



Water Regulations 2008¹

Select Legislative Instrument 2008 No. 106

I, PHILIP MICHAEL JEFFERY, Governor-General of the Commonwealth of Australia, acting with the advice of the Federal Executive Council, make the following Regulations under the *Water Act 2007*.

Dated 19 June 2008

P. M. JEFFERY
Governor-General

By His Excellency's Command

PENELOPE YING YEN WONG
Minister for Climate Change and Water

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Part 1 Preliminary

1.01 Name of Regulations

These Regulations are the *Water Regulations 2008*.

1.02 Commencement

These Regulations commence on the first Monday after they are registered.

1.03 Definitions

- (1) In these Regulations:

Act means the *Water Act 2007*.

Category A person has the meaning given in regulation 7.02.

Category B person has the meaning given in regulation 7.03.

Category C person has the meaning given in regulation 7.04.

Category D person has the meaning given in regulation 7.05.

Category E person has the meaning given in regulation 7.06.

Category F person has the meaning given in regulation 7.07.

Category G person has the meaning given in regulation 7.08.

Category H person has the meaning given in regulation 7.09.

data management system means the software and hardware used to manage the storage of and access to information held in a set of related files.

electronic format means a format that is machine readable, but does not include scanned documents.

major storage means any water storage that has a storage capacity of 1 GL or more.

water connection means a distribution point for a water service provided to an end user.

water restrictions means any constraints or restrictions, placed on water use by an infrastructure operator, local council or State government, that affect at least 20 000 water connections.

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web service means a software system designed to support machine-to-machine interaction, in which the machines are capable of being used or operated reciprocally over a network of computers.

- (2) In these Regulations:
GL is an acronym for gigalitre.
ML is an acronym for megalitre.

1.04 Interpretation

- (1) A reference to an *hour* in these Regulations is to a period of 60 minutes starting on the hour (eg 12:00).
- (2) A reference to a *day* in these Regulations is to a period of 24 hours starting at 12:00 midnight.
- (3) A reference to a *week* in these Regulations is to a period of seven consecutive days starting on the first moment of a Monday and finishing at the end of the following Sunday.
- (4) A reference to a *month* in these Regulations is to one of the 12 months of the calendar year (eg January).

Note The term *calendar month* in these Regulations has the meaning given by paragraph 22 (1) (g) of the *Acts Interpretation Act 1901*.

- (5) A reference to a *year* in these Regulations is to a financial year.

1.05 Definition of *Basin water resources* in subsection 4 (1) of the Act — prescribed water resources

- (1) For paragraph (a) of the definition of *Basin water resources* in subsection 4 (1) of the Act, ground water occurring beneath the Murray-Darling Basin — Hundreds of Livingston and Carcuma overlap area is prescribed.
- (2) In Schedule 1 all references to geographic coordinates are expressed in terms of the Geocentric Datum of Australia 1994.

Note The Geocentric Datum of Australia 1994 (also known as **GDA 94**) was published in *Gazette* No. GN 35 of 6 September 1995.

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(3) In this regulation:

Murray-Darling Basin — Hundreds of Livingston and Carcuma overlap area means the area described in Schedule 1.

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Part 7 Water information

Division 7.1 Purposes of Part

7.01 Purposes of Part

This Part is made for the purposes of section 126 of the Act.

Division 7.2 Persons and classes of persons

7.02 Meaning of *Category A person* — lead water agencies

Each of the following persons is a *Category A person* for the purposes of this regulation:

- (a) the Australian Government Department that administers the *Water Act 2007*;
- (b) Murray-Darling Basin Authority;
- (c) Murray-Darling Basin Commission;
- (d) the agencies of a State specified in Part 1 of Schedule 2.

7.03 Meaning of *Category B person* — other agencies of the Commonwealth or a State

A person specified in Part 2 of Schedule 2 is a *Category B person*.

7.04 Meaning of *Category C person* — hydroelectricity generators

A person specified in Part 3 of Schedule 2 is a *Category C person*.

7.05 Meaning of *Category D person* — owners or operators of major storages

A person specified in Part 4 of Schedule 2 is a *Category D person*.

7.06 Meaning of *Category E person* — rural water utilities

A person specified in Part 5 of Schedule 2 is a *Category E person*.

7.07 Meaning of *Category F person* — urban water utilities

A person specified in Part 6 of Schedule 2 is a *Category F person*.

7.08 Meaning of *Category G person* — Catchment Management Authorities and others

A person specified in Part 7 of Schedule 2 is a *Category G person*.

7.09 Meaning of *Category H person* — providers of water information for flood forecasting and warning

A person specified in Part 8 of Schedule 2 is a *Category H person*.

7.10 Persons to give water information to the Bureau

The following persons must give to the Bureau a copy of water information of the kind specified in Division 7.4 in relation to those persons:

- (a) a Category A person;
- (b) a Category B person;
- (c) a Category C person;
- (d) a Category D person;
- (e) a Category E person;
- (f) a Category F person;
- (g) a Category G person;
- (h) a Category H person.

Note A person is required to give a copy of water information to the Bureau only if it is in that person's possession, custody or control — see subsection 126 (1) of the Act.

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Division 7.3 Categories and subcategories of water information

7.11 Categories of information

- (1) For this Part, water information is water information of a kind described in the categories specified in the following table.

Category number	Description of category information
1	Surface water resource information
2	Ground water resource information
3	Information on major and minor water storages
4	Meteorological information
5	Water use information
6	Information about rights, allocations and trades in relation to water
7	Information about urban water management
8	Information about water restrictions
9	Water quality information
10	Descriptive and reference information about water information in other categories

- (2) The categories in subregulation (1) do not include water information of the following kinds:
- (a) information held in a form that is not an electronic format;
 - (b) information publicly available on the Bureau's website;
 - (c) information in the possession, custody or control of a person specified in regulation 7.10 who:
 - (i) is required to give a copy of that water information to the Bureau under Division 7.4; and
 - (ii) reasonably believes that the water information is already in the Bureau's possession; and
 - (iii) has notified the Bureau, in writing, of the decision not to provide the information because of that belief;

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- (d) information in the possession, custody or control of the following persons if the information was collected solely for a project which the person expects to be of no more than 12 calendar months duration:
 - (i) a Category C person;
 - (ii) a Category D person;
 - (iii) a Category E person;
 - (iv) a Category F person;
 - (v) a Category G person;
 - (vi) a Category H person;
 - (e) information in the possession, custody or control of a person specified in regulation 7.10 if that information was collected solely in order to fulfil a contractual arrangement with another person not specified in that regulation.
- (3) Information in each category listed below is made up of the information in the subcategories as follows:
- (a) category 1 — subcategories in Part 2 of Schedule 3;
 - (b) category 2 — subcategories in Part 3 of Schedule 3;
 - (c) category 3 — subcategories in Part 4 of Schedule 3;
 - (d) category 4 — subcategories in Part 5 of Schedule 3;
 - (e) category 5 — subcategories in Part 6 of Schedule 3;
 - (f) category 6 — subcategories in Part 7 of Schedule 3;
 - (g) category 7 — subcategories in Part 8 of Schedule 3;
 - (h) category 8 — subcategory in Part 9 of Schedule 3;
 - (i) category 9 — subcategories in Part 10 of Schedule 3;
 - (j) category 10 — subcategories in Part 11 of Schedule 3.

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Division 7.4 Water information to be given to the Bureau

7.12 Meanings of *interim period* and *grace period*

- (1) For the purposes of this Part, *interim period*, in relation to a person who, on the commencement of this Part, is specified as a person in a category mentioned in an item in the table in regulation 7.13, means the period:
 - (a) beginning on the commencement of this Part; and
 - (b) ending when the time frame specified in the corresponding column in the table for that person ends.
- (2) For the purposes of this Part, *grace period*, in relation to a person who, after this Part commences, is specified as a person in a category mentioned in an item in the table in regulation 7.13, means the period:
 - (a) beginning on the day the person is specified as a person; and
 - (b) ending three calendar months after that day.

7.13 Water information held on commencement or during interim period or grace period

- (1) This regulation applies if:
 - (a) on the commencement of this Part, a person is specified as a person in a category mentioned in an item in the table in subregulation (2), and:
 - (i) immediately before the commencement of this Part, the person had water information in the person's possession, custody or control that is specified in the corresponding column of the table, and that water information has been entered into a data management system; or
 - (ii) during the interim period for the person, water information specified in the corresponding column in the table comes into the person's possession, custody or control, and that water information is entered into a data management system; or

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- (b) after this Part commences, a person is specified as a person in a category mentioned in an item in the table in subregulation (2), and during the grace period for that person, the person has in the person's possession, custody or control water information that:
- (i) is specified in the corresponding column of the table; and
 - (ii) has been entered into a data management system.
- (2) A person mentioned in paragraph (1) (a) must give a copy of the water information to the Bureau no later than midday of the fourteenth day after the interim period specified in the corresponding column of the following table ends.

Item	Category of persons	Water information subcategories	Length of interim period
1	A and B	1a, 1b, 2a, 2b, 3e and 3f	3 calendar months
2	A and B	4a–4i, 5a and 8a	6 calendar months
3	A and B	5b–5i and 6a–6g	9 calendar months
4	A and B	9a–9h	12 calendar months
5	C	1a, 1b, 3a–3d and 3f	3 calendar months
6	C	4a–4i	6 calendar months
7	D	3a–3d	6 calendar months
8	E	1a, 1b, 2a, 2b, 3e, 4a–4i and 5a	6 calendar months
9	E	5b–5e and 6b–6d	9 calendar months
10	E	9a–9h	12 calendar months
11	F	1a, 1b, 2a, 2b, 3e, 4a–4i, 7a–7o and 8a	6 calendar months
12	F	9a–9h	12 calendar months
13	G	1a, 1b, 2a, 2b, 4a–4i and 9a–9h	12 calendar months

- (3) A person mentioned in paragraph (1) (b) must give a copy of the water information to the Bureau no later than midday of the fourteenth day after the grace period for that person ends.

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- (4) However, if:
- (a) a person is a Category C person; and
 - (b) the water information is collected from a site listed in Schedule 4;
- the person must give a copy of that water information, expressed as mean daily values, to the Bureau no later than midday of the day two calendar months after the interim period or the grace period ends.
- (5) If a person gives a copy of water information to the Bureau under this regulation, the person must, at the same time, also give to the Bureau a copy of all category 10 water information that is in the person's possession, custody or control that relates to the water information being given.
- (6) If:
- (a) a person has given a copy of water information to the Bureau under this regulation; and
 - (b) the person amends that water information during the interim period or the grace period;
- the person must give a copy of the amended water information to the Bureau no later than midday of the fourteenth day after the interim period or the grace period ends.

7.14 Continuing obligation to give water information

- (1) This regulation applies to a person if:
- (a) paragraph 7.13 (1) (a) applied to that person and the interim period for that person has ended; or
 - (b) paragraph 7.13 (1) (b) applied to that person and the grace period for that person has ended; or
 - (c) the person is a Category H person.
- (2) If:
- (a) a person is specified in an item in the following table; and
 - (b) the person has in the person's possession, custody or control water information that is specified in the corresponding column of the table; and

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(c) that water information has been entered into a data management system;

the person must give a copy of the water information to the Bureau within the time frame specified in the corresponding column of the table.

Item	Category of persons	Water information subcategory	Time frame
1	H	1a	Hourly
2	H	1b	Hourly
3	A, B, C, E, F, G	1a	Daily
4	A, B, C, E, F, G	1b	Daily
5	A, B, E, F, G	2a	Monthly
6	A, B, E, F, G	2b	Monthly
7	C, D	3a	Daily
8	C, D	3b	Daily
9	C, D	3c	Daily
10	C, D	3d	Daily
11	A, B, E, F	3e	Daily
12	A, B, C	3f	Yearly
13	H	4a	Hourly
14	A, B, C, E, F, G	4a	Daily
15	A, B, C, E, F, G	4b	Daily
16	A, B, C, E, F, G	4c	Daily
17	A, B, C, E, F, G	4d	Daily
18	A, B, C, E, F, G	4e	Daily
19	A, B, C, E, F, G	4f	Daily
20	A, B, C, E, F, G	4g	Daily
21	A, B, C, E, F, G	4h	Daily
22	A, B, C, E, F, G	4i	Daily
23	A, B, E	5a	Daily

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Item	Category of persons	Water information subcategory	Time frame
24	A, B, E	5b	Yearly
25	A, B, E	5c	Yearly
26	A, B, E	5d	Yearly
27	A, B, E	5e	Yearly
28	A, B	5f	Yearly
29	A, B	5g	Yearly
30	A, B	5h	Yearly
31	A, B	5i	Yearly
32	A, B	6a	Yearly
33	A, B, E	6b	Yearly
34	A, B, E	6c	Weekly
35	A, B, E	6d	Weekly
36	A, B	6e	Yearly
37	A, B	6f	Yearly
38	A, B	6g	Yearly
39	F	7a	Yearly
40	F	7b	Yearly
41	F	7c	Yearly
42	F	7d	Yearly
43	F	7e	Yearly
44	F	7f	Yearly
45	F	7g	Yearly
46	F	7h	Yearly
47	F	7i	Yearly
48	F	7j	Yearly
49	F	7k	Yearly
50	F	7l	Yearly
51	F	7m	Yearly

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Item	Category of persons	Water information subcategory	Time frame
52	F	7n	Yearly
53	F	7o	Yearly
54	A, B, F	8a	At the same time that a water restriction announcement is made
55	A, B, E, F, G	9a	Daily
56	A, B, E, F, G	9b	Yearly
57	A, B, E, F, G	9c	Yearly
58	A, B, E, F, G	9d	Yearly
59	A, B, E, F, G	9e	Yearly
60	A, B, E, F, G	9f	Yearly
61	A, B, E, F, G	9g	Yearly
62	A, B, E, F, G	9h	Yearly

(3) Paragraph (2) (c) does not apply to information in subcategory 8a.

(4) However, if:

(a) a person is a Category C person; and

(b) the water information is collected from a site listed in Schedule 4;

the person must give a copy of that water information, expressed as mean daily values, to the Bureau no later than midday of the day two calendar months after the information was entered onto the data management system.

(5) If:

(a) a person has given a copy of water information to the Bureau under subregulation (2); and

(b) the person amends that water information;

the person must give a copy of the amended water information to the Bureau within the time frame specified in the table in subregulation (2) for that water information.

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- (6) If:
- (a) a person gave a copy of water information to the Bureau under regulation 7.13; and
 - (b) after the end of the interim period or grace period for that person the person amends that water information;
- the person must give a copy of the amended water information to the Bureau within the time frame specified in the table in subregulation (2) for that water information.
- (7) If the person gives a copy of water information to the Bureau under this regulation, the person must, at the same time, also give to the Bureau a copy of all category 10 water information that is in the person's possession, custody or control that relates to the water information being given.

7.15 When information is to be given to the Bureau

- (1) If:
- (a) an item in the table in regulation 7.14 specifies that the time frame for giving water information to the Bureau is hourly; and
 - (b) during a particular hour the water information was entered into a data management system used by a person who is required to give that information to the Bureau;
- the person must give that water information to the Bureau no later than five minutes after the end of that particular hour.
- (2) If:
- (a) an item in the table in regulation 7.14 specifies that the time frame for giving water information to the Bureau is daily; and
 - (b) on a particular day the water information was entered into a data management system used by a person who is required to give that information to the Bureau;
- the person must give that water information to the Bureau no later than midday on the next day following that particular day.

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- (3) If:
- (a) an item in the table in regulation 7.14 specifies that the time frame for giving water information to the Bureau is weekly; and
 - (b) during a particular week the water information was entered into a data management system used by a person who is required to give that information to the Bureau;
- the person must give that water information to the Bureau no later than midday on the first day of the next week following that particular week.
- (4) If:
- (a) an item in the table in regulation 7.14 specifies that the time frame for giving water information to the Bureau is monthly; and
 - (b) during a particular month the water information was entered into a data management system used by a person who is required to give that information to the Bureau;
- the person must give that water information to the Bureau no later than midday on the second day of the next month following that particular month.
- (5) If:
- (a) an item in the table in regulation 7.14 specifies that the time frame for giving water information to the Bureau is yearly; and
 - (b) during a particular year the water information was entered into a data management system used by a person who is required to give that information to the Bureau;
- the person must give that water information to the Bureau no later than midday on the twentieth day of the next year following that particular year.

7.16 Water information collected during a project of no more than 48 calendar months duration

- (1) This regulation applies if:
- (a) water information is collected by a person solely for the purpose of a project that the person expects to be of no more than 48 calendar months duration; and

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- (b) the water information is entered into a data management system; and
 - (c) the person is not a Category H person.
- (2) The person is not required to give a copy of that water information to the Bureau under regulation 7.13.
 - (3) The time frames for giving water information to the Bureau in the table in regulation 7.14 do not apply to the person.
 - (4) If an interim period or a grace period applied to the person, the person must give to the Bureau a copy of the water information that was collected:
 - (a) during each full year that begins after the interim period or grace period for that person has ended, for the duration of the project; and
 - (b) during the period that starts immediately after the end of the last full year and ending on the last day of the project; no later than 3 months after the end of the year to which the information relates.
 - (5) If the person gives a copy of water information to the Bureau under this regulation, the person must, at the same time, also give to the Bureau a copy of all category 10 water information that is in the person's possession, custody or control that relates to the water information being given.

7.17 Application to first information period

- (1) If an interim period or a grace period for a person ends after the start of a week (the *first week*) then:
 - (a) subregulation 7.15 (3) does not apply to the first week; and
 - (b) subregulation 7.15 (3) applies to the next week as if the next week also included the period from the end of the interim period or grace period to the end of the first week.
- (2) If an interim period or a grace period for a person ends after the start of a month (the *first month*) then:
 - (a) subregulation 7.15 (4) does not apply to the first month; and

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- (b) subregulation 7.15 (4) applies to the next month as if the next month also included the period from the end of the interim period or grace period to the end of the first month.

7.18 How information is to be given to the Bureau

- (1) A person must give a copy of water information under regulations 7.13 and 7.16 to the Bureau:
 - (a) in the form of a CD, DVD or external hard drive; or
 - (b) by way of the Internet using File Transfer Protocol (FTP) or web services.
- (2) A person must give a copy of water information under regulation 7.14 to the Bureau by way of the Internet using FTP or web services.
- (3) However:
 - (a) information in categories 5 and 6 may be given to the Bureau in the form of a CD, DVD or external hard drive; and
 - (b) information in subcategory 8a may be given to the Bureau in an email sent to the email address, if any, specified on the Bureau's website as being for this purpose.
- (4) If a person is required to include a time reference in the water information, the person must also include the time zone against which the time reference is made.
- (5) If:
 - (a) a person is required to give a copy of water information to the Bureau under this Part; and
 - (b) the description of a subcategory of water information in Schedule 3 provides that the water information should be expressed using a particular unit of measurement; and
 - (c) the person has measured the water information using a different unit of measurement from what is provided in the description in Schedule 3;the person must convert the unit of measurement into the unit required by the description in Schedule 3 before giving a copy of that water information to the Bureau.

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Part 10 **Murray-Darling Basin
Authority (special powers)****10.01 Identity cards**

For subsection 218 (1) of the Act, an identity card issued to an authorised officer must be in a form that:

- (a) is not smaller than 85 mm by 53 mm in size; and
- (b) contains the following information on the front of the card:
 - (i) the full name of the authorised officer;
 - (ii) the signature of the authorised officer;
 - (iii) for the photograph required under subsection 218 (1) of the Act, an image showing the authorised officer's full face, and his or her head and shoulders;
 - (iv) a statement that the person to whom the card is issued is appointed as an authorised officer by the Authority under subsection 217 (1) of the Act;
 - (v) a unique card number;
 - (vi) the date the card expires;
 - (vii) the Australian coat of arms; and
- (c) contains the following information on the back of the card:
 - (i) the date the card was issued;
 - (ii) the phone number of the Authority;
 - (iii) instructions for the return of the identity card if found.

Note Subsection 218 (1) of the Act provides that an identity card issued to an authorised officer must contain a recent photograph of the officer.

Schedule 1 Murray-Darling Basin — Hundreds of Livingston and Carcuma overlap area

(regulation 1.05)

The Murray-Darling Basin — Hundreds of Livingston and Carcuma overlap area is the area bounded by a line beginning at 35° 29' 24.62" S 140° 07' 44.92" E and running progressively as described in the following table.

Item	Description
1	Southerly along the geodesic to 35° 29' 58.21" S 140° 07' 44.94" E
2	South along that meridian to its intersection with the parallel of latitude 35° 30' 00.12" S
3	Southerly along the geodesic to 35° 30' 52.84" S 140° 07' 44.97" E
4	Southerly along the geodesic to 35° 32' 15.96" S 140° 07' 45.01" E
5	East along that parallel to its intersection with the meridian of longitude 140° 07' 45.03" E
6	Easterly along the geodesic to 35° 32' 15.98" S 140° 08' 06.79" E
7	East along that parallel to its intersection with the meridian of longitude 140° 08' 08.00" E
8	East along that parallel to its intersection with the meridian of longitude 140° 08' 09.50" E
9	Easterly along the geodesic to 35° 32' 16.03" S 140° 09' 38.79" E
10	Easterly along the geodesic to 35° 32' 16.04" S 140° 10' 18.16" E
11	East along that parallel to its intersection with the meridian of longitude 140° 10' 20.74" E
12	Easterly along the geodesic to 35° 32' 16.06" S 140° 11' 44.73" E
13	East along that parallel to its intersection with the meridian of longitude 140° 13' 56.18" E
14	East along that parallel to its intersection with the meridian of longitude 140° 14' 18.98" E

Item	Description
15	Easterly along the geodesic to 35° 32' 16.04" S 140° 15' 12.04" E
16	Southerly along the geodesic to 35° 33' 22.01" S 140° 15' 12.02" E
17	Westerly along the geodesic to 35° 33' 23.67" S 140° 14' 53.63" E
18	Westerly along the geodesic to 35° 33' 25.47" S 140° 13' 44.36" E
19	Westerly along the geodesic to 35° 33' 30.55" S 140° 12' 56.84" E
20	Westerly along the geodesic to 35° 33' 47.57" S 140° 11' 55.76" E
21	Westerly along the geodesic to 35° 34' 01.69" S 140° 10' 57.04" E
22	Westerly along the geodesic to 35° 34' 15.62" S 140° 10' 03.04" E
23	Westerly along the geodesic to 35° 34' 33.44" S 140° 08' 59.70" E
24	Westerly along the geodesic to 35° 34' 47.95" S 140° 08' 01.48" E
25	Westerly along the geodesic to 35° 35' 03.72" S 140° 07' 03.47" E
26	Westerly along the geodesic to 35° 35' 14.95" S 140° 06' 04.47" E
27	Westerly along the geodesic to 35° 35' 26.14" S 140° 05' 02.45" E
28	Westerly along the geodesic to 35° 35' 17.24" S 140° 04' 03.68" E
29	Westerly along the geodesic to 35° 35' 14.84" S 140° 03' 09.90" E
30	Westerly along the geodesic to 35° 35' 16.72" S 140° 02' 04.70" E
31	Westerly along the geodesic to 35° 35' 20.65" S 140° 01' 00.20" E
32	Westerly along the geodesic to 35° 35' 20.61" S 139° 59' 55.00" E
33	Westerly along the geodesic to 35° 35' 16.26" S 139° 58' 49.14" E
34	Westerly along the geodesic to 35° 35' 00.49" S 139° 58' 10.08" E
35	North-westerly along the geodesic to 35° 34' 37.56" S 139° 57' 47.83" E
36	North-westerly along the geodesic to 35° 33' 57.77" S 139° 57' 14.11" E
37	North-westerly along the geodesic to 35° 33' 19.91" S 139° 56' 15.88" E
38	North-westerly along the geodesic to 35° 32' 50.89" S 139° 55' 06.66" E
39	Westerly along the geodesic to 35° 32' 33.51" S 139° 54' 07.94" E
40	Westerly along the geodesic to 35° 32' 27.34" S 139° 53' 13.23" E

Item	Description
41	Westerly along the geodesic to 35° 32' 18.28" S 139° 52' 13.41" E
42	Westerly along the geodesic to 35° 32' 21.81" S 139° 51' 09.25" E
43	Westerly along the geodesic to 35° 32' 22.01" S 139° 50' 07.89" E
44	Westerly along the geodesic to 35° 32' 25.32" S 139° 49' 03.62" E
45	Westerly along the geodesic to 35° 32' 29.89" S 139° 48' 03.47" E
46	Westerly along the geodesic to 35° 32' 40.52" S 139° 47' 24.09" E
47	Westerly along the geodesic to 35° 32' 51.16" S 139° 46' 49.13" E
48	Northerly along the geodesic to 35° 31' 33.60" S 139° 46' 49.09" E
49	North along that meridian to its intersection with the parallel of latitude 35° 31' 32.60" S
50	Northerly along the geodesic to 35° 31' 31.60" S 139° 46' 49.08" E
51	Northerly along the geodesic to 35° 29' 35.70" S 139° 46' 48.98" E
52	North along that meridian to its intersection with the parallel of latitude 35° 29' 33.25" S
53	North along that meridian to its intersection with the parallel of latitude 35° 29' 28.95" S
54	Northerly along the geodesic to 35° 29' 27.00" S 139° 46' 48.80" E
55	East along that parallel to its intersection with the meridian of longitude 139° 46' 48.83" E
56	East along that parallel to its intersection with the meridian of longitude 139° 46' 48.98" E
57	East along that parallel to its intersection with the meridian of longitude 139° 46' 52.54" E
58	Easterly along the geodesic to 35° 29' 26.99" S 139° 46' 58.97" E
59	Easterly along the geodesic to 35° 29' 26.98" S 139° 47' 02.19" E
60	Easterly along the geodesic to 35° 29' 26.91" S 139° 47' 49.22" E
61	Easterly along the geodesic to 35° 29' 26.77" S 139° 49' 04.07" E
62	Easterly along the geodesic to 35° 29' 26.76" S 139° 49' 13.02" E
63	Easterly along the geodesic to 35° 29' 26.75" S 139° 49' 15.49" E
64	Easterly along the geodesic to 35° 29' 26.61" S 139° 50' 28.08" E
65	Easterly along the geodesic to 35° 29' 26.59" S 139° 50' 36.26" E

Item	Description
66	Easterly along the geodesic to 35° 29' 26.45" S 139° 51' 43.65" E
67	East along that parallel to its intersection with the meridian of longitude 139° 51' 45.18" E
68	Easterly along the geodesic to 35° 29' 26.44" S 139° 51' 50.65" E
69	Easterly along the geodesic to 35° 29' 26.34" S 139° 52' 33.36" E
70	Easterly along the geodesic to 35° 29' 26.32" S 139° 52' 39.31" E
71	Easterly along the geodesic to 35° 29' 26.20" S 139° 53' 28.63" E
72	East along that parallel to its intersection with the meridian of longitude 139° 53' 28.66" E
73	East along that parallel to its intersection with the meridian of longitude 139° 53' 28.67" E
74	Easterly along the geodesic to 35° 29' 26.14" S 139° 53' 38.08" E
75	Easterly along the geodesic to 35° 29' 26.13" S 139° 53' 53.17" E
76	Easterly along the geodesic to 35° 29' 26.12" S 139° 53' 59.01" E
77	Easterly along the geodesic to 35° 29' 26.08" S 139° 54' 45.36" E
78	Easterly along the geodesic to 35° 29' 25.97" S 139° 56' 25.10" E
79	Easterly along the geodesic to 35° 29' 25.93" S 139° 56' 52.41" E
80	East along that parallel to its intersection with the meridian of longitude 139° 56' 54.80" E
81	Easterly along the geodesic to 35° 29' 25.77" S 139° 58' 43.86" E
82	Easterly along the geodesic to 35° 29' 25.68" S 139° 59' 38.97" E
83	East along that parallel to its intersection with the meridian of longitude 139° 59' 40.36" E
84	East along that parallel to its intersection with the meridian of longitude 139° 59' 40.56" E
85	Easterly along the geodesic to 35° 29' 25.60" S 140° 00' 25.15" E
86	East along that parallel to its intersection with the meridian of longitude 140° 00' 30.15" E
87	Easterly along the geodesic to 35° 29' 25.47" S 140° 01' 36.98" E
88	East along that parallel to its intersection with the meridian of longitude 140° 01' 38.16" E

Item	Description
89	Easterly along the geodesic to 35° 29' 25.46" S 140° 01' 39.38" E
90	Easterly along the geodesic to 35° 29' 25.07" S 140° 04' 32.05" E
91	Easterly along the geodesic to 35° 29' 25.08" S 140° 04' 33.55" E
92	East along that parallel to its intersection with the meridian of longitude 140° 04' 34.35" E
93	Easterly along the geodesic to 35° 29' 24.94" S 140° 05' 33.64" E
94	Easterly along the geodesic to 35° 29' 24.92" S 140° 05' 43.86" E
95	Easterly along the geodesic to 35° 29' 24.91" S 140° 05' 47.59" E
96	Easterly along the geodesic to 35° 29' 24.89" S 140° 05' 51.75" E
97	East along that parallel to its intersection with the meridian of longitude 140° 05' 52.00" E
98	East along that parallel to its intersection with the meridian of longitude 140° 05' 55.11" E
99	Easterly along the geodesic to 35° 29' 24.63" S 140° 07' 30.14" E
100	Easterly along the geodesic to 35° 29' 24.59" S 140° 07' 44.92" E
101	Southerly along that meridian to the point where the line began

Schedule 2 Persons

(Division 7.2)

Part 1 Category A persons — lead water agencies

1. Department of Water and Energy, New South Wales
2. Department of Sustainability and Environment, Victoria
3. Department of Natural Resources and Water, Queensland
4. Department of Water, Western Australia
5. Department of Water, Land and Biodiversity Conservation, South Australia
6. Department of Primary Industries and Water, Tasmania
7. Department of Territory and Municipal Services, Australian Capital Territory
8. Department of Natural Resources, Environment and the Arts, Northern Territory

Part 2 Category B persons — other agencies of the Commonwealth or a State

State	Person
Commonwealth	National Capital Authority
New South Wales	Department of Commerce
	Department of Environment and Climate Change
	Department of Primary Industries
	State Water Corporation (State Water)
	Sydney Catchment Authority

State	Person
Victoria	Department of Primary Industries Department of Sustainability and Environment Environment Protection Authority
Queensland	Department of Primary Industries and Fisheries Environmental Protection Agency
Western Australia	Department of Agriculture and Food Department of Environment and Conservation Department of Housing and Works Department of Industry and Resources Forest Products Commission Main Roads Western Australia Swan River Trust
South Australia	Department for Environment and Heritage Department of Primary Industries and Resources Environment Protection Authority ForestrySA South Australia State Emergency Service
Tasmania	Department of Environment, Parks, Heritage and the Arts Department of Infrastructure, Energy and Resources Forestry Tasmania Inland Fisheries Service
Australian Capital Territory	Department of Territory and Municipal Services
Northern Territory	Department of Primary Industry, Fisheries and Mines

**Part 3 Category C persons — hydroelectricity
generators**

1. AGL Hydro Partnership
2. Eraring Energy
3. Hydro-electric Corporation (Hydro Tasmania)
4. Pacific Hydro Pty Ltd
5. Snowy Hydro Limited
6. Stanwell Corporation Limited

**Part 4 Category D persons — owners or
operators of major storages**

State	Person
Commonwealth	National Capital Authority
New South Wales	ACTEW Corporation Limited
	Armidale Dumaresq Council
	Bathurst Regional Council
	Bega Valley Shire Council
	Cabonne Shire Council
	Central Tablelands Water
	Coffs Harbour City Council
	Country Water
	Delta Electricity
	Department of Environment and Climate Change
	Department of Water and Energy
	Eraring Energy
	Eurobodalla Shire Council
	Gosford City Council
	Goulburn Mulwaree Council

State	Person
	Hunter Water
	Inverell Shire Council
	Kempsey Shire Council
	Liverpool Plains Shire Council
	Macquarie Generation
	MidCoast Water
	Mid-Western Regional Council
	Murray-Darling Basin Authority
	Murray-Darling Basin Commission
	New England Weeds Authority
	Orange City Council
	Parkes Shire Council
	Port Macquarie-Hastings Council
	Rous Water (Rous County Council)
	Shoalhaven Water (Shoalhaven City Council)
	State Water Corporation (State Water)
	Sydney Catchment Authority
	Sydney Water Corporation (Sydney Water)
	Tamworth Regional Council
	Tenterfield Shire Council
	Tumbarumba Shire Council
	Tweed Shire Council
	Warrumbungle Shire Council
	Wingecarribee Shire Council
	Wyang Shire Council
	Yass Valley Council
Victoria	AGL Hydro Partnership
	Barwon Region Water Corporation (Barwon Water)

State	Person
	Central Gippsland Region Water Corporation (Gippsland Water)
	Central Highlands Water
	Coliban Region Water Corporation (Coliban Water)
	Department of Sustainability and Environment
	Environment Protection Authority
	Gippsland and Southern Rural Water Corporation (Southern Rural Water)
	Goulburn-Murray Rural Water Corporation (Goulburn-Murray Water)
	Goulburn Valley Region Water Corporation (Goulburn Valley Water)
	Grampians Wimmera Mallee Water Corporation (GWMWater)
	International Power (Australia) Pty Ltd
	Loy Yang Power
	Melbourne Water Corporation (Melbourne Water)
	Murray-Darling Basin Authority
	Murray-Darling Basin Commission
	North East Region Water Corporation (North East Water)
	South Gippsland Region Water Corporation (South Gippsland Water)
	Wannon Region Water Corporation (Wannon Water)
Queensland	Belyando Shire Council
	Brisbane Water (Brisbane City Council)
	Cairns Regional Council
	Cloncurry Shire Council
	Croydon Shire Council
	Department of Natural Resources and Water
	Department of Primary Industries and Fisheries

State	Person
	Dumaresq-Barwon Border Rivers Commission
	Environmental Protection Agency
	Gladstone Area Water Board
	Gold Coast Water (Gold Coast City Council)
	Moreton Bay Regional Council
	Mount Isa Water Board
	Murray-Darling Basin Authority
	Murray-Darling Basin Commission
	North Burdekin Water Board
	Queensland Bulk Water Supply Authority
	Redland Water & Waste (Redland City Council)
	Rockhampton Regional Council
	Sarina Shire Council
	South Burdekin Water Board
	South Burnett Regional Council
	Southern Downs Regional Council
	Stanthorpe Shire Council
	Stanwell Corporation Limited
	Sunshine Coast Regional Council
	SunWater
	Tarong Energy
	Toowoomba Regional Council
	Torres Shire Council
	Townsville City Council
Western Australia	Department of Environment and Conservation
	Department of Industry and Resources
	Water Corporation

State	Person
South Australia	Department for Environment and Heritage Department of Primary Industries and Resources Department of Water, Land and Biodiversity Conservation Environment Protection Authority Murray-Darling Basin Authority Murray-Darling Basin Commission South Australian Water Corporation (SA Water)
Tasmania	Burnie City Council Department of Environment, Parks, Heritage and the Arts Department of Infrastructure, Energy and Resources Department of Primary Industries and Water Hobart Water Hydro-electric Corporation (Hydro Tasmania) Rivers & Water Supply Commission, Department of Primary Industries and Water
Northern Territory	Power and Water Corporation (Power and Water)

Part 5 Category E persons — rural water utilities

State	Person
New South Wales	Coleambally Irrigation Co-operative Limited Murray Irrigation Limited Murrumbidgee Irrigation Limited State Water Corporation (State Water)
Victoria	First Mildura Irrigation Trust Gippsland and Southern Rural Water Corporation (Southern Rural Water)

State	Person
	Goulburn-Murray Rural Water Corporation (Goulburn-Murray Water)
	Grampians Wimmera Mallee Water Corporation (GWMWater)
	Lower Murray Urban and Rural Water Corporation (Lower Murray Water)
Queensland	SunWater
Western Australia	Gascoyne Water Co-operative Ltd Harvey Water Ord Irrigation Co-operative Ltd
South Australia	Central Irrigation Trust

Part 6 Category F persons — urban water utilities

State	Person
New South Wales	Albury City Council Ballina Shire Council Bathurst Regional Council Bega Valley Shire Council Byron Shire Council Clarence Valley Council Coffs Harbour City Council Country Energy Dubbo City Council Eurobodalla Shire Council Fish River Water Supply Goldenfields Water County Council Gosford City Council Goulburn Mulwaree Council

State	Person
	Hunter Water
	Kempsey Shire Council
	Lismore City Council
	MidCoast Water
	Orange City Council
	Port Macquarie-Hastings Council
	Queanbeyan City Council
	Riverina Water (Riverina Water County Council)
	Rous Water (Rous County Council)
	Shoalhaven Water (Shoalhaven City Council)
	Sydney Catchment Authority
	Sydney Water Corporation (Sydney Water)
	Tamworth Regional Council
	Tweed Shire Council
	Wagga Wagga City Council
	Wingecarribee Shire Council
	Wyang Shire Council
Victoria	Barwon Region Water Corporation (Barwon Water)
	Central Gippsland Region Water Corporation (Gippsland Water)
	Central Highlands Water
	City West Water Limited
	Coliban Region Water Corporation (Coliban Water)
	East Gippsland Region Water Corporation (East Gippsland Water)
	Goulburn Valley Region Water Corporation (Goulburn Valley Water)
	Grampians Wimmera Mallee Water Corporation (GWMWater)

State	Person
	Lower Murray Urban and Rural Water Corporation (Lower Murray Water)
	Melbourne Water Corporation (Melbourne Water)
	North East Region Water Corporation (North East Water)
	South East Water Limited
	South Gippsland Region Water Corporation (South Gippsland Water)
	Wannon Region Water Corporation (Wannon Water)
	Westernport Water
	Western Water
	Yarra Valley Water Limited
Queensland	Brisbane Water (Brisbane City Council)
	Fitzroy River Water (Rockhampton City Council)
	Fraser Coast Regional Council
	Gladstone Area Water Board
	Gold Coast Water (Gold Coast City Council)
	Ipswich Water (Ipswich City Council)
	Logan Water (Logan City Council)
	Maroochy Water Services
	Pine Water (Moreton Bay Regional Council)
	Queensland Bulk Water Supply Authority
	Redland Water & Waste (Redland City Council)
	Sunshine Coast Regional Council
	SunWater
	Toowoomba Regional Council
	Townsville City Council
Western Australia	AQWEST (Bunbury Water Board)
	Water Corporation
South Australia	South Australian Water Corporation (SA Water)

State	Person
Tasmania	Clarence City Council Cradle Coast Water Devonport City Council Esk Water Authority (Esk Water) Glenorchy City Council Hobart City Council Hobart Water Launceston City Council
Australian Capital Territory	ACTEW Corporation Limited
Northern Territory	Power and Water Corporation (Power and Water)

Part 7 **Category G persons — Catchment Management Authorities and others**

State	Person
New South Wales	Border Rivers-Gwydir Catchment Management Authority Central West Catchment Management Authority Hawkesbury-Nepean Catchment Management Authority Hunter-Central Rivers Catchment Management Authority Lachlan Catchment Management Authority Lower Murray Darling Catchment Management Authority Murray Catchment Management Authority Murrumbidgee Catchment Management Authority Namoi Catchment Management Authority Northern Rivers Catchment Management Authority Southern Rivers Catchment Management Authority

State	Person
Victoria	Sydney Metropolitan Catchment Management Authority
	Western Catchment Management Authority
	Corangamite Catchment Management Authority
	East Gippsland Catchment Management Authority
	Glenelg Hopkins Catchment Management Authority
	Goulburn Broken Catchment Management Authority
	Mallee Catchment Management Authority
	North Central Catchment Management Authority
	North East Catchment Management Authority
	Port Phillip and Westernport Catchment Management Authority
Queensland	West Gippsland Catchment Management Authority
	Wimmera Catchment Management Authority
	Burdekin Dry Tropics Natural Resource Management
	Burnett Mary Regional Group
	Cape York Peninsula Development Association Inc.
	Condamine Catchment Natural Resource Management Corporation Limited (Condamine Alliance)
	Desert Channels Queensland Inc.
	Fitzroy Basin Association Inc.
	Mackay Whitsunday Natural Resource Management Group
	Northern Gulf Resource Management Group
	Queensland Murray-Darling Committee
	SEQ Catchments Limited
	Southern Gulf Catchments Limited
	South West NRM Ltd
Terrain Natural Resource Management	
Torres Strait Regional Authority	

State	Person
Western Australia	Avon Catchment Council
	Northern Agricultural Catchments Council
	Rangelands NRM Co-ordinating Group Inc.
	South Coast Natural Resources Management Inc.
	South West Catchments Council
	Swan Catchment Council
South Australia	Adelaide and Mount Lofty Ranges Natural Resource Management Board
	Alinytjara Wilurara Natural Resource Management Board
	City of Salisbury
	Eyre Peninsula Natural Resource Management Board
	Kangaroo Island Natural Resource Management Board
	Northern and Yorke Natural Resource Management Board
	South Australian Arid Lands Natural Resource Management Board
	South Australian Murray-Darling Basin Natural Resource Management Board
	South Eastern Water Conservation and Drainage Board
	South East Natural Resource Management Board
Tasmania	Cradle Coast Authority
	NRM North
	NRM South
Australian Capital Territory	ACT Natural Resource Management Board
Northern Territory	Natural Resource Management Board (NT) Inc.

Part 8 **Category H persons — providers of water
information for flood forecasting and
warning**

State	Person
Commonwealth	National Capital Authority
New South Wales	Ballina Shire Council
	Bathurst Regional Council
	Bellingen Shire Council
	Byron Shire Council
	Clarence Valley Council
	Coffs Harbour City Council
	Cooma-Monaro Shire Council
	Department of Commerce (Manly Hydraulics Laboratory)
	Department of Environment and Climate Change
	Department of Water and Energy
	Gloucester Shire Council
	Great Lakes Council
	Kempsey Shire Council
	Lismore City Council
	Nambucca Shire Council
	Port Macquarie-Hastings Council
	Shoalhaven Water (Shoalhaven City Council)
	Sydney Catchment Authority
	Sydney Metropolitan Catchment Management Authority
	Tamworth Regional Council
	Tweed Shire Council
	Wollongong City Council
	Wyong Shire Council

State	Person
Victoria	AGL Hydro Partnership
	Alpine Shire Council
	Barwon Region Water Corporation (Barwon Water)
	Benalla Rural City
	Central Gippsland Region Water Corporation (Gippsland Water)
	Central Highlands Water
	City of Greater Geelong
	Colac-Otway Shire Council
	Coliban Region Water Corporation (Coliban Water)
	Corangamite Catchment Management Authority
	Department of Sustainability and Environment
	East Gippsland Catchment Management Authority
	East Gippsland Shire Council
	East Gippsland Region Water Corporation (East Gippsland Water)
	Gippsland and Southern Rural Water Corporation (Southern Rural Water)
	Glenelg Hopkins Catchment Management Authority
	Golden Plains Shire Council
	Goulburn Broken Catchment Management Authority
	Goulburn-Murray Rural Water Corporation (Goulburn-Murray Water)
	Goulburn Valley Region Water Corporation (Goulburn Valley Water)
	Grampians Wimmera Mallee Water Corporation (GWMWater)
	Greater Shepparton City Council
	Hindmarsh Shire Council
	Horsham Rural City Council
	Latrobe City Council

State	Person
	Lower Murray Urban and Rural Water Corporation (Lower Murray Water)
	Mallee Catchment Management Authority
	Melbourne Water Corporation (Melbourne Water)
	Mitchell Shire Council
	Murrindindi Shire Council
	North Central Catchment Management Authority
	North East Catchment Management Authority
	North East Region Water Corporation (North East Water)
	Northern Grampians Shire Council
	Parks Victoria
	River Murray Water (MDBC)
	Rural City of Wangarratta
	Strathbogie Shire Council
	Surf Coast Shire Council
	Wellington Shire Council
	West Gippsland Catchment Management Authority
	Wimmera Catchment Management Authority
	Yarriambiack Shire Council
Queensland	Beaudesert Shire Council
	Burdekin Shire Council
	Cairns Regional Council
	Cassowary Coast Regional Council
	Dalby Regional Council
	Department of Natural Resources and Water
	Environmental Protection Agency
	Fraser Coast Regional Council
	Gold Coast Water (Gold Coast City Council)

State	Person
	Hervey Bay City Council
	Hinchinbrook Shire Council
	Ipswich Water (Ipswich City Council)
	Logan Water (Logan City Council)
	Mackay Regional Council
	Moreton Bay Regional Council
	Pioneer River Improvement Trust
	Queensland Bulk Water Supply Authority
	Redland Water & Waste (Redland City Council)
	Scenic Rim Regional Council
	Southern Downs Regional Council
	Sunshine Coast Regional Council
	SunWater
	Townsville City Council
	Whitsunday Regional Council
Western Australia	Department of Agriculture and Food
	Department of Water
	Main Roads Western Australia
	Water Corporation
South Australia	City of Salisbury
	South Australian Water Corporation (SA Water)
Tasmania	Department of Primary Industries and Water
	Glenorchy City Council
	Hobart City Council
	Huon Valley Council
	Hydro-electric Corporation (Hydro Tasmania)
	Launceston City Council
Australian Capital Territory	ACTEW Corporation Limited

Schedule 3 Subcategories of information

(regulation 7.11)

Part 1 Definitions

In this Schedule:

Australian water access entitlement means a perpetual or ongoing entitlement, by or under a law of a State, to exclusive access to a share of the water resources of a water resource plan area or other water management area.

Australian water allocation means the specific volume of water allocated to an Australian water access entitlement in a given water accounting period.

commercial water means the total amount of metered and estimated non-metered, potable and non-potable, water supplied to commercial properties.

downward longwave exposure means the total amount of terrestrial electromagnetic energy that falls on a specified unit horizontal surface.

downward longwave irradiance means the longwave irradiance emitted from the sky that falls on a specified unit horizontal surface.

dry-bulb air temperature means the temperature of air measured by a thermometer freely exposed to the air but shielded from radiation and moisture.

electrical conductivity, in relation to a water sample, means the ability of the water in the sample to conduct an electrical current.

exposure means the measure of the energy received per unit area.

global solar exposure means the total amount of electromagnetic energy emitted from the sun that falls on a specified unit horizontal surface.

global solar irradiance means the irradiance emitted from the sun that falls on a specified unit horizontal surface.

industrial water is the total amount of metered and estimated non-metered, potable and non-potable, water supplied to industrial properties.

irradiance means the measure of the rate of electromagnetic energy received per unit area.

minor storage means any water storage in which water is stored for taking and that meets the following criteria:

- (a) it is not a major storage;
- (b) it has a storage capacity of 100 ML or more;
- (c) it is not used primarily for the precipitation of ash;
- (d) it is not a mine tailings dam;
- (e) it is not managed by an urban infrastructure operator primarily for the purposes of flood management or pollution abatement.

municipal water means the total amount of metered and estimated non-metered, potable and non-potable, water supplied for municipal purposes.

net exposure means the net global solar exposure plus the net longwave exposure.

net global solar exposure means the global solar exposure less the reflected global solar exposure.

net global solar irradiance means the global solar irradiance less the reflected global solar irradiance.

net irradiance means the net global solar irradiance plus the net longwave irradiance.

net longwave exposure means the downward longwave exposure less the upward longwave exposure.

net longwave irradiance means the downward longwave irradiance less the upward longwave exposure.

reflected global solar exposure means the total amount of electromagnetic energy emitted from the sun that is reflected from the ground and irradiates a specified unit horizontal surface from underneath.

reflected global solar irradiance means the irradiance emitted from the sun that is reflected from the ground and irradiates a specified unit horizontal surface from underneath.

residential water means the total amount of metered and estimated non-metered, potable and non-potable water supplied to residential properties.

self extract means to take water directly from a water resource for the use of the person who takes the water, but does not include taking water:

- (a) to provide it to another person; or
- (b) under a stock and domestic right; or
- (b) from an infrastructure operator.

tidal limit, in relation to a watercourse, means the maximum upstream location on that watercourse at which a tidal variation in water level is observed.

total nitrogen, in relation to a water sample, means the measure of all forms of nitrogen found in the water sample, including nitrate, nitrite, ammonia-N and organic forms of nitrogen.

total phosphorus, in relation to a water sample, means the total concentration of all forms of phosphorus found in the water sample.

total suspended solids, in relation to a water sample, means the measure of the particles mixed in the water sample.

turbidity, in relation to a water sample, means the amount of small particles of solid matter suspended in the water sample, measured by the amount of scattering and absorption of light rays caused by the particles.

upward longwave exposure means the total amount of terrestrial electromagnetic energy emitted from the Earth's surface that irradiates a specified unit horizontal surface from underneath.

upward longwave irradiance means the longwave irradiance emitted by the Earth's surface that irradiates a specified unit horizontal surface from underneath.

urban water means the total residential, commercial, municipal, industrial and other water supplied by urban water utilities.

vapour pressure deficit means the difference between the amount of moisture in the air and how much moisture the air can hold when it is saturated.

water management area means any area defined for the purposes of water management, including a water resource plan area.

wet-bulb air temperature means the temperature of air measured by a thermometer that has its bulb wrapped in wet muslin.

wind run means the product of the average wind speed and the period over which that average speed was measured.

Part 2 Subcategories in category 1 — surface water resource information

Subcategory number	Subcategory information
1a	Instantaneous watercourse level, expressed in metres relative to specified datum, and the time of the observation
1b	Instantaneous watercourse discharge, expressed in cumecs, and the time of the observation

Part 3 Subcategories in category 2 — ground water resource information

Subcategory number	Subcategory information
2a	Ground water level of a bore, expressed in metres relative to specified datum, and the time of the observation
2b	Ground water pressure of a bore, expressed in kilopascals, the aquifer layer and depth at which the pressure is measured, and the time of the observation

Part 4 Subcategories in category 3 — information on major and minor water storages

Subcategory number	Subcategory information
3a	Level of water held in a major storage, expressed in metres relative to specified datum, and the time of the observation
3b	Volume of water held in a major storage, expressed in megalitres, and the time of the observation
3c	Total daily volume of water released from a major storage to a watercourse, expressed in megalitres per day, the start and finish times of the observation, and date of the observation
3d	Total daily volume of water transferred between major storages, expressed in megalitres per day, the start and finish times of the observation, and date of the observation
3e	Volume of water held in a minor storage, expressed in megalitres, and the time of the observation
3f	Information in registers of major storages and information about dams prescribed under dam safety regulations as referable dams, including the location, dimensions, capacity, ownership and owner's contact details for major storages and for referable dams

Part 5 Subcategories in category 4 — meteorological information

Subcategory number	Subcategory information
4a	Accumulated precipitation depth for a specified time interval, expressed in millimetres, and the time of the observation
4b	Instantaneous wind speed expressed in metres per second, wind direction, and wind run expressed in kilometres over a specified period, and the time of the observation
4c	Total daily evaporation from a Class A evaporation pan, expressed in millimetres per day, the start and finish times of the observation, and date of the observation

Subcategory number	Subcategory information
4d	Global solar exposure, reflected global solar exposure, downward longwave exposure, upward longwave exposure, and net exposure, including the following (where applicable): <ul style="list-style-type: none">(a) the exposure expressed in joules per square metre;(b) the length of the exposure expressed in seconds;(c) the estimated 95% uncertainty expressed in joules per square metre;(d) the number of samples added;(e) the time and date the measurement finished
4e	Global solar irradiance, reflected global solar irradiance, downward longwave irradiance, upward longwave irradiance, and net irradiance, including the following (where applicable): <ul style="list-style-type: none">(a) the average irradiance expressed in watts per square metre;(b) the averaging period expressed in seconds;(c) the estimated 95% uncertainty expressed in watts per square metre;(d) the number of samples averaged;(e) the sample standard deviation expressed in watts per square metre;(f) the time and date the measurement finished
4f	Instantaneous dry-bulb air temperature, expressed in degrees Celsius, and the time of the observation
4g	Instantaneous wet-bulb air temperature, expressed in degrees Celsius, and the time of the observation
4h	The instantaneous relative humidity, expressed as a percentage, and the time of the observation
4i	The instantaneous vapour pressure deficit, expressed in millibars, and the time of the observation

Part 6 Subcategories in category 5 — water use information

Subcategory number	Subcategory information
5a	The total daily volume of water diverted from a watercourse to an irrigation network, expressed in megalitres per day, the start and finish times of the observation, and date of the observation
5b	The total daily volume of water returned to a watercourse from an irrigation network, expressed in megalitres per day, the start and finish times of the observations, and dates of the observations
5c	The total daily volume of water returned to a water storage from an irrigation network, expressed in megalitres per day, the start and finish times of the observations, and dates of the observations
5d	The total daily volume of water supplied to all irrigators in an irrigation network, expressed in megalitres per day, the start and finish times of the observations, and dates of the observations
5e	The total monthly volume of water supplied to individual irrigators in an irrigation network, expressed in megalitres per month, the start and finish times of the observations, and dates of the observations
5f	The total monthly volume of water taken by individual self extractors, expressed in megalitres per month, the start and finish times of the observations, and dates of the observations
5g	The total monthly volume of water taken from a watercourse by self extractors, expressed in megalitres per month, the start and finish times of the observations, and dates of the observations
5h	The total monthly volume of water extracted from a bore by self extractors, expressed in megalitres per month, the start and finish times of the observations, and dates of the observations
5i	The total monthly volume of water a self extractor returns to a watercourse, expressed in megalitres per month, the start and finish times of the observations, and dates of the observations

**Part 7 Subcategories in category 6 —
information about rights, allocations and
trades in relation to water**

Subcategory number	Subcategory information
6a	For Australian water access entitlements — the type, volume of water, and the water management area in which the entitlement exists
6b	For permanent Australian water access entitlement trades — the type of entitlement traded, transaction commencement and finalisation dates, volume of water traded or entitlement share traded, gross and net share sale price, and the water management areas water has moved from and to
6c	For temporary Australian water allocation trades and leases — the type of allocation traded or leased, transaction commencement and finalisation dates, volume of water traded or leased, gross and net sale price, and the water management areas water has moved from and to
6d	For formal announcements of Australian water allocations made to Australian water access entitlements and formal announcements of reductions to allocations already made — a copy of the announcement, plus details of the water management area to which the allocation announcement applies and the type of entitlement affected
6e	For a permit to operate a minor storage — the location of the storage and the maximum permissible storage volume
6f	For a permit to self extract water from a bore — the location and permitted depth of the bore, the maximum permissible extraction volume and any other conditions of use
6g	For a permit to self extract water from a watercourse — the location of the extraction point, the maximum permissible extraction volume and any other conditions of use

Part 8 Subcategories in category 7 — information about urban water management

Subcategory number	Subcategory information
7a	The total weekly volume of water taken from surface water, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7b	The total weekly volume of water taken from ground water, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7c	The total weekly volume of water taken from desalination, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7d	The total weekly volume of water taken from recycling, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7e	The total weekly volume of water received from infrastructure operators, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7f	The total weekly volume of bulk recycled water purchased, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7g	The total weekly volume of water taken, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7h	The total weekly volume of residential water supplied, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7i	The total weekly volume of commercial, municipal and industrial water supplied, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7j	The total weekly volume of water supplied, other than residential, commercial, municipal and industrial water, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations

Subcategory number	Subcategory information
7k	The total weekly volume of urban water supplied, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7l	The total weekly volume of bulk water exports, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7m	The total weekly volume of bulk recycled water exports, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7n	The total weekly volume of sewage discharges from a sewage discharge point into a watercourse, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations
7o	The total weekly volume of stormwater discharges from a stormwater discharge point into a watercourse, expressed in megalitres per week, the start and finish times of the observations, and dates of the observations

Part 9 Subcategory in category 8 — information about water restrictions

Subcategory number	Subcategory information
8a	Water use restriction announcements indicating level, commencement and termination dates, a description of water restriction levels and where they apply — definitions for each restriction level, the water savings target and the geographic area in which the restriction conditions apply described so that it can be accurately mapped

Part 10 Subcategories in category 9 — water quality information

Subcategory number	Subcategory information
9a	The instantaneous electrical conductivity of a water sample collected above the tidal limit of the watercourse, expressed in microsiemens per centimetre at 25°C, and the time of the observation
9b	The instantaneous electrical conductivity of a ground water sample collected above the tidal limit of the watercourse, expressed in microsiemens per centimetre at 25°C, and the time of the observation
9c	The instantaneous total suspended solids concentration of a water sample collected above the tidal limit of a watercourse, expressed in milligrams per litre, and the time of the observation
9d	The instantaneous turbidity of a water sample collected above the tidal limit of a watercourse, expressed in nephelometric turbidity units, and the time of the observation
9e	The instantaneous total phosphorus concentration of a water sample collected above the tidal limit of a watercourse, expressed in milligrams per litre, and the time of the observation
9f	The instantaneous total nitrogen concentration of a water sample collected above the tidal limit of a watercourse, expressed in milligrams per litre, and the time of the observation
9g	The instantaneous pH of a water sample collected above the tidal limit of a watercourse, and the time of the observation
9h	The instantaneous temperature of a water sample collected above the tidal limit of a watercourse, expressed in degrees Celsius, and the time of the observation

**Part 11 Subcategories in category 10 —
descriptive and reference information
about water information in other
categories**

Subcategory number	Subcategory information
10a	Tables that enable the derivation of volumetric flow from water level or stage height — the complete historical sequence of rating tables, indicating the time span across which the rating should apply
10b	Rating tables for the surface area and storage volume derivation of major storages — the complete historical sequence of rating tables relating major storage water level to reservoir surface area and storage volume, indicating the dead storage level and volume, and indicating the time span across which the rating should apply
10c	Description of Australian water access entitlements — the name of the entitlement, its reliability and security characteristics, any special conditions that apply to it, and the geographic area in which the entitlement is valid, described so that it can be accurately mapped
10d	Description of all water management areas — the name of the water management area and a description so that it can be accurately mapped
10e	Metadata about other water information
10f	Manuals or protocols that describe procedures used in measuring, managing or interpreting water information

Schedule 4 Commercially sensitive sites

(paragraphs 7.13 (4) (b) and 7.14 (4) (b))

Item	Station name	Station number
1	B/L Liawenee	28
2	At [old] Liawenee	68
3	At weir	122
4	A/B Nive River	123
5	Lake King William	128
6	At No.9 Bridge	129
7	A/B Tungatinah	136
8	Great Lake at Poatina Inlet	139
9	B/L Dee River	140
10	New U/S site	141
11	A/B Arm	153
12	Lake Augusta	155
13	B/L Mossy Marsh	156
14	B/L Palmers (new)	157
15	B/L Intake	166
16	Pine Tier Lagoon	171
17	Lake Echo	176
18	@ Marlbor"H Hwy	180
19	@ Intake	186
20	A/B Franklin Rv	187
21	Laughing Jack	189
22	Wayatinah Lagoon	190
23	B/L L Augusta	242
24	B/L Pump Intake	245
25	B/L Hornes Crk [+WHM]	256
26	@ Chainage 407	283

Item	Station name	Station number
27	Lake Henty	286
28	Lake Plimsoll Lake Level	294
29	White Spur Pond	295
30	Lake Newton	296
31	Lake Burbury	298
32	B/L Stringers	387
33	B/L Queen River	403
34	@ Mon"Yata Weir	415
35	@ No.1 Drop	490
36	A/B Forth	524
37	Lake Rowallan	562
38	Cluny Lagoon	573
39	Liapootah Pond	579
40	Lake Repulse	580
41	Lake Catagunya	592
42	Lake Parangana	594
43	Lake Barrington	604
44	Lake Gairdner	613
45	Lake Cethana	625
46	Lake Paloona	627
47	Lake Mackenzie	629
48	B/L L.Mackenzie	630
49	At weir	632
50	Lake Gordon	646
51	Lake Pedder	648
52	Lake Mackintosh	656
53	Lake Murchison	657
54	Lake Rosebery	658
55	U"Stream site (Noels)	663

Item	Station name	Station number
56	D"Stream site (Noels)	663
57	At shaft	672
58	@ Road Bridge	674
59	B/L Quarter Mile Br.	704
60	@ No.4 Damsite	729
61	At Cressy pumps	733
62	Lake Pieman	742
63	PS Tailrace	763
64	At No.3B Weir	826
65	@ Trans"N Inlet	838
66	B/L Ripple Diversion	849
67	At G4	1192
68	@ Lake Fidler	1194
69	Gordon B/L Denison	1198
70	A/B Lake Mackintosh	2096
71	G5 – River probe	2400
72	G5 – Doline Cave (GA)	2400
73	G6 – RB River probe	2401
74	D/S Trevallyn Dam	2409
75	Above Denison Rv	2491
76	A/B Palmers Rivulet	2501
77	Poatina Regulation Pond	2507
78	Cressy Longf"D	18300
79	Snowy River below Cobbin Creek	222020
80	Snowy River above Island Bend	222527
81	Snowy River above Guthega Reservoir	222532
82	Guthega Pondage	222537
83	Island Bend Pondage	222539
84	Mowamba River at Pat's Patch	222546

Item	Station name	Station number
85	Swampy Plain River at Khancoban II	401501
86	Tooma River above Tooma Reservoir	401554
87	Geehi River above Geehi Reservoir	401560
88	Tooma Reservoir	401565
89	Khancoban Pondage	401569
90	Geehi Reservoir	401570
91	Murray 2 Pondage	401571
92	Tumut River above Happy Jacks Pondage	410533
93	Happy Jacks River above Happy Jacks Pondage	410534
94	Tumut Pond	410542
95	Tumut 2 Pondage	410545
96	Talbingo Reservoir	410572
97	Jounama Pondage	410573
98	Gooradigbee River Flume	410578
99	Perisher Range Aqueduct	600160
100	Section Creek Aqueduct	600161
101	Eight Mile Creek Aqueduct	600162
102	Burrungubuggee Aqueduct	600165
103	Gungarlin Aqueduct	600166
104	Barr Ridge Aqueduct	600167
105	Diggers Creek Aqueduct	600168
106	Gooradigbee River Aqueduct	600169
107	Burkes Gorge Aqueduct	600175
108	Geehi Aqueduct	600176
109	Middle Creek Aqueduct	600177
110	Cascade Creek Aqueduct	600178
111	Mowamba Aqueduct	600179
112	Swampy Plain River below Khancoban Pondage	600183

Note

1. All legislative instruments and compilations are registered on the Federal Register of Legislative Instruments kept under the *Legislative Instruments Act 2003*. See <http://www.frli.gov.au>.