



Queensland

# Water Resource (Great Artesian Basin) Plan 2006

## Subordinate Legislation 2006 No. 49

made under the

*Water Act 2000*

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## **Part 1 Preliminary**

### **1 Short title**

This water resource plan may be cited as the *Water Resource (Great Artesian Basin) Plan 2006*.

### **2 Purposes of plan**

The following are the purposes of this plan—

- (a) to define the availability of water in the plan area;
- (b) to provide a framework for sustainably managing water and the taking of water;
- (c) to identify priorities and mechanisms for dealing with future water requirements.

### **3 Definitions**

The dictionary in schedule 6 defines particular words used in this plan.

## **Part 2 Plan area and water to which plan applies**

### **4 Plan area**

This plan applies to the area shown as the plan area on the map in schedule 1.

### **5 Management areas and management units**

- (1) Each management area mentioned in this plan is shown on the map in schedule 2.
- (2) Each management area mentioned in schedule 4, column 1, is divided into the management units mentioned, for the management area, in schedule 4, column 2.

- (3) Each management unit comprises the aquifers mentioned, for the management unit, in schedule 4, column 3.

## **6 Maps held in digital electronic form**

- (1) The exact location of the boundaries on maps shown in schedules 1, 2 and 3 is held in digital electronic form by the department.
- (2) The information held in digital electronic form can be reduced or enlarged to show the details of each boundary.

## **7 Water to which plan applies**

This plan applies to the following water in or from management units in the plan area—

- (a) artesian water;
- (b) subartesian water connected to artesian water;
- (c) water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.

# **Part 3 Outcomes for sustainable management of water**

## **8 Outcomes, including ecological outcomes, for the plan area**

Water is to be allocated and managed in a way that seeks to achieve a balance in the following outcomes—

- (a) to protect the flow of water to springs and baseflow to watercourses that support significant cultural and environmental values;
- (b) to provide for the continued use of all water entitlements and other authorisations to take or interfere with water;

- (c) to reserve water in storage in aquifers for future generations;
- (d) to ensure a reliable supply of water from the plan area;
- (e) to make water available for new users.

## **Part 4 Strategies for achieving outcomes**

### **Division 1 Preliminary**

#### **9 Strategies**

- (1) This part states the strategies for achieving the outcomes mentioned in part 3.
- (2) The strategies—
  - (a) form part of a broad framework for the management of natural resources; and
  - (b) complement other activities for advancing the sustainable management of water including the Great Artesian Basin Sustainability Initiative.

#### **10 Decisions about taking water**

- (1) The chief executive must not make a decision, about the allocation or management of water in the plan area, that would increase the average volume of water that may be taken in the plan area.
- (2) A decision mentioned in subsection (1) includes a decision about an application for a water licence, made but not decided before the commencement of this plan.
- (3) Subsections (1) and (2) do not apply to a decision—
  - (a) about a water permit; or

- (b) about a water licence for taking or interfering with water only for stock or domestic purposes; or
- (c) to grant a water licence for the purpose of ‘stock intensive’ to replace a water licence for stock purposes, for a cattle feedlot of not more than 49 standard cattle units, in existence immediately before 1 March 1998; or
- (d) about a water licence for associated water under the *Petroleum and Gas (Production and Safety) Act 2004*; or
- (e) about reinstating or replacing an expired water licence; or
- (f) to grant a water licence under section 15(3); or
- (g) to grant a water licence for town water supply purposes mentioned in section 28; or
- (h) to grant a water licence under section 33; or
- (i) about unallocated water, made under division 4; or
- (j) about water sharing rules; or
- (k) required to be made under the resource operations plan.

## **Division 2                      General strategies**

### **11            Limitation on taking or interfering with water—Act, s 20(6)**

- (1) In a management area other than Eastern Downs, Mulgildie or Clarence Moreton, a person may not take or interfere with subartesian water other than—
  - (a) for domestic purposes; or
  - (b) under a water entitlement.
- (2) In the Eastern Downs, Mulgildie and Clarence Moreton management areas, a person may not take or interfere with subartesian water other than—
  - (a) for stock or domestic purposes; or
  - (b) under a water entitlement.

## **12 Protection of springs**

A water licence granted for taking water in the plan area must be consistent with the criteria for the protection of the flow of water to springs and baseflow to watercourses stated in the resource operations plan.

## **Division 3 Mulgildie and Clarence Moreton management areas**

### **13 Continued taking of water in Mulgildie management area authorised**

- (1) An owner of an existing water bore in the Mulgildie management area who, on the commencement of this plan, is using the bore to take artesian or subartesian water for a groundwater-dependent activity may continue to use the bore to take water for the activity—
  - (a) for 2 months after the commencement; and
  - (b) if the owner gives the chief executive notice, in the approved form, of the water bore and the taking of water for the activity—after the notice is given.
- (2) A person who, on the commencement of this plan, is taking artesian or subartesian water in the Mulgildie management area to prevent the water entering a mine may continue to take water—
  - (a) for 2 months after the commencement; and
  - (b) if the person gives the chief executive notice, in the approved form, of the water being taken and the purpose for which it is being taken—after the notice is given.

### **14 Continued taking of water in Clarence Moreton management area authorised**

- (1) An owner of an existing water bore in the Clarence Moreton management area other than the Gatton–Esk Road implementation area who, on the commencement of this plan, is using the bore to take artesian or subartesian water may continue to use the bore to take water.

- (2) A person who, on the commencement, is taking artesian or subartesian water in the Clarence Moreton management area to prevent the water entering a mine may continue to take water.
- (3) An owner of an existing water bore in the Gatton–Esk Road implementation area who, on the commencement of this plan, is using the bore to take artesian or subartesian water for a groundwater-dependent activity may continue to use the bore to take water for the activity—
  - (a) for 6 months after the commencement; and
  - (b) if the owner gives the chief executive notice, in the approved form, of the water bore and the taking of water for the activity—after the notice is given.

## **15 Granting water licences**

- (1) The chief executive must, under section 212 of the Act, grant a water licence to take artesian or subartesian water to a person authorised under section 13 or 14(3) to continue taking water.
- (2) The chief executive may, under section 212 of the Act, grant a water licence to take artesian or subartesian water to a person authorised under section 14(1) or (2) to continue taking water.
- (3) The chief executive may, under section 212 of the Act, grant a water licence to take artesian or subartesian water, for a groundwater-dependent activity, to—
  - (a) an owner of land in the Mulgildie management area who, in the approved form, satisfies the chief executive that the owner had, on 31 March 2005, a commitment to a groundwater-dependent activity; or
  - (b) an owner of land in the Clarence Moreton management area who, in the approved form, satisfies the chief executive that, on 18 August 2005, the owner had—
    - (i) a water bore that allowed taking artesian or subartesian water; and
    - (ii) a commitment to a groundwater-dependent activity.

## **Division 4            General and State reserves**

### **Subdivision 1        Preliminary**

#### **16        Unallocated water held as general or State reserve**

Unallocated water is held as a general or State reserve and dealt with under this division.

#### **17        Granting unallocated water**

Unallocated water may be granted from the general or State reserve under a process in the resource operations plan.

#### **18        Matters chief executive must consider**

- (1) In dealing with unallocated water, the chief executive must consider—
  - (a) the need for, and efficiency of, current and proposed uses of water, including—
    - (i) the extent to which water is being taken under current authorisations in the plan area; and
    - (ii) emerging requirements in the plan area for additional water and the likely timeframe in which the additional water will be required; and
    - (iii) alternative water sources including, for example, recycled water and water savings from improvements in the efficiency of water use; and
  - (b) the availability of an alternative water supply for the purpose for which the water is required; and
  - (c) the impact the proposed taking of, or interfering with, the water may have on—
    - (i) the flow of water to springs or baseflow to watercourses; and
    - (ii) artesian water pressure; and
    - (iii) subartesian water levels; and

- (d) the impact the proposed taking of, or interfering with, the water may have on existing water entitlements and other authorities to take or interfere with water.
- (2) Subsection (1) does not limit the matters the chief executive may consider.

## **19 Decisions about granting unallocated water for particular purposes**

In making a decision about granting unallocated water for a purpose mentioned in section 25(1), the chief executive—

- (a) must consider whether unallocated water is available to be granted from the State reserve for the purpose; and
- (b) if unallocated water is available—may require the person wishing to be granted the water to lodge an application for unallocated water from the State reserve.

## **20 Granting water from general or State reserve**

- (1) The chief executive may require an applicant for water from the general or State reserve to—
- (a) investigate the likely impact the proposed taking of water may have on artesian water pressure or subartesian water levels; and
  - (b) include the results of the investigation with the application.
- (2) If the chief executive grants a water licence for water from the general or State reserve, the chief executive may impose conditions on the licence requiring the holder of the licence to—
- (a) provide and maintain access to alternative water supplies for other persons, authorised under the Act to take water, who would be significantly adversely affected by the granting of the licence; and
  - (b) carry out and report on a stated monitoring program.

## **Subdivision 2      General reserve**

### **21      Application of sdiv 2**

This subdivision applies to unallocated water that is held as a general reserve.

### **22      Limitation on volume of unallocated water granted**

- (1) The total of the volumetric limits, for water licences for water granted from the general reserve in a management area mentioned in schedule 5, column 1, is stated opposite the management area in schedule 5, column 2.
- (2) In granting water from a management area mentioned in schedule 5, column 1, the chief executive must, as far as is practicable, grant the water—
  - (a) from the management units mentioned in schedule 5, column 3 opposite the management area; and
  - (b) for each management unit, in the volume mentioned opposite the management unit in schedule 5, column 4.

### **23      Limitation on use of unallocated water granted**

A water licence for water granted under this subdivision for irrigation in the plan area of the *Water Resource (Cooper Creek) Plan 2000* may allow irrigating only—

- (a) an area of not more than 10ha of crops for feeding stock;  
or
- (b) an area of not more than 2ha of horticultural crops.

## **Subdivision 3      State reserve**

### **24      Application of sdiv 3**

This subdivision applies to unallocated water that is held as a State reserve.

**25 Limitation on purpose for granting unallocated water**

- (1) Unallocated water may be granted from the State reserve only for the following purposes—
  - (a) a project of State significance;
  - (b) a project of regional significance;
  - (c) for water granted to a local government—town water supply purposes.
- (2) Water granted for a project is granted only for the life of the project and the right to take the water returns to the State on the conclusion of the project.

**26 Limitation on volume of unallocated water granted**

The total of the volumetric limits, for water licences for water granted from the State reserve, is 10000ML.

**Division 5 Resource operations plan****27 Details of water licences in resource operations plan**

The resource operations plan may state details of water licences to be granted to the persons mentioned in section 15.

**28 Water licences for town water supply purposes**

- (1) This section applies to water being taken for town water supply purposes on the commencement of this plan.
- (2) The chief executive must, under section 212 of the Act, grant the water licences stated in the resource operations plan to the local governments stated in the plan to allow the continued taking of the water.
- (3) The licences must state a volumetric limit decided by the chief executive having regard to the following—
  - (a) the number of lots in the town area;
  - (b) the part of the plan area in which the town is situated;

- (c) other existing or alternative supplies of water for the town.
- (4) However, if the water is being taken under an authority under the Act that states a volume that may be taken, the volumetric limit stated must be the greater of—
  - (a) the stated volume; or
  - (b) the volumetric limit decided by the chief executive under subsection (3).
- (5) Subsection (3) does not limit the matters the chief executive may consider.

## **29 Granting water from general reserve**

- (1) The process in the resource operations plan for granting water from the general reserve may include the selection, by auction or tender, of persons eligible to be granted a water licence.
- (2) The resource operations plan must state that use, for irrigation, of water taken under the water licence requires an approved land and water management plan.

## **30 Granting water from State reserve**

The resource operations plan may state the management areas and management units in which water may be granted from the State reserve.

## **31 Criteria for protection of flow of water to springs and baseflow to watercourses**

- (1) The resource operations plan must contain criteria for protection of the flow of water to springs and baseflow to watercourses.
- (2) The criteria may include the maximum acceptable reduction of artesian water pressure or subartesian water levels at stated distances from the springs or parts of watercourses mentioned in subsection (1).

## **Division 6                      Miscellaneous provisions**

### **32            Consultation with other States**

- (1) Subsection (2) applies if—
  - (a) the chief executive proposes to make a decision about the grant or amendment of a water licence; and
  - (b) the decision could have an adverse impact on artesian water pressure or subartesian water levels at the border of Queensland and another State.
- (2) The chief executive must consult with the other State before making the decision.

### **33            Water licence to replace particular authority to take water—Act, s 212**

- (1) The chief executive may, under section 212 of the Act, grant a water licence to take or continue to take water that could have been taken under an authority under the Act or the repealed Act, in existence on 19 February 2005.
- (2) In this section—

*authority under the Act or the repealed Act* includes correspondence from the department recording the chief executive's intention to grant a water licence allowing the taking of water.

### **34            Amendment of water licences to state volumetric limit**

- (1) This section applies to a water licence to take water in the plan area that does not state a maximum volume of water that may be taken under the licence.
- (2) The chief executive must, during the period this plan is in force, amend the licence, under section 217 of the Act, to state a volumetric limit.
- (3) In deciding the volumetric limit, the chief executive must have regard to the following—
  - (a) the conditions of the licence;

- (b) the efficiency of the current use of water having regard to industry best practice in efficient water use;
  - (c) the impact the taking is having on—
    - (i) the flow of water to springs or baseflow to watercourses; and
    - (ii) artesian water pressure; and
    - (iii) subartesian water levels;
  - (d) the sustainable management of water in the management unit to which the licence relates;
  - (e) the impact the taking is having on existing water entitlements and other authorities to take or interfere with water;
  - (f) the availability of an alternative water supply for the purpose for which the water is being taken.
- (4) Subsection (3) does not limit the matters the chief executive may consider.
- (5) A water licence, in not stating a maximum volume of water that may be taken, is not inconsistent with this plan if the licence is only—
- (a) for stock or domestic purposes; or
  - (b) to lower water levels to prevent water entering a mine; or
  - (c) for associated water under the *Petroleum and Gas (Production and Safety) Act 2004*.

### **35 Relationship with Integrated Planning Act 1997**

- (1) In a management area other than Eastern Downs, Mulgildie or Clarence Moreton—
- (a) works for taking subartesian water are assessable development under the *Integrated Planning Act 1997*, schedule 8, part 1, table 4, item 3(c)(ii); and
  - (b) works replacing works, mentioned in paragraph (a), for which a development permit is held or, under section 1048A of the Act, taken to be held, are self-assessable

development under the *Integrated Planning Act 1997*, schedule 8, part 2, table 4, item 1(b)(ii).

- (2) In the Eastern Downs, Mulgildie and Clarence Moreton management areas—
  - (a) works for taking subartesian water for other than stock or domestic purposes are assessable development under the *Integrated Planning Act 1997*, schedule 8, part 1, table 4, item 3(c)(ii); and
  - (b) works replacing works, mentioned in paragraph (a), for which a development permit is held or, under section 1048A of the Act, taken to be held, are self-assessable development under the *Integrated Planning Act 1997*, schedule 8, part 2, table 4, item 1(b)(ii); and
  - (c) works for taking subartesian water for stock or domestic purposes are self-assessable development under the *Integrated Planning Act 1997*, schedule 8, part 2, table 4, item 1(b)(ii).

### **36 Measuring devices**

- (1) A measuring device must be used to measure the volume of water taken, other than for stock or domestic purposes, under a water licence in the plan area.
- (2) Subsection (1) applies—
  - (a) on the day a regulation, prescribing the matters mentioned in section 1014(2)(d) of the Act in relation to meters, commences; and
  - (b) in the circumstances mentioned in the regulation.

## **Part 5 Monitoring and reporting requirements**

### **37 Monitoring**

- (1) The monitoring requirements for this plan are—

- (a) monitoring artesian water pressure and subartesian water levels; and
  - (b) monitoring the flow of water to springs and baseflow to watercourses; and
  - (c) monitoring water use.
- (2) The monitoring requirements are to be achieved by—
- (a) monitoring programs administered by relevant State agencies; and
  - (b) if a water licence requires the holder of the licence to carry out a monitoring program—the program carried out by the holder.

### **38 Minister's report on plan—Act, s 53**

The Minister's report on this plan must be prepared—

- (a) for the first report—for the financial year in which the resource operations plan commences; and
- (b) for subsequent reports—for each financial year this plan is in force; and
- (c) for each report—within 6 months after the end of the financial year to which the report relates.

### **39 Review of plan**

- (1) After the Minister's fifth report, for a financial year, on this plan, the Minister must assess whether to act under section 55 of the Act to amend or replace this plan.
- (2) In making the assessment under subsection (1), the Minister must have regard to any new information the Minister holds, including information from monitoring programs and the measurement of water use.

## **Part 6**                      **Implementing and amending this plan**

### **40**      **Implementation schedule**

The proposed arrangement for implementing this plan is to prepare the resource operations plan within 6 months after the commencement of this plan.

### **41**      **Stated amendment of plan—Act, s 56(4)**

An amendment to vary the volume of water that may be granted from the general or State reserve may be made to this plan under section 56(4) of the Act.

### **42**      **Minor or stated amendments of plan—Act, 57(b)**

Minor amendments of the boundaries of management areas may be made to this plan under section 57(b) of the Act.

## **Part 7**                      **Amendments of other water resource plans**

### **Division 1**                      **Amendment of Water Resource (Border Rivers) Plan 2003**

#### **43**      **Water resource plan amended in div 1**

This division amends the *Water Resource (Border Rivers) Plan 2003*.

#### **44**      **Replacement of s 8 (Water to which plan applies)**

Section 8—  
*omit, insert—*

**‘8 Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

## **Division 2                      Amendment of Water Resource (Burnett Basin) Plan 2000**

**45 Water resource plan amended in div 2**

This division amends the *Water Resource (Burnett Basin) Plan 2000*.

**46 Replacement of s 5 (Water to which plan applies)**

Section 5—

*omit, insert—*

**‘5 Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

**Division 3**                      **Amendment of Water Resource  
(Condamine and Balonne) Plan  
2004**

**47**      **Water resource plan amended in div 3**

This division amends the *Water Resource (Condamine and Balonne) Plan 2004*.

**48**      **Replacement of s 8 (Water to which plan applies)**

Section 8—

*omit, insert—*

**‘8**      **Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

**Division 4**                      **Amendment of Water Resource  
(Cooper Creek) Plan 2000**

**49**      **Water resource plan amended in div 4**

This division amends the *Water Resource (Cooper Creek) Plan 2000*.

**50 Amendment of s 3 (Definitions)**

Section 3, definition *recharge area*—  
*omit.*

**51 Replacement of s 5 (Water to which plan applies)**

Section 5—  
*omit, insert—*

**‘5 Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse;
- (b) subartesian water not connected to artesian water and hydraulically connected to a watercourse.’.

**52 Amendment of s 13 (Restriction on purpose for which licence or permit may be issued)**

Section 13(2)—  
*omit.*

**53 Amendment of s 16 (Restriction on issuing licence or permit to take or use underground water)**

Section 16, ‘underground’—  
*omit, insert—*  
‘subartesian’.

**54 Amendment of s 18 (Criteria for deciding licence and permit applications and imposing conditions on licences and permits)**

Section 18(1)(f), ‘underground’—  
*omit, insert—*  
‘subartesian’.

**55 Omission of sch 1 (Great Artesian Basin recharge areas)**

Schedule 1—

*omit.***Division 5                   Amendment of Water Resource  
(Fitzroy Basin) Plan 1999****56       Water resource plan amended in div 5***This division amends the Water Resource (Fitzroy Basin) Plan 1999.***57       Replacement of s 8 (Water to which this plan applies)**

Section 8—

*omit, insert—***‘8       Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

## **Division 6                      Amendment of Water Resource (Georgina and Diamantina) Plan 2004**

### **58            Water resource plan amended in div 6**

This division amends the *Water Resource (Georgina and Diamantina) Plan 2004*.

### **59            Replacement of s 6 (Water to which plan applies)**

Section 6—

*omit, insert—*

#### **‘6            Water to which plan applies**

‘(1) This plan applies to the following water in the plan area—

- (a) surface water;
- (b) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) hydraulically-linked subartesian water not connected to artesian water.

‘(2) In subsection (1)—

*surface water* means the following—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

## **Division 7                      Amendment of Water Resource (Moonie) Plan 2003**

### **60        Water resource plan amended in div 7**

This division amends the *Water Resource (Moonie) Plan 2003*.

### **61        Replacement of s 8 (Water to which plan applies)**

Section 8—

*omit, insert—*

### **‘8        Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

## **Division 8                      Amendment of Water Resource (Warrego, Paroo, Bulloo and Nebine) Plan 2003**

### **62        Water resource plan amended in div 8**

This division amends the *Water Resource (Warrego, Paroo, Bulloo and Nebine) Plan 2003*.

### **63        Replacement of s 8 (Water to which plan applies)**

Section 8—

*omit, insert—*

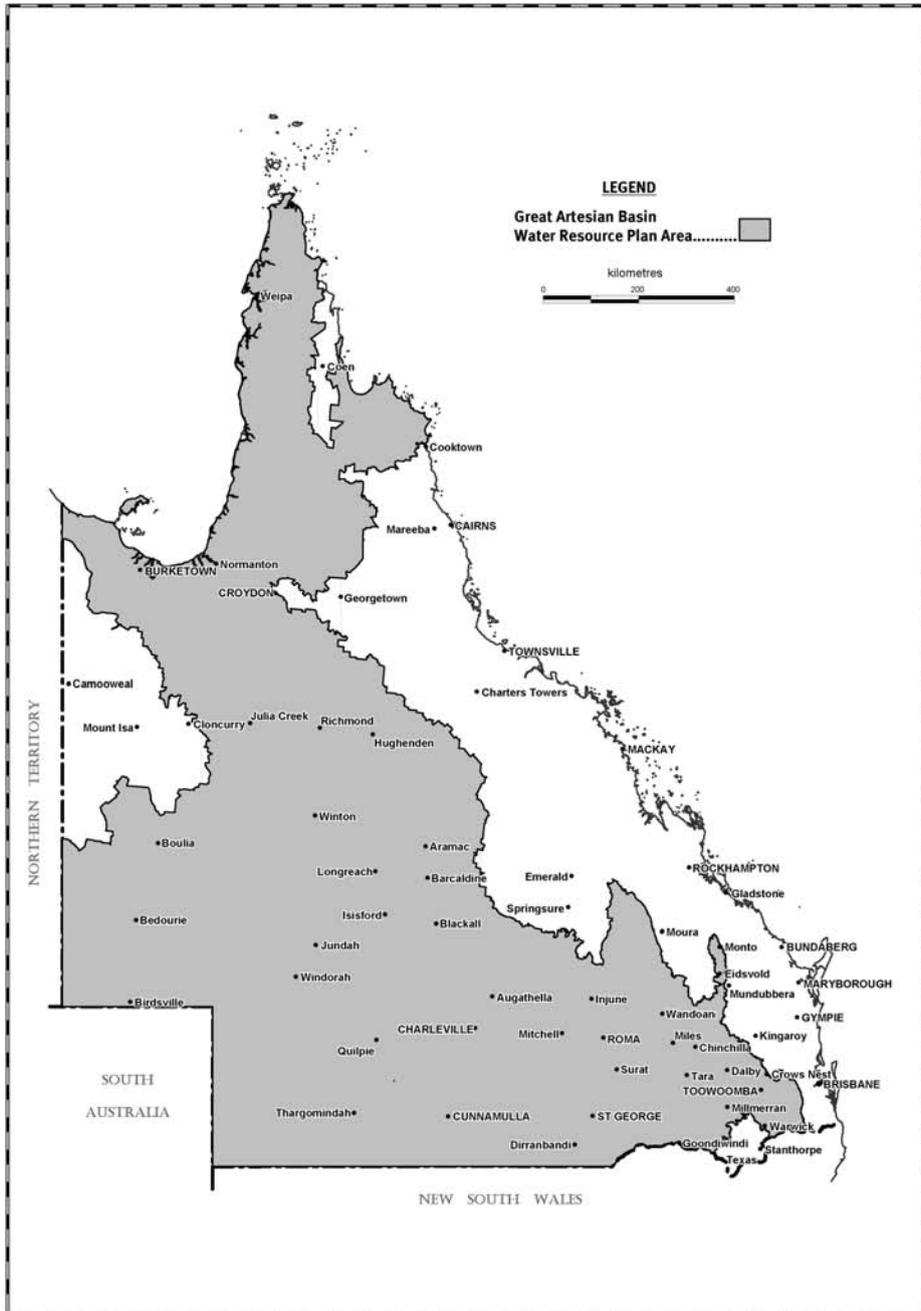
**‘8 Water to which plan applies**

‘This plan applies to the following water in the plan area—

- (a) water in a watercourse or lake;
- (b) water in springs not connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water;
- (c) overland flow water, other than water in springs connected to—
  - (i) artesian water; or
  - (ii) subartesian water connected to artesian water.’.

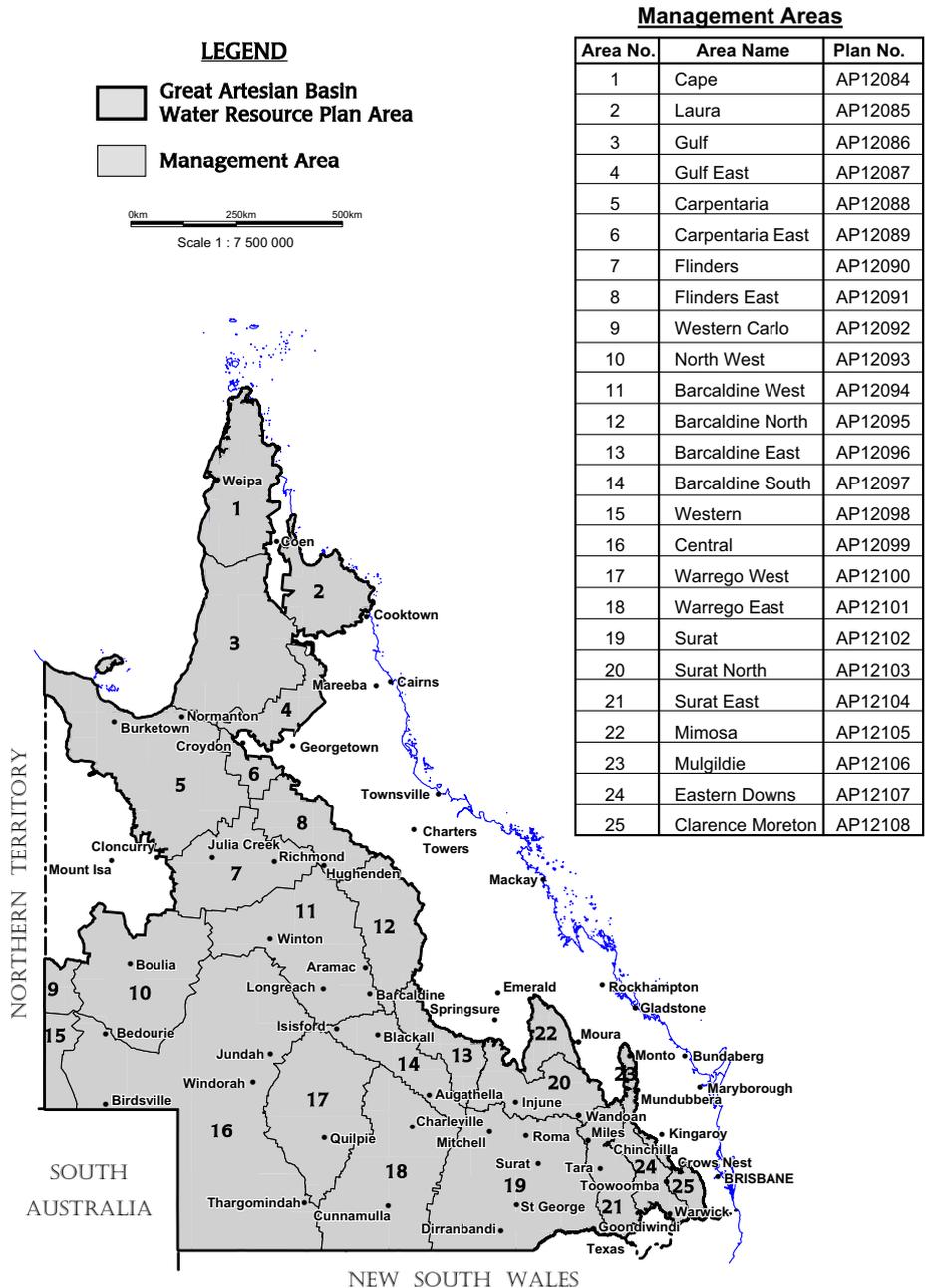
# Schedule 1 Plan area

section 4



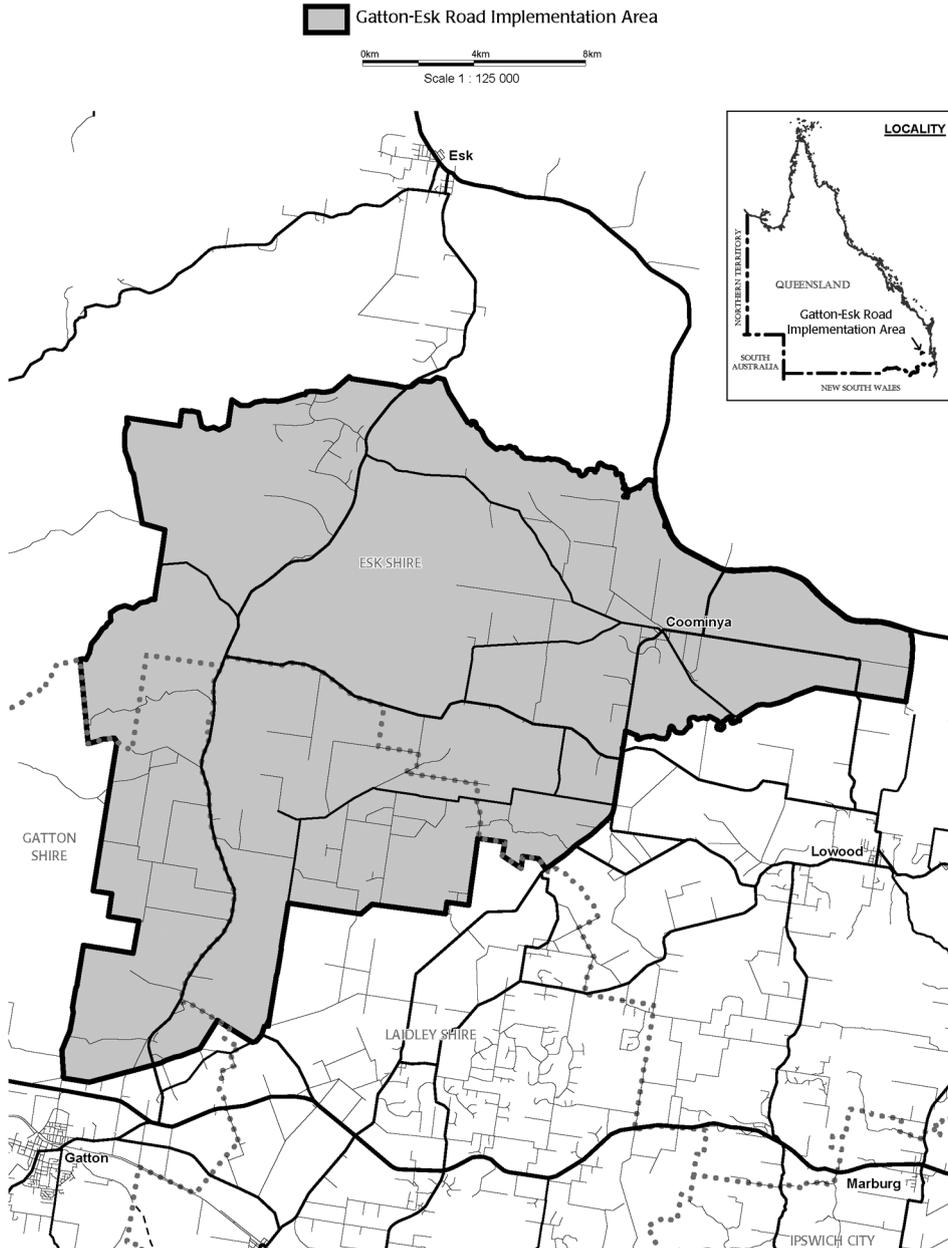
# Schedule 2 Management areas

section 5(1)



# Schedule 3 Gatton–Esk Road implementation area

sch 6, definition *Gatton–Esk Road implementation area*



## Schedule 4 Management areas and management units

section 5

Column 1	Column 2	Column 3
Management areas	Management units	Aquifers
Barcaldine East	Barcaldine East 1	Westbourne Formation Adori Sandstone Birkhead Formation
	Barcaldine East 2	Hutton Sandstone Evergreen Formation Boxvale Sandstone Member
	Barcaldine East 3	Precipice Sandstone
	Barcaldine East 4	Moolayember Formation Warang Sandstone Clematis Sandstone Rewan Formation
Barcaldine North	Barcaldine North 1	Wallumbilla Formation
	Barcaldine North 2	Cadna-owie Formation Wyandra Sandstone Member Hooray Sandstone Westbourne Formation Adori Sandstone Birkhead Formation Ronlow Beds Hutton Sandstone
	Barcaldine North 3	Moolayember Formation Clematis Sandstone

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Barcaldine South	Barcaldine South 1	Toolebuc Formation Wallumbilla Formation
	Barcaldine South 2	Cadna-owie Formation Wyandra Sandstone Member Hooray Sandstone
	Barcaldine South 3	Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group
	Barcaldine South 4	Hutton Sandstone Evergreen Formation Boxvale Sandstone Member
	Barcaldine South 5	Precipice Sandstone
	Barcaldine South 6	Moolayember Formation Clematis Sandstone
Barcaldine West	Barcaldine West 1	Toolebuc Formation Wallumbilla Formation
	Barcaldine West 2	Cadna-owie Formation Wyandra Sandstone Member Hooray Sandstone
	Barcaldine West 3	Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group
	Barcaldine West 4	Hutton Sandstone
	Barcaldine West 5	Moolayember Formation Clematis Sandstone
Cape	Cape 1	Helby Beds Gilbert River Formation Garraway Beds

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Carpentaria	Carpentaria 1	Toolebuc Formation Wallumbilla Formation
	Carpentaria 2	Gilbert River Formation Eulo Queen Group
Carpentaria East	Carpentaria East 1	Toolebuc Formation Wallumbilla Formation
	Carpentaria East 2	Gilbert River Formation Eulo Queen Group

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Central	Central 1	Toolebuc Formation Ranmoor Member Jones Valley Member Coreena Member Doncaster Member Wallumbilla Formation
	Central 2	Cadna-owie Formation Wyandra Sandstone Member
	Central 3	Hooray Sandstone Murta Formation McKinlay Member Namur Sandstone
	Central 4	Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group
	Central 5	Hutton Sandstone Evergreen Formation Boxvale Sandstone Member
	Central 6	Poolowanna Formation
	Central 7	Moolayember Formation Warang Sandstone Clematis Sandstone Rewan Formation
Clarence Moreton	Clarence Moreton 1	Walloon Coal Measures
	Clarence Moreton 2	Marburg Sandstone
	Clarence Moreton 3	Helidon Sandstone
Eastern Downs	Eastern Downs 1	Walloon Coal Measures
	Eastern Downs 2	Marburg Sandstone
	Eastern Downs 3	Helidon Sandstone

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Flinders	Flinders 1	Toolebuc Formation Wallumbilla Formation
	Flinders 2	Cadna-owie Formation Wyandra Sandstone Member Hooray Sandstone Gilbert River Formation
	Flinders 3	Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group
	Flinders 4	Hutton Sandstone
	Flinders 5	Moolayember Formation Clematis Sandstone
Flinders East	Flinders East 1	Toolebuc Formation Wallumbilla Formation
	Flinders East 2	Cadna-owie Formation Wyandra Sandstone Member Hooray Sandstone Gilbert River Formation
	Flinders East 3	Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group Eulo Queen Group
	Flinders East 4	Hutton Sandstone Ronlow Beds
	Flinders East 5	Moolayember Formation Clematis Sandstone Warang Sandstone

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Gulf	Gulf 1	Wyaaba Beds
	Gulf 2	Bulimba Formation
	Gulf 3	Rolling Downs Group
	Gulf 4	Gilbert River Formation
Gulf East	Gulf East 1	Wyaaba Beds
	Gulf East 2	Bulimba Formation
	Gulf East 3	Rolling Downs Group
	Gulf East 4	Gilbert River Formation
Laura	Laura 1	Rolling Downs Group
	Laura 2	Gilbert River Formation Dalrymple Sandstone
Mimosa	Mimosa 1	Moolayember Formation Clematis Sandstone Rewan Formation
Mulgildie	Mulgildie 1	Hutton Sandstone Evergreen Formation
	Mulgildie 2	Precipice Sandstone
North-West	North-West 1	Wallumbilla Formation
	North-West 2	Hooray Sandstone Westbourne Formation Adori Sandstone Birkhead Formation Injune Creek Group Hutton Sandstone Evergreen Formation Boxvale Sandstone Member Longsight Sandstone

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Surat	Surat 1	Surat Siltstone Coreena Member Doncaster Member Wallumbilla Formation
	Surat 2	Wyandra Sandstone Member Bungil Formation Minmi Member Nullawart Sandstone Member Kingill Member
	Surat 3	Mooga Sandstone
	Surat 4	Oralla Formation Gubberamunda Sandstone
	Surat 5	Westbourne Formation Springbok Sandstone Birkhead Formation Walloon Coal Measures Eurombah Formation
	Surat 6	Hutton Sandstone Evergreen Formation Boxvale Sandstone Member
	Surat 7	Precipice Sandstone
	Surat 8	Moolayember Formation Clematis Sandstone Rewan Formation

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Surat East	Surat East 1	Kumbarilla Beds
	Surat East 2	Walloon Coal Measures
	Surat East 3	Hutton Sandstone Evergreen Formation
	Surat East 4	Precipice Formation
	Surat East 5	Moolayember Formation Clematis Sandstone
Surat North	Surat North 1	Westbourne Formation Springbok Sandstone Walloon Coal Measures Eurombah Formation
	Surat North 2	Hutton Sandstone Evergreen Formation
	Surat North 3	Precipice Formation
	Surat North 4	Moolayember Formation Clematis Sandstone

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Warrego East	Warrego East 1	Toolebuc Formation Ranmoor Member Jones Valley Member Coreena Member Doncaster Member Wallumbilla Formation
	Warrego East 2	Cadna-owie Formation Wyandra Sandstone Member
	Warrego East 3	Hooray Sandstone Murta Formation McKinlay Member Namur Sandstone
	Warrego East 4	Westbourne Formation Adori Sandstone Birkhead Formation
	Warrego East 5	Hutton Sandstone Evergreen Formation
	Warrego East 6	Precipice Sandstone
	Warrego East 7	Moolayember Formation Warang Sandstone Clematis Sandstone Rewan Formation

## Schedule 4 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Management areas</b>	<b>Management units</b>	<b>Aquifers</b>
Warrego West	Warrego West 1	Toolebuc Formation Ranmoor Member Jones Valley Member Coreena Member Doncaster Member Wallumbilla Formation
	Warrego West 2	Cadna-owie Formation Wyandra Sandstone Member
	Warrego West 3	Hooray Sandstone Murta Formation McKinlay Member Namur Sandstone
	Warrego West 4	Westbourne Formation Adori Sandstone Birkhead Formation
	Warrego West 5	Hutton Sandstone Evergreen Formation
	Warrego West 6	Poolowanna Formation
	Warrego West 7	Moolayember Formation Warang Sandstone Clematis Sandstone Rewan Formation
Western	Western 1	Wallumbilla Formation
	Western 2	Algebuckina Sandstone
Western Carlo	Western Carlo 1	Algebuckina Sandstone

## Schedule 5      General reserve

section 21

Column 1	Column 2	Column 3	Column 4
Management area	Volume	Management unit	Volume
Barcaldine East	0 ML	Barcaldine East 1 Barcaldine East 2 Barcaldine East 3 Barcaldine East 4	0 ML 0 ML 0 ML 0 ML
Barcaldine North	500 ML	Barcaldine North 1 Barcaldine North 2 Barcaldine North 3	0 ML 500 ML 0 ML
Barcaldine South	1500 ML	Barcaldine South 1 Barcaldine South 2 Barcaldine South 3 Barcaldine South 4 Barcaldine South 5 Barcaldine South 6	0 ML 0 ML 500 ML 500 ML 500 ML 0 ML
Barcaldine West	3000 ML	Barcaldine West 1 Barcaldine West 2 Barcaldine West 3 Barcaldine West 4 Barcaldine West 5	0 ML 500 ML 1000 ML 1000 ML 500 ML
Cape	100 ML	Cape 1	100 ML
Carpentaria	400 ML	Carpentaria 1 Carpentaria 2	100 ML 300 ML
Carpentaria East	0 ML	Carpentaria East 1 Carpentaria East 2	0 ML 0 ML

## Schedule 5 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>	<b>Column 4</b>
<b>Management area</b>	<b>Volume</b>	<b>Management unit</b>	<b>Volume</b>
Central	1000 ML	Central 1 Central 2 Central 3 Central 4 Central 5 Central 6 Central 7	0 ML 0 ML 1000 ML 0 ML 0 ML 0 ML 0 ML
Clarence Moreton	0 ML	Clarence Moreton 1 Clarence Moreton 2 Clarence Moreton 3	0 ML 0 ML 0 ML
Eastern Downs	0 ML	Eastern Downs 1 Eastern Downs 2 Eastern Downs 3	0 ML 0 ML 0 ML
Flinders	2000 ML	Flinders 1 Flinders 2 Flinders 3 Flinders 4 Flinders 5	0 ML 0 ML 1000 ML 1000 ML 0 ML
Flinders East	100 ML	Flinders East 1 Flinders East 2 Flinders East 3 Flinders East 4 Flinders East 5	0 ML 100 ML 0 ML 0 ML 0 ML
Gulf	1100 ML	Gulf 1 Gulf 2 Gulf 3 Gulf 4	0 ML 100 ML 500 ML 500 ML
Gulf East	0 ML	Gulf East 1 Gulf East 2 Gulf East 3 Gulf East 4	0 ML 0 ML 0 ML 0 ML
Laura	500 ML	Laura 1 Laura 2	0 ML 500 ML

## Schedule 5 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>	<b>Column 4</b>
<b>Management area</b>	<b>Volume</b>	<b>Management unit</b>	<b>Volume</b>
Mimosa	500 ML	Mimosa 1	500 ML
Mulgildie	0 ML	Mulgildie 1 Mulgildie 2	0 ML 0 ML
North West	500 ML	North West 1 North West 2	0 ML 500 ML
Surat	5000 ML	Surat 1 Surat 2 Surat 3 Surat 4 Surat 5 Surat 6 Surat 7 Surat 8	0 ML 0 ML 0 ML 0 ML 0 ML 3000 ML 2000 ML 0 ML
Surat East	2000 ML	Surat East 1 Surat East 2 Surat East 3 Surat East 4 Surat East 5	0 ML 0 ML 1000 ML 1000 ML 0 ML
Surat North	200 ML	Surat North 1 Surat North 2 Surat North 3 Surat North 4	0 ML 100 ML 100 ML 0 ML
Warrego East	4000 ML	Warrego East 1 Warrego East 2 Warrego East 3 Warrego East 4 Warrego East 5 Warrego East 6 Warrego East 7	0 ML 0 ML 1000 ML 1000 ML 1000 ML 1000 ML 0 ML

## Schedule 5 (continued)

<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>	<b>Column 4</b>
<b>Management area</b>	<b>Volume</b>	<b>Management unit</b>	<b>Volume</b>
Warrego West	1000 ML	Warrego West 1	0 ML
		Warrego West 2	0 ML
		Warrego West 3	1000 ML
		Warrego West 4	0 ML
		Warrego West 5	0 ML
		Warrego West 6	0 ML
		Warrego West 7	0 ML
Western	0 ML	Western 1	0 ML
		Western 2	0 ML
Western Carlo	0 ML	Western Carlo 1	0 ML

## Schedule 6 Dictionary

### section 3

**baseflow**, to a watercourse, means the natural discharge of artesian or subartesian water into the watercourse.

**commitment**, in relation to a groundwater-dependent activity, means—

- (a) if a tree clearing permit is required under the *Vegetation Management Act 1999* for the activity—a permit has been granted; and
- (b) either—
  - (i) infrastructure for taking or distributing groundwater has been constructed; or
  - (ii) a financial commitment to the construction of the infrastructure has been made; or
  - (iii) local or State government requirements for carrying out the activity have been satisfied, for example, a development permit for the activity is held.

*Example of financial commitment—*

A loan has been granted for the activity on the basis that irrigation would be permitted.

**existing water bore**—

- 1 *Existing water bore* means a water bore that—
  - (a) allows taking artesian or subartesian water; and
  - (b) was in existence on—
    - (i) for the Mulgildie management area—13 May 2005; or
    - (ii) for the part of the Clarence Moreton management area mentioned in the moratorium notice published on 24 March 2005—18 August 2005; or

### Schedule 6 (continued)

(iii) for the remainder of the Clarence Moreton management area—on the commencement of this plan.

2 The term does not include a water bore that allows taking artesian or subartesian water only for stock or domestic purposes.

*Note—*

See section 20 (Authorised taking of water without water entitlement) of the Act.

***Gatton–Esk Road implementation area*** see schedule 3.

***Great Artesian Basin Sustainability Initiative*** means the agreement between the State and the Commonwealth to subsidise the repair of uncontrolled bores and replace bore drains with piped distribution systems.

***groundwater-dependent activity*** means an activity that uses artesian or subartesian water, for example, growing a crop requiring irrigation, the commercial production of animals or a commercial or industrial enterprise.

***lot*** means—

- (a) a lot under the *Land Title Act 1994*; or
- (b) a separate, distinct parcel of land for which an interest is recorded in a register under the *Land Act 1994*.

***management area*** see section 5.

***management unit*** see section 5.

***plan area*** means the area shown as the plan area on the map in schedule 1.

***project of regional significance*** means a project the Coordinator-General, having regard to the matters mentioned in the *State Development and Public Works Organisation Act 1971*, section 27, decides is a project of regional significance for the purposes of this plan.

***project of State significance*** means a project declared under the *State Development and Public Works Organisation Act 1971* to be a significant project.

### Schedule 6 (continued)

***resource operations plan*** means the resource operations plan to implement this plan.

***this plan*** means this water resource plan.

***volumetric limit***, for a water licence, has the same meaning as *volumetric limit* has in the Act, section 120B, for a water allocation.

***works replacing works*** means works that, in relation to the works being replaced, are a replacement bore within the meaning of the Code for Self-assessable Development of Replacement Bores.

*Note—*

A copy of the code is available on the department's website.

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### ENDNOTES

- 1 Approved by the Governor in Council on 30 March 2006.
- 2 Notified in the gazette on 31 March 2006.
- 3 Laid before the Legislative Assembly on . . .
- 4 The administering agency is the Department of Natural Resources, Mines and Water.