; and
  - (b) suitability for recreational use; and
  - (c) suitability for minimal treatment before supply as drinking water;<sup>3</sup> and
  - (d) suitability for agricultural use; and
  - (e) suitability for industrial use.
- (3) However, if a natural property of the water precludes enhancement or protection of a particular environmental value, subsection (1)(b) does not apply to the value.
- (4) For subsection (1)(a), a document is taken to state environmental values for a water if it states 1 or more values (however described) that are equivalent to a quality or qualities in subsection (2).

## **8 Indicators for environmental values**

- (1) An *indicator* for an environmental value is a property that is able to be measured or decided in a quantitative way.

*Examples—*

The concentration of chromium, pH value and Secchi disc clarity are commonly used indicators.

- (2) The following documents are used to decide the indicators for an environmental value for a water—
  - (a) site specific documents;

---

<sup>3</sup> For drinking water guidelines that apply to water after it has been treated or is to be used for drinking—see the guidelines produced by the Department of Health or the Australian Drinking Water Guidelines published jointly by the National Health and Medical Research Council, ANZECC and ARMCANZ.

- (b) the AWQ guidelines;
- (c) documents published by a recognised entity.

## 9 **Water quality guidelines for indicators for environmental values**

- (1) *Water quality guidelines* are numerical concentration levels or statements for indicators that protect a stated environmental value.
- (2) The following documents are used to decide the water quality guidelines for an environmental value for a water—
  - (a) site specific documents;
  - (b) the AWQ guidelines;
  - (c) documents published by a recognised entity.
- (3) To the extent of any inconsistency between the documents for a particular water quality guideline, the documents are to be used in the order in which they are listed in subsection (2).

## 10 **Protocols**

- (1) A *protocol* is a procedure to be followed in—
  - (a) making tests and measurements; or
  - (b) taking samples; or
  - (c) preserving and storing samples; or
  - (d) performing analyses on samples; or
  - (e) performing statistical analyses of the results of sample analyses and interpreting the results.
- (2) For this policy, the following documents are used to decide protocols—
  - (a) the Water Quality Sampling Manual, 2nd edition, February 1995 published by the department;<sup>4</sup>
  - (b) the AWQ guidelines;

---

<sup>4</sup> A copy of the manual may be purchased at the department's central office at 160 Ann Street, Brisbane.



**12 Identifying environmental values etc. for waters**

- (1) The chief executive may develop a plan to decide priorities for identifying environmental values and water quality objectives for waters not mentioned in schedule 1.
- (2) In deciding the priority in which waters will be assessed, the chief executive must consider—
  - (a) the views of the chief executive (water resources) and chief executive (fisheries); and
  - (b) the views of the community; and
  - (c) the demonstrated, or potential, adverse environmental impacts on waters from industrial or urban development or agriculture.
- (3) The chief executive, in cooperation with the chief executive (water resources) and chief executive (fisheries), may decide the following for a water—
  - (a) the environmental values to be protected in the water;
  - (b) the water quality objectives for the water;
  - (c) ways to improve the quality of the water.
- (4) The chief executive may decide the matters in subsection (3) for a particular water only if—
  - (a) there has been appropriate consultation with the community; and
  - (b) there has been consideration of the economic and social impacts of protecting environmental values in the water.
- (5) In addition, the chief executive may decide water quality objectives for a water that provide a lower level of protection of the environmental values for the water than the water quality guidelines mentioned in section 11(2)<sup>5</sup> only if—
  - (a) the adoption of the water quality guidelines would involve economic or social impacts that are unacceptable to the community; and
  - (b) the water quality objectives are an improvement on existing water quality.

---

5 Section 11 (Water quality objectives)

- (6) After deciding the matters in subsection (3) for a particular water, the chief executive may develop a document about the matters for the water for inclusion in schedule 1.

### **13 When environmental values are protected**

For this policy, the environmental values for a water are protected if the measures for all indicators do not exceed the water quality guidelines stated for the indicators.

## **Part 5 Management of activities**

### **Division 1 Preliminary**

#### **14 How administering authority may require certain action**

If, under this part, an administering authority is authorised to require a relevant person to take certain action, the administering authority may require the person to take the action by—

- (a) for an environmental management decision about an environmental authority—imposing a condition on the authority; or
- (b) for an environmental management decision about a development approval—imposing a development condition on the approval; or
- (c) for an environmental management decision about an environmental management program—imposing a condition on the approval of the program; or
- (d) for an environmental management decision about an environmental protection order—including the requirement in the order.

## **Division 2                      Waste management evaluation**

### **15            Waste management evaluation procedure**

- (1) This section applies if an administering authority is making an environmental management decision about an activity that may affect a water.
- (2) The administering authority must consider using the following waste management evaluation procedure—
  - (a) **step 1**—evaluate waste prevention options and require the relevant person to implement appropriate waste prevention;
  - (b) **step 2**—if waste prevention does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water recycling options and require the relevant person to implement appropriate treatment and recycling;
  - (c) **step 3**—if waste water treatment and waste water recycling does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water disposal options of release on land, release to sewer and release to a surface water and require the relevant person to implement appropriate treatment and disposal;
  - (d) **step 4**—if waste water treatment and waste water disposal does not, or is not likely to, eliminate all waste water, evaluate waste water treatment and waste water disposal to ground water and require the relevant person to implement appropriate treatment and disposal.

## **Division 3                      Environmental management decisions**

### **16            Waste water recycling**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving waste water recycling.
- (2) The administering authority must consider—

- (a) the water quality objectives for waters affected by the recycling; and
- (b) the maintenance of acceptable health risks.

## **17 Waste water releases on land**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the release of waste water on land.
- (2) The administering authority must consider the following—
  - (a) the existing quality of waters that may be affected by the release and the water quality objectives for the waters;
  - (b) available land and wet weather storage;
  - (c) the cumulative effect of the release concerned and any other releases of contaminants to waters that could be affected by the release known to the administering authority;
  - (d) the need to protect soil and plants from damage;
  - (e) the maintenance of acceptable health risks;
  - (f) any applicable code of practice approved under section 548 of the Act.
- (3) To protect an environmental value, the administering authority may require the relevant person to release the waste water to an artificial wetland for the removal of nutrients from the water.

## **18 Waste water releases to surface water**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the release of waste water (other than contaminated stormwater) to a surface water.
- (2) The administering authority must consider the following—
  - (a) whether the size of the initial mixing zone will adversely affect an environmental value, especially biological integrity and suitability for recreational use;

- (b) whether concentrations of contaminants in the initial mixing zone are acutely toxic to the biota;
  - (c) the existing quality of the surface water;
  - (d) the cumulative effect of the release concerned and any other releases of contaminants to the surface water known to the administering authority;
  - (e) future releases to the surface water known to the administering authority;
  - (f) the water quality objectives for waters outside the initial mixing zone.
- (3) The administering authority may require the relevant person to submerge an outfall to the surface water if it will help to—
- (a) protect the visual recreational use of the water; or
  - (b) better achieve the water quality objectives for the water.
- (4) To protect an environmental value, the administering authority may—
- (a) require the relevant person to meet a minimum initial dilution level under stated tidal or flow conditions by—
    - (i) increasing the depth of submergence of an outfall; or
    - (ii) using diffusers; or
  - (b) apply a limit to the size of the initial mixing zone; or
  - (c) require the relevant person to use an alternative outfall location; or
  - (d) require the relevant person to release waste water—
    - (i) if the release is into coastal waters—only during stated parts of the tide; or
    - (ii) if the release is into non-coastal waters—only above stated freshwater flows.

## **19 Stormwater management**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving, or likely to involve, the release of contaminated



stormwater to a roadside gutter, a stormwater drain or a surface water.

- (2) The administering authority must decide whether the management of stormwater releases from the activity is adequate to prevent or minimise environmental harm in waters affected by the release.
- (3) In making its decision, the administering authority must consider the following—
  - (a) the existing quality of a water that may be affected by the release and the water quality objectives for the water;
  - (b) the cumulative effect of the release in question and any other releases of contaminants to the water known to the administering authority;
  - (c) the technology, management and nature of processes being, or to be, used in carrying out the activity;
  - (d) any relevant urban stormwater quality management plan prepared under section 42;<sup>6</sup>
  - (e) the topography of the locality and local climatic conditions;
  - (f) if the activity involves exposing or disturbing soil—the soil type, its characteristics and the way it is managed.
- (4) If the administering authority decides the management of stormwater releases from the activity is not likely to be adequate to prevent or minimise environmental harm, the administering authority may require the relevant person—
  - (a) to implement waste prevention measures, including, for example—
    - (i) diverting upstream stormwater run off away from contaminated areas; and
    - (ii) minimising the size of contaminated areas; and
    - (iii) covering, paving or roofing contaminated areas; and

---

6 Section 42 (Urban stormwater quality management)

- (iv) cleaning contaminated areas without using water;  
or
- (b) to install control or treatment measures, including, for example, artificial wetlands, buffers that improve waste water quality, bunding, first flush stormwater diversion systems, oil separators and silt and rubbish traps; or
- (c) if the activity involves exposing or disturbing soil—
  - (i) to implement waste prevention measures, including, for example, minimising the amount of soil being exposed or disturbed by staging works associated with the activity and revegetating or mulching exposed or disturbed areas as quickly as possible; or
  - (ii) to install control or treatment measures including, for example, buffers that improve waste water quality, silt fences and settling basins.

## **20 Direct waste water release to ground waters**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the direct release of waste water to ground water.

*Example of direct release of waste water to ground water—*

The release of waste water to an aquifer or other ground water by way of a well, deep-well injection or bore would be a direct release of waste water to ground water.

- (2) The administering authority must consider the following—
- (a) whether the size of the attenuation zone will adversely affect an environmental value, especially in the draw-down zones of any bores used to obtain water for irrigation, stock or supply for drinking;
  - (b) the existing quality of the ground water;
  - (c) the cumulative effect of the release concerned and any other releases to the ground water known to the administering authority;
  - (d) the water quality objectives for waters outside the attenuation zone.

- (3) The administering authority may decide to authorise the release of waste water to a ground water that results in the water quality objectives for waters outside the attenuation zone not being met only if—
  - (a) the release is to a confined aquifer; and
  - (b) the existing quality of the ground water is extremely poor; and
  - (c) the ground water is a long way from the surface; and
  - (d) there is no foreseeable environmental value for, or commercial use of, the ground water; and
  - (e) there is no likely ecological link with another water.
- (4) To protect an environmental value, the administering authority may require a limit to the size of the attenuation zone.

## **21 Incidental waste water release to ground waters**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving, or likely to involve, the incidental release of waste water to ground water.
- (2) The administering authority must consider the following—
  - (a) the existing quality of, and the water quality objectives for, the ground water or a surface water likely to be affected by the release;
  - (b) the cumulative effect of the release concerned and any other releases of waste water to the ground water known to the administering authority;
  - (c) requiring the relevant person to minimise or prevent infiltration of waste water to the ground water.

## **22 Construction of artificial wetlands for waste water treatment**

- (1) This section applies if an administering authority is making an environmental management decision about an activity

involving the construction of an artificial wetland for waste water treatment in a natural wetland.

- (2) The administering authority must decide whether the existing ecological values, or the ecological values likely to exist after rehabilitation, of the natural wetland are so significant that the artificial wetland should not be constructed in the natural wetland.
- (3) In making its decision, the administering authority must consider the following—
  - (a) whether the natural wetland is of local, regional or national importance using wetlands criteria given in the ANCA Directory;
  - (b) whether the natural wetland no longer functions as a wetland because its ecological values have been degraded as evidenced by—
    - (i) the substantial loss of invertebrates from the benthic region; or
    - (ii) the substantial invasion by exotic plants so that native plants can no longer compete; or
    - (iii) the wetland is no longer fulfilling ecological functions including, for example, providing breeding, feeding or roosting sites for resident or migratory aquatic biota and birds;
  - (c) whether the degradation could be reversed by cost-effective remedial or rehabilitation measures;
  - (d) potential improvements to downstream water quality through building the artificial wetland;
  - (e) whether there is an alternative site for construction of the artificial wetland.

## **23 Use of natural biological controls in treatment of waste water**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the use of natural biological controls in the treatment of waste water.

- (2) The administering authority must consider—
  - (a) any safety information available about the controls and the recommended dose levels for the controls; and
  - (b) the likely persistence and effect of the controls on the environment; and
  - (c) whether there are any potential pathogens in the controls.

## **24 Acid sulphate soils**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the exposure or disturbance of acid sulphate soils or the lowering of a watertable associated with acid sulphate soils.
- (2) The administering authority must consider requiring the relevant person to implement appropriate management actions, including, for example, the following—
  - (a) avoiding or minimising the disturbance of the soils;
  - (b) neutralising the soils;
  - (c) managing watertable fluctuations, freshwater flows and tidal water levels to ensure the maintenance of adequate water cover over the soils;
  - (d) burying neutralised soils on the site under clean fill;
  - (e) burying soils under permanent water or a permanent watertable so the soils are not exposed to oxygen;
  - (f) treating or disposing of leachate and run off in an appropriate way.

## **25 Waste reception facilities for ships**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving a place for the mooring, docking or berthing of ships.
- (2) The administering authority must consider requiring the relevant person to provide waste reception facilities.

- (3) In making its decision, the administering authority must consider the following—
- (a) waste reception facilities should be required only for wastes that usually need to be released from ships using the place;
  - (b) the type of waste reception facilities required depends on the activities for which the place is used and may include, for example—
    - (i) sewage pump-out stations or other fixed onshore facilities; and
    - (ii) vacuum tankers for collection of oil or sewage or other mobile onshore facilities; and
    - (iii) an adequate number of easily accessible onshore rubbish bins and toilets; and
    - (iv) mobile barges for oil, sewage and rubbish collection; and
    - (v) quarantine facilities;
  - (c) larger ships may be able to keep wastes on-board and treat or dispose of the wastes at reception facilities at their home port or elsewhere;
  - (d) any relevant quarantine laws about the reception from overseas ships of waste particularly animal waste, drainage from sick bays or medical facilities, galley scraps, medical wastes and organic refuse;
  - (e) any relevant obligations under MARPOL 73/78 in relation to annexes I, II and V.

## **Division 4                      Monitoring**

### **26            Monitoring particular releases**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the release of waste water on land or to a water.
- (2) The administering authority must consider requiring the relevant person to monitor the waste water releases.

- (3) In making its decision, the administering authority must consider the following—
- (a) whether monitoring is needed—
    - (i) to decide if any of the following is being complied with—
      - (A) a development condition of a development approval;
      - (B) a condition of an environmental authority or environmental management program;
      - (C) an environmental protection order; or
    - (ii) to decide if a system to prevent contamination of land or waters by waste water is required or an existing system is functioning properly; or
    - (iii) because of the risk, and likely consequences, of the system failing;
  - (b) the variability of waste water released from the activity;
  - (c) the protocols for monitoring the releases;
  - (d) requiring the relevant person to use continuous monitoring equipment where it is reasonable and practicable.
- (4) If the administering authority requires the relevant person to carry out monitoring, the administering authority must consider the following factors in deciding the frequency of the monitoring and the indicators to be monitored—
- (a) the type of activity to be carried out;
  - (b) the risk of harm to environmental values involved in carrying out the activity;
  - (c) the frequency of monitoring needed—
    - (i) to decide if a condition of an environmental authority or environmental management program or an environmental protection order is being complied with; or
    - (ii) to decide if a system to prevent contamination of land or waters by waste water is functioning properly; or

- (iii) because of the risk and potential consequences of the system failing; or
- (iv) to ascertain the variability of waste water released from the activity;
- (d) any factors specific to the site where the activity is, or will be, carried out.

## **27 Impact monitoring**

- (1) This section applies if an administering authority is making an environmental management decision about an activity involving the release, or potential release, of waste water on land or to a water.
- (2) The administering authority must consider requiring the relevant person to carry out impact monitoring of the effect of the waste water releases.
- (3) In making its decision, the administering authority must—
  - (a) consider the protocols for monitoring the land or water to which the waste water is released; and
  - (b) take into account impact monitoring is generally only required—
    - (i) for large or hazardous activities with potential for causing significant environmental harm; or
    - (ii) to measure the size of the initial mixing zone or attenuation zone from a large or complicated release; or
    - (iii) to verify the conclusions of an environmental impact assessment, study or report; or
    - (iv) to decide future disposal strategies; or
    - (v) if there is concern over levels of a particular contaminant in a water and there are known activities that release that contaminant to the water.
- (4) If the administering authority requires the relevant person to carry out impact monitoring, an administering authority must consider the following factors in deciding the frequency of the monitoring and the indicators to be monitored—





**29 Release of sewage from ships into non-coastal waters**

- (1) A person must not release sewage into non-coastal waters from a ship that has a sewage holding tank or is required by law to be fitted with a sewage holding tank.

Maximum penalty—40 penalty units.

- (2) A person must not release sewage from a ship into non-coastal waters at a place for mooring, docking or berthing ships.

Maximum penalty—20 penalty units.

- (3) If a person is charged with an offence against subsection (1) or (2), it is a defence to the charge for the person to prove—

- (a) the release happened because of damage to the ship or its equipment; and
- (b) all reasonable precautions were taken before and after the damage happened to prevent or minimise the escape of the sewage.

**30 Disposal of rubbish from ships into non-coastal waters**

- (1) A person must not dispose of rubbish from a ship into non-coastal waters.

Maximum penalty—20 penalty units.

- (2) If a person is charged with an offence against subsection (1), it is a defence to the charge for the person to prove—

- (a) the disposal was made to secure the safety of the ship and persons on board the ship or to save someone's life; or
- (b) the disposal resulted from damage to the ship or its equipment and all reasonable precautions were taken before and after the damage happened to prevent or minimise the disposal; or
- (c) if the rubbish is synthetic fishing net or synthetic material used in the repair of a synthetic fishing net—
- (i) the disposal was the accidental loss of the net or material; and
- (ii) all reasonable precautions were taken to prevent the loss; and

- (iii) all reasonable attempts were made to recover the net or material.

### **31 Prohibition on deposit or release of certain things**

- (1) This section applies to the following things—
  - (a) rubbish;
  - (b) scrap metal, motor vehicle parts, motor vehicle bodies or tyres;
  - (c) building waste;
  - (d) sawdust;
  - (e) solid or liquid waste from an on-site domestic waste water treatment system;
  - (f) cement or concrete;
  - (g) a degreasing agent, paint, varnish or paint thinner;
  - (h) any manufactured product, or any by-product or waste from a manufacturing process, that has a pH less than 6 or greater than 9;
  - (i) an insecticide, herbicide, fungicide or other biocide;
  - (j) oil.
- (2) A person must not deposit or release a thing to which this section applies—
  - (a) into a roadside gutter, stormwater drain or a water; or
  - (b) in a place where it could reasonably be expected to move or be washed into a roadside gutter, stormwater drain or a water.

#### Maximum penalty—

- (a) for a thing mentioned in subsection (1)(a) to (d)—20 penalty units; or
  - (b) for a thing mentioned in subsection (1)(e) to (j)—40 penalty units.
- (3) However, a person does not commit an offence against subsection (2) if the deposit or release was authorised under any of the following—

- (a) a development condition of a development approval;
  - (b) an environmental authority;
  - (c) a standard environmental condition of a code of environmental compliance for a chapter 4 activity;
  - (d) an environmental management program;
  - (e) an environmental protection order;
  - (f) an emergency direction.
- (4) If a person is charged with an offence against subsection (2), it is a defence to the charge for the person to prove—
- (a) the deposit or release happened while carrying out a lawful activity; and
  - (b) the person complied with the general environmental duty either by complying with the relevant code of practice (if any) or in some other way.

### **32 Prohibition on build-up of sediment**

- (1) A person must not—
- (a) release stormwater run off into a roadside gutter, stormwater drain or a water that results in the build-up of sand, silt or mud in the gutter, drain or water; or
  - (b) deposit sand, silt or mud—
    - (i) in a roadside gutter, stormwater drain or a water; or
    - (ii) in a place where it could reasonably be expected to move or be washed into a roadside gutter, stormwater drain or water and result in a build-up of sand, silt or mud in the gutter, drain or water.

Maximum penalty—20 penalty units.

- (2) However, a person does not commit an offence against subsection (1) if the release or deposit was authorised under any of the following—
- (a) a development condition of a development approval;
  - (b) an environmental authority;

- (c) a standard environmental condition of a code of environmental compliance for a chapter 4 activity;
  - (d) an environmental management program;
  - (e) an environmental protection order;
  - (f) an emergency direction.
- (3) If a person is charged with an offence against subsection (1), it is a defence to the charge for the person to prove—
- (a) the release or deposit happened while carrying out a lawful activity; and
  - (b) the person complied with the general environmental duty either by complying with the relevant code of practice (if any) or in some other way.

### **33 On-site domestic waste water treatment systems**

- (1) This section applies if—
- (a) a local government is preparing or amending a planning scheme or considering a rezoning or development application; and
  - (b) under the scheme or application on-site domestic waste water treatment systems are proposed to be used in a locality.
- (2) The local government must consider the following—
- (a) the number of existing on-site domestic waste water treatment systems in the locality;
  - (b) the cumulative effect of the proposed and existing systems in the locality on water quality objectives for waters in the locality;
  - (c) the sizes of the lots and the soil types, land slopes, hydrology and hydrogeology in the locality;
  - (d) the proximity of the systems to surface waters and ground waters in the locality;
  - (e) the rainfall and other climatic conditions of the locality;
  - (f) the existing quality of waters in the locality and the water quality objectives for the waters;

- (g) any relevant ground water protection plan prepared under section 45.<sup>7</sup>

## **Part 7                      Environmental plans**

### **Division 1                Preliminary**

#### **34            Priorities and timetable for environmental plans**

- (1) If a local government is required to develop more than 1 environmental plan about a matter under this part, it must—
  - (a) prioritise the plans to be developed and implemented about the matter; and
  - (b) determine a timetable for developing and implementing the plans.
- (2) The chief executive (water resources) must, for a matter for which the chief executive is required to develop environmental plans under this part—
  - (a) prioritise the plans to be developed and implemented about the matter; and
  - (b) determine a timetable for developing and implementing the plans.

#### **35            Purpose of policy to be considered**

In developing and implementing the environmental plans, the local government or chief executive (water resources) must consider the purpose of this policy and how the purpose is to be achieved.<sup>8</sup>

---

7    Section 45 (Protection of ground waters)

8    Sections 5 (Purpose of policy) and 6 (How purpose of policy is to be achieved)

**36 Time for development and implementation of environmental plans**

Within 5 years after the commencement of this policy, the local government or chief executive (water resources) must develop and start implementing at least 1 environmental plan for each matter.

**37 Review of environmental plans**

The local government or chief executive (water resources) must regularly review—

- (a) the priorities and timetable for the development and implementation of environmental plans; and
- (b) after a plan has been developed and implemented—the performance of the plan, including its economic and social impacts.

**38 Compliance with part**

A local government may achieve compliance with this part by implementing a plan prepared by it that substantially complies with this policy, even though the plan was not originally prepared for this policy.

**39 Reporting**

- (1) A local government that is required to develop and implement environmental plans must give the chief executive—
  - (a) a report on the development and implementation of plans within 3 years after the commencement of this policy; and
  - (b) after the local government has started implementing an environmental plan—a report on the plan's implementation within 2 months after the end of each financial year.
- (2) However, subsection (1) does not apply to a local government that—
  - (a) reports to the chief executive (water resources) about another plan; and

- (b) notifies the chief executive of the department within 3 years of the commencement of this policy of its intention to implement the other plan to achieve compliance under this part for the environmental plan and report to the chief executive (water resources).
- (3) The chief executive (water resources) must give the chief executive of the department—
  - (a) a report about the development and implementation of its environmental plans within 3 years after the commencement of this policy; and
  - (b) after the chief executive has started implementing an environmental plan—a report on the plan's implementation 2 months after the end of each financial year.

## **Division 2                      Local government environmental plans**

### **40            Sewage management**

- (1) A local government that operates a sewerage system must develop and implement an environmental plan about sewage management that minimises unnecessary flows entering the system.
- (2) In developing its plan, the local government must consider—
  - (a) the water quality objectives for a water to which a release of waste water may occur; and
  - (b) the maintenance of acceptable health risks.
- (3) The local government must consider including the following measures in its plan—
  - (a) ways of reducing infiltration to sewers;
  - (b) ways of avoiding unintended stormwater inflow to sewers;
  - (c) alternatives to expansion or remediation of an existing system and to construction of a new system, including, for example—



- (i) chemical and composting toilets; or
- (ii) domestic on-site waste water treatment systems and recycling or disposal of waste water.

#### **41 Trade waste management**

- (1) A local government that operates a sewerage system must develop and implement an environmental plan about trade waste management that controls trade wastes entering the system.
- (2) The local government must consider including in its plan—
  - (a) requirements for waste prevention, recycling and treatment measures before the release of trade waste to sewer may be authorised; and
  - (b) provisions about the effect of trade waste on—
    - (i) the recycling of waste water and sludge; and
    - (ii) the materials used to construct the sewerage system; and
    - (iii) the health and safety of people working on the sewerage system; and
    - (iv) the treatment capabilities of sewage treatment plants.

#### **42 Urban stormwater quality management**

- (1) A local government that has an urban stormwater system must develop and implement an environmental plan about urban stormwater quality management that improves the quality of stormwater in a way that is consistent with the water quality objectives for waters affected by the system.
- (2) The local government must consider including in its plan—
  - (a) measures to minimise the contamination of waters by stormwater, maximise the infiltration of water into the ground, reduce the velocity of stormwater and remove contaminants from stormwater, including, for example, the following—

- (i) flow rate mitigation, erosion control and infiltration areas;
  - (ii) grassed or vegetated drainage lines, vegetated water buffers and conservation or restoration of riparian vegetation;
  - (iii) artificial wetlands, gross contaminant traps, retention basins and trash racks; and
- (b) planning and design approaches for its stormwater system that have regard to the needs of the local community, including, for example, the following—
  - (i) minimising ecological impacts on waters in the locality;
  - (ii) acceptable health risks, aesthetics, protection from flooding, public safety and other social concerns;
  - (iii) making use of stormwater for recycling and water conservation;
  - (iv) making use of drainage corridors for improved recreational values and open space or landscape areas; and
- (c) investigation of opportunities to build contaminant control measures and re-establish riparian vegetation and aesthetically pleasing environments in degraded drainage corridors; and
- (d) integration of the plan with catchment based planning and land use planning; and
- (e) implementation of viable alternatives to the release of stormwater through outlets across beaches or into waters with poor circulation.

#### **43 Water conservation**

- (1) A local government that operates a water supply system must develop and implement an environmental plan about water conservation that improves water use efficiency in the system.
- (2) In developing its plan, the local government must consider—

- (a) the water quality objectives for a water to which a release of waste water may occur; and
  - (b) the maintenance of acceptable health risks.
- (3) The local government must consider including the following measures in its plans—
- (a) water restrictions, including, for example, restricted garden watering;
  - (b) the use of rainwater tanks and waste water recycling;
  - (c) ways of reducing water usage in industrial processes and household appliances, including, for example, low flush toilets and water efficient appliances;
  - (d) water pricing policies, tariff structures, water meters and financial incentives and concessions to reduce water usage;
  - (e) voluntary water reduction schemes and community education and involvement in water conservation;
  - (f) detection and control of leaks in its water supply system.

## **Division 3                      Other environmental plans**

### **44                      Environmental water provisions**

- (1) The chief executive (water resources) must develop and implement environmental plans about environmental water provisions for Queensland waters.
- (2) In developing the plans, the chief executive must consider the following—
  - (a) ecological values of the waters and environmental water requirements;
  - (b) protecting the environment in future water allocation decisions;
  - (c) reallocating water from water storages to provide water to the environment;
  - (d) management of water allocations;

- (e) monitoring to ensure environmental water provisions are maintaining ecological values of the waters;
- (f) further research to improve the understanding of environmental water requirements;
- (g) involving relevant environmental, social and economic stakeholders in decisions about providing water to the environment;
- (h) possible approaches to the plan's implementation.

#### **45 Protection of ground waters**

- (1) The chief executive (water resources) must develop and implement environmental plans about protecting ground waters.
- (2) The chief executive must consider including the following in the plans—
  - (a) provisions about ground water management;
  - (b) vulnerability maps;
  - (c) aquifer classification systems;
  - (d) provisions about wellhead protection.

## **Part 8 Miscellaneous**

### **Division 1 Functions of chief executive**

#### **46 Education and information**

- (1) The chief executive, in cooperation with the chief executive (water resources) and other relevant entities, must promote a coordinated strategy to educate and inform the community about water quality management issues.
- (2) The chief executive's role in developing the strategy is to—

- (a) identify water quality management issues not being adequately addressed and liaise with relevant entities to address the issues; and
  - (b) identify any overlap of functions and activities and minimise duplication of resources.
- (3) The strategy must include—
- (a) identifying and prioritising water quality management issues; and
  - (b) identifying persons and organisations requiring education and information about the issues; and
  - (c) developing and implementing education programs about water quality management issues for persons and organisations identified in paragraph (b).
- (4) An administering authority must promote community education and information about water quality management issues for which it is responsible.

#### **47 Ambient monitoring**

- (1) If the chief executive carries out ambient monitoring of waters to assess the state of Queensland waters the chief executive must—
- (a) prepare a report about the results of the monitoring; or
  - (b) include the results in an appropriate state of the environment report.
- (2) If practicable, the report must include a comparison of ambient monitoring results with the water quality objectives for, and freshwater flows to, the waters during the time of the monitoring.
- (3) For a report prepared under this section, if the measure of an indicator does not comply with a water quality guideline because of a natural property of the water, the measure of the indicator is taken to comply with the water quality guideline.

## Division 2                      Miscellaneous

### 48      **Amendment of certain provisions of policy**

- (1) An amendment of any of the following provisions is an amendment to which section 35(2)<sup>9</sup> of the Act applies—
  - (a) sections 8 to 11;<sup>10</sup>
  - (b) sections 31 and 39;<sup>11</sup>
  - (c) schedule 1;<sup>12</sup>
  - (d) schedule 2, definitions *ANCA Directory* and *AWQ guidelines*.<sup>13</sup>
- (2) However, the Minister may recommend to the Governor in Council the approval of an environmental protection policy (the *later policy*) that amends a provision mentioned in subsection (1) (other than an amendment mentioned in subsection (3)) only if the Minister is satisfied—
  - (a) there has been appropriate consultation about the provision as amended by the later policy; and
  - (b) there has been consideration of the economic and social impacts of the provision as amended by the later policy.
- (3) Also, the Minister may recommend to the Governor in Council the approval of an environmental protection policy that amends schedule 1 by inserting a new document only if the Minister is satisfied—
  - (a) there has been appropriate consultation about the document; and
  - (b) there has been consideration of the economic and social impacts of protecting environmental values for the water mentioned in the document; and

---

9 Section 35 (Amendment and repeal of policies) of the Act

10 Sections 8 (Indicators for environmental values), 9 (Water quality guidelines for indicators for environmental values), 10 (Protocols) and 11 (Water quality objectives)

11 Sections 31 (Prohibition on deposit or release of certain things) and 39 (Reporting)

12 Schedule 1 (Environmental values and water quality objectives for waters)

13 Schedule 2 (Dictionary)

- (c) for a document that states water quality objectives that provide a lower level of protection of environmental values for the water than the water quality guidelines mentioned in section 11(2)<sup>14</sup>—
  - (i) the water quality guidelines would involve economic or social impacts that are unacceptable to the community; and
  - (ii) the water quality objectives in the document are an improvement on existing water quality.

#### **48A Operation of sch 1**

- (1) The boundaries of a water listed in schedule 1, column 1 are the boundaries identified in the document stated in column 2 of the schedule opposite the water.
- (2) A document mentioned in schedule 1 is available for inspection—
  - (a) during office hours at the department's office at 160 Ann Street, Brisbane; and
  - (b) on the department's website.<sup>15</sup>

## **Part 9 Assessment of policy performance**

### **49 Review of policy**

- (1) In preparing a report under section 36(2)<sup>16</sup> of the Act, the chief executive must assess this policy's environmental effectiveness and economic efficiency using measurable performance indicators.

---

14 Section 11 (Water quality objectives)

15 The department's website is at <[www.epa.qld.gov.au](http://www.epa.qld.gov.au)>.

16 Section 36 (Review of policies) of the Act

- (2) The chief executive must consider whether it is appropriate to use the following performance indicators—
- (a) the number of waters for which ambient monitoring results indicate the waters meet the water quality objectives and show an improvement in water quality;
  - (b) the increase in the number of registered operators and holders of environmental authorities who have adopted waste prevention and recycling measures, either fully or partly, in preference to disposal;
  - (c) the increase in the number of registered operators and holders of environmental authorities who are complying with the relevant conditions and have improved the quality of waste water releases;
  - (d) the performance indicators developed under environmental plans under part 7<sup>17</sup> including, for example, increased kilometres of sewers inspected and maintained, per capita reductions in water usage and reduced number of sewage overflows per unit length of sewer;
  - (e) the number of waters for which a document is included in schedule 1;
  - (f) the number of protocols that have been developed by the chief executive and included in section 10;<sup>18</sup>
  - (g) the number of education programs developed by the chief executive under section 46<sup>19</sup> and the issues involved, the target groups and the success of the programs;
  - (h) the development of Queensland water quality guidelines by the chief executive.
- (3) In this section—
- relevant conditions*** means—
- (a) for a registered operator for an activity—

---

17 Part 7 (Environmental plans)

18 Section 10 (Protocols)

19 Section 46 (Education and information)



- (i) the development conditions of a development approval for the activity; or
  - (ii) the standard environmental conditions of a code of environmental compliance for the activity; or
- (b) for the holder of an environmental authority—the conditions of the authority.

## **Schedule 1            Environmental values and water quality objectives for waters**

sections 7 and 11

### **Column 1 Water**

### **Column 2 Document**

<b>Name</b>	<b>Description</b>	
Albert River, including all tributaries of the Albert River estuary	part of basin 145	Albert River Environmental Values and Water Quality Objectives, published by the department in March 2006
Bloomfield River, including all tributaries of the river	part of basin 108	Bloomfield River Environmental Values and Water Quality Objectives, published by the department in March 2006
Bremer River, including all tributaries of the Bremer River estuary	part of basin 143	Bremer River Environmental Values and Water Quality Objectives, published by the department in March 2006
Brisbane River, including all tributaries of the Brisbane River estuary, other than Oxley Creek	part of basin 143	Brisbane River Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>	<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>
Brisbane creeks—Bramble Bay, including Bald Hills, Cabbage Tree, Downfall, Kedron Brook, Nudgee and Nundah creeks	part of basin 142 Brisbane Creeks—Bramble Bay Environmental Values and Water Quality Objectives, published by the department in March 2006
Broadwater, including— <ul style="list-style-type: none"> <li>• Biggera and Loders creeks</li> <li>• the Broadwater and all creeks of the Broadwater catchment</li> <li>• Runaway Bay</li> </ul>	part of basin 146 Broadwater Environmental Values and Water Quality Objectives, published by the department in March 2006
Burrum, Gregory, Isis, Cherwell and Elliott rivers, including all Hervey Bay coastal rivers and creeks	part of basin 137 Burrum, Gregory, Isis, Cherwell and Elliott Rivers Environmental Values and Water Quality Objectives, published by the department in March 2006
Caboolture River, including all tributaries of the river	part of basin 142 Caboolture River Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>		<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>	
Coomera River, including all tributaries of the river	part of basin 146	Coomera River Environmental Values and Water Quality Objectives, published by the department in March 2006
Currumbin and Tallebudgera creeks and Pacific Beaches, including—	part of basin 146	Currumbin and Tallebudgera Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
<ul style="list-style-type: none"> <li>• all tributaries of Currumbin and Tallebudgera creeks</li> <li>• all creeks of the Pacific Beaches catchment</li> </ul>		
Daintree River, including all tributaries of the river	part of basin 108	Daintree River Environmental Values and Water Quality Objectives, published by the department in March 2006
Douglas Shire central coastal creeks, including all coastal creeks between Mowbray River and Mossman River	part of basin 109	Douglas Shire Central Coastal Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
Douglas Shire coastal waters	adjacent to basins 108 and 109	Douglas Shire Coastal Waters Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>		<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>	
Douglas Shire northern coastal creeks, including all coastal creeks north of Daintree River and east of Bloomfield River	part of basin 108	Douglas Shire Northern Coastal Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
Douglas Shire southern coastal creeks, including all coastal creeks between Mowbray River and the southern boundary of the area of the Douglas Shire Council	part of basin 109	Douglas Shire Southern Coastal Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
Fraser Island waters	basin 139	Fraser Island Environmental Values and Water Quality Objectives, published by the department in March 2006
Great Sandy Strait	adjacent to basins 137 to 140	Great Sandy Strait Environmental Values and Water Quality Objectives, published by the department in March 2006
Great Sandy Strait coastal creeks	part of basin 140	Great Sandy Strait Coastal Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>	<b>Column 2 Document</b>	
<b>Name</b>	<b>Description</b>	
Hervey Bay	adjacent to basins 137 and 139	Hervey Bay Environmental Values and Water Quality Objectives, published by the department in March 2006
Logan River, including all tributaries of the Logan River estuary	part of basin 145	Logan River Environmental Values and Water Quality Objectives, published by the department in March 2006
Maroochy River, including all tributaries of the river	part of basin 141	Maroochy River Environmental Values and Water Quality Objectives, published by the department in March 2006
Mary River, including all tributaries of the river	basin 138	Mary River Environmental Values and Water Quality Objectives, published by the department in March 2006
Mooloolah River, including all tributaries of the river	part of basin 141	Mooloolah River Environmental Values and Water Quality Objectives, published by the department in March 2006
Moreton Bay	basin 144 and adjacent to basins 141 to 143, 145 and 146	Moreton Bay, North Stradbroke, South Stradbroke, Moreton and Moreton Bay Islands Environmental Values and Water Quality Objectives, published by the department in March 2006
Mossman River, including all tributaries of the river	part of basin 109	Mossman River Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>		<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>	
Mowbray River, including all tributaries of the river	part of basin 109	Mowbray River Environmental Values and Water Quality Objectives, published by the department in March 2006
Nerang River, including all tributaries of the river	part of basin 146	Nerang River Environmental Values and Water Quality Objectives, published by the department in March 2006
Noosa River, including— <ul style="list-style-type: none"> <li>• Kin Kin creek</li> <li>• Teewah coastal creeks</li> <li>• lakes Cooroibah, Cootharaba, Doonella and Weyba</li> </ul>	part of basin 140	Noosa River Environmental Values and Water Quality Objectives, published by the department in March 2006
Oxley Creek, including all tributaries of the creek	part of basin 143	Oxley Creek Environmental Values and Water Quality Objectives, published by the department in March 2006
Pimpama River, including— <ul style="list-style-type: none"> <li>• Behms and McCoys creeks</li> <li>• southern Moreton Bay coastal creeks</li> </ul>	part of basin 146	Pimpama River Environmental Values and Water Quality Objectives, published by the department in March 2006

## Schedule 1 (continued)

<b>Column 1 Water</b>	<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>
Pine rivers and Redcliffe creeks, including— <ul style="list-style-type: none"> <li>• Hays Inlet</li> <li>• all tributaries of the North Pine and South Pine rivers</li> </ul>	part of basin 142 Pine Rivers and Redcliffe Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
Pumicestone Passage, including— <ul style="list-style-type: none"> <li>• waters of Bribie Island</li> <li>• Bells, Coochin, Dux, Elimbah, Mellum, Ningi and Tibrogargan creeks</li> </ul>	part of basin 141 Pumicestone Passage Environmental Values and Water Quality Objectives, published by the department in March 2006
Redland creeks, including Coolnwynpin, Erapah, Hilliards, Lota, Moogurrapum, Tarradarrapin, Tingalpa and Wynnum creeks	part of basin 145 Redland Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006



## Schedule 1 (continued)

<b>Column 1 Water</b>		<b>Column 2 Document</b>
<b>Name</b>	<b>Description</b>	
Saltwater Creek, including all tributaries of the creek	part of basin 108	Saltwater Creek Environmental Values and Water Quality Objectives, published by the department in March 2006
Sandy, Six Mile, Wolston, Woogaroo and Goodna creeks	part of basin 143	Sandy, Six Mile, Wolston, Woogaroo and Goodna Creeks Environmental Values and Water Quality Objectives, published by the department in March 2006
Trinity Inlet	part of basin 111	Trinity Inlet Management Plan published by the department in February 2002 <sup>a</sup>

---

a A copy of the plan may also be purchased from the Department of State Development, Trade and Innovation, PO Box 2358, Cairns QLD 4870.

## Schedule 2      Dictionary

### section 3

**acid sulphate soil** means—

- (a) a soil or soil horizon that contains sulphides; or
- (b) an acidic soil or acidic soil horizon affected by the oxidation of sulphides.

**agricultural use**, of water, means the use of water in carrying out an agricultural activity.

*Examples—*

Irrigating crops, watering stock and farm water supply (other than drinking water) are examples of agricultural use of water.

**ambient monitoring**, of a water, means measuring the general quality of the water without specifically measuring the effect of particular releases of contaminants into the water.

**ANCA Directory** means the report called ‘A review and update of Queensland site accounts in A Directory of Important Wetlands in Australia’, prepared by the department in September 2005.<sup>20</sup>

**ANZECC** means the Australian and New Zealand Environment and Conservation Council.

**ARMCANZ** means the Agriculture and Resource Management Council of Australia and New Zealand.

**artificial wetlands** means wetlands that are not natural wetlands.

**attenuation zone** means the area around a release to ground water in which the concentration of contaminants in the

---

20 The ANCA Directory and the Australian Wetlands Database may be inspected during office hours at the department’s office at 160 Ann Street, Brisbane. The database is also available for inspection on the website of the Department of the Environment and Heritage (Commonwealth) at [www.deh.gov.au/water/wetlands/database/directory/index.html](http://www.deh.gov.au/water/wetlands/database/directory/index.html).

**Schedule 2 (continued)**

release is reduced to ambient levels through physico-chemical and microbiological processes.

***Australian Standards*** means the standards published by Standards Australia.

***AWQ guidelines*** means the ‘Australian and New Zealand Guidelines for Fresh and Marine Water Quality’, volumes 1, 2 and 3, published by ANZECC and ARMCANZ in October 2000.

***basin***, followed by a number, means the river basin of that number described in ‘Australia’s River Basins 1997’, 3rd edition, published by Geoscience Australia, Commonwealth of Australia, in 2004.<sup>21</sup>

***biological integrity***, of a water, means the water’s ability to support and maintain a balanced, integrative, adaptive community of organisms having a species composition, diversity and functional organisation comparable to that of the natural habitat of the locality in which the water is situated.

*Examples—*

The following are examples of biological integrity of a water—

- (a) the intrinsic value of pristine or modified aquatic ecosystems;
- (b) its ability to support associated wildlife;
- (c) its ability to produce food for human consumption.

***buffer*** means the area between a place where contaminants are stored, used or produced and roadside gutters, stormwater drains or waters.

***chief executive (fisheries)*** means the chief executive of the department in which the *Fisheries Act 1994* is administered.

***chief executive (water resources)*** means the chief executive of the department in which the *Water Act 2000* is administered.

---

<sup>21</sup> A map showing the river basins in Queensland can also be viewed on the Department of Natural Resources and Mines’ website at <[www.dnrm.qld.gov.au/watershed/](http://www.dnrm.qld.gov.au/watershed/)>.

## Schedule 2 (continued)

***coastal waters*** has the meaning under the Marine Pollution Act.

***contaminated stormwater*** means stormwater that contains a contaminant.

***cooperative research centre*** means a cooperative research centre funded by the Commonwealth.

***deposit*** includes drop, leave, place or throw.

***draw-down zone***, of a bore, means the region in which there is a difference between the observed water level during pumping and water level when there is no pumping.

***environmental management decision*** means a decision by an administering authority about an environmental authority, development approval, environmental management program or environmental protection order for an environmentally relevant activity or other activity.

***environmental values*** see section 7.

***environmental water provisions*** means the part of the environmental water requirements that can be met and include—

- (a) unregulated flows in rivers and water in wetlands and aquifers; and
- (b) allocations or releases from storages; and
- (c) water in transit for other users.

***environmental water requirements*** means patterns of seasonal water flows and levels that are needed to maintain the environment at a low level of risk of environmental harm.

***harmful substance*** has the meaning under the Marine Pollution Act.

***impact monitoring***, of the release of a contaminant into a water, means measuring the effect of the release on the water's quality.

***incidental release***, of waste water to ground water, means the release of waste water into ground waters by infiltration that happens incidental to carrying out an activity.

## Schedule 2 (continued)

**indicator** see section 8.

**initial mixing zone** means an area where waste water mixes rapidly with surface water because of the momentum or buoyancy of the waste water and the turbulence of the surface water.

**Marine Pollution Act** means the *Transport Operations (Marine Pollution) Act 1995*.

**MARPOL 73/78** has the meaning under the Marine Pollution Act.

**minimal treatment**, of water, means—

- (a) coarse screening; or
- (b) coarse screening and disinfection.

**modified aquatic ecosystem** means an aquatic ecosystem that is, or has been, subject to human interference through—

- (a) releases (whether direct or indirect) into a water forming part of the ecosystem; or
- (b) activities in the water's catchment area.

**natural biological controls** means naturally occurring bacteria, fungi or micro-organisms that are cultured and added to wastes in high numbers to breakdown contaminants.

**natural wetland** means a wetland existing in nature or formed by natural processes.

**noxious liquid substance** has the meaning under the Marine Pollution Act.

**NWQM Strategy** means the National Water Quality Management Strategy developed by ANZECC and ARMCANZ.

**oil** has the meaning under the Marine Pollution Act.

**on-site domestic waste water treatment system** includes a septic tank and a trench or disposal area associated with an on-site domestic waste water treatment system.

## Schedule 2 (continued)

***primary contact recreational use***, of a water, means full body contact with the water, including, for example, swimming, surfing, windsurfing, diving and waterskiing.

***pristine aquatic ecosystem*** means an aquatic ecosystem that has not been, or is not, subject to human interference through—

- (a) releases (whether direct or indirect) into a water forming part of the ecosystem; or
- (b) activities in the water's catchment area.

***protocol*** see section 10.

***recognised entity*** means—

- (a) the department; or
- (b) an environmental protection agency of the Commonwealth or a State; or
- (c) ANZECC; or
- (d) ARMCANZ; or
- (e) the Government Chemical Laboratory;<sup>22</sup> or
- (f) the department in which the *Water Act 2000* is administered; or
- (g) the department in which the *Fisheries Act 1994* is administered; or
- (h) the United States Environmental Protection Agency or another environmental protection agency of a national government; or
- (i) a cooperative research centre; or
- (j) Commonwealth Scientific and Industrial Research Organisation; or
- (k) an Australian university.

---

<sup>22</sup> The Government Chemical Laboratory is an entity within the department in which the *Health Act 1937* is administered.

**Schedule 2 (continued)**

***recreational use***, of a water, means—

- (a) primary contact recreational use of the water; or
- (b) secondary contact recreational use of the water; or
- (c) visual recreational use of the water.

***recycling***, of waste water, means—

- (a) reusing the waste water in the process that generated it;  
or
- (b) reprocessing the waste water to develop a new product;  
or
- (c) using the waste water (whether on or off the site where it is generated).

***relevant person***, for an environmental management decision, means—

- (a) for a decision about an environmental authority—the applicant for, or the holder of, the authority; or
- (ab) for a decision about a development approval—
  - (i) the applicant for the approval; or
  - (ii) a person who is bound by the development conditions of the approval; or
- (b) for a decision about an environmental management program—the person or public authority that submitted the program for approval or the holder of the approval of the program; or
- (c) for a decision about an environmental protection order—the proposed recipient, or recipient, of the order.

***secondary contact recreational use***, of a water, means contact (other than full body contact) with the water, including, for example, boating and fishing.

***ship*** has the meaning under the Marine Pollution Act.

***site specific document*** means a document—

- (a) that contains specific information about a water, or part of a water; and

## Schedule 2 (continued)

- (b) is recognised by the relevant administering authority as having appropriate scientific authority.

***surface waters*** means waters other than ground waters.

***visual recreational use***, of a water, means viewing the water without contact with it.

***waste prevention*** means the adoption of practices or processes that avoid generating waste or reduce the quantity of waste requiring subsequent treatment, recycling or disposal.

***waste water*** means a liquid waste, and includes contaminated stormwater.

***water quality guidelines*** see section 9.

***water quality objectives*** are long-term goals for water quality management.

***waters*** includes the bed and banks of waters.

***wetland*** means an area of permanent or periodic inundation, whether natural or artificial, static or flowing, fresh, brackish or saline, and includes an area of marine water the depth of which at low tide is less than 6m.



## Endnotes

### 1 Index to endnotes

	Page
2 Date to which amendments incorporated . . . . .	55
3 Key . . . . .	55
4 Table of reprints . . . . .	56
5 List of legislation . . . . .	56
6 List of annotations . . . . .	57

### 2 Date to which amendments incorporated

This is the reprint date mentioned in the Reprints Act 1992, section 5(c). Accordingly, this reprint includes all amendments that commenced operation on or before 1 May 2006. Future amendments of the Environmental Protection (Water) Policy 1997 may be made in accordance with this reprint under the Reprints Act 1992, section 49.

### 3 Key

#### Key to abbreviations in list of legislation and annotations

Key	Explanation	Key	Explanation
AIA	= Acts Interpretation Act 1954	(prev)	= previously
amd	= amended	proc	= proclamation
amdt	= amendment	prov	= provision
ch	= chapter	pt	= part
def	= definition	pubd	= published
div	= division	R[X]	= Reprint No.[X]
exp	= expires/expired	RA	= Reprints Act 1992
gaz	= gazette	reloc	= relocated
hdg	= heading	renum	= renumbered
ins	= inserted	rep	= repealed
lap	= lapsed	(retro)	= retrospectively
notfd	= notified	rv	= revised edition
o in c	= order in council	s	= section
om	= omitted	sch	= schedule
orig	= original	sdiv	= subdivision
p	= page	SIA	= Statutory Instruments Act 1992
para	= paragraph	SIR	= Statutory Instruments Regulation 2002
prec	= preceding	SL	= subordinate legislation
pres	= present	sub	= substituted
prev	= previous	unnum	= unnumbered

## 4 Table of reprints

Reprints are issued for both future and past effective dates. For the most up-to-date table of reprints, see the reprint with the latest effective date.

If a reprint number includes a letter of the alphabet, the reprint was released in unauthorised, electronic form only.

Reprint No.	Amendments to	Effective	Reprint date
1	none	5 June 1997	17 July 1997
2	1994 Act No. 62	1 January 2001	1 January 2001

Reprint No.	Amendments included	Effective	Notes
2A	2003 SL No. 73	24 April 2003	
2B	2004 SL No. 208	4 October 2004	
2C	2006 SL No. 30	1 May 2006	

## 5 List of legislation

### **Environmental Protection (Water) Policy 1997 SL No. 136**

made by the Governor in Council on 5 June 1997

notfd gaz 5 June 1997 pp 504A–504B

ss 1–2 commenced on date of notification

s 32 commenced 1 January 1998 (see s 2)

remaining provisions commenced on date of notification

Note—The expiry date may have changed since this reprint was published. See the latest reprint of the SIR for any change.

Note—A regulatory impact statement and explanatory note were prepared amending legislation—

### **Environmental Protection Act 1994 No. 62 ss 1–2, 616(2) (as ins 2000 No. 64 s 52)**

date of assent 1 December 1994

ss 1–2 commenced on date of assent

remaining provision commenced 1 January 2001

### **Environmental Protection Policies Amendment Policy (No. 1) 2003 No. 73 ss 1, 4 sch**

notfd gaz 24 April 2003 pp 1436–7

commenced on date of notification

### **Environmental Protection Policies Amendment Policy (No. 1) 2004 SL No. 208 pts 1, 5**

notfd gaz 1 October 2004 pp 393–5

ss 1–2 commenced on date of notification

remaining provisions commenced 4 October 2004 (see s 2)

**Environmental Protection (Water) Amendment Policy (No. 1) 2006 SL No. 30**

notfd gaz 3 March 2006 pp 887–8

ss 1–2 commenced on date of notification

remaining provisions commenced 1 May 2006 (see s 2)

Note—A regulatory impact statement and explanatory note were prepared

**6 List of annotations****Definitions**

s 3 prov hdg amd 2003 SL No. 73 s 4 sch

**How administering authority may require certain action**

s 14 amd 2004 SL No. 208 s 22

**Waste water releases on land**

s 17 amd 1994 Act No. 62 s 616(2) (as ins 2000 No. 64 s 52)

**Monitoring particular releases**

s 26 amd 2004 SL No. 208 s 23

**Prohibition on deposit or release of certain things**

s 31 amd 2004 SL No. 208 s 24

**Prohibition on build-up of sediment**

s 32 amd 2004 SL No. 208 s 25

**Amendment of certain provisions of policy**

s 48 amd 1994 Act No. 62 s 616(2) (as ins 2000 No. 64 s 52); 2003 SL No. 73 s 4 sch

**Operation of sch 1**

s 48A ins 2006 SL No. 30 s 4

**Review of policy**

s 49 amd 1994 Act No. 62 s 616(2) (as ins 2000 No. 64 s 52); 2004 SL No. 208 s 26

**SCHEDULE 1—ENVIRONMENTAL VALUES AND WATER QUALITY OBJECTIVES FOR WATERS**

amd 2006 SL No. 30 s 5

**SCHEDULE 2—DICTIONARY**

def “ANCA Directory” sub 2006 SL No. 30 s 6

def “AWQ guidelines” sub 2006 SL No. 30 s 6

def “basin” ins 2006 SL No. 30 s 6(2)

def “chief executive (water resources)” amd 2003 SL No. 73 s 4 sch

def “environmental management decision” amd 2004 SL No. 208 s 26(1)

def “recognised entity” amd 2003 SL No. 73 s 4 sch

def “relevant person” amd 2004 SL No. 208 s 26(2)

