



Independent Pricing and Regulatory Tribunal

Water Administration Ministerial Corporation

Maximum prices for water management services
from 1 July 2016

Water — Determination
June 2016



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from 1 July 2016

Determination No. 2, 2016

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Preliminary

1 Background

- (a) Section 11 of the *Independent Pricing and Regulatory Tribunal Act 1992* (**IPART Act**) gives the Independent Pricing and Regulatory Tribunal (**IPART**) a standing reference to conduct investigations and make reports to the Minister administering the IPART Act on the determination of the pricing for a government monopoly service supplied by a government agency specified in Schedule 1 of the IPART Act.
- (b) The Water Administration Ministerial Corporation (**Corporation**) is listed in Schedule 1 of the IPART Act.
- (c) The services which are declared as government monopoly services under clause 3 of the *Independent Pricing and Regulatory Tribunal (Water Services) Order 2004* are services supplied by the Corporation which involve:
 - (1) the making available of water;
 - (2) the making available of the Corporation's water supply facilities;
or
 - (3) the supplying of water, whether by means of the Corporation's water supply facilities or otherwise,(together, the **Monopoly Services**).
- (d) Under section 4(6) of the IPART Act, the Corporation is taken to be the supplier of the services for which fees and charges are payable under Chapter 3 of the *Water Management Act 2000* (**Water Management Act**).
- (e) In practice, charges for such water resource management activities are made as charges under licences, permits, approvals or authorities granted by:
 - (1) the Minister under Chapter 3 of the Water Management Act (in areas of NSW in which proclamations under sections 55A and 88A of the Water Management Act are in force); and
 - (2) the Corporation under the *Water Act 1912* (**Water Act**) (in other areas of NSW).
- (f) Accordingly, in determining maximum prices for the Monopoly Services, IPART has determined maximum prices payable for these services under various licences, permits, approvals or authorities granted under the Water Management Act and the Water Act.

- (g) Under section 18(2) of the IPART Act, the Corporation and the Minister may not fix or take action to fix a price for the Monopoly Services below that determined by IPART without the approval of the Treasurer.

2 Application of this determination

- (a) Under section 11 of the IPART Act, this determination fixes the maximum prices that the Corporation may charge for the Monopoly Services referred to in clause 6 of the Preliminary section of this determination.
- (b) No charges may be levied on any person for the Monopoly Services referred to in clause 6 of the Preliminary section of this determination other than as provided in this determination.
- (c) This determination commences on the later of:
 - (1) 1 July 2016; and
 - (2) the date that it is published in the NSW Government Gazette (**Commencement Date**).
- (d) The maximum prices set out in this determination apply from the Commencement Date to 30 June 2020. The maximum prices prevailing at 30 June 2020 continue to apply beyond 30 June 2020 until this determination is replaced.

3 Replacement of Determination No. 4 of 2010

- (a) This determination replaces Determination No. 4 of 2010 from the Commencement Date.
- (b) The replacement does not affect anything done or omitted to be done, or rights or obligations accrued, under Determination No. 4 of 2010 prior to its replacement.

4 Monitoring

IPART may monitor the performance of the Corporation for the purposes of:

- (a) establishing and reporting on the level of compliance by the Corporation with this determination; and
- (b) preparing for a periodic review of pricing policies in respect of the Monopoly Services.

5 Approach to determining maximum prices

- (a) In accordance with section 13A(1) of the IPART Act, IPART has fixed the maximum price for the Monopoly Services referred to in clause 6 of the Preliminary section of this determination.
- (b) In determining the pricing of those Monopoly Services, IPART has had regard to a broad range of matters, including the matters set out in section 15(1) of the IPART Act.

6 Schedules

- (a) Schedule 1 and the tables in that schedule set out the maximum prices that the Corporation may charge for the Monopoly Services related to Regulated Rivers.
- (b) Schedule 2 and the tables in that schedule set out the maximum prices that the Corporation may charge for the Monopoly Services related to Unregulated Rivers.
- (c) Schedule 3 and the tables in that schedule set out the maximum prices that the Corporation may charge for the Monopoly Services related to Groundwater.
- (d) Schedule 4 and the tables in that schedule set out the maximum service fees and charges that the Corporation may charge for other services that form part of the Monopoly Services and which relate to Regulated Rivers, Unregulated Rivers and Groundwater (as applicable).

7 Definitions and Interpretation

Schedule 5 sets out the definitions and interpretation provisions used in this determination.

Schedule 1 Regulated Rivers

1 Application

- 1.1 This schedule sets the maximum prices that the Corporation may charge for the Monopoly Services provided under a Water Licence that authorises the taking of water from a Regulated River.
- 1.2 Some charges set out in schedule 4 also apply in relation to Monopoly Services provided under a Water Licence that authorises the taking of water from a Regulated River.
- 1.3 The river valleys referred to in this schedule are more fully described in clause 2.8 of schedule 5.

2 Maximum prices

- 2.1 The maximum annual price that the Corporation may charge for the Monopoly Services provided under a Water Licence referred to in clause 1.1 of this schedule (other than a licence specified in clause 2.2 or clause 2.3 of this schedule) is the higher of:
 - (a) the annual charge set out in Table 1 for the relevant year; and
 - (b) the sum of the following:
 - (1) an entitlement charge calculated as follows:

$$EC \times E$$

where:

- (A) **EC** is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in Table 2 for the relevant river valley and relevant year; and
- (B) **E** is a licence holder's Entitlement or unit share for that year; and

- (2) a water take charge (being a charge expressed in dollars per megalitre of water taken) in either Table 3 (if a Floodplain Harvesting Regulation has not been made in respect of the relevant river valley) or Table 3(a) (if a Floodplain Harvesting Regulation has been made in respect of the relevant river valley) for:
 - (A) **in the case of a Tagged Water Entitlement:** the relevant river valley as set out in the Licence Register and the relevant year, multiplied by the licence holder's water take for that year; and
 - (B) **in any other case:** the relevant river valley from which the water is used and the relevant year, multiplied by the licence holder's water take for that year.
- 2.2 The maximum annual price that the Corporation may charge for the Monopoly Services provided under a Supplementary Water Access Licence or a Floodplain Harvesting Access Licence is the higher of:
 - (a) the annual charge set out in Table 1 for the relevant year; and
 - (b) a water take charge (being a charge expressed in dollars per megalitre of water taken) calculated in accordance with clause 2.1(b)(2) of this schedule.
- 2.3 The maximum annual price that the Corporation may charge for the Monopoly Services provided under a Major Utility (Barnard) Access Licence is the annual charge set out in Table 1 for the relevant year.
- 2.4 The Corporation must not recover a water take charge from more than one licence holder in respect of the same water taken.

Tables 1, 2, 3 and 3(a)

Table 1 Minimum annual charge for Regulated Rivers (\$)

Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
151.95	$169.17 \times (1+\Delta\text{CPI}_1)$	$186.39 \times (1+\Delta\text{CPI}_2)$	$202.60 \times (1+\Delta\text{CPI}_3)$

Table 2 Entitlement charge for Regulated Rivers (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	2.16	$2.16 \times (1+\Delta\text{CPI}_1)$	$2.16 \times (1+\Delta\text{CPI}_2)$	$2.16 \times (1+\Delta\text{CPI}_3)$
Gwydir	1.41	$1.45 \times (1+\Delta\text{CPI}_1)$	$1.50 \times (1+\Delta\text{CPI}_2)$	$1.54 \times (1+\Delta\text{CPI}_3)$
Namoi	2.59	$2.59 \times (1+\Delta\text{CPI}_1)$	$2.59 \times (1+\Delta\text{CPI}_2)$	$2.59 \times (1+\Delta\text{CPI}_3)$
Peel	2.29	$2.37 \times (1+\Delta\text{CPI}_1)$	$2.45 \times (1+\Delta\text{CPI}_2)$	$2.53 \times (1+\Delta\text{CPI}_3)$
Lachlan	1.36	$1.36 \times (1+\Delta\text{CPI}_1)$	$1.36 \times (1+\Delta\text{CPI}_2)$	$1.36 \times (1+\Delta\text{CPI}_3)$
Macquarie	1.62	$1.62 \times (1+\Delta\text{CPI}_1)$	$1.62 \times (1+\Delta\text{CPI}_2)$	$1.62 \times (1+\Delta\text{CPI}_3)$
Murray	1.46	$1.46 \times (1+\Delta\text{CPI}_1)$	$1.46 \times (1+\Delta\text{CPI}_2)$	$1.46 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	1.24	$1.28 \times (1+\Delta\text{CPI}_1)$	$1.31 \times (1+\Delta\text{CPI}_2)$	$1.34 \times (1+\Delta\text{CPI}_3)$
North Coast	3.76	$3.76 \times (1+\Delta\text{CPI}_1)$	$3.76 \times (1+\Delta\text{CPI}_2)$	$3.76 \times (1+\Delta\text{CPI}_3)$
Hunter	2.72	$2.81 \times (1+\Delta\text{CPI}_1)$	$2.89 \times (1+\Delta\text{CPI}_2)$	$2.96 \times (1+\Delta\text{CPI}_3)$
South Coast	3.17	$3.17 \times (1+\Delta\text{CPI}_1)$	$3.17 \times (1+\Delta\text{CPI}_2)$	$3.17 \times (1+\Delta\text{CPI}_3)$

Table 3 Water take charges for Regulated Rivers where no Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	1.69	$1.69 \times (1+\Delta\text{CPI}_1)$	$1.69 \times (1+\Delta\text{CPI}_2)$	$1.69 \times (1+\Delta\text{CPI}_3)$
Gwydir	1.22	$1.26 \times (1+\Delta\text{CPI}_1)$	$1.29 \times (1+\Delta\text{CPI}_2)$	$1.33 \times (1+\Delta\text{CPI}_3)$
Namoi	1.74	$1.74 \times (1+\Delta\text{CPI}_1)$	$1.74 \times (1+\Delta\text{CPI}_2)$	$1.74 \times (1+\Delta\text{CPI}_3)$
Peel	4.06	$4.21 \times (1+\Delta\text{CPI}_1)$	$4.37 \times (1+\Delta\text{CPI}_2)$	$4.51 \times (1+\Delta\text{CPI}_3)$
Lachlan	1.82	$1.82 \times (1+\Delta\text{CPI}_1)$	$1.82 \times (1+\Delta\text{CPI}_2)$	$1.82 \times (1+\Delta\text{CPI}_3)$
Macquarie	1.75	$1.75 \times (1+\Delta\text{CPI}_1)$	$1.75 \times (1+\Delta\text{CPI}_2)$	$1.75 \times (1+\Delta\text{CPI}_3)$
Murray	1.04	$1.04 \times (1+\Delta\text{CPI}_1)$	$1.04 \times (1+\Delta\text{CPI}_2)$	$1.04 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	0.82	$0.84 \times (1+\Delta\text{CPI}_1)$	$0.86 \times (1+\Delta\text{CPI}_2)$	$0.89 \times (1+\Delta\text{CPI}_3)$
North Coast	5.80	$5.80 \times (1+\Delta\text{CPI}_1)$	$5.80 \times (1+\Delta\text{CPI}_2)$	$5.80 \times (1+\Delta\text{CPI}_3)$
Hunter	1.86	$1.91 \times (1+\Delta\text{CPI}_1)$	$1.97 \times (1+\Delta\text{CPI}_2)$	$2.03 \times (1+\Delta\text{CPI}_3)$
South Coast	5.04	$5.04 \times (1+\Delta\text{CPI}_1)$	$5.04 \times (1+\Delta\text{CPI}_2)$	$5.04 \times (1+\Delta\text{CPI}_3)$

Table 3(a) Water take charges for Regulated Rivers where a Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	1.32	$1.32 \times (1+\Delta\text{CPI}_1)$	$1.32 \times (1+\Delta\text{CPI}_2)$	$1.32 \times (1+\Delta\text{CPI}_3)$
Gwydir	1.00	$1.00 \times (1+\Delta\text{CPI}_1)$	$1.00 \times (1+\Delta\text{CPI}_2)$	$1.00 \times (1+\Delta\text{CPI}_3)$
Namoi	1.36	$1.36 \times (1+\Delta\text{CPI}_1)$	$1.36 \times (1+\Delta\text{CPI}_2)$	$1.36 \times (1+\Delta\text{CPI}_3)$
Macquarie	1.58	$1.58 \times (1+\Delta\text{CPI}_1)$	$1.58 \times (1+\Delta\text{CPI}_2)$	$1.58 \times (1+\Delta\text{CPI}_3)$

Schedule 2 Unregulated Rivers

1 Application

- 1.1 This schedule sets the maximum prices that the Corporation may charge for the Monopoly Services provided under a Water Licence that authorises the taking of water from an Unregulated River.
- 1.2 The charges set out in schedule 4 also apply in relation to Monopoly Services provided in relation to a Water Licence that authorises the taking of water from an Unregulated River.
- 1.3 The river valleys referred to in this schedule are more fully described in clause 2.8 of schedule 5.

2 Maximum prices

- 2.1 The maximum annual price that the Corporation may charge for the Monopoly Services provided under a Water Licence referred to in clause 1.1 of this schedule (other than a licence specified in clause 2.2 or clause 2.3 of this schedule) is the higher of:
 - (a) the annual charge set out in Table 4 for the relevant year; and
 - (b) **where the Water Licence holder has a Meter:** the sum of the following:
 - (1) an entitlement charge calculated as follows:

$$EC \times E$$

where:

- (A) **EC** is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in either Table 5 (if a Floodplain Harvesting Regulation has not been made in respect of the relevant river valley) or Table 5(a) (if a Floodplain Harvesting Regulation has been made in respect of the relevant river valley) for the relevant year; and
- (B) **E** is a licence holder's Entitlement or unit share for that year; and

- (2) where the Water Licence holder is Water NSW, an entitlement charge in addition to the entitlement charge set out in clause 2.1(b)(1) above calculated as follows:

$$EC \times E$$

where:

- (A) EC is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in Table 5(b) for the relevant river valley and relevant year; and
- (B) E is a licence holder's Entitlement or unit share for that year; and
- (3) a water take charge (being a charge expressed in dollars per megalitre of water taken) in either Table 6 (if a Floodplain Harvesting Regulation has not been made in respect of the relevant river valley) or Table 6(a) (if a Floodplain Harvesting Regulation has been made for the relevant river valley) for:
- (A) **in the case of a Tagged Water Entitlement:** the relevant river valley as set out in the Licence Register and the relevant year, multiplied by the licence holder's water take for that year; and
- (B) **in any other case:** the relevant river valley from which the water is used and the relevant year, multiplied by the licence holder's water take for that year; and
- (c) **where the Water Licence holder does not have a Meter:** an entitlement charge calculated as follows:

$$EC \times E$$

where:

- (1) EC is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in either Table 7 (if a Floodplain Harvesting Regulation has not been made in respect of the relevant river valley) or Table 7(a) (if a Floodplain Harvesting Regulation has been made in respect of the relevant river valley) for the relevant year; and
- (2) E is a licence holder's Entitlement or unit share for that year.

- 2.2 The maximum annual charge that the Corporation may levy for the Monopoly Services provided under a Supplementary Water Access Licence, Special Additional High Flow Access Licence or a Floodplain Harvesting Access Licence is the higher of:
- (a) the annual charge set out in Table 4 for the relevant year; and
 - (b) a water take charge (being a charge expressed in dollars per megalitre of water taken) calculated in accordance with clause 2.1(b)(3) of this schedule.
- 2.3 The maximum annual charge that the Corporation may levy for the Monopoly Services provided under an Unregulated River (Regulated Supply) Access Licence or a Major Utility (Grahamstown) Access Licence is the annual charge set out in Table 4 for the relevant year.
- 2.4 The Corporation must not recover a water take charge from more than one licence holder in respect of the same water taken.

Tables 4, 5, 5(a), 5(b), 6, 6(a), 7 and 7(a)

Table 4 Minimum annual charge for Unregulated Rivers (\$)

Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
151.95	$169.17 \times (1+\Delta\text{CPI}_1)$	$186.39 \times (1+\Delta\text{CPI}_2)$	$202.60 \times (1+\Delta\text{CPI}_3)$

Table 5 Entitlement charges for Unregulated Rivers where the Water Licence holder has a Meter and no Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	2.19	$2.19 \times (1+\Delta\text{CPI}_1)$	$2.19 \times (1+\Delta\text{CPI}_2)$	$2.19 \times (1+\Delta\text{CPI}_3)$
Gwydir	2.19	$2.19 \times (1+\Delta\text{CPI}_1)$	$2.19 \times (1+\Delta\text{CPI}_2)$	$2.19 \times (1+\Delta\text{CPI}_3)$
Namoi	2.19	$2.19 \times (1+\Delta\text{CPI}_1)$	$2.19 \times (1+\Delta\text{CPI}_2)$	$2.19 \times (1+\Delta\text{CPI}_3)$
Peel	2.19	$2.19 \times (1+\Delta\text{CPI}_1)$	$2.19 \times (1+\Delta\text{CPI}_2)$	$2.19 \times (1+\Delta\text{CPI}_3)$
Lachlan	2.55	$2.55 \times (1+\Delta\text{CPI}_1)$	$2.55 \times (1+\Delta\text{CPI}_2)$	$2.55 \times (1+\Delta\text{CPI}_3)$
Macquarie	2.55	$2.55 \times (1+\Delta\text{CPI}_1)$	$2.55 \times (1+\Delta\text{CPI}_2)$	$2.55 \times (1+\Delta\text{CPI}_3)$
Far West	3.91	$3.91 \times (1+\Delta\text{CPI}_1)$	$3.91 \times (1+\Delta\text{CPI}_2)$	$3.91 \times (1+\Delta\text{CPI}_3)$
Murray	2.50	$2.50 \times (1+\Delta\text{CPI}_1)$	$2.50 \times (1+\Delta\text{CPI}_2)$	$2.50 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	3.10	$3.10 \times (1+\Delta\text{CPI}_1)$	$3.10 \times (1+\Delta\text{CPI}_2)$	$3.10 \times (1+\Delta\text{CPI}_3)$
North Coast	4.35	$4.35 \times (1+\Delta\text{CPI}_1)$	$4.35 \times (1+\Delta\text{CPI}_2)$	$4.35 \times (1+\Delta\text{CPI}_3)$
Hunter	1.23	$1.23 \times (1+\Delta\text{CPI}_1)$	$1.23 \times (1+\Delta\text{CPI}_2)$	$1.23 \times (1+\Delta\text{CPI}_3)$
South Coast	1.66	$1.66 \times (1+\Delta\text{CPI}_1)$	$1.66 \times (1+\Delta\text{CPI}_2)$	$1.66 \times (1+\Delta\text{CPI}_3)$

Table 5(a) Entitlement charges for Unregulated Rivers where the Water Licence holder has a Meter and a Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Far West	4.04	$4.04 \times (1+\Delta\text{CPI}_1)$	$4.04 \times (1+\Delta\text{CPI}_2)$	$4.04 \times (1+\Delta\text{CPI}_3)$

Table 5(b) Entitlement charges for Unregulated Rivers where the Water Licence holder is Water NSW and has a Meter and no Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
South Coast	0.86	$0.86 \times (1+\Delta\text{CPI}_1)$	$0.86 \times (1+\Delta\text{CPI}_2)$	$0.86 \times (1+\Delta\text{CPI}_3)$

Note: The charge is payable in addition to standard entitlement charges for South Coast unregulated rivers.

Table 6 Water take charges for Unregulated Rivers where the Water Licence holder has a Meter and no Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	2.34	$2.34 \times (1+\Delta\text{CPI}_1)$	$2.34 \times (1+\Delta\text{CPI}_2)$	$2.34 \times (1+\Delta\text{CPI}_3)$
Gwydir	2.34	$2.34 \times (1+\Delta\text{CPI}_1)$	$2.34 \times (1+\Delta\text{CPI}_2)$	$2.34 \times (1+\Delta\text{CPI}_3)$
Namoi	2.34	$2.34 \times (1+\Delta\text{CPI}_1)$	$2.34 \times (1+\Delta\text{CPI}_2)$	$2.34 \times (1+\Delta\text{CPI}_3)$
Peel	2.34	$2.34 \times (1+\Delta\text{CPI}_1)$	$2.34 \times (1+\Delta\text{CPI}_2)$	$2.34 \times (1+\Delta\text{CPI}_3)$
Lachlan	2.76	$2.76 \times (1+\Delta\text{CPI}_1)$	$2.76 \times (1+\Delta\text{CPI}_2)$	$2.76 \times (1+\Delta\text{CPI}_3)$
Macquarie	2.76	$2.76 \times (1+\Delta\text{CPI}_1)$	$2.76 \times (1+\Delta\text{CPI}_2)$	$2.76 \times (1+\Delta\text{CPI}_3)$
Far West	2.40	$2.40 \times (1+\Delta\text{CPI}_1)$	$2.40 \times (1+\Delta\text{CPI}_2)$	$2.40 \times (1+\Delta\text{CPI}_3)$
Murray	3.99	$3.99 \times (1+\Delta\text{CPI}_1)$	$3.99 \times (1+\Delta\text{CPI}_2)$	$3.99 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	5.51	$5.51 \times (1+\Delta\text{CPI}_1)$	$5.51 \times (1+\Delta\text{CPI}_2)$	$5.51 \times (1+\Delta\text{CPI}_3)$
North Coast	4.67	$4.67 \times (1+\Delta\text{CPI}_1)$	$4.67 \times (1+\Delta\text{CPI}_2)$	$4.67 \times (1+\Delta\text{CPI}_3)$
Hunter	2.02	$2.02 \times (1+\Delta\text{CPI}_1)$	$2.02 \times (1+\Delta\text{CPI}_2)$	$2.02 \times (1+\Delta\text{CPI}_3)$
South Coast	1.41	$1.41 \times (1+\Delta\text{CPI}_1)$	$1.41 \times (1+\Delta\text{CPI}_2)$	$1.41 \times (1+\Delta\text{CPI}_3)$

Table 6(a) Water take charges for Unregulated Rivers where the Water Licence holder has a Meter and a Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Far West	1.91	$1.91 \times (1+\Delta\text{CPI}_1)$	$1.91 \times (1+\Delta\text{CPI}_2)$	$1.91 \times (1+\Delta\text{CPI}_3)$

Table 7 Entitlement charges for Unregulated Rivers where the Water Licence holder does not have a Meter and no Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Border	4.53	$4.53 \times (1+\Delta CPI_1)$	$4.53 \times (1+\Delta CPI_2)$	$4.53 \times (1+\Delta CPI_3)$
Gwydir	4.53	$4.53 \times (1+\Delta CPI_1)$	$4.53 \times (1+\Delta CPI_2)$	$4.53 \times (1+\Delta CPI_3)$
Namoi	4.53	$4.53 \times (1+\Delta CPI_1)$	$4.53 \times (1+\Delta CPI_2)$	$4.53 \times (1+\Delta CPI_3)$
Peel	4.53	$4.53 \times (1+\Delta CPI_1)$	$4.53 \times (1+\Delta CPI_2)$	$4.53 \times (1+\Delta CPI_3)$
Lachlan	5.31	$5.31 \times (1+\Delta CPI_1)$	$5.31 \times (1+\Delta CPI_2)$	$5.31 \times (1+\Delta CPI_3)$
Macquarie	5.31	$5.31 \times (1+\Delta CPI_1)$	$5.31 \times (1+\Delta CPI_2)$	$5.31 \times (1+\Delta CPI_3)$
Far West	6.31	$6.31 \times (1+\Delta CPI_1)$	$6.31 \times (1+\Delta CPI_2)$	$6.31 \times (1+\Delta CPI_3)$
Murray	6.49	$6.49 \times (1+\Delta CPI_1)$	$6.49 \times (1+\Delta CPI_2)$	$6.49 \times (1+\Delta CPI_3)$
Murrumbidgee	8.61	$8.61 \times (1+\Delta CPI_1)$	$8.61 \times (1+\Delta CPI_2)$	$8.61 \times (1+\Delta CPI_3)$
North Coast	9.02	$9.02 \times (1+\Delta CPI_1)$	$9.02 \times (1+\Delta CPI_2)$	$9.02 \times (1+\Delta CPI_3)$
Hunter	3.25	$3.25 \times (1+\Delta CPI_1)$	$3.25 \times (1+\Delta CPI_2)$	$3.25 \times (1+\Delta CPI_3)$
South Coast	3.07	$3.07 \times (1+\Delta CPI_1)$	$3.07 \times (1+\Delta CPI_2)$	$3.07 \times (1+\Delta CPI_3)$

Table 7(a) Entitlement charges for Unregulated Rivers where the Water Licence holder does not have a Meter and where a Floodplain Harvesting Regulation has been made in respect of the relevant river valley (\$/ML or \$/unit share)

River valley	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Far West	5.95	$5.95 \times (1+\Delta CPI_1)$	$5.95 \times (1+\Delta CPI_2)$	$5.95 \times (1+\Delta CPI_3)$

Schedule 3 Groundwater

1 Application

- 1.1 This schedule sets the maximum prices that the Corporation may charge for the Monopoly Services provided under a Water Licence that authorises the taking of Groundwater.
- 1.2 The charges set out in Schedule 4 also apply in relation to Monopoly Services provided under a Water Licence that authorises the taking of Groundwater.

2 Maximum charges

- 2.1 The maximum annual charge that the Corporation may levy for the Monopoly Services provided under a Water Licence referred to in clause 1.1 of this schedule (other than a licence specified in clause 2.2 of this schedule) is the higher of:
 - (a) the annual charge set out in Table 8 for the relevant year; and
 - (b) **where the Water Licence holder has a Meter:** the sum of the following:
 - (1) an entitlement charge calculated as follows:

$$EC \times E$$

where:

- (A) EC is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in Table 9 for the relevant water source and relevant year; and
 - (B) E is a licence holder's Entitlement or unit share for that year; and
- (2) a water take charge (being a charge expressed in dollars per megalitre of water taken) in Table 10 for the relevant year and relevant water source, multiplied by the licence holder's water take for that year; and

- (c) **where the Water Licence holder does not have a Meter:** an entitlement charge calculated as follows:

$$EC \times E$$

where:

- (1) **EC** is an entitlement charge expressed in dollars per megalitre of Entitlement or in dollars per unit share in Table 11 for the relevant water source and relevant year; and
 - (2) **E** is a licence holder's Entitlement or unit share for that year.
- 2.2 The maximum annual charge that the Corporation may levy for the Monopoly Services provided under a Salinity and Water Table Management Access Licence is the annual charge set out in Table 8 for the relevant year.
- 2.3 The Corporation must not recover a water take charge from more than one licence holder in respect of the same water taken.

Tables 8, 9, 10 and 11

Table 8 Minimum Annual charge for Groundwater (\$)

Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
151.95	$169.17 \times (1+\Delta\text{CPI}_1)$	$186.39 \times (1+\Delta\text{CPI}_2)$	$202.60 \times (1+\Delta\text{CPI}_3)$

Table 9 Entitlement charges for Groundwater where the Water Licence holder has a Meter (\$/ML or \$/unit share)

Water source	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Inland	3.66	$3.66 \times (1+\Delta\text{CPI}_1)$	$3.66 \times (1+\Delta\text{CPI}_2)$	$3.66 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	2.16	$2.25 \times (1+\Delta\text{CPI}_1)$	$2.34 \times (1+\Delta\text{CPI}_2)$	$2.43 \times (1+\Delta\text{CPI}_3)$
Coastal	1.67	$1.67 \times (1+\Delta\text{CPI}_1)$	$1.67 \times (1+\Delta\text{CPI}_2)$	$1.67 \times (1+\Delta\text{CPI}_3)$

Table 10 Water take charges for Groundwater where the Water Licence holder has a Meter (\$/ML)

Water source	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Inland	2.97	$2.97 \times (1+\Delta\text{CPI}_1)$	$2.97 \times (1+\Delta\text{CPI}_2)$	$2.97 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	1.74	$1.81 \times (1+\Delta\text{CPI}_1)$	$1.89 \times (1+\Delta\text{CPI}_2)$	$1.97 \times (1+\Delta\text{CPI}_3)$
Coastal	3.12	$3.12 \times (1+\Delta\text{CPI}_1)$	$3.12 \times (1+\Delta\text{CPI}_2)$	$3.12 \times (1+\Delta\text{CPI}_3)$

Table 11 Entitlement charges for Groundwater where the Water Licence holder does not have a Meter (\$/ML or \$/unit share)

Water source	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Inland	6.63	$6.63 \times (1+\Delta\text{CPI}_1)$	$6.63 \times (1+\Delta\text{CPI}_2)$	$6.63 \times (1+\Delta\text{CPI}_3)$
Murrumbidgee	3.90	$4.06 \times (1+\Delta\text{CPI}_1)$	$4.23 \times (1+\Delta\text{CPI}_2)$	$4.40 \times (1+\Delta\text{CPI}_3)$
Coastal	4.79	$4.79 \times (1+\Delta\text{CPI}_1)$	$4.79 \times (1+\Delta\text{CPI}_2)$	$4.79 \times (1+\Delta\text{CPI}_3)$

Schedule 4 Service fees and charges

1 Application

This schedule sets the maximum service fees and charges that the Corporation may charge with respect to:

- (a) the administration of applications, renewals, permanent transfers and temporary transfers of WMA Licences administered by or on behalf of the Corporation under the Water Management Act; and
- (b) the services provided by or on behalf of the Corporation in relation to Corporation Meters, User Meters and Approved Meter Equivalents in respect of Unregulated Rivers and Groundwater.

2 Maximum charges for Consent Transactions

The maximum service fees and charges that the Corporation may levy for the Consent Transactions are set out in Tables 12 and 13.

3 Maximum meter service and other charges

3.1 The maximum meter service and reading charge that the Corporation may levy on the holder of a Water Supply Work Approval for a Water Supply Work with an installed Corporation Meter or the holder of a WA Licence with an installed Corporation Meter is:

- (a) the relevant meter service charge set out in Tables 14 and 15 for the relevant year (being a charge expressed in dollars per Corporation Meter per annum) for each Corporation Meter installed from the financial year following installation; and
- (b) the relevant deposit for assessment of a disputed Corporation Meter set out in Table 17 for the relevant year (as applicable); and
- (c) the relevant charge for validation of a relocated Corporation Meter set out in Table 17 for the relevant year (as applicable); and
- (d) the relevant charge for resetting a Corporation Meter after suspension of maintenance for a year or more at the customer's request set out in Table 17 for the relevant year (as applicable).

3.2 A deposit for assessment of a disputed Corporation Meter will be refunded by the Corporation if the assessment shows that the Corporation Meter is not within the standard set by the Corporation.

3.3 The maximum water take reading/assessment charge that the Corporation may levy on the holder of:

- (a) a Water Supply Work Approval for a Water Supply Work; or
- (b) a WA Licence;

with an installed User Meter or Approved Meter Equivalent, is the relevant meter reading charge set out in Table 16 for the relevant year (being a charge expressed in dollars per User Meter or Approved Meter Equivalent per annum) for each User Meter or Approved Meter Equivalent.

Tables 12, 13, 14, 15, 16 and 17

Table 12 Consent transaction charges (\$)

Type of transaction	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
New water access licences				
Zero Share	326.67	326.67 x (1+ Δ CPI ₁)	326.67 x (1+ Δ CPI ₂)	326.67 x (1+ Δ CPI ₃)
Controlled allocation	326.67	326.67 x (1+ Δ CPI ₁)	326.67 x (1+ Δ CPI ₂)	326.67 x (1+ Δ CPI ₃)
Other	326.67	326.67 x (1+ Δ CPI ₁)	326.67 x (1+ Δ CPI ₂)	326.67 x (1+ Δ CPI ₃)
Water access licence dealings				
Dealings - regulated rivers	352.46	352.46 x (1+ Δ CPI ₁)	352.46 x (1+ Δ CPI ₂)	352.46 x (1+ Δ CPI ₃)
Dealings - unregulated rivers and groundwater	1058.47	1058.47 x (1+ Δ CPI ₁)	1058.47 x (1+ Δ CPI ₂)	1058.47 x (1+ Δ CPI ₃)
Dealings – unregulated rivers and groundwater with low risk	498.61	498.61 x (1+ Δ CPI ₁)	498.61 x (1+ Δ CPI ₂)	498.61 x (1+ Δ CPI ₃)
Dealings - administrative	240.70	240.70 x (1+ Δ CPI ₁)	240.70 x (1+ Δ CPI ₂)	240.70 x (1+ Δ CPI ₃)
Water allocation assignments				
Unregulated rivers and groundwater	352.46	352.46 x (1+ Δ CPI ₁)	352.46 x (1+ Δ CPI ₂)	352.46 x (1+ Δ CPI ₃)
Approvals				
New or amended works and/or use approval	1949.69	1949.69 x (1+ Δ CPI ₁)	1949.69 x (1+ Δ CPI ₂)	1949.69 x (1+ Δ CPI ₃)
New or amended works and/or use approval – Low Risk	1053.90	1053.90 x (1+ Δ CPI ₁)	1053.90 x (1+ Δ CPI ₂)	1053.90 x (1+ Δ CPI ₃)
New basic rights bore approval	403.24	403.24 x (1+ Δ CPI ₁)	403.24 x (1+ Δ CPI ₂)	403.24 x (1+ Δ CPI ₃)
Amended approval - administrative	240.70	240.70 x (1+ Δ CPI ₁)	240.70 x (1+ Δ CPI ₂)	240.70 x (1+ Δ CPI ₃)
Extension of approval – lodged before expiry date	243.68	243.68 x (1+ Δ CPI ₁)	243.68 x (1+ Δ CPI ₂)	243.68 x (1+ Δ CPI ₃)
Extension of approval – lodged after expiry date	406.13	406.13 x (1+ Δ CPI ₁)	406.13 x (1+ Δ CPI ₂)	406.13 x (1+ Δ CPI ₃)

Table 13 Consent transaction charges – Online Lodgement (\$)

Type of transaction	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
New water access licences				
Zero Share	292.47	292.47 x (1+ΔCPI ₁)	292.47 x (1+ΔCPI ₂)	292.47 x (1+ΔCPI ₃)
Controlled allocation	292.47	292.47 x (1+ΔCPI ₁)	292.47 x (1+ΔCPI ₂)	292.47 x (1+ΔCPI ₃)
Other	292.47	292.47 x (1+ΔCPI ₁)	292.47 x (1+ΔCPI ₂)	292.47 x (1+ΔCPI ₃)
Water access licence dealings				
Dealings - regulated rivers	319.77	319.77 x (1+ΔCPI ₁)	319.77 x (1+ΔCPI ₂)	319.77 x (1+ΔCPI ₃)
Dealings - unregulated rivers and groundwater	1024.27	1024.27 x (1+ΔCPI ₁)	1024.27 x (1+ΔCPI ₂)	1024.27 x (1+ΔCPI ₃)
Dealings – unregulated rivers and groundwater with low risk	465.92	465.92 x (1+ΔCPI ₁)	465.92 x (1+ΔCPI ₂)	465.92 x (1+ΔCPI ₃)
Dealings - administrative	206.50	206.50 x (1+ΔCPI ₁)	206.50 x (1+ΔCPI ₂)	206.50 x (1+ΔCPI ₃)
Water allocation assignments				
Unregulated rivers and groundwater	319.77	319.77 x (1+ΔCPI ₁)	319.77 x (1+ΔCPI ₂)	319.77 x (1+ΔCPI ₃)
Approvals				
New or amended works and/or use approval	1915.49	1915.49 x (1+ΔCPI ₁)	1915.49 x (1+ΔCPI ₂)	1915.49 x (1+ΔCPI ₃)
New or amended works and/or use approval – Low Risk	1019.70	1019.70 x (1+ΔCPI ₁)	1019.70 x (1+ΔCPI ₂)	1019.70 x (1+ΔCPI ₃)
New basic rights bore approval	369.04	369.04 x (1+ΔCPI ₁)	369.04 x (1+ΔCPI ₂)	369.04 x (1+ΔCPI ₃)
Amended approval - administrative	206.50	206.50 x (1+ΔCPI ₁)	206.50 x (1+ΔCPI ₂)	206.50 x (1+ΔCPI ₃)
Extension of approval – lodged before expiry date	209.48	209.48 x (1+ΔCPI ₁)	209.48 x (1+ΔCPI ₂)	209.48 x (1+ΔCPI ₃)

Table 14 Meter service charges – Telemetered or agency read sites (annual charge) (\$ per Corporation Meter)

Meter size (mm)	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
50-300	487.50	487.50 x (1+ΔCPI ₁)	487.50 x (1+ΔCPI ₂)	487.50 x (1+ΔCPI ₃)
350-700	506.55	506.55 x (1+ΔCPI ₁)	506.55 x (1+ΔCPI ₂)	506.55 x (1+ΔCPI ₃)
750-1000	550.68	550.68 x (1+ΔCPI ₁)	550.68 x (1+ΔCPI ₂)	550.68 x (1+ΔCPI ₃)

Table 15 Meter service charges – Non-telemetered sites with customer reading and reporting (annual charge) (\$ per Corporation Meter)

Meter size (mm)	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
50-300	382.44	382.44 x (1+ΔCPI ₁)	382.44 x (1+ΔCPI ₂)	382.44 x (1+ΔCPI ₃)
350-700	397.38	397.38 x (1+ΔCPI ₁)	397.38 x (1+ΔCPI ₂)	397.38 x (1+ΔCPI ₃)
750-1000	432.01	432.01 x (1+ΔCPI ₁)	432.01 x (1+ΔCPI ₂)	432.01 x (1+ΔCPI ₃)

Table 16 Water take reading/assessment charge (annual charge) (\$)

Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
196.28	196.28 x (1+ΔCPI ₁)	196.28 x (1+ΔCPI ₂)	196.28 x (1+ΔCPI ₃)

Table 17 Ancillary service charges (\$)

Ancillary Service	Commencement Date to 30 June 2017	1 July 2017 to 30 June 2018	1 July 2018 to 30 June 2019	1 July 2019 to 30 June 2020
Meter laboratory verification at request of customer (refundable deposit if meter is tested to be outside the accuracy standard)	1,774.17	1,774.17 x (1+ΔCPI ₁)	1,774.17 x (1+ΔCPI ₂)	1,774.17 x (1+ΔCPI ₃)
Meter in-situ validation charge – where a meter is relocated or disturbed	243.12	243.12 x (1+ΔCPI ₁)	243.12 x (1+ΔCPI ₂)	243.12 x (1+ΔCPI ₃)
Meter reset fee after suspension of maintenance for a year or more, at customer request	243.12 plus cost of parts	243.12 x (1+ΔCPI ₁) plus cost of parts	243.12 x (1+ΔCPI ₂) plus cost of parts	243.12 x (1+ΔCPI ₃) plus cost of parts

Schedule 5 Definitions and interpretation

1 Definitions

In this determination:

Approved Meter Equivalent means an apparatus or a methodology for the quantification of the volume of water taken or to be taken from Unregulated Rivers or Groundwater by reference to factors other than direct measurement of water taken, that is approved by the Corporation or the Minister.

Coastal means the Hunter, North Coast and South Coast river valleys.

Commencement Date is defined in clause 2(c) of the Preliminary section of this determination.

Consent Transactions means those types of transaction set out in Tables 12 and 13.

Corporation means the Corporation referred to in clause 1(b) of the Preliminary section of this determination, being the Water Administration Ministerial Corporation established under section 371 of the Water Management Act, and which is a continuation of, and the same legal entity as, the corporation of that name constituted by the *Water Administration Act 1986* (by virtue of clause 17 of Schedule 9 of the Water Management Act).

Corporation Meter means a meter that is installed by or on behalf of the Corporation.

Entitlement means the right, conferred by means of a Water Licence, to take and use a specified quantity of water.

Floodplain Harvesting Access Licence means a floodplain harvesting access licence referred to in section 57A of the Water Management Act.

Floodplain Harvesting Regulation means a regulation made under section 57A of the Water Management Act to establish Floodplain Harvesting Access Licences in respect of the relevant river valley.

Groundwater means water accessed from an aquifer or other below-ground water source.

Inland means the Border, Far West, Gwydir, Lachlan, Macquarie, Murray, Namoi and Peel river valleys (but does not include the Murrumbidgee river valley for the purposes of this determination).

IPART means the Independent Pricing and Regulatory Tribunal of New South Wales, established under the IPART Act.

IPART Act means the *Independent Pricing and Regulatory Tribunal Act 1992* (NSW).

Irrigation Corporation has the meaning given to that term under the Water Management Act.

L means litre.

Licence Register means the Water Licence register and/or water accounting register maintained by or on behalf of the Corporation.

Major Utility (Barnard) Access Licence means a licence issued by the Minister as a major utility (Barnard) access licence.

Major Utility (Grahamstown) Access Licence means a licence issued by the Minister as a major utility (Grahamstown) access licence.

Meter means:

- (a) a Corporation Meter;
- (b) an Approved Meter Equivalent;
- (c) where a licence holder has a single off-take point from Unregulated Rivers or Groundwater, the User Meter installed on or near that off-take point; and
- (d) where a licence holder has multiple off-take points from Unregulated Rivers or Groundwater and has a User Meter on all off-take points, each of the User Meters installed on or near those off-take points.

Minister means the Minister administering the Water Management Act (or, where relevant, the Water Act).

ML means megalitre or one million litres.

Monopoly Services means the services defined as such in clause 1(c) of the Preliminary section of this determination.

National Water Initiative means the initiative which is the subject of the *Intergovernmental Agreement on a National Water Initiative*, dated 25 June 2004.

Regulated River has the meaning given to that term under the Water Management Act.

River has the meaning given to that term under the Water Management Act.

Salinity and Water Table Management Access Licence means a licence referred to in clause 4(1)(j) of the Water Management Regulation.

Special Additional High Flow Access Licence means a licence referred to in clause 4(1)(i) of the Water Management Regulation.

Supplementary Water Access Licence means an access licence referred to in section 57(1)(h) of the Water Management Act.

Tagged Water Entitlement means a water entitlement which has been permanently transferred by a licence holder in a river valley or state to a licence holder in another river valley or state.

Unregulated River means a River that is not a Regulated River.

Unregulated River (Regulated Supply) Access Licence means a licence referred to in clauses 4(1)(l) or 4(1)(m) of the Water Management Regulation.

User Meter means a mechanical, electromagnetic or similar apparatus where:

- (a) the apparatus is not a Corporation Meter; and
- (b) meets one of the following:
 - (1) the apparatus complies with the national water meter standards developed under the National Water Initiative; or
 - (2) the apparatus complies with the NSW Interim Water Meter Standards issued by the Corporation; or
 - (3) the apparatus:
 - (A) accurately measures and records the amount of water taken by a licence holder and is manufactured for that purpose; and
 - (B) is installed appropriately on or near a licence holder's off-take point or points from an Unregulated River or Groundwater; and
- (c) the Corporation is notified in writing, prior to the commencement of the financial year for which an annual charge is calculated, of:
 - (1) the existence and specifications of the apparatus;
 - (2) the manufacturer and model of the apparatus; and
 - (3) a description of the location and installation of the apparatus.

WA Licence means any licence, permit or authority under Part 2 or Part 9 of the Water Act, to the extent that it authorises the taking of water.

Water Act is defined in clause 1(e)(2) of the Preliminary section of this determination.

Water Licence means a WMA Licence or a WA Licence.

Water Management Act is defined in clause 1(d) of the Preliminary section of this determination.

Water Management Regulation means the *Water Management (General) Regulation 2011* (NSW).

Water NSW means the corporation constituted under section 4 of the *Water NSW Act 2014* (NSW), with the corporate name of Water NSW.

Water Sharing Plan means the water sharing provisions of a management plan for a water management area or water source under the Water Management Act.

Water Supply Work has the meaning given to that term in the Water Management Act.

Water Supply Work Approval has the meaning given to that term in section 90 of the Water Management Act.

WMA Licence means an access licence referred to in section 57 of the Water Management Act.

1.1 Consumer Price Index

- (a) CPI means the consumer price index All Groups index number for the weighted average of eight capital cities, published by the Australian Bureau of Statistics, or if the Australian Bureau of Statistics does not or ceases to publish the index, then CPI will mean an index determined by IPART.

$$(b) \Delta CPI_1 = \left(\frac{CPI_{Mar2017}}{CPI_{Mar2016}} \right) - 1$$

$$\Delta CPI_2 = \left(\frac{CPI_{Mar2018}}{CPI_{Mar2016}} \right) - 1$$

$$\Delta CPI_3 = \left(\frac{CPI_{Mar2019}}{CPI_{Mar2016}} \right) - 1$$

each as calculated and notified by IPART.

- (c) The subtext (for example $CPI_{Mar2016}$) when used in relation to paragraph (b) above means the CPI for the March quarter in year 2016.

2 Interpretation

2.1 General provisions

In this determination, unless the contrary intention appears:

- (a) headings are for convenience only and do not affect the interpretation of this determination;
- (b) a reference to a schedule, annexure, clause or table is a reference to a schedule, annexure, clause or table of, or to, this determination unless otherwise indicated;
- (c) a construction that would promote the purpose or object expressly or impliedly underlying the IPART Act is to be preferred to a construction that would not promote that purpose or object;
- (d) words importing the singular include the plural and vice versa;
- (e) a reference to a law or statute includes regulations, rules, codes and other instruments under it and consolidations, amendments, re-enactments or replacements of them;
- (f) a reference to a licence holder's water take includes use, extraction, trade, sale or gift by that licence holder;
- (g) where a word is defined, other grammatical forms of that word have a corresponding meaning;
- (h) a reference to a day is to a calendar day;
- (i) a reference to a person includes a reference to the person's executors, administrators, successors, substitutes (including, but not limited to, persons taking by novation), replacements and assigns;
- (j) a reference to an officer includes a reference to the officer who replaces him or her, or who substantially succeeds to his or her powers or functions; and
- (k) a reference to a body, whether statutory or not:
 - (1) which ceases to exist; or
 - (2) whose powers or functions are transferred to another body,

is a reference to the body which replaces it or which substantially succeeds to its powers or functions.

2.2 Explanatory notes, examples and clarification notice

- (a) Explanatory notes and examples do not form part of this determination, but in the case of uncertainty may be relied on for interpretation purposes.
- (b) IPART may publish a clarification notice in the NSW Government Gazette to correct any manifest error in or to clarify any part of this determination. Such a clarification notice, on publication, is taken to form part of this determination.

2.3 Prices exclusive of GST

Prices or charges specified in this determination do not include GST.

2.4 Billing cycle

- (a) For the avoidance of doubt, nothing in this determination affects when the Corporation may issue a bill to a customer for prices or charges under this determination.
- (b) Charges levied under this determination are payable on terms specified by the Corporation.

2.5 Annual charges

- (a) The annual charges in this determination apply to each financial year (1 July to 30 June inclusive) or part of a financial year from the Commencement Date and to 30 June 2020 or the date that this determination is replaced (if this determination applies beyond 30 June 2020).
- (b) In respect of any period after the Commencement Date that is less than a full financial year, the annual charges in this determination (other than those calculated by reference to water take) will be pro-rated for that period, based on the proportion that the number of days in that period bears to the number of days in the financial year.

Note: This clause is not intended to prohibit the Corporation from issuing a bill for any period before the Commencement Date. Please refer to clause 3 of the Preliminary section of this determination (Replacement of Determination No. 4 of 2010) of this determination for further information.

2.6 Entitlement charges

- (a) A reference to an entitlement charge is a reference to an entitlement charge specified in a Water Licence without regard to any part of the Entitlement that may be carried over from a previous year.

- (b) A reference to an entitlement charge:
- (1) expressed in dollars per megalitre of Entitlement is a reference to a charge expressed in dollars per megalitre in respect of an Entitlement that a WA Licence or a WMA Licence confers on the licence holder in a year; and
 - (2) expressed in dollars per unit share is a reference to a charge so expressed under a WMA Licence whose share component is expressed in unit shares.

2.7 Metering of water take charges for Irrigation Corporations

For the avoidance of doubt, the metering of water take charges for the supply of water to an Irrigation Corporation from a Regulated River is to be determined at the point or points of off-take from the Regulated River or as set out in that Irrigation Corporation’s Water Supply Work Approval.

2.8 River valleys

- (a) In this determination, a reference to a river valley is a reference to the relevant river valley more fully described in the following table:

River Valley	Description
Regulated Rivers	
Border	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Border Rivers including the Severn, the Macintyre and Dumaresq rivers down to Mungindi.
Gwydir	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Gwydir River and Gwydir Wetlands, Mehi river, Gil Gil Creek and Moomin Creek to the junction with the Barwon River.
Namoi	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Namoi River to Peel River and Pian Creek to Barwon River.
Peel	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Peel River to junction with Namoi River.
Lachlan	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Lachlan and Belubula River to the Murrumbidgee River junction.
Macquarie	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Macquarie River, the Cudgegong and Bogen rivers to junction with Darling River.
Murray	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Murray River including the Darling River below Menindee.

River Valley	Description
Murrumbidgee	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Murrumbidgee River to junction with Murray River, including Yanco, Colombo and Billabong Creeks and Tumut River.
North Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Regulated flows for Iron Pot and Eden Creeks.
Hunter	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Hunter River, including Paterson River and Glennies Creek.
South Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Brogo and Bega River Catchments.
Unregulated Rivers	
Border	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Border Rivers Catchment.
Gwydir	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Gwydir River Catchment.
Namoi	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Namoi River Catchment.
Peel	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Peel River Catchment.
Lachlan	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Lachlan River Catchment.
Macquarie	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Macquarie, Castlereagh and Bogan River Catchments including the Bogan River above Murrawombie Road.
Far West	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Barwon-Darling from Mungindi to Menindee including Bogan River below Murrawombie Road, and those rivers west of Barwon-Darling River which originate in Queensland and minor unregulated rivers in the Western Division not in other valleys.
Murray	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Murray River Catchment, including Billabong Creek.
Murrumbidgee	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Murrumbidgee River Catchment.

River Valley	Description
North Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers east of the Great Dividing Range from Queensland to the Hastings River Catchment.
Hunter	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Unregulated rivers in the Hunter Region, including the Manning, Karuah and Williams Rivers.
South Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Shoalhaven, Woronora, Warragamba and Hawkesbury/Nepean River Catchments, Lake Illawarra, Sydney City including Georges River and Port Jackson, Clyde, Moruya, Tuross, Towamba and Bega River Catchments, NSW portions of Genoa and Snowy River Catchments.
Groundwater	
Border	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Border Rivers Catchments including the Border Rivers Alluvium, the Inverell Basalt and the Great Artesian Basin.
Gwydir	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Gwydir River Catchment including the Lower Gwydir Alluvium and the Great Artesian Basin.
Namoi	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Namoi River Catchment including the Upper and Lower Namoi Alluvium, the Great Artesian Basin and the Gunnedah Basin.
Peel	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Peel River Catchment including the Peel Valley Alluvium and Fractured Rock.
Lachlan	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Lachlan River Catchment including the Upper and Lower Lachlan Alluvium, Belubula Valley Alluvium, the Great Artesian Basin, Young Granite, Orange Basalt and the Central West Fractured Rocks.
Macquarie	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Largely riverine aquifers in the Macquarie, Castlereagh and Bogan River Catchments including the Upper and Lower Macquarie Alluvium, the Cudgegong Valley Alluvium, the Collaburrangundry Talbragar Valley, the Great Artesian Basin, Mudgee and Molong Limestone.
Far West	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: The Great Artesian Basin Aquifer and minor aquifers in the Western Division.

River Valley	Description
Murray	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Aquifers in the Murray River Catchment.
Murrumbidgee	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Aquifers in the Murrumbidgee River Catchment including the Lower Murrumbidgee Alluvium, Mid Murrumbidgee Alluvium and the Billabong Creek Alluvium.
North Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Aquifers east of the Great Dividing Range from Queensland to the Hastings River Catchment including the Richmond River Alluvium, Richmond Coastal Sandbeds, Coffs Harbour Coastal Sands and Alluvium, Alstonville Basalt, Dorrigo Basalt, Clarence Moreton Basin, Hastings Coastal Sands, Hastings River Alluvium, Macleay River Alluvium, Bellingen Coastal Sandbeds and Viney Creek Alluvium.
Hunter	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Aquifers in the Hunter Region, including the Manning and Karuah River Catchments including Tomago-Tomaree Sandbeds, Stuarts Points and Tributaries Alluvium, the Pages River Alluvium, Goulburn River Alluvium, Mangrove Mountain Sandstone and Wollombi Brook Alluvium.
South Coast	If a Water Sharing Plan under the Water Management Act is in place, then the water sources as defined in that plan. In any other case: Aquifers east of the Great Dividing Range from the NSW central coast to Victoria including Botany Sandbeds, Bega River Alluvium, Sydney Basin, Coxs River Sandstone and Fractured Rock, Blue Mountains Richmond Sandstone, Araluen Alluvium and Maroota Tertiary Sands.

- (b) A reference in this determination to the 'relevant river valley' (other than in the case of the water take component of a licence) is a reference to the river valley for a licence holder as set out in the Licence Register. In the case of the water take component of a licence, the 'relevant river valley' is the river valley from which water is taken unless the water take component relates to a Tagged Water Entitlement.

