



Queensland

Water Resource Plans Amendment Plan (No. 1) 2014

Subordinate Legislation 2014 No. 142

made under the

Water Act 2000

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[s 1]

Part 1 Preliminary

1 Short title

This water resource plan may be cited as the *Water Resource Plans Amendment Plan (No. 1) 2014*.

Part 2 Amendment of Water Resource (Baffle Creek Basin) Plan 2010

2 Plan amended

This part amends the *Water Resource (Baffle Creek Basin) Plan 2010*.

3 Amendment of s 18 (Decisions are not to increase amount of water taken)

(1) Section 18(2)(e)—

omit.

(2) Section 18(2)(f)—

renumber as section 18(2)(e).

4 Omission of s 19 (Measuring devices)

Section 19—

omit.

5 Omission of ch 5, pt 2, div 1 (Continued moratorium and interim arrangements for applications)

Chapter 5, part 2, division 1—

omit.

- 6 Omission of ch 5, pt 4 (Replacing authorities and granting water licences)**
Chapter 5, part 4—
omit.
- 7 Amendment of s 41 (Elements of water licences to take water from watercourse, lake or spring)**
Section 41(2), from ‘a water’ to ‘40 or’—
omit.
- 8 Omission of ch 5, pt 5, div 1, hdg (Form of water licences to take water from watercourse, lake or spring)**
Chapter 5, part 5, division 1, heading—
omit.
- 9 Omission of ch 5, pt 5, div 2 (Criteria for amending existing water entitlements to achieve plan outcomes)**
Chapter 5, part 5, division 2—
omit.
- 10 Replacement of ch 6 (Monitoring and reporting requirements)**
Chapter 6—
omit, insert—

Chapter 6 Monitoring and reporting requirements

56 Monitoring requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

57 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

11 Replacement of ch 7, hdg (Implementing and amending this plan)

Chapter 7, heading—

omit, insert—

Chapter 7 Amending this plan

12 Omission of s 58 (Implementation schedule)

Section 58—

omit.

13 Amendment of s 59 (Minor or stated amendment of plan—Act, s 57)

Section 59(e)—

omit.

14 Omission of schs 6 to 8

Schedules 6 to 8—

omit.

15 Amendment of sch 9 (Dictionary)

Schedule 9, definition *existing overland flow works*, paragraph (c), ‘mentioned in section 20(1)’—

omit, insert—

published on 16 July 2004 and amended on 27 September 2008

21 Omission of pt 5, div 5, sdiv 2 (Supplemented water)

Part 5, division 5, subdivision 2—

omit.

22 Replacement of s 37 (Elements of water allocation to take unsupplemented water)

Section 37—

omit, insert—

37 Elements of water allocation to take unsupplemented water

A water allocation to take unsupplemented water must state the following—

- (a) the annual volumetric limit for the allocation;
- (b) for a water allocation to take unsupplemented water in subcatchment area C—the seasonal volumetric limit for the allocation;
- (c) the daily volumetric limit for the allocation;
- (d) the maximum rate at which water may be taken under the allocation;
- (e) the flow conditions under which water may be taken.

23 Omission of s 40 (Monthly volumetric limits)

Section 40—

omit.

24 Replacement of s 44 (Elements of water licence)

Section 44—

omit, insert—

[s 25]

44 Elements of water licence

A water licence to take unsupplemented water must state each of the following—

- (a) the purpose for which water may be taken under the licence;
- (b) the nominal entitlement for the licence;
- (c) for a water licence to take water in subcatchment area C or H—the seasonal volumetric limit for the licence;
- (d) the daily volumetric limit for the licence;
- (e) the maximum rate at which water may be taken under the licence;
- (f) if a condition applies to the licence, including, for example, a flow condition under which water may be taken or a condition about storing water taken under the licence—the condition.

25 Replacement of ss 45B—46

Sections 45B to 46—

omit, insert—

45B Daily volumetric limit

The daily volumetric limit to take unsupplemented water under a water licence is the daily volumetric limit mentioned in section 40A or decided by the chief executive under that section as if the water licence were a water allocation.

46 Maximum rates for taking unsupplemented water

The maximum rate at which unsupplemented water may be taken under a water licence is the maximum rate mentioned in section 41 or decided by the chief

executive under that section as if the water licence were a water allocation.

26 Replacement of pt 7 (Monitoring and reporting requirements)

Part 7—

omit, insert—

Part 7 Monitoring and reporting requirements

58 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

27 Replacement of s 63 (Minister's report on plan—Act, s 53)

Section 63—

omit, insert—

63 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and

[s 28]

- (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister’s report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

28 Amendment of sch 5 (Environmental flow objectives)

- (1) Schedule 5, part 1—

omit, insert—

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1, other than node 8, minimise the extent to which the 50% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in less than 35% of the days in each water flow season for the simulation period.
- 2 At nodes 3, 11 and 12, mentioned in table 1, column 1, minimise the extent to which the 50% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in more than 65% of the days in each water flow season for the simulation period.

Table 1

Column 1	Column 2	Column 3	Column 4
Node	January–April 50% daily flow	May–August 50% daily flow	September–December 50% daily flow
3	1340	672	353
6	392	211	102
7	307	166	81
8	122	47	7
10	169	13	2
11	842	10	0
12	64	0	0

- 3 At each node mentioned in table 2, column 1, the percentage of the total number of days in the water flow season in the simulation period that the 50% daily flow stated for the water flow season for the node in table 1 is equalled or exceeded be at least the percentage stated in table 2.

Table 2

Column 1	Column 2	Column 3	Column 4
Node	January–April	May–August	September–December
1	37%	38%	15%
2	36%	37%	15%
4	22%	30%	10%
5	10%	25%	7%
9	34%	17%	6%

[s 28]

- 4 At node 8, the 50% daily flow be at least the flow stated for each water flow season in table 1 between 49% and 50% of the total number of days in the water flow season in the simulation period.

- 5 At each node mentioned in table 3, column 1, other than node 8, minimise the extent to which the 90% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in less than 75% of the days in each water flow season for the simulation period.

Table 3

Column 1	Column 2	Column 3	Column 4
Node	January–April 90% daily flow	May–August 90% daily flow	September–December 90% daily flow
3	320	314	176
6	94	82	44
7	74	65	35
8	4	15	1
10	4	2	0
11	8	0	0
12	0	0	0

- 6 At each node mentioned in table 4, column 1, the percentage of the total number of days in the water flow season in the simulation period that the 90% daily flow stated for the water flow season for the node in table 3 is equalled or exceeded be at least the percentage stated in table 4.

Table 4

Column 1	Column 2	Column 3	Column 4
Node	January–April	May–August	September–December
1	74%	57%	30%
2	71%	56%	50%
4	50%	43%	35%
5	13%	38%	32%
9	59%	24%	8%

- 7 At node 8, the 90% daily flow be at least the flow stated for each water flow season in table 3 between 89% and 90% of the total number of days in the water flow season in the simulation period.

- 8 At each node mentioned in table 5, column 1, the percentage of the total number of days in the simulation period on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

Table 5

Column 1	Column 2
Node	Minimum–Maximum percentage
1	0–1
2	0–1
3	0–1
4	0–1
5	0–1
6	0–1

[s 28]

Column 1	Column 2
Node	Minimum–Maximum percentage
7	0–1
8	0–14
9	0–1
10	5–25
11	26–46
12	0–63

- 9 At each node mentioned in table 6, column 1—
- (a) minimise the extent to which the number of periods of no flow of at least 1 month but less than 3 months in the simulation period are less than the minimum or more than the maximum number stated for the node in column 2 of the table; and
 - (b) minimise the extent to which the number of periods of no flow of at least 3 months in the simulation period are less than the minimum or more than the maximum number stated for the node in column 3 of the table.

Table 6

Column 1	Column 2	Column 3
Node	Minimum–maximum number	Minimum–maximum number
10	23–29	2–4
11	82–100	5–7
12	132–162	13–17

- 10 At nodes 1 to 7 and 9, there be no periods of no flow of at least 1 month in the simulation period.
- 11 At node 8, in the simulation period, there be—
- (a) between 6 and 8 periods of no flow of at least 1 month but less than 3 months; and
 - (b) between 1 and 3 periods of no flow of at least 3 months.
- (2) Schedule 5, part 2, table 7—
omit, insert—

Table 7

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Node	Mean annual flow %	1.5 year DFV %	5 year DFV %	10 year DFV %	20 year DFV %
1	75	84	88	86	84
2	73	85	86	86	85
3	60	71	73	72	72
4	47	43	46	48	50
5	27	2	11	18	28
6	88	99	—	—	—
7	93	99	—	—	—
8	99.9	99.9	—	—	—
9	65	63	71	72	72
10	99	99	—	—	—
11	99	99	—	—	—
12	99	99	—	—	—

- (3) Schedule 5, part 3, table 8—

[s 29]

omit, insert—

Table 8

Column 1 Node	Column 2 Annual proportional flow deviation
1	1.5
2	1.5
3	1.9
4	2.3
5	3.2
9	1.7
11	1.4

Part 4 Amendment of Water Resource (Border Rivers) Plan 2003

29 Plan amended

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

30 Amendment of s 18 (Decisions not to increase amount of water taken)

Section 18(2), 'or 41A'—

omit.

31 Omission of s 41A (Grant of unallocated water to CEWH)

Section 41A—

omit.

32 Omission of s 43 (Measuring devices)

Section 43—

omit.

33 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring and reporting requirements

45 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

46 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—

[s 34]

- (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister’s report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

34 Amendment of sch 4 (Allocation of unallocated water)

Schedule 4, table—

omit, insert—

Column 1	Column 2	Column 3
Part of the plan area	Average annual volume	Use
Stanthorpe Water Management Area	3000ML	Irrigation and associated industry
Stanthorpe Water Management Area	1500ML	Town water supply

- (d) the likelihood of fish deaths caused by the operation of the infrastructure; and
 - (e) the matters mentioned in section 23(1)(a) and (b).
- (2) Subsection (1) does not limit the matters the chief executive may consider.

41 Omission of pt 5, div 2, sdiv 1 (Continued moratorium and interim arrangements)

Part 5, division 2, subdivision 1—

omit.

42 Amendment of s 29 (Unallocated water held as general, strategic or SunWater reserve)

Section 29, note—

omit.

43 Amendment of s 30 (Establishing general and strategic reserves)

- (1) Section 30, heading, ‘general and strategic reserves’—

omit, insert—

general reserve, strategic reserve and Sunwater reserve

- (2) Section 30—

insert—

- (c) a SunWater reserve of water with a nominal volume of 8744ML (the *SunWater reserve*).

44 Omission of pt 5, divs 4 and 5

Part 5, divisions 4 and 5—

[s 45]

omit.

45 Omission of pt 5, div 6, sdiv 2 (Water allocations to take supplemented water)

Part 5, division 6, subdivision 2—

omit.

46 Replacement of s 63 (Elements of a water allocation to take unsupplemented water)

Section 63—

omit, insert—

63 Elements of a water allocation to take unsupplemented water

A water allocation to take unsupplemented water must state the following—

- (a) the maximum rate at which water may be taken under the allocation;
- (b) the daily volumetric limit for the allocation;
- (c) the annual volumetric limit for the allocation;
- (d) the flow conditions for the allocation.

47 Replacement of s 71 (Water licences to take unsupplemented water)

Section 71—

omit, insert—

71 Water licences to take unsupplemented water

A water licence to take unsupplemented water must state the following—

- (a) the purpose for which water may be taken under the licence, which must be 1 of the following—
 - (i) stock and domestic;
 - (ii) rural;
 - (iii) any;
- (b) the maximum rate at which the water may be taken under the licence;
- (c) the daily volumetric limit for the licence;
- (d) the annual volumetric limit for the licence.

48 Replacement of ss 73 and 74

Sections 73 and 74—

omit, insert—

73 Maximum rates for taking unsupplemented water

The maximum rate at which unsupplemented water may be taken under a water licence is the maximum rate mentioned in section 65 or decided by the chief executive under that section as if the water licence were a water allocation.

74 Daily volumetric limits for taking unsupplemented water

The daily volumetric limit to take unsupplemented water under a water licence is the annual volumetric limit mentioned in section 66 or decided by the chief executive under that section as if the water licence were a water allocation.

49 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

[s 49]

omit, insert—

Part 6 Monitoring and reporting requirements

83 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

84 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.

(3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

50 Amendment of s 87 (Implementation schedule)

Section 87(2)(a), ‘sections 57 and 62’—

omit, insert—

section 62

51 Amendment of s 88 (Minor or stated amendment of plan—Act, s 57)

Section 88(1)(k)—

omit.

52 Amendment of sch 5 (Environmental flow objectives)

(1) Schedule 5, part 2, table 4—

omit, insert—

Table 4

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Node	Mean annual flow percentage	Median annual flow percentage	1.5 year daily flow volume percentage	5 year daily flow volume percentage	20 year daily flow volume percentage
1	75	59	50	79	86
2	92	88	95	—	—
8	97	96	99	—	—
10	98	97	98	99	99

[s 53]

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Node	Mean annual flow percentage	Median annual flow percentage	1.5 year daily flow volume percentage	5 year daily flow volume percentage	20 year daily flow volume percentage
11	92	88	94	96	98
12	82	80	92	86	86

(2) Schedule 5, part 2, table 5—
omit, insert—

Table 5

Column 1	Column 2
Node	Annual proportional flow deviation
1	2.9
2	1.8
10	0.2
11	1.0
12	1.2

53 Omission of sch 7 (Water licences)

Schedule 7—
omit.

54 Amendment of sch 10 (Dictionary)

(1) Schedule 10, definition *existing overland flow works*, paragraph (c), ‘mentioned in section 27(1)’—
omit, insert—

published on 17 January 2002 and amended on 25 July 2002

(2) Schedule 10, definition *SunWater reserve*, ‘section 61’—

omit, insert—

section 30(c)

Part 7 **Amendment of Water Resource (Calliope River Basin) Plan 2006**

55 **Plan amended**

This part amends the *Water Resource (Calliope River Basin) Plan 2006*.

56 **Omission of pt 4, div 5 (Miscellaneous provisions)**

Part 4, division 5—

omit.

57 **Replacement of pt 5 (Monitoring and reporting requirements)**

Part 5—

omit, insert—

Part 5 **Monitoring and reporting requirements**

23 **Monitoring requirements**

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.

[s 58]

- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

24 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

58 Amendment of s 26 (Minor or stated amendment of plan—Act, s 57)

- (1) Section 26(c)—

omit.
- (2) Section 26(d)—

renumber as section 26(c).

Part 8 Amendment of Water Resource (Condamine and Balonne) Plan 2004

59 Plan amended

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

60 Amendment of s 16 (Application of div 2)

Section 16(f) and (g)—

omit.

61 Amendment of s 27 (Conditions for taking unsupplemented water)

Section 27(5)—

omit.

62 Amendment of s 29 (Volumetric limit for unsupplemented water in the Lower Balonne)

(1) Section 29(1)—

omit, insert—

- (1) The volumetric limit for taking water under an allocation for unsupplemented water in the Lower Balonne is the volumetric limit decided by the chief executive having regard to the lesser of—
 - (a) the total capacity of existing works for storing water on the property; and
 - (b) the volume decided by the chief executive based on information supplied by the authorisation holder for the infrastructure assessment.

[s 63]

(2) Section 29(2), ‘subsection (1)(b)(i)’—

omit, insert—

subsection (1)(a)

(3) Section 29(3) to (5)—

omit.

(4) Section 29(6), ‘Subsection (1)(b)’—

omit, insert—

Subsection (1)

(5) Section 29(6)—

renumber as section 29(3).

63 Amendment of s 49 (Water licences for taking overland flow water in the Lower Balonne)

Section 49(3), ‘29(1)(b), (2) and (3)’—

omit, insert—

29(1) and (2)

64 Amendment of pt 5, div 6, hdg (Miscellaneous provisions)

Part 5, division 6, heading, ‘provisions’—

omit, insert—

provision

65 Omission of s 52 (Measuring devices)

Section 52—

omit.

66 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring and reporting requirements

54 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

55 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.

[s 67]

(3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

67 Omission of sch 4 (Volumetric limits in the Lower Balonne)

Schedule 4—

omit.

Part 9 Amendment of Water Resource (Cooper Creek) Plan 2011

68 Plan amended

This part amends the *Water Resource (Cooper Creek) Plan 2011*.

69 Omission of s 15 (Measuring devices)

Section 15—

omit.

70 Omission of s 18 (Interim arrangements for applications about unallocated water)

Section 18—

omit.

71 Replacement of ch 5 (Monitoring and reporting requirements)

Chapter 5—

omit, insert—

Chapter 5 Monitoring and reporting requirements

42 Monitoring requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

43 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

[s 72]

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

Part 10 Amendment of Water Resource (Fitzroy Basin) Plan 2011

72 Plan amended

This part amends the *Water Resource (Fitzroy Basin) Plan 2011*.

73 Omission of s 26 (Measuring devices)

Section 26—

omit.

74 Omission of s 52 (Elements of water allocations)

Section 52—

omit.

75 Amendment of s 83 (Granting particular water licences)

Section 83(2)—

omit.

76 Omission of s 84 (Granting particular water licences to holder of mining lease 1804)

Section 84—

omit.

77 Replacement of s 90 (Elements of water allocations)

Section 90—

omit, insert—

90 Elements of water allocations

A water allocation to take unsupplemented water must state the following—

- (a) the maximum rate at which water may be taken under the allocation;
- (b) the daily volumetric limit for the allocation;
- (c) the annual volumetric limit for the allocation;
- (d) the flow conditions for the allocation.

78 Replacement of s 130 (Elements of water allocations)

Section 130—

omit, insert—

130 Elements of water allocations

A water allocation to take unsupplemented groundwater must state—

- (a) the annual volumetric limit for the allocation; and
- (b) the conditions under which groundwater may be taken under an allocation.

79 Replacement of ch 6 (Monitoring and reporting requirements)

Chapter 6—

omit, insert—

Chapter 6 Monitoring and reporting requirements

146 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

147 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.

(3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

80 Omission of sch 9 (Water licences)

Schedule 9—

omit.

**Part 11 Amendment of Water Resource
(Georgina and Diamantina)
Plan 2004**

81 Plan amended

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

82 Amendment of pt 5, div 4, hdg (Miscellaneous provisions)

Part 5, division 4, heading, ‘provisions’—

omit, insert—

provision

83 Omission of s 21 (Measuring devices)

Section 21—

omit.

[s 84]

84 Replacement of pt 5 (Monitoring and reporting requirements)

Part 5—

omit, insert—

Part 5 Monitoring and reporting requirements

22 Monitoring requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

23 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.

- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

Part 12 Amendment of Water Resource (Gold Coast) Plan 2006

85 Plan amended

This part amends the *Water Resource (Gold Coast) Plan 2006*.

86 Omission of pt 5, div 3 (Process for granting and amending interim resource operations licence)

Part 5, division 3—

omit.

87 Replacement of pt 5, div 4, hdg (Resource operations licence for the Nerang water supply scheme)

Part 5, division 4, heading—

omit, insert—

Division 4 Deciding operational and supply arrangements for water infrastructure

88 Omission of s 34 (Water entitlements to be managed under a resource operations licence)

Section 34—

omit.

[s 89]

89 Amendment of s 35 (Matters chief executive must consider)

- (1) Section 35(1), ‘and proposed infrastructure’—
omit.
- (2) Section 35(1)(a), ‘or proposed infrastructure’s’—
omit.
- (3) Section 35(1)(b), ‘or proposed infrastructure’—
omit.
- (4) Section 35(1)(e), ‘existing and proposed’—
omit, insert—
all the
- (5) Section 35(1)(f)—
omit.
- (6) Section 35(1)(g) and (h)—
renumber as section 35(1)(f) and (g).

90 Omission of pt 5, div 5, sdiv 2 (Water allocations for taking supplemented water)

Part 5, division 5, subdivision 2—
omit.

91 Replacement of s 41 (Elements of a water allocation to take unsupplemented water)

Section 41—
omit, insert—

41 Elements of a water allocation to take unsupplemented water

A water allocation to take unsupplemented water must state—

- (a) the maximum rate at which water may be taken under the allocation; and
- (b) the annual volumetric limit for the allocation.

92 Omission of s 44 (Daily and monthly volumetric limits for taking unsupplemented water)

Section 44—

omit.

93 Replacement of s 49 (Maximum rates for taking unsupplemented water)

Section 49—

omit, insert—

49 Maximum rates for taking unsupplemented water

The maximum rate at which unsupplemented water may be taken under a water licence mentioned in section 47(1) is the maximum rate mentioned in section 45 or decided by the chief executive under that section as if the water licence were a water allocation.

94 Omission of pt 5, div 7 (Critical water supply strategy)

Part 5, division 7—

omit.

95 Omission of s 53 (Measuring devices)

Section 53—

omit.

[s 96]

96 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring and reporting requirements

54 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

55 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.

- (2) The Minister’s report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

97 Replacement of sch 5 (Environmental flow objectives)

Schedule 5—

omit, insert—

Schedule 5 Environmental flow objectives

section 13

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1, the 50% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

Table 1

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	241	164	60	83
B	49	29	11	17

[s 97]

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
C	334	123	40	126
D	88	33	13	32
E	59	29	12	21
F	21	9	2	7
G	78	33	14	30
H	57	37	17	25

- 2 At each node mentioned in table 2, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 50% daily flow for the plan scenario flow pattern stated for the water flow season in table 1 is equalled or exceeded, be at least the percentage stated in column 2 of the table for the water flow season.

Table 2

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	33	32	28	33
B	16	7	36	40
C	30	26	23	30
D	46	44	36	41
E	47	47	46	47
F	42	43	30	41

[s 97]

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
G	29	28	32	31
H	46	47	43	46

- 3 At each node mentioned in table 3, column 1, the 90% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

Table 3

Column 1	Column 2			
Node	90% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	33	41	7	5
B	7	7	1	1
C	39	20	4	6
D	13	7	2	3
E	12	9	3	3
F	2	1	0	0
G	13	10	2	2
H	11	10	0	0

- 4 At each node mentioned in table 4, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 90% daily flow for the plan scenario flow pattern stated for the water flow season in table

[s 97]

3 is equalled or exceeded, be at least the percentage stated in column 2 of the table for the water flow season.

Table 4

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	76	69	71	74
B	79	75	58	57
C	67	59	52	63
D	79	75	57	63
E	86	88	87	84
F	78	66	41	60
G	78	75	68	74
H	85	84	79	76

- 5 At each node mentioned in table 5, column 1, the percentage of the total number of days in the simulation period on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

Table 5

Column 1	Column 2
Node	Minimum-maximum percentage
A	2–13
B	6–30
C	2–11
D	3–24
E	1–7

[s 97]

Column 1	Column 2
Node	Minimum-maximum percentage
F	15–36
G	3–14
H	6–18

- 6 At each node mentioned in table 6, column 1, minimise the extent to which—
- (a) the number of periods of no flow of at least 1 month but less than 3 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 2 of the table; and
 - (b) the number of periods of no flow of at least 3 months but less than 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 3 of the table; and
 - (c) the number of periods of no flow of at least 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 4 of the table.

Table 6

Column 1	Column 2	Column 3	Column 4
Node	Minimum-maximum	Minimum-maximum	Minimum-maximum
A	0–9	0–0	0–0
B	3–90	0–16	0–5
C	0–4	0–0	0–0
D	2–64	—	—
E	0–0	—	—
F	7–85	0–14	0–2

[s 97]

Column 1	Column 2	Column 3	Column 4
Node	Minimum-maximum	Minimum-maximum	Minimum-maximum
G	1–21	0–2	0–0
H	5–40	—	—

Part 2 Medium to high flow objectives

At each node mentioned in table 7, column 1—

- (a) the mean annual flow (the *MAF*), expressed as a percentage of the MAF for the pre-development flow pattern, be at least the percentage stated for the node in column 2 of the table; and
- (b) the 1.5 year daily flow volume (the *1.5 year DFV*), expressed as a percentage of the 1.5 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 3 of the table; and
- (c) the 5 year daily flow volume (the *5 year DFV*), expressed as a percentage of the 5 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 4 of the table; and
- (d) the 20 year daily flow volume (the *20 year DFV*), expressed as a percentage of the 20 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 5 of the table.

Table 7

Column 1	Column 2	Column 3	Column 4	Column 5
Node	MAF %	1.5 year DFV %	5 year DFV %	20 year DFV %
A	85	92	—	—
B	70	80	—	—

[s 97]

Column 1	Column 2	Column 3	Column 4	Column 5
Node	MAF %	1.5 year DFV %	5 year DFV %	20 year DFV %
C	66	—	—	—
D	96	97	—	—
E	97	97	—	—
F	75	67	91	92
G	80	92	96	—
H	96	97	—	—

Part 3 Seasonal flow objectives

At each node mentioned in table 8, column 1—

- (a) the annual proportional flow deviation be no greater than the annual proportional flow deviation stated for the node in column 2 of the table; and
- (b) the flow regime class be maintained as late summer flow regime class.

Table 8

Column 1	Column 2
Node	Annual proportional flow deviation
A	0.8
B	2.0
C	2.0
F	1.3
G	1.2

[s 98]

98 Amendment of sch 9, hdg (Rates and pump sizes)

Schedule 9, heading, ‘sections 45 and 49’—

omit, insert—

section 49

99 Amendment of sch 11 (Dictionary)

(1) Schedule 11, definitions *critical water supply strategy*, *daily volumetric limit* and *monthly volumetric limit*—

omit.

(2) Schedule 11—

insert—

water flow season means any of the following periods in a year—

- (a) the period from 1 February to 30 April (*Feb–April water flow season*);
- (b) the period from 1 May to 31 July (*May–July water flow season*);
- (c) the period from 1 August to 30 November (*Aug–Nov water flow season*);
- (d) the period from 1 December to 31 January (*Dec–Jan water flow season*).

Part 13

**Amendment of Water Resource
(Great Artesian Basin) Plan
2006**

100 Plan amended

This part amends the *Water Resource (Great Artesian Basin) Plan 2006*.

101 Amendment of s 10 (Decisions about taking water)

(1) Section 10(3)(f), ‘section 15(3)’—

omit, insert—

section 15(b)

(2) Section 10(3)(g)—

omit.

(3) Section 10(3)(h) to (k)—

renumber as section 10(3)(g) to (j).

102 Replacement of pt 4, div 3, hdg (Mulgildie and Clarence Moreton management areas)

Part 4, division 3, heading—

omit, insert—

Division 3

**Clarence Moreton
management area**

103 Omission of s 13 (Continued taking of water in Mulgildie management area authorised)

Section 13—

omit.

104 Amendment of s 14 (Continued taking of water in Clarence Moreton management area authorised)

Section 14(3)—

omit.

105 Replacement of s 15 (Granting water licences)

Section 15—

omit, insert—

[s 106]

15 Granting water licences

The chief executive may, under section 212 of the Act—

- (a) grant a water licence to take artesian or subartesian water to a person authorised under section 14 to continue taking water; or
- (b) grant a water licence to take artesian or subartesian water, for a groundwater-dependent activity, to 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.

106 Replacement of pt 4, div 5, hdg (Resource operations plan)

Part 4, division 5, heading—

omit, insert—

Division 5 Granting water from State reserve

107 Omission of ss 27 — 29

Sections 27 to 29—

omit.

108 Omission of s 31 (Criteria for protection of flow of water to springs and baseflow to watercourses)

Section 31—

omit.

109 Omission of s 36 (Measuring devices)

Section 36—

omit.

110 Replacement of pt 5 (Monitoring and reporting requirements)

Part 5—

omit, insert—

Part 5 Monitoring and reporting requirements

37 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, monitoring requirements for this plan are to—
 - (a) monitor the flow of water from management units supplying water to springs in the plan area; and
 - (b) monitor baseflow to watercourses in the plan area.
- (3) The monitoring and reporting requirements are to be achieved by—

[s 111]

- (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.
- (4) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

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

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
- (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
- previous reporting period*, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

111 Omission of s 40 (Implementation schedule)

Section 40—

omit.

112 Replacement of sch 5 (General reserve)

omit, insert—

Schedule 5 General reserve

section 22

Column 1	Column 2	Column 3	Column 4
Management area	Volume	Management unit	Volume
Barcaldine North	500ML	Barcaldine North 2	500ML
Barcaldine South	1500ML	Barcaldine South 3 Barcaldine South 4 Barcaldine South 5	500ML 500ML 500ML
Barcaldine West	3000ML	Barcaldine West 2 Barcaldine West 3 Barcaldine West 4 Barcaldine West 5	500ML 1000ML 1000ML 500ML
Cape	100ML	Cape 1	100ML
Carpentaria	400ML	Carpentaria 1 Carpentaria 2	100ML 300ML
Central	1000ML	Central 3	1000ML
Flinders	2000ML	Flinders 3 Flinders 4	1000ML 1000ML
Flinders East	100ML	Flinders East 2	100ML
Gulf	1100ML	Gulf 2 Gulf 3 Gulf 4	100ML 500ML 500ML
Laura	500ML	Laura 2	500ML

[s 113]

Column 1	Column 2	Column 3	Column 4
Management area	Volume	Management unit	Volume
Mimosa	500ML	Mimosa 1	500ML
North West	500ML	North West 2	500ML
Surat	5000ML	Surat 6 Surat 7	3000ML 2000ML
Surat East	2000ML	Surat East 3 Surat East 4	1000ML 1000ML
Surat North	200ML	Surat North 2 Surat North 3	100ML 100ML
Warrego East	4000ML	Warrego East 3 Warrego East 4 Warrego East 5 Warrego East 6	1000ML 1000ML 1000ML 1000ML
Warrego West	1000ML	Warrego West 3	1000ML

Part 14 Amendment of Water Resource (Gulf) Plan 2007

113 Plan amended

This part amends the *Water Resource (Gulf) Plan 2007*.

114 Omission of s 22 (Measuring devices)

Section 22—

omit.

-
- 115 Amendment of s 24 (Matters to be considered for water sharing rules)**
Section 24(1)(b)(iii), ‘68 or’—
omit.
- 116 Omission of ch 5, pt 1, div 2, sdiv 1 (Continued moratorium and interim arrangements)**
Chapter 5, part 1, division 2, subdivision 1—
omit.
- 117 Omission of s 31 (Additional requirements for dealing with unallocated water that is groundwater)**
Section 31—
omit.
- 118 Replacement of ch 5, pt 2, div 2, sdiv 1, hdg (Resource operations licences and distribution operations licences)**
Chapter 5, part 2, division 2, subdivision 1, heading—
omit.
- 119 Omission of ss 44 and 45**
Sections 44 and 45—
omit.
- 120 Amendment of s 46 (Matters to be considered for infrastructure operating rules)**
(1) Section 46(1), ‘or proposed infrastructure’—
omit.
(2) Section 46(1)(a), ‘infrastructure or proposed infrastructure’s’—

[s 121]

omit, insert—
infrastructure's

121 Omission of s 47 (Critical water supply arrangements)

Section 47—

omit.

122 Omission of ch 5, pt 2, div 2, sdiv 2 (Establishing water allocations)

Chapter 5, part 2, division 2, subdivision 2—

omit.

123 Omission of ch 5, pt 2, div 3, sdiv 3 (Replacing authorities with water licences and granting or amending water licences)

Chapter 5, part 2, division 3, subdivision 3—

omit.

124 Amendment of s 69 (Application of sdiv 4)

Section 69, from ‘, other’ to ‘subdivision 3’—

omit.

125 Replacement of ch 6 (Monitoring and reporting requirements)

Chapter 6—

omit, insert—

Chapter 6 Monitoring and reporting requirements

91 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, a monitoring requirement for this plan is to monitor groundwater levels in the plan area.
- (3) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

92 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.

[s 126]

- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

126 Amendment of s 96 (Minor or stated amendment of plan—Act, s 57)

- (1) Section 96(g)—
omit.
- (2) Section 96(h) and (i)—
renumber as section 96(g) and (h).

127 Omission of schs 9 to 11

Schedules 9 to 11—
omit.

128 Amendment of sch 13 (Dictionary)

Schedule 13, definition *existing overland flow works*, paragraph (c), 'mentioned in section 25(1)'—
omit, insert—

published on 6 June 2003

Part 15 **Amendment of Water Resource (Logan Basin) Plan 2007**

129 **Plan amended**

This part amends the *Water Resource (Logan Basin) Plan 2007*.

130 **Omission of pt 5, div 3 (Process for granting and amending interim resource operations licence)**

Part 5, division 3—
omit.

131 **Replacement of pt 5, div 4, hdg (Resource operations licences)**

Part 5, division 4, heading—
omit, insert—

Division 4 **Deciding operational and supply arrangements for water infrastructure**

132 **Omission of s 43 (Water entitlements to be managed under a resource operations licence)**

Section 43—
omit.

133 **Amendment of s 44 (Matters chief executive must consider)**

(1) Section 44(1), ‘and proposed infrastructure’—
omit.

(2) Section 44(1)(a), ‘infrastructure or proposed’—

[s 134]

omit.

(3) Section 44(1)(b), ‘or proposed infrastructure’—

omit.

(4) Section 44(1)(e), ‘existing and proposed’—

omit, insert—

all the

(5) Section 44(1)(f)—

omit.

(6) Section 44(1)(g) and (h)—

renumber as section 35(1)(f) and (g).

134 Omission of pt 5, div 5 (Granting water entitlements)

Part 5, division 5—

omit.

135 Amendment of s 47 (Application of div 6)

Section 47(c)—

omit.

136 Omission of pt 5, div 6, sdiv 2 (Water allocations to take supplemented water)

Part 5, division 6, subdivision 2—

omit.

137 Replacement of s 53 (Elements of a water allocation to take unsupplemented water)

Section 53—

omit, insert—

53 Elements of a water allocation to take unsupplemented water

A water allocation to take unsupplemented water must state—

- (a) the maximum rate at which water may be taken under the allocation; and
- (b) the annual volumetric limit for the allocation.

138 Omission of s 56 (Daily and monthly volumetric limits for taking unsupplemented water)

Section 56—

omit.

139 Amendment of s 60 (Amending water licences to take unsupplemented water)

Section 60(1)—

omit, insert—

- (1) This section applies to a water licence to take unsupplemented water in force on the commencement of this plan.

140 Replacement of ss 61 and 62

Sections 61 and 62—

omit, insert—

61 Annual volumetric limit for taking unsupplemented water

The annual volumetric limit to take unsupplemented water for a water licence mentioned in section 60 is the annual volumetric limit mentioned in section 55 or decided by the chief executive under that section as if the water licence were a water allocation.

[s 141]

62 Maximum rates for taking unsupplemented water

The maximum rate at which unsupplemented water may be taken under a water licence mentioned in section 60 is the maximum rate mentioned in section 57 or decided by the chief executive under that section as if the water licence were a water allocation.

141 Omission of pt 5, div 8 (Critical water supply strategy)

Part 5, division 8—

omit.

142 Omission of s 66 (Measuring devices)

Section 66—

omit.

143 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring and reporting requirements

67 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and

- (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, a monitoring requirement for this plan is to monitor groundwater levels in the plan area.
- (3) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

68 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

144 Omission of s 72 (Implementation schedule)

Section 72—

omit.

[s 145]

145 Replacement of sch 5 (Environmental flow objectives)

Schedule 5—

omit, insert—

Schedule 5 Environmental flow objectives

section 13

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1, the 50% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

Table 1

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	21	12	7	9
B	40	21	10	26
C	77	48	29	37
D	59	42	28	33
E	9	6	3	5
F	72	43	26	37
G	585	318	185	327

- 2 At each node mentioned in table 2, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 50% daily flow for the plan scenario flow pattern stated for the water flow season in table 1 is equalled or exceeded be at least the percentage stated in column 2 of the table for the water flow season.

Table 2

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	41	41	43	41
B	41	40	42	40
C	35	34	23	32
D	35	34	19	19
E	42	43	37	41
F	35	34	27	32
G	30	25	13	21

- 3 At each node mentioned in table 3, column 1, the 90% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

[s 145]

Table 3

Column 1	Column 2			
Node	90% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	1	1	0	0
B	2	2	0	1
C	17	18	11	9
D	12	12	7	5
E	0	1	0	0
F	14	15	7	6
G	110	108	47	54

- 4 At each node mentioned in table 4, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 90% daily flow for the plan scenario flow pattern stated for the water flow season in table 3 is equalled or exceeded be at least the percentage stated in column 2 of the table for the water flow season.

Table 4

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	80	83	81	80
B	80	78	77	81
C	70	66	35	43
D	51	57	27	25

[s 145]

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
E	79	76	60	58
F	71	71	41	45
G	53	38	29	44

- 5 At each node mentioned in table 5, column 1, the percentage of the total number of days in the simulation period on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

Table 5

Column 1	Column 2
Node	Minimum-maximum percentage
A	11–19
B	8–26
C	0–2
D	0–4
E	14–55
F	7–61
G	0–24

- 6 At each node mentioned in table 6, column 1, minimise the extent to which—
- (a) the number of periods of no flow of at least 1 month but less than 3 months in the simulation period is less than

[s 145]

- the minimum or more than the maximum number stated for the node in column 2 of the table; and
- (b) the number of periods of no flow of at least 3 months but less than 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 3 of the table; and
 - (c) the number of periods of no flow of at least 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 4 of the table.

Table 6

Column 1	Column 2	Column 3	Column 4
Node	Minimum-maximum	Minimum-maximum	Minimum-maximum
A	6–26	0–3	0–0
B	8–45	1–12	0–0
C	0–2	—	—
D	0–4	—	—
E	12–73	1–29	0–6
F	0–127	0–38	0–11
G	0–17	0–2	0–0

Part 2 Medium to high flow objectives

At each node mentioned in table 7, column 1—

- (a) the mean annual flow, expressed as a percentage of the mean annual flow for the pre-development flow pattern, be at least the percentage stated for the node in column 2 of the table; and

- (b) the 1.5 year daily flow volume, expressed as a percentage of the 1.5 year daily flow volume for the pre-development flow pattern, be at least the percentage stated for the node in column 3 of the table; and
- (c) the 5 year daily flow volume, expressed as a percentage of the 5 year daily flow volume for the pre-development flow pattern, be at least the percentage stated for the node in column 4 of the table; and
- (d) the 20 year daily flow volume, expressed as a percentage of the 20 year daily flow volume for the pre-development flow pattern, be at least the percentage stated for the node in column 5 of the table.

Table 7

Column 1	Column 2	Column 3	Column 4	Column 5
Node	Mean annual flow percentage	1.5 year daily flow volume percentage	5 year daily flow volume percentage	20 year daily flow volume percentage
A	99	99	—	—
B	99	99	—	—
C	88	99	—	—
D	82	98	—	—
E	95	99	—	—
F	90	97	—	—
G	76	80	83	86

Part 3 Seasonal flow objectives

At each node mentioned in table 8, column 1—

[s 146]

- (a) the annual proportional flow deviation be no greater than the annual proportional flow deviation stated for the node in column 2 of the table; and
- (b) the flow regime class be maintained as late summer flow regime class.

Table 8

Column 1	Column 2
Node	Annual proportional flow deviation
C	1.2
D	1.2
G	1.5

146 Amendment of sch 13 (Dictionary)

(1) Schedule 13, definitions *critical water supply strategy*, *daily volumetric limit* and *monthly volumetric limit*—
omit.

(2) Schedule 13—
insert—

high priority group, for a water allocation, means a water allocation that is stated to be a high priority in the water allocations register.

medium priority group, for a water allocation, means a water allocation that is stated to be a medium priority in the water allocations register.

water flow season means any of the following periods in a year—

- (a) the period from 1 February to 30 April (***Feb–April water flow season***);
- (b) the period from 1 May to 31 July (***May–July water flow season***);

-
- (c) the period from 1 August to 30 November
(*Aug–Nov water flow season*);
- (d) the period from 1 December to 31 January
(*Dec–Jan water flow season*).
- (3) Schedule 13, definition *supplemented water*, ‘under an interim resource operations licence,’—
omit, insert—
under a

Part 16 Amendment of Water Resource (Mary Basin) Plan 2006

147 Plan amended

This part amends the *Water Resource (Mary Basin) Plan 2006*.

148 Replacement of pt 5, div 5, hdg (Resource operations licences)

Part 5, division 5, heading—

omit, insert—

Division 5 Deciding operational and supply arrangements for water infrastructure

149 Omission of s 49 (Water allocations to be managed under resource operations licences)

Section 49—

omit.

[s 150]

150 Omission of pt 5, div 6 (Granting water entitlements)

Part 5, division 6—

omit.

151 Amendment of s 54 (Application of div 7)

Section 54(c)—

omit.

152 Omission of pt 5, div 7, sdiv 2 (Water allocations to take supplemented water)

Part 5, division 7, subdivision 2—

omit.

153 Replacement of s 60 (Elements of a water allocation to take unsupplemented water)

Section 60—

omit, insert—

60 Elements of a water allocation to take unsupplemented water

A water allocation to take unsupplemented water must state—

- (a) the maximum rate at which water may be taken under the allocation; and
- (b) the annual volumetric limit for the allocation.

154 Omission of pt 5, div 9 (Critical water supply strategy)

Part 5, division 9—

omit.

-
- 155 Amendment of s 71 (Restriction on granting water licences)**
Section 71(c)—
omit.
- 156 Amendment of s 74 (Restriction on annual volumetric limit for taking subartesian water)**
Section 74(1)(d)—
omit.
- 157 Omission of ss 76—78**
Sections 76 to 78—
omit.
- 158 Omission of pt 7 (Strategies for achieving outcomes (general))**
Part 7—
omit.
- 159 Replacement of pt 8 (Monitoring and reporting requirements)**
Part 8—
omit, insert—

Part 8 Monitoring and reporting requirements

81 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the

[s 160]

outcomes mentioned in part 3, the resource operations plan must state—

- (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

82 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
- (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

160 Omission of s 88 (Implementation schedule)

Section 88—

omit.

161 Amendment of s 89 (Minor or stated amendment of plan—Act, s 57)

(1) Section 89(i)—

omit.

(2) Section 89(j) and (k)—

renumber as section 89(i) and (j).

162 Replacement of sch 6 (Environmental flow objectives)

Schedule 6—

omit, insert—

Schedule 6 Environmental flow objectives

section 16

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1, the percentage of the total number of days in the simulation period on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

Table 1

Column 1	Column 2
Node	Minimum-maximum percentage
1	0–31
2	0–19

[s 162]

Column 1	Column 2
Node	Minimum-maximum percentage
3	0–18
4	2–19
5	32–68
6	2–27
7	2–28
8	2–37
9	0–9
10	2–31

- 2 At each node mentioned in table 2, column 1, other than node 9, minimise the extent to which the 50% daily flow stated in column 2 of the table for a water flow season for the node is equalled or exceeded on fewer than 32% of the days in the water flow season in the simulation period.
- 3 At node 9 minimise the extent to which the 50% daily flow stated in table 2, column 2 for a water flow season for the node is equalled or exceeded on fewer than 41% of the days in the water flow season in the simulation period.
- 4 At nodes 1, 2 and 5 mentioned in table 2, column 1 minimise the extent to which the 50% daily flow stated in column 2 of the table for a water flow season for the node is equalled or exceeded more than 68% of the days in the water flow season in the simulation period.

Table 2

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
1	3248	1413	557	1584
2	1858	791	325	826
5	22	2	0	4
9	1008	908	613	658
10	132	50	7	29

- 5 At each node mentioned in table 3, column 1, other than node 9, minimise the extent to which the 90% daily flow stated in column 2 of the table for a water flow season for the node is equalled or exceeded on fewer than 72% of the days in the water flow season in the simulation period.
- 6 At node 9, minimise the extent to which the 90% daily flow stated in table 3, column 2 for a water flow season for the node is equalled or exceeded on fewer than 81% of the days in the water flow season in the simulation period.

Table 3

Column 1	Column 2			
Node	90% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
1	582	307	115	199
2	278	184	72	78
5	0	0	0	0

[s 162]

Column 1	Column 2			
Node	90% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
9	544	615	400	355
10	9	3	0	1

- 7 At each node mentioned in table 4, column 1, minimise the extent to which—
- the low flow duration (10cm above cease-to-flow) in the simulation period is less than the minimum or more than the maximum percentage stated for the node in column 2 of the table; and
 - the low flow duration (30cm above cease-to-flow) in the simulation period is less than the minimum or more than the maximum percentage stated for the node in column 3 of the table.

Table 4

Column 1	Column 2	Column 3
Node	Minimum-maximum percentage	Minimum-maximum percentage
3	80–98	62–98
4	77–98	36–72
6	63–98	6–42
7	69–98	10–46
8	24–60	2–36

- 8 At each node mentioned in table 5, column 1, minimise the extent to which—

- (a) the number of periods of no flow of at least 1 month but less than 3 months in the simulation period are fewer than the minimum or more than the maximum number stated for the node in column 2 of the table; and
- (b) the number of periods of no flow of at least 3 months but less than 6 months in the simulation period are fewer than the minimum or more than the maximum number stated for the node in column 3 of the table; and
- (c) the number of periods of no flow of at least 6 months but less than 9 months in the simulation period are fewer than the minimum or more than the maximum number stated for the node in column 4 of the table; and
- (d) the number of periods of no flow of at least 9 months in the simulation period are fewer than the minimum or more than the maximum number stated for the node in column 5 of the table.

Table 5

Column 1	Column 2	Column 3	Column 4	Column 5
Node	Minimum–Maximum	Minimum–Maximum	Minimum–Maximum	Minimum–Maximum
1	0–30	0–1	0–1	0–0
2	0–13	0–5	0–0	0–0
3	0–18	0–3	0–0	0–0
5	48–153	1–101	1–46	0–2
7	2–168	0–86	0–46	0–13

- 8 At nodes 1, 2 and 3, minimise the extent to which the 20 year daily flow volume, expressed as a percentage of the 20 year daily flow volume for the pre-development flow pattern, is less than the percentage stated for the node in table 6, column 5.

Table 6

Column 1	Column 2	Column 3	Column 4	Column 5
Node	Mean annual flow percentage	1.5 year daily flow volume percentage	5 year daily flow volume percentage	20 year daily flow volume percentage
1	85	83	89	69
2	79	72	69	69
3	70	42	69	69
4	94	95	—	—
5	85	74	93	94
6	88	92	—	—
7	70	72	90	95
8	95	98	—	—
9	99	99	—	—
10	90	95	—	—

Part 3 Seasonal flow objectives

- 1 At each node mentioned in table 7, column 1, other than nodes 1, 2 and 3, the annual proportional flow deviation be no greater than the annual proportional flow deviation stated for the node in column 2 of the table.

[s 163]

- 2 At nodes 1, 2 and 3, minimise the extent to which the annual proportional flow deviation is greater than the annual proportional flow deviation stated for the node in table 7, column 2.
- 3 At each node mentioned in table 7, column 1, the flow regime class be maintained as late summer flow regime class.

Table 7

Column 1	Column 2
Node	Annual proportional flow deviation
1	1.2
2	1.4
3	2.1
5	1.9
7	1.7

163 Omission of sch 10 (Water licences to take subartesian water)

Schedule 10—
omit.

164 Amendment of sch 12 (Dictionary)

(1) Schedule 12, definition *critical water supply strategy*—
omit.

(2) Schedule 12—
insert—

water flow season means any of the following periods in a year—

- (a) the period from 1 February to 30 April (***Feb–April water flow season***);

- (b) the period from 1 May to 31 July (*May–July water flow season*);
- (c) the period from 1 August to 30 November (*Aug–Nov water flow season*);
- (d) the period from 1 December to 31 January (*Dec–Jan water flow season*).

Part 17 Amendment of Water Resource (Mitchell) Plan 2007

165 Plan amended

This part amends the *Water Resource (Mitchell) Plan 2007*.

166 Omission of s 17 (Measuring devices)

Section 17—

omit.

167 Omission of ch 4, pt 1, div 2, sdiv 1 (Continued moratorium and interim arrangements)

Chapter 4, part 1, division 2, subdivision 1—

omit.

168 Omission of s 24 (Granting unallocated water)

Section 24—

omit.

169 Omission of s 26 (Additional requirements for dealing with unallocated water that is groundwater)

Section 26—

[s 170]

omit.

170 Omission of ch 4, pt 2, div 3 (Replacing authority with water licence)

Chapter 4, part 2, division 3—

omit.

171 Amendment of s 44 (Application of div 4)

Section 44, from ‘other than’ to ‘section 42’—

omit.

172 Replacement of ch 5 (Monitoring and reporting requirements)

Chapter 5—

omit, insert—

Chapter 5 Monitoring and reporting requirements

67 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, a monitoring requirement for this plan is to monitor groundwater levels in the plan area.

- (3) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

68 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

173 Amendment of s 72 (Minor or stated amendment of plan—Act, s 57)

- (1) Section 72(c)—

omit.
- (2) Section 72(d) and (e)—

renumber as section 72(c) and (d).

[s 174]

174 Omission of sch 5 (Water licences to replace local government authority)

Schedule 5—

omit.

175 Amendment of sch 7 (Dictionary)

Schedule 7, definition *existing overland flow works*, paragraph (c), 'mentioned in section 20(1)'—

omit, insert—

published on 3 March 1999 and amended on 6 June 2003

Part 18 Amendment of Water Resource (Moonie) Plan 2003

176 Plan amended

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

177 Amendment of s 18 (Decisions not to increase amount of water taken)

Section 18(2), 'or 41A'—

omit.

178 Replacement of s 23 (Location for taking water)

Section 23—

omit, insert—

23 Location for taking water

The location, for taking water, stated on a water allocation must contain the place at which water could have been taken under the authorisation.

179 Omission of pt 5, div 3, sdiv 2 (Supplemented water)

Part 5, division 3, subdivision 2—

omit.

180 Omission of s 41A (Grant of unallocated water to CEWH)

Section 41A—

omit.

181 Omission of s 43 (Measuring devices)

Section 43—

omit.

182 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring requirements

45 Monitoring requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.

[s 183]

- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

46 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—

previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

183 Replacement of sch 4 (Allocation of unallocated water)

Schedule 4—

omit, insert—

Schedule 4 Allocation of unallocated water

section 39

Column 1	Column 2	Column 3
Part of the plan area	Average annual volume	Use
Anywhere	100ML	Town water supply

Part 19 Amendment of Water Resource (Moreton) Plan 2007

184 Plan amended

This part amends the *Water Resource (Moreton) Plan 2007*.

185 Replacement of s 36 (Water entitlements to be managed under resource operations licences)

Section 36—

omit, insert—

36 Water entitlements to be managed under resource operations licences

Water allocations for the following water supply schemes are to be managed under the resource operations licence for the scheme—

- (a) Central Lockyer Valley water supply scheme;
- (b) Lower Lockyer Valley water supply scheme;

[s 186]

(c) Warrill Valley water supply scheme.

186 Amendment of s 37 (Deciding operating arrangements and supply requirements)

(1) Section 37(1), 'section 36(1)'—

omit, insert—

section 36

(2) Section 37(1)(f)—

omit.

(3) Section 37(1)(g) and (h)—

renumber as section 37(1)(f) and (g).

187 Omission of pt 5, div 6, sdiv 1 (Replacing water entitlements)

Part 5, division 6, subdivision 1—

omit.

188 Omission of ss 40 and 41

Sections 40 and 41—

omit.

189 Omission of pt 5, div 6, sdiv 2, hdg (Granting water entitlement)

Part 5, division 6, subdivision 2, heading—

omit.

190 Replacement of s 43 (Application of div 7)

Section 43

omit, insert—

43 Application of div 7

This division applies to water allocations converted under the resource operations plan from authorisations.

191 Replacement of s 48 (Elements of a water allocation)

Section 48—

omit, insert—

48 Elements of a water allocation

A water allocation to take unsupplemented water must state—

- (a) the maximum rate at which water may be taken under the allocation; and
- (b) the annual volumetric limit for the allocation.

192 Omission of s 51 (Daily and monthly volumetric limits for water allocation)

Section 51—

omit.

193 Amendment of s 56 (Amending water licences)

Section 56(1)—

omit, insert—

- (1) This section applies to a water licence to take unsupplemented water in force on the commencement of this plan.

194 Replacement of ss 57 and 58

Sections 57 and 58—

omit, insert—

[s 195]

57 Annual volumetric limit for water licence

The annual volumetric limit to take unsupplemented water for a water licence mentioned in section 56(1) is the annual volumetric limit mentioned in section 50 or decided by the chief executive under that section as if the water licence were a water allocation.

58 Maximum rates

The maximum rate at which unsupplemented water may be taken under a water licence mentioned in section 56(1) is the maximum rate mentioned in section 52 or decided by the chief executive under that section as if the water licence were a water allocation.

195 Omission of pt 5, div 9 (Critical water supply arrangement)

Part 5, division 9—

omit.

196 Omission of pt 8 (Strategies for achieving outcomes (general))

Part 8—

omit.

197 Replacement of pt 9 (Monitoring and reporting requirements)

Part 9—

omit, insert—

Part 9 Monitoring and reporting requirements

90 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, a monitoring requirement for this plan is to monitor the pressure and levels of groundwater in the plan area.
- (3) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

91 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.

[s 198]

- (2) The Minister’s report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

198 Replacement of sch 7 (Environmental flow objectives)

Schedule 7—

omit, insert—

Schedule 7 Environmental flow objectives

section 15

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1, the 50% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

Table 1

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	201	144	56	54
B	136	87	34	36

[s 198]

Column 1	Column 2			
Node	50% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
C	225	105	52	102
D	48	23	11	22
E	1588	844	582	1092
F	155	90	72	147
G	130	67	47	90
H	164	82	39	55

- 2 At each node mentioned in table 2, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 50% daily flow for the plan scenario flow pattern stated for the water flow season in table 1 is equalled or exceeded be at least the percentage stated in column 2 of the table for the water flow season.

Table 2

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	46	45	35	42
B	29	26	27	36
C	25	19	15	26
D	45	42	30	41
E	25	18	12	20
F	32	26	20	32

[s 198]

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
G	17	14	5	13
H	46	43	33	43

- 3 At each node mentioned in table 3, column 1, the 90% daily flow for the pre-development flow pattern for a water flow season is stated in column 2 of the table.

Table 3

Column 1	Column 2			
Node	90% daily flow in megalitres			
	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	7	38	6	0
B	1	15	2	0
C	31	30	14	14
D	7	6	2	3
E	318	277	191	261
F	48	36	29	38
G	17	12	7	11
H	17	21	9	5

- 4 At each node mentioned in table 4, column 1, the percentage of the total number of days in a water flow season in the simulation period that the 90% daily flow for the plan scenario flow pattern stated for the water flow season in table

3 is equalled or exceeded be at least the percentage stated in table 4, column 2, for the water flow season.

Table 4

Column 1	Column 2			
Node	Feb–April water flow season	May–July water flow season	Aug–Nov water flow season	Dec–Jan water flow season
A	83	85	66	59
B	84	83	79	76
C	71	55	42	61
D	77	71	47	62
E	51	34	31	49
F	58	51	47	60
G	24	18	8	19
H	79	75	57	65

5 At each node mentioned in table 5, column 1, the percentage of the total number of days in the simulation period on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

Table 5

Column 1	Column 2
Node	Minimum-maximum percentage
A	5–23
B	7–17
C	0–13
D	3–28

[s 198]

Column 1	Column 2
Node	Minimum-maximum percentage
E	0–2
F	0–2
G	0–76
H	0–20

- 6 At each node mentioned in table 6, column 1, minimise the extent to which—
- (a) the number of periods of no flow of at least 1 month but less than 3 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 2 of the table; and
 - (b) the number of periods of no flow of at least 3 months but less than 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 3 of the table; and
 - (c) the number of periods of no flow of at least 6 months in the simulation period is less than the minimum or more than the maximum number stated for the node in column 4 of the table.

Table 6

Column 1	Column 2	Column 3	Column 4
Node	Minimum-maximum	Minimum-maximum	Minimum-maximum
A	4–67	—	—
B	4–25	—	—
C	0–16	0–1	0–0
D	1–70	—	—
E	0–2	0–1	0–0

[s 198]

Column 1	Column 2	Column 3	Column 4
Node	Minimum-maximum	Minimum-maximum	Minimum-maximum
F	0–2	0–1	0–0
G	0–112	0–46	0–46
H	2–45	0–16	0–3

Part 2 Medium to high flow objectives

At each node mentioned in table 7, column 1—

- (a) the annual proportional flow deviation (the *APFD*) be no greater than the APFD stated for the node in column 2 of the table; and
- (b) the mean annual flow (the *MAF*), expressed as a percentage of the MAF for the pre-development flow pattern, be at least the percentage stated for the node in column 3 of the table; and
- (c) the 1.5 year daily flow volume (the *1.5 year DFV*), expressed as a percentage of the 1.5 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 4 of the table; and
- (d) the 5 year daily flow volume (the *5 year DFV*), expressed as a percentage of the 5 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 5 of the table; and
- (e) the 20 year daily flow volume (the *20 year DFV*), expressed as a percentage of the 20 year DFV for the pre-development flow pattern, be at least the percentage stated for the node in column 6 of the table; and
- (f) the flow regime class be maintained as late summer flow regime class.

[s 199]

Table 7

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Node	APFD	MAF%	1.5 year DFV%	5 year DFV%	20 year DFV%
A	—	96	97	—	—
B	2.5	84	—	—	—
C	—	66	—	—	—
D	2.5	81	82	93	95
E	—	66	—	—	—
F	—	81	—	—	—
G	2.5	68	68	82	94
H	—	95	96	—	—

199 Amendment of sch 15 (Dictionary)

- (1) Schedule 15, definitions *critical water supply arrangement*, *daily volumetric limit* and *monthly volumetric limit*—
omit.
- (2) Schedule 15—
insert—

water flow season means any of the following periods in a year—

- (a) the period from 1 February to 30 April (*Feb–April water flow season*);
- (b) the period from 1 May to 31 July (*May–July water flow season*);
- (c) the period from 1 August to 30 November (*Aug–Nov water flow season*);
- (d) the period from 1 December to 31 January (*Dec–Jan water flow season*).

Part 20 **Amendment of Water Resource (Pioneer Valley) Plan 2002**

200 **Plan amended**

This part amends the *Water Resource (Pioneer Valley) Plan 2002*.

201 **Replacement of s 20B (Performance indicators for environmental flow objectives—relevant groundwater-dependent ecosystems)**

Section 20B—

omit, insert—

20B Performance indicators for environmental flow objectives—relevant groundwater-dependent ecosystems

The performance indicator for the environmental flow objectives for assessing flow to a relevant groundwater-dependent ecosystem is the drawdown deviation.

202 **Omission of s 22A (Amending in conjunction water licences and standby water licences)**

Section 22A—

omit.

203 **Omission of s 22E (Particular applications accepted but not dealt with before 25 June 2003)**

Section 22E—

omit.

204 **Omission of s 22F (Volume)**

Section 22F—

[s 205]

omit.

205 Replacement of pt 5, div 3, hdg (Resource operations licences)

Part 5, division 3, heading—

omit, insert—

Division 3 Deciding operational and supply arrangements for water infrastructure

206 Omission of s 28 (Water allocations to be managed under a resource operations licence)

Section 28—

omit.

207 Amendment of s 29 (Matters chief executive must consider)

(1) Section 29(1), ‘and proposed infrastructure’—

omit.

(2) Section 29(1)(b), ‘or proposed infrastructure’—

omit.

208 Replacement of pt 5, div 4, hdg (Granting water entitlements)

Part 5, division 4, heading—

omit, insert—

Division 4 Water licences to take declared water

209 Omission of s 30 (Water entitlements to replace local government authorities)

Section 30—

omit.

210 Amendment of s 32 (Application of div 5)

Section 32(c)—

omit.

211 Omission of pt 5, div 5, sdiv 2 (Supplemented water)

Part 5, division 5, subdivision 2—

omit.

212 Replacement of s 39 (Volume of supplemented water)

Section 39—

omit, insert—

39 Volume of supplemented water

A water allocation to take unsupplemented water must state a monthly volumetric limit.

213 Amendment of s 46 (Water licences to take unsupplemented water)

Section 46(2)—

omit.

214 Amendment of s 47 (Nominal entitlement)

Section 47(1)—

omit, insert—

[s 215]

- (1) This section states the nominal entitlement for a licence to take unsupplemented water in force on the commencement of this plan.

215 Replacement of s 48 (Maximum rates for taking unsupplemented water)

Section 48—

omit, insert—

48 Maximum rates for taking unsupplemented water

The maximum rate at which unsupplemented water may be taken under a water licence is the maximum rate mentioned in section 43 or decided by the chief executive under that section as if the water licence were a water allocation.

216 Amendment of s 49D (Decisions not to increase amount of groundwater taken)

Section 49D(3)(b), ‘or 22E(3)’—

omit.

217 Amendment of s 49L (Elements of a water allocation)

Section 49L(1)—

omit, insert—

- (1) A water allocation to take groundwater must state an annual volumetric limit for the allocation.

218 Amendment of s 49N (Annual volumetric limit)

- (1) Section 49N(1)(a), after ‘authorisation 1’—

insert—

and authorisation 2

(2) Section 49N(1)(b)—

omit.

(3) Section 49N(1)(c) to (f)—

renumber as section 49N(1)(b) to (e).

219 Amendment of s 49U (Nominal entitlement)

Section 49U(1)(e)—

omit, insert—

(e) for authorisation 13—the nominal entitlement stated on the water licence.

220 Replacement of pt 6 (Monitoring and reporting requirements)

Part 6—

omit, insert—

Part 6 Monitoring and reporting requirements

50 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in part 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Also, the monitoring requirements for this plan are—

[s 221]

- (a) monitoring groundwater levels in the plan area; and
- (b) monitoring natural relevant groundwater-dependent ecosystems, for—
 - (i) depth to groundwater level; and
 - (ii) seawater intrusion or water quality in coastal aquifers; and
 - (iii) volume of baseflow; and
 - (iv) distribution, and information on the hydraulic-habitat requirements in aquifers and hyporheic zones, of micro-organism species and communities.
- (3) Subsections (1) and (2) do not limit the monitoring requirements the chief executive may impose for this plan.

221 Replacement of s 55 (Minister's report on plan—Act, s 53)

Section 55—

omit, insert—

55 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and
 - (ii) for subsequent reports—after the end of the previous reporting period.

- (2) The Minister's report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

222 Amendment of sch 4 (Environmental flow objectives)

- (1) Schedule 4, part 1—
omit, insert—

Part 1 Low flow objectives

- 1 At each node mentioned in table 1, column 1 minimise the extent to which the 50% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in less than 35% of the days in each water flow season for the simulation period for surface water.
- 2 At each node mentioned in table 1, column 1, other than node I, minimise the extent to which the 50% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in more than 65% of the days in each water flow season for the simulation period for surface water.

[s 222]

Table 1

Column 1 Node	Column 2 August–November 50% daily flow	Column 3 December–March 50% daily flow	Column 4 April–July 50% daily flow
B	92	671	404
C	9	146	100
D	2	20	10
E	4	11	18
F	62	407	229
G	5	25	16
I	6	86	41

- 3 At each node mentioned in table 2, column 1, the percentage of the total number of days in the water flow season in the simulation period for surface water that the 50% daily flow stated for the water flow season for the node in table 1 is equalled or exceeded be at least the percentage stated in table 2.

Table 2

Column 1 Node	Column 2 August–November	Column 3 December–March	Column 4 April–July
A	16%	33%	29%
H	35%	35%	35%

- 4 At each node mentioned in table 3, column 1, minimise the extent to which the 90% daily flow stated in columns 2 to 4 of the table for each water flow season for the node is equalled or exceeded in less than 75% of the days in each water flow season for the simulation period for surface water.

Table 3

Column 1 Node	Column 2 August–November 90% daily flow	Column 3 December–March 90% daily flow	Column 4 April–July 90% daily flow
B	18	45	118
C	0	0	8
D	1	1	3
E	0	0	0
F	14	32	73
G	1	2	6
I	0	6	4

- 5 At each node mentioned in table 4, column 1, the percentage of the total number of days in the water flow season in the simulation period for surface water that the 90% daily flow stated for the water flow season for the node in table 3 is equalled or exceeded be at least the percentage stated in table 4.

Table 4

Column 1 Node	Column 2 August–November	Column 3 December–March	Column 4 April–July
A	64%	63%	49%
H	75%	75%	75%

- 6 At each node mentioned in table 5, column 1, the percentage of the total number of days in the simulation period for surface water on which the daily flow is less than 1ML be between the minimum and maximum percentages stated for the node in column 2 of the table.

[s 222]

Table 5

Column 1 Node	Column 2 Minimum–Maximum percentage
A	0–15
B	0–15
C	0–33
D	1–32
E	3–48
F	0–16
G	0–24
H	0–16
I	13–28

- 7 At each node mentioned in table 6, column 1—
- (a) minimise the extent to which the number of periods of no flow of at least 1 month but less than 3 months in the simulation period for surface water are less than the minimum or more than the maximum number stated for the node in column 2 of the table; and
 - (b) minimise the extent to which the number of periods of no flow of at least 3 months in the simulation period for surface water are less than the minimum or more than the maximum number stated for the node in column 3 of the table.

Table 6

Column 1 Node	Column 2 Minimum–maximum number	Column 3 Minimum–maximum number
A	0–15	0–1
B	0–5	0–0
C	0–55	0–2

[s 222]

Column 1 Node	Column 2 Minimum–maximum number	Column 3 Minimum–maximum number
D	0–4	0–2
E	0–89	0–11
F	0–0	0–0
G	0–15	0–2
H	0–3	0–0
I	24–32	0–0

(2) Schedule 4, part 2, table 7—
omit, insert—

Table 7

Column 1 Node	Column 2 Mean annual flow %	Column 3 1.5 year DFV %	Column 4 5 year DFV %	Column 5 20 year DFV %
A	83	93	97	97
B	86	95	93	93
C	92	97	96	98
F	95	98	99	99
H	95	98	—	—
I	98	98	—	—

(3) Schedule 4, part 3, table 8—
omit, insert—

[s 222]

Table 8

Column 1 Node	Column 2 Annual proportional flow deviation
A	1.8
B	1.7
C	1.6
F	1.6

(4) Schedule 4, part 5—

omit, insert—

Part 5 Relevant groundwater-dependent ecosystem flow objectives

- 12 At each node mentioned in table 10, column 1, groundwater levels must not exceed the drawdown deviation stated in column 2 of the table.

Table 10

Column 1 Node	Column 2 Drawdown deviation (Metres)
1	0.5
2	0.5
3	0.5
4	1.0
5	5.0
6	5.0
7	3.0
8	1.2
9	5.0
10	5.0

Column 1 Node	Column 2 Drawdown deviation (Metres)
11	1.5
12	1.1
13	0.5
14	0.6
15	0.5
16	0.5
17	1.5
18	0.8
19	0.7
20	0.5
21	0.8
22	0.6
23	2.75
24	5.0
25	1.1
26	0.5

223 Amendment of sch 10 (Dictionary)

(1) Schedule 10, definitions *level 1 drawdown deviation* and *level 2 drawdown deviation*—
omit.

(2) Schedule 10—
insert—

drawdown deviation means the drawdown below the June 2003 level that must not be exceeded for more than 365 consecutive days.

229 Amendment of s 45 (Granting particular water licence to Tablelands Regional Council)

Section 45(1), from ‘On the’ to ‘plan, the’—

omit, insert—

The

230 Replacement of s 48 (Elements of water allocations)

Section 48—

omit, insert—

48 Elements of water allocations

A water allocation to take unsupplemented water must state the following—

- (a) the daily volumetric limit for the allocation;
- (b) the annual volumetric limit for the allocation;
- (c) the conditions, if any, for the allocation.

231 Amendment of s 52 (Daily volumetric limit for a water allocation)

Section 52(1)(b), ‘0.864’—

omit, insert—

0.0864

232 Amendment of s 54 (Elements of water licences to take water from a watercourse, lake or spring)

(1) Section 54(c)—

omit.

(2) Section 54(d) to (f)—

renumber as section 54(c) to (e).

[s 233]

233 Replacement of s 58 (Daily volumetric limits for a water licence)

Section 58—

omit, insert—

58 Daily volumetric limit for a water licence

The daily volumetric limit to take unsupplemented water for an amended water licence is the daily volumetric limit mentioned in section 52 or decided by the chief executive under that section as if the amended water licence were a water allocation.

234 Amendment of s 71 (Monitoring and reporting requirements)

Section 71(1)—

omit, insert—

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state the monitoring requirements for water and natural ecosystems for this plan.

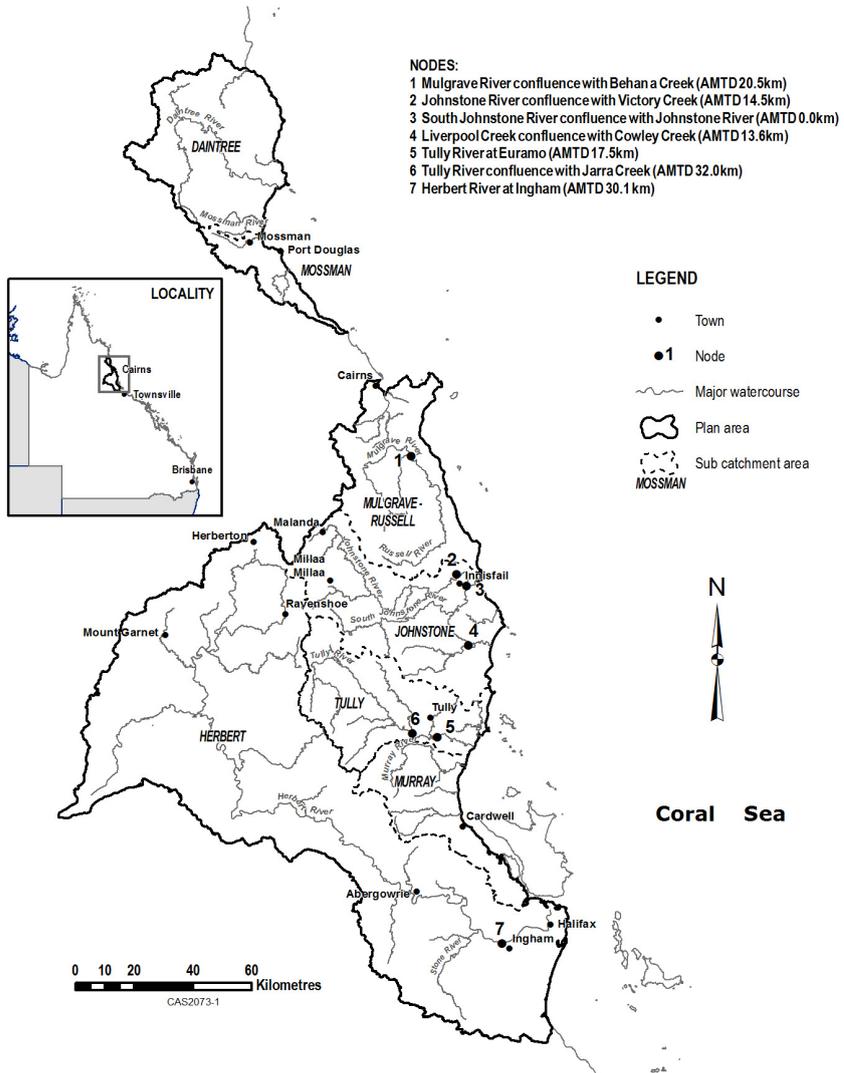
235 Replacement of sch 1 (Plan area, catchment areas and node locations)

Schedule 1—

omit, insert—

Schedule 1 Plan area, catchment areas and node locations

sections 4, 5 and 9(2)(a)



[s 236]

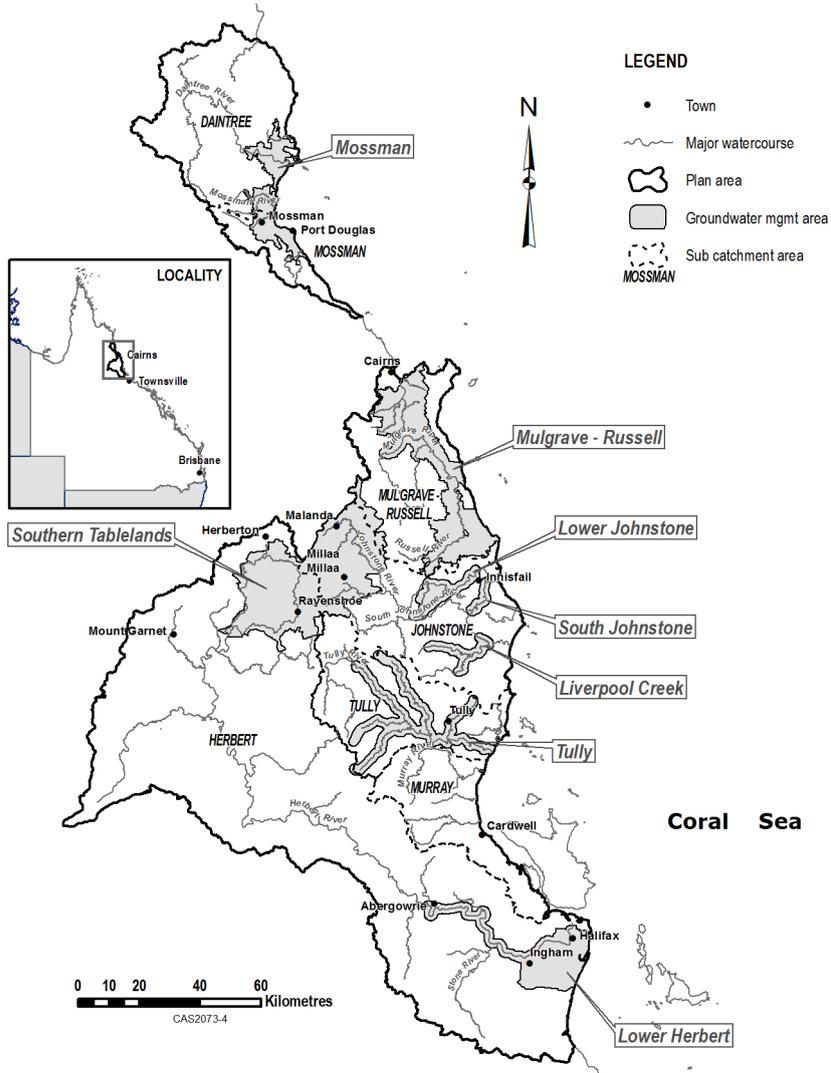
236 Replacement of sch 3 (Groundwater management areas)

Schedule 3—

omit, insert—

Schedule 3 Groundwater management areas

section 7



[s 237]

Part 22 **Amendment of Water Resource (Whitsunday) Plan 2010**

237 **Plan amended**

This part amends the *Water Resource (Whitsunday) Plan 2010*.

238 **Omission of s 21 (Measuring devices)**

Section 21—

omit.

239 **Omission of ch 5, pt 1, div 2 (Continued effect of moratorium notice)**

Chapter 5, part 1, division 2—

omit.

240 **Omission of ch 5, pt 1, div 3, sdiv 2 (Interim arrangements for applications)**

Chapter 5, part 1, division 3, subdivision 2—

omit.

241 **Omission of ch 5, pt 2, div 2, sdiv 1, hdg (Resource operations licences and distribution operations licences)**

Chapter 5, part 2, division 2, subdivision 1, heading—

omit.

242 **Omission of ch 5, pt 2, div 2, sdiv 2 (Converting authorisations to water allocations)**

Chapter 5, part 2, division 2, subdivision 2—

omit.

243 Replacement of s 51 (Elements of water allocations to take unsupplemented water)

Section 51—

omit, insert—

51 Elements of water allocations to take unsupplemented water

A water allocation to take unsupplemented water must state the following—

- (a) the maximum rate at which water may be taken under the allocation;
- (b) the daily volumetric limit for the allocation;
- (c) the annual volumetric limit for the allocation.

244 Replacement of ss 63 and 64

Sections 63 and 64—

omit, insert—

63 Maximum rates

The maximum rate at which unsupplemented water may be taken under a water licence is the maximum rate mentioned in section 55 or decided by the chief executive under that section as if the water licence were a water allocation.

64 Daily volumetric limits

The daily volumetric limit to take unsupplemented water for a water licence is the daily volumetric limit mentioned in section 56 or decided by the chief executive under that section as if the water licence were a water allocation.

[s 245]

245 Replacement of ch 6 (Monitoring and reporting requirements)

Chapter 6—

omit, insert—

Chapter 6 Monitoring and reporting requirements

79 Monitoring and reporting requirements

- (1) To help the Minister assess the effectiveness of the management strategies for achieving the outcomes mentioned in chapter 3, the resource operations plan must state—
 - (a) the monitoring requirements for water and natural ecosystems for this plan; and
 - (b) the reporting requirements for this plan for operators of infrastructure interfering with water in the plan area.
- (2) Subsection (1) does not limit the monitoring requirements the chief executive may impose for this plan.

80 Minister's report on plan—Act, s 53

- (1) The Minister's report on this plan must be prepared for a period (the *reporting period*)—
 - (a) starting on the commencement of this plan; and
 - (b) ending within 5 years—
 - (i) for the first report—after the beginning of the financial year in which this plan commenced; and

- (ii) for subsequent reports—after the end of the previous reporting period.
- (2) The Minister’s report must be prepared within 12 months after the end of the reporting period to which the report relates.
- (3) In this section—
previous reporting period, in relation to a reporting period, means the reporting period immediately preceding the reporting period.

246 Amendment of s 84 (Minor or stated amendment of plan—Act, s 57)

- (1) Section 84(g)—
omit.
- (2) Section 84(h) and (i)—
renumber as section (g) and (h).

247 Amendment of sch 8 (Dictionary)

Schedule 8, definition *priority group*—
omit, insert—

priority group means a priority group mentioned in schedule 5, part 1.

ENDNOTES

- 1 Made by the Governor in Council on 26 June 2014.
- 2 Notified on the Queensland legislation website on 27 June 2014.
- 3 The administering agency is the Department of Natural Resources and Mines.