



# Water Services Licence

Water Corporation

WL32, Version 16, 1 May 2020

**Economic Regulation Authority**

WESTERN AUSTRALIA

**WATER SERVICES ACT 2012**

Licensee name: Water Corporation  
ABN 28 003 434 917

Operating area: The area set out in the plan referred to in clause 2.5.

Licence number: WL32

Commencement date: 28 June 1996

Version number: 16

Version date: 1 May 2020

Expiry date: 27 June 2021

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Signed by the Chair of the Economic Regulation Authority

20 April 2020

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## 1. DEFINITIONS AND INTERPRETATION

### 1.1 Definitions

1.1.1 In this *licence*, the following definitions apply unless the context otherwise requires:

**Act** means the *Water Services Act 2012* (WA).

**applicable legislation** includes:

- (a) the *Act*;
- (b) any relevant subsidiary legislation including:
  - (i) regulations made under the *Act*; and
  - (ii) the *Economic Regulation Authority (Licensing Funding) Regulations 2014*; and
- (c) any code in force from time to time made pursuant to the *Act*.

**asset management system** has the same meaning as section 24(2) of the *Act*.

**asset management system review** means an assessment of the matters set out in section 24(2) of the *Act*.

**audit and review guidelines** means the guidelines prepared by the *ERA* setting out the *ERA's* requirements for the conduct of *operational audits* and *asset management system reviews*, as published by the *ERA* on its website and as amended from time to time.

**audit report** means a signed, written document that presents the purpose, scope and results of the audit by the *Department of Health* on compliance by the *licensee* of its obligations under an *MoU*, pursuant to clause 7.1.4 of this *licence*.

**Australian Drinking Water Guidelines** means:

- (a) the Australian Drinking Water Guidelines Paper 6 National Water Quality Management Strategy (version 3.5) published by the National Health and Medical Research Council, as amended or replaced from time to time; or
- (b) if the *licensee* has an *MoU* for Drinking Water Quality with the *Department of Health*, the Australian Drinking Water Guidelines Paper of the National Water Quality Management Strategy published by the National Health and Medical Research Council.

**business day** means a day which is not a Saturday, Sunday or a public holiday in Western Australia.

**Code of Conduct** means the *Water Services Code of Conduct (Customer Service Standards) 2018* as amended or replaced from time to time.

**commencement date** means the date specified in clause 2.2.

**complaint** means an expression of dissatisfaction made to or about an organisation, related to its products, services, staff or the handling of a complaint, where a response or resolution is explicitly or implicitly expected or legally required.

**customer** has the meaning given to that term in section 3 of the *Act*.

**Department of Health** means the Department of Health or its successors in Western Australia.

**drainage services** has the meaning given to that term in section 3 of the *Act*.

**dwelling** has the meaning given to that term in section 3 of the *Act*.

**electronic means** means:

- (a) the internet;
- (b) email, being:
  - (i) in relation to the *ERA*, the *ERA*'s email address as notified to the *licensee*; and
  - (ii) in relation to the *licensee*, the email address specified in the *licence* application or other such email address as notified in writing to the *ERA*; or
  - (iii) any other similar means,

but does not include facsimile or telephone.

**ERA** means the Economic Regulation Authority.

**expiry date** means the date specified in clause 2.3.

**financial hardship policy** means a policy referred to in clause 29 of the *Code of Conduct*.

**individual performance standards** mean any individual performance standards approved by the *ERA* pursuant to clause 5.2 and specified in *Schedule 2* of the *licence*.

**irrigation services** has the meaning given to that term in section 3 of the *Act*.

**last resort supply plan** has the meaning given to that term in section 50 of the *Act*.

**licence** means:

- (a) this document (excluding the pages prior to clause 1, the header and footer of this document, and the amendment record sheet);
- (b) any *Schedules* to this document; and
- (c) any *individual performance standards* approved by the *ERA* pursuant to clause 5.2.

**licensee** means Water Corporation, ABN 28 003 434 917.

**MoU** means a memorandum of understanding referred to in clause 7.1 as amended or replaced from time to time.

**National Performance Framework: urban performance reporting indicators and definitions handbook** means the handbook published by the Bureau of Meteorology, as amended or replaced from time to time.

**non-potable water supply services** means the collection, treatment, transfer or delivery of water supplied from *water services works* not designed and operated to provide *potable water*.

**notice** means a written notice, agreement, consent, direction, representation, advice, statement or other communication required or given pursuant to, or in connection with, this *licence*.

**operating area(s)** has the meaning given to that term in section 3 of the *Act* and is the area specified in clause 2.5.

**operational audit** means an assessment of the matters set out in section 25(2) of the *Act*.

**potable water** means drinking water in accordance with the *Australian Drinking Water Guidelines* or as otherwise defined in the *MoU* between the *licensee* and the *Department of Health*.

**potable water supply services** means the collection, treatment, transfer or delivery of water supplied from *water service works* designed and operated to provide *potable water*.

**publish** in relation to a report or information means either:

- (a) posting the report or information on the *licensee's* website; or
- (b) sending the report or information to the *ERA* to be published on the *ERA's* website.

**related body corporate** has the meaning given to that term in section 50 of the *Corporations Act 2001* (Cwth).

**residential customer** has the same meaning as in clause 3 of the *Code of Conduct*.

**reviewable decision** means a decision by the *ERA* pursuant to:

- (a) clause 3.8.1; and
- (b) clause 5.2.2,

of this *licence*.

**Schedule** means the schedule or schedules which are appended to, and which form part of, this *licence*.

**sewerage services** has the meaning given to that term in section 3 of the *Act*.

**standard terms and conditions of service** has the meaning given to that term in section 71(1) of the *Act*.

**supplier of last resort** has the meaning given to that term in section 50 of the *Act*.

**terms and conditions** means the terms and conditions in this *licence* including any terms and conditions contained in the *Schedules*.

**water service** means the service or services that the *licensee* is authorised to provide by this *licence* being a *drainage service*, *irrigation service*, *sewerage service* and/or *water supply service* as more particularly described in clause 2.

**water service works** has the meaning given to that term in section 3 of the *Act*.

**water services ombudsman scheme** means a scheme approved under section 65 of the *Act*.

**Water, Sewerage and Irrigation Licence Performance Reporting Handbook** means the handbook produced by the *ERA* of the same name as amended or replaced from time to time.

**water supply service** has the meaning given to that term in section 3 of the *Act*.

**works holding arrangement** means an arrangement as set out in section 23 of the *Act*.

## 1.2 Interpretation

- 1.2.1 A reference in this *licence* to any *applicable legislation* includes, unless the context otherwise requires, any statutory modification, amendment, replacement or re-enactment of that *applicable legislation*.

## 2. LICENCE AUTHORISATION

### 2.1 Activities authorised under this licence

- 2.1.1 The *licensee* is granted a *licence* for the *operating area(s)* to provide the following *water services* in accordance with the *terms and conditions* of this *licence*:
- (a) *water supply services*:
    - (i) *potable water supply services*
    - (ii) *non-potable water supply services*
  - (b) *sewerage services*
  - (c) *drainage services*
  - (d) *irrigation services*

### 2.2 Commencement date

- 2.2.1 The *commencement date* of this *licence* is 28 June 1996.

### 2.3 Expiry date

- 2.3.1 The *expiry date* of this *licence* is 27 June 2021.



## **2.4 Term** **[Section 14 of the Act]**

- 2.4.1 This *licence* commences on the *commencement date* and continues until the earlier of:
- (a) the cancellation of the *licence* pursuant to clause 3.5 of this *licence*;
  - (b) the cancellation of the *licence* on application of the *licensee*, pursuant to clause 3.6 of this *licence*; or
  - (c) the *expiry date*.

## **2.5 Operating area**

- 2.5.1 The *operating area* is set out in plan(s):  
OWR-OA-309, OWR-OA-175(E); OWR-OA-175-1(B)
- 2.5.2 The *operating area* plan(s) is provided in *Schedule 1*.

## **3. LICENCE ADMINISTRATION**

### **3.1 Amendment of licence on application of the licensee** **[Section 18 of the Act]**

- 3.1.1 The *licensee* may apply to the *ERA* to amend the *licence* in accordance with the *Act*.

### **3.2 Amendment of licence by the ERA** **[Section 17 of the Act]**

- 3.2.1 The *ERA* may amend the *licence* on its own initiative in accordance with the *Act* and the procedure specified in clause 3.2.2.
- 3.2.2 Before amending the *licence* under clause 3.2.1, the *ERA* must:
- (a) provide the *licensee* with *notice* of the proposed amendments under consideration by the *ERA*;
  - (b) allow 15 *business days* for the *licensee* to make submissions on the proposed amendments; and
  - (c) take into consideration those submissions.

- 3.2.3 Any amendments made to the *licence* will come into effect in accordance with the *Act* unless a longer period is specified by the *ERA* or a shorter period is agreed to by the *ERA* and the *licensee*.

- 3.2.4 This clause also applies to the substitution of the existing *licence*.

### **3.3 Transfer of licence** **[Section 15 of the Act]**

- 3.3.1 This *licence* may be transferred only in accordance with the *Act*.

### **3.4 Renewal of licence** **[Section 13 of the Act]**

3.4.1 This *licence* may be renewed only in accordance with the *Act*.

### **3.5 Cancellation of licence for serious default [Section 34 of the Act]**

3.5.1 This *licence* may be cancelled in accordance with the *Act*.

### **3.6 Cancellation of licence on application of the licensee [Section 18 of the Act]**

3.6.1 The *licensee* may apply to the *ERA* to request cancellation of the *licence* by *notice* to the *ERA*.

3.6.2 The *ERA* may cancel the *licence* in accordance with the *Act*.

3.6.3 The *licensee* will not be entitled to a refund of any fees by the *ERA*.

### **3.7 Notices**

3.7.1 Unless otherwise specified, all *notices* must be in writing.

3.7.2 A *notice* will be regarded as having been sent and received:

- (a) when delivered in person to the addressee; or
- (b) three *business days* after the date of posting if the *notice* is posted in Western Australia; or
- (c) five *business days* after the date of posting if the *notice* is posted outside Western Australia; or
- (d) if sent by facsimile when, according to the sender's transmission report, the *notice* has been successfully received by the addressee; or
- (e) if sent by *electronic means* when, according to the sender's electronic record, the *notice* has been successfully sent to the addressee.

### **3.8 Publishing information**

3.8.1 The *ERA* may direct the *licensee* to *publish*, within a specified timeframe, any information it considers relevant in connection with the *licensee* or the performance by the *licensee* of its obligations under this *licence*.

3.8.2 Subject to clause 3.8.3, the *licensee* must *publish* the information referred to in clause 3.8.1.

3.8.3 If the *licensee* considers that the information is confidential it must:

- (a) immediately notify the *ERA*; and
- (b) seek a review of the *ERA*'s decision in accordance with clause 3.9.

3.8.4 Once it has reviewed the decision, the *ERA* will direct the *licensee* in accordance with the review to:

- (a) *publish* the information;

- (b) *publish* the information with the confidential information removed or modified; or
- (c) not *publish* the information.

### **3.9 Review of the ERA's decisions**

3.9.1 The *licensee* may seek a review of a *reviewable decision* by the *ERA* pursuant to this *licence* in accordance with the following procedure:

- (a) the *licensee* must make a submission on the subject of the *reviewable decision* within 10 *business days* (or other period as approved by the *ERA*) of the decision; and
- (b) the *ERA* will consider the submission and provide the *licensee* with a written response within 20 *business days*.

## **4. GENERAL LICENCE OBLIGATIONS**

### **4.1 Compliance with applicable legislation and licence conditions [Sections 26, 27, 29 and 31 of the Act]**

4.1.1 Subject to any modifications or exemptions granted pursuant to the *Act* and this *licence*, the *licensee* must comply with any *applicable legislation*.

4.1.2 Subject to the provisions of any *applicable legislation*, the *ERA* may give the *licensee* a *notice* directing it to do any measure necessary to:

- (a) correct the breach of any *applicable legislation*; or
- (b) prevent the breach of any *applicable legislation* occurring again,

and specify a time limit by which such action must be taken.

4.1.3 The *licensee* must comply with the *terms and conditions* of this *licence*.

### **4.2 Fees**

4.2.1 The *licensee* must pay the applicable fees and charges in accordance with the *Economic Regulation Authority (Licensing Funding) Regulations 2014*.

### **4.3 Provision of water services [Section 21 of the Act]**

4.3.1 The *licensee* must:

- (a) provide the *water service* set out in clause 2.1 to persons entitled to the *water service* under the *Act*, except to the extent otherwise provided for by the *Act*, and
- (b) if requested, offer to provide the *water service* set out in clause 2.1 to any other person within the *operating area* on reasonable terms, unless the provision of the *water service* is not financially viable or is otherwise not practicable.

### **4.4 Provision of water services outside operating area [Section 22 of the Act]**

4.4.1 If the *licensee* provides a *water service* outside of the *operating area* specified for that *water service*, the *licensee* must:

- (a) notify the *ERA* as soon as is practicable before commencing to provide the *water service*; and
- (b) apply to amend the *licence* in accordance with clause 3.1 unless otherwise notified by the *ERA*.

#### **4.5 Works holding arrangements [Section 23 of the Act]**

4.5.1 The *licensee* must hold, or otherwise be subject to a *works holding arrangement* in respect of, all *water service works* used for the provision of a *water service*.

#### **4.6 Accounting records**

4.6.1 The *licensee* and any *related body corporate* must maintain accounting records that comply with standards issued by the Australian Accounting Standards Board or equivalent International Accounting Standards.

#### **4.7 Reporting a change in circumstances**

4.7.1 The *licensee* must report to the *ERA*:

- (a) if the *licensee* is under external administration as defined by the *Corporations Act 2001 (Cwth)* within two *business days* of such external administration occurring; or
- (b) if:
  - (i) the *licensee* experiences a change in its corporate, financial or technical circumstances upon which this *licence* was granted; and
  - (ii) the change may materially affect the *licensee's* ability to meet its obligations under this *licence*,within 10 *business days* of the change occurring; or
- (c) if:
  - (i) the *licensee's* name;
  - (ii) the *licensee's* ABN;
  - (iii) the *licensee's* address; or
  - (iv) the *works holding arrangement* for the *water service works*,changes, within 10 *business days* of the change occurring.

#### **4.8 Provision of information**

4.8.1 The *licensee* must provide to the *ERA* in the manner and form specified by the *ERA*, specified information on any matter relevant to the operation or enforcement of

the *licence*, the operation of the licensing scheme provided for in Part 2 of the *Act*, or the performance of the *ERA*'s function under that Part.

4.8.2 Without limiting clause 4.8.1, the *licensee* must provide the *ERA* with the data required for performance reporting purposes that is specified in:

- (a) the *Water, Sewerage and Irrigation Licence Performance Reporting Handbook*<sup>1</sup>; and
- (b) the *National Performance Framework: urban performance reporting indicators and definitions handbook*.

## 5. AUDITS AND PERFORMANCE REPORTING OBLIGATIONS

### 5.1 Asset management system [Section 24 of the Act]

5.1.1 The *licensee* must provide for an *asset management system* in respect of the *licensee*'s *water service works*.

5.1.2 Not used.

5.1.3 The *licensee* must notify the *ERA* of any material change to the *asset management system* within 10 *business days* of such change.

5.1.4 The *licensee* must, unless otherwise notified in writing by the *ERA*, provide the *ERA* with a report as to effectiveness of the *asset management system* within 24 months after the *commencement date* and every 24 months thereafter.

5.1.5 The *asset management system review* must be conducted by an independent expert engaged by the *ERA*. The *ERA* will determine the terms of the appointment of the independent expert.

5.1.6 Before appointing an independent expert, the *ERA* will:

- (a) consult with the *licensee* in a manner and form determined by the *ERA*; and
- (b) take into account any relevant matters raised by the *licensee* from that consultation.

5.1.7 The *licensee* must cooperate with the independent expert and comply with the *ERA*'s *audit and review guidelines* dealing with the *asset management system review*.<sup>2</sup>

### 5.2 Individual performance standards

5.2.1 The *licensee* must comply with the *individual performance standards* as set out in *Schedule 2*.

5.2.2 The *ERA* may prescribe *individual performance standards* in relation to the *licensee* of its obligations under this *licence* or the *applicable legislation*.

5.2.3 Before approving any *individual performance standards* under this clause, the *ERA* will:

<sup>1</sup> The Handbook can be found on the [ERA website](#).

<sup>2</sup> The guidelines can be found on the [ERA website](#).

- (a) provide the *licensee* with a copy of the proposed *individual performance standards*;
- (b) allow 15 *business days* for the *licensee* to make submissions on the proposed *individual performance standards*; and
- (c) take into consideration those submissions.

5.2.4 Once approved by the *ERA*, the *individual performance standards* are included as additional *terms and conditions* to this *licence* as set out in *Schedule 2*.

### **5.3 Operational audit [Section 25 of the Act]**

5.3.1 The *licensee* must, unless otherwise notified in writing by the *ERA*, provide the *ERA* with an *operational audit* within 24 months after the *commencement date*, and every 24 months thereafter.

5.3.2 The *operational audit* must be conducted by an independent expert appointed by the *ERA*. The *ERA* will determine the terms of the appointment of the independent expert.

5.3.3 Before appointing an independent expert, the *ERA* will:

- (a) consult with the *licensee* in a manner and form determined by the *ERA*; and
- (b) take into account any relevant matters raised by the *licensee* from that consultation.

5.3.4 The *licensee* must cooperate with the independent expert and comply with the *ERA's audit and review guidelines* dealing with the *operational audit*.<sup>3</sup>

## **6. CUSTOMERS**

### **6.1 Standard terms and conditions of service [Section 71 of the Act]**

6.1.1 If, during the term of the *licence*, the *ERA* considers that one or more of a *licensee's standard terms and conditions of service* is no longer in the public interest, the *ERA* may direct the *licensee*:

- (a) to amend:
  - (i) the *standard term or condition of service*; or
  - (ii) the *standard term or condition of service* in accordance with a term proposed by the *ERA*; and
- (b) to do so within a specified period.

6.1.2 The *licensee* must comply with a direction given to the *licensee* under this clause.

### **6.2 Water Services Ombudsman Scheme [Section 70 of the Act]**

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<sup>3</sup> The guidelines can be found on the [ERA website](#).

- 6.2.1 The *licensee* must not supply *water services* to *customers* unless the *licensee*:
- (a) is a member of the *water services ombudsman scheme*;
  - (b) is bound by the *water services ombudsman scheme*; and
  - (c) will be compliant with any decision or direction of the water services ombudsman under the *water services ombudsman scheme*.

### **6.3 Supplier of last resort [Section 60 of the Act]**

- 6.3.1 If the *licensee* is appointed the *supplier of last resort* for a designated area in relation to the provision of a particular *water service* under the *Act*, the *licensee* must:
- (a) perform the functions of the *supplier of last resort* for the designated area and the class of *water service*;
  - (b) comply with the duties imposed in relation to those functions under the *Act*; and
  - (c) carry out its operations under or for the purposes of the *last resort supply plan* in accordance with the *Act*.

## **7. PUBLIC HEALTH**

### **7.1 Memorandum of understanding**

- 7.1.1 Where the *licensee* provides *potable water*, the *licensee* must enter into a *MoU* as described in this clause 7.1 with the *Department of Health* as soon as practicable after the *commencement date* or as otherwise agreed with the *Department of Health*.
- 7.1.2 Where the *licensee* provides *sewerage services*, the *licensee* must enter into an *MoU* as described in this clause 7.1 with the *Department of Health* as soon as practicable after the *commencement date* or as otherwise agreed with the *Department of Health*.
- 7.1.3 For the avoidance of doubt, if the *licensee* provides both *potable water* and *sewerage services*, the *licensee* must enter into a separate *MoU* with the *Department of Health* in respect of each of the *potable water* and the *sewerage service*.
- 7.1.4 An *MoU* must:
- (a) specify that the *MoU* is a legally binding document between the *licensee* and *Department of Health*; and
  - (b) require an audit by the *Department of Health* on compliance by the *licensee* with its obligations under the *MoU* at least once every three years, or other such time as notified by the *Department of Health*, and the provision of the *audit report* to the *ERA*.
- 7.1.5 The *licensee* must comply with the terms of an *MoU*.
- 7.1.6 The *licensee* must *publish*, in a form agreed with the *Department of Health*, an *MoU* and any amendments to the *MoU* on the *licensee's* website within one month of entering into the *MoU* or of making amendments to the *MoU*.

- 7.1.7 The *licensee* must *publish* the *audit report* on the *licensee's* website within one month of the completion of the audit.
- 7.1.8 The *licensee* must *publish*, in a form agreed with the *Department of Health*, any other reports required by the *Department of Health* or required by an *MoU* on the *licensee's* website, at a reporting frequency specified by the *Department of Health*.



# Schedule 1 – Operating area

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## Schedule 2 – Performance standards

The *licensee* must comply with the standards, principles and reporting requirements as set out below.

### 1. POTABLE WATER

#### 1.1 Potable water system – pressure and flow standards

- 1.1.1 The *water service works* provided by the *licensee*, for the purpose of *water supply services*, shall be designed, constructed, operated and maintained to provide continuity of pressure and flow for services in accordance with the following standards.

##### Pressure and flow standards

Area	Minimum Static Pressure (metres of water)	Maximum Static Pressure (metres of water)	Minimum Flow (litres per minute)
Water Corp Perth Metropolitan	15	100	20
Water Corp Country Urban Areas	13	100	20

#### 1.2 Potable water system – pressure and flow exemptions

- 1.2.1 The *licensee* must notify:

- (a) new *customers* upon purchase of the affected property as soon as practicable; and
- (b) existing *customers* at least annually,

if the pressure and flow of the water supplied to the *customer's* property falls outside of the standard pressure and flow range set out in clause 1.1 of this *Schedule*.

- 1.2.2 The notification in clause 1.2.1 must advise the *customer* whether the pressure and flow of water supplied to the *customer's* property will be lower or higher than the pressure and flow range set out in clause 1.1 of this *Schedule*.

#### 1.3 Water restrictions

- 1.3.1 The *licensee* must notify the *ERA* annually of any restrictions applied in accordance with the *Water Services Regulations 2013* to a *potable water* supply, detailing restrictions by scheme, type (severity), duration, start date and number of services affected.

### 2. NON-POTABLE WATER

Not used.

### 3. SEWERAGE

### 3.1 Sewerage service standards

Not used.

## 4. DRAINAGE

### 4.1 Drainage service standards

4.1.1 The *licensee* must operate, manage, maintain, plan and construct its drains and drainage schemes as set out below, and shall consult in relation to such activities as required by this *Schedule*.

4.1.2 Urban drainage scheme infrastructure provided by the *licensee* for the purpose of protection against flooding shall be designed, constructed, operated and maintained such that the peak flows of stormwater runoff from rainfall events can be accepted into and will not overflow from the system in accordance with the following standard.

#### Drainage service standard

	How is it measured	Performance indicator / targets
Drainage – Design of new urban infrastructure	Design of new urban drainage scheme infrastructure protects against flooding from peak flows of stormwater runoff from rainfall events with intensities up to – Residential – 5 year average recurrence interval Commercial – 10 year average recurrence interval.	100% of schemes comply with the standard.

4.1.3 In the above table the meaning of the term “average recurrence interval” shall be consistent with the discussion on probability concepts for flood estimation and rainfall intensity – frequency – duration estimation, as contained in Books 1 & 2 respectively of the Institution of Engineers Australia publication, Australian Rainfall and Runoff (1987).

4.1.4 In planning and designing urban infrastructure, the *licensee* must have due regard to the principles, concepts and recommendations of Australian Rainfall and Runoff (1987).

4.1.5 If, prior to 1 January 1996, the *licensee* constructed drainage infrastructure to levels of service standards which were less than those specified in this *Schedule* then there will be no obligation under this *licence* for the *licensee* to upgrade any infrastructure existing as at 1 January 1996, to meet the above standards where there have been no instances of flooding confirmed to be due to the under capacity of the infrastructure to meet those standards. Where there have been instances of flooding confirmed to be due to under capacity of infrastructure to meet the standards of this *Schedule*, the *licensee* must upgrade the infrastructure to those standards or must take such action as agreed with affected *customers*.

4.1.6 The drainage system will accept drainage water from Local Government works, but will not be required under this *licence* to be upgraded to accept any additional drainage water.

4.1.7 Notwithstanding that the *licensee's* urban drainage infrastructure shall itself be designed to the capacity standards listed in this *Schedule*, in planning and designing such infrastructure the *licensee* must have due regard to the major/minor concept of drainage design discussed in Book 8, 1.5.1 of Australian Rainfall and Runoff (1987). Such due regard will be adequately demonstrated:

- (a) in the case of it undertaking, commissioning or accepting a design for new drainage infrastructure, by the *licensee* ensuring that the local authorities involved have been made aware of the predicted response of the combined major/minor system to major storm events, for the information of those authorities in relation to their responsibilities for the establishment and management of the major (as described in Australian Rainfall and Runoff (1987)) elements of the major/minor system infrastructure; and
- (b) in the case of it undertaking a capacity review of an existing *licensee* drainage scheme, by the *licensee* causing a broad assessment to be made of the behaviour of the combined major/minor system under major event conditions, and conveying the conclusions of such assessment to the local authorities involved, for the information of those authorities in relation to their responsibilities for management of the major (as described in Australian Rainfall and Runoff (1987)) elements of the major/minor system infrastructure.

4.1.8 The *licensee* will ensure all new rural drainage infrastructure complies with the Rural Drainage Manual of Standards 1977. The *licensee* shall endeavour to operate and maintain its rural drainage infrastructure so that the period of inundation to land abutting a drain that forms part of the system shall be a maximum of 72 hours. If the period of inundation should exceed 72 hours the *licensee* must carry out an investigation of the adequacy of those operations and maintenance procedures. An exception is those low lying land areas where the contours make this impossible or where detention basins have been constructed for the retention of water for longer periods. Low lying areas include those areas within lots which abut the drain, which would normally not readily drain to the drain. However, land that would normally drain to the drain, but where this is prevented by high flow levels in the drain, will be subject to the maximum 72 hour inundation period. This inundation period shall apply provided multiple storm events do not increase flow levels in the drains above the rural drainage infrastructure discharge points. The drainage system serves the general drainage requirements of rural properties in the Drainage Services Control Areas and there will be no obligation under this *licence* for the *licensee* to extend the service to other properties, "or serve urban drainage development within the rural areas."

4.1.9 The following flood protection works will be operated and maintained to cater for the peak flows of stormwater runoff from individual rainfall events set out below.

Flood protection works	Location	Level of protection (average recurrence interval)
Preston River levees	Bunbury – Leschenault Inlet to Picton Bridge	1 in 100 year
Vasse River Diversion	Busselton	1 in 20 year

## 5. IRRIGATION

### 5.1 Irrigation service standards

- 5.1.1 The *licensee* must supply water that is suitable for irrigation purposes.
- 5.1.2 The *licensee* must provide at least 5 *business days*' notice to a *customer* of any planned service interruption.
- 5.1.3 The *licensee* must comply with the standards as set out below.

#### Irrigation service standards

Irrigation Water Quality	Percentage of customers given 5 days' notice of a planned interruption
<1,200mg/L TDS	>90

## FARMLANDS

### 6. Farmland Areas Water System Standards

- 6.1.1 In cases where services are provided by agreement to farms the *licensee* must provide annual notifications to *customers* of the conditions under which the service is supplied as detailed in the following table.

Service Standard	How Is It Measured	Performance Indicator / Targets
Annual notification of conditions of service.	Farmlands water services where services are provided by agreement and customers are notified of the conditions under which services supplied.	In every twelve month period 95% of customers receiving these services were notified of the conditions under which water was supplied.

- 6.1.2 Subject to *customers* complying with licensee requirements the *licensee* must ensure that *customers* connected to its Farmlands Water Systems shall have, at the outlet of the water meter to their property, a water pressure and flow as detailed in the following tables.

Area	Minimum Static Pressure (metres of water)	Maximum Static Pressure (metres of water)	Minimum Flow
Farmland services supplied from the Goldfields and Agriculture Water Supply, the Great Southern Town Water Supply Scheme and Mid West Region	Not applicable	200	3kL/day per service
Rural Water Supply Schemes	Not applicable	200	1.8kL/day per service

Service Standard	How Is It Measured	Performance Indicator / Targets
<p>Farmlands area water systems – pressure and flows are kept within the acceptable range</p>	<p>From complaints received, the number of services with confirmed water pressure/flow faults divided by total number of water service connections expressed as a % and then subtracted from 100.</p> <p>The flow rate and dynamic pressure is measured at the meter over a period, so as to confirm the available flow meets the minimum standard.</p> <p>Maximum pressure is measured as a static pressure (no flow) at the same point.</p> <p>Does not include poor pressure due to bursts or planned activities.</p>	<p>In the preceding 12 month period 99.8% of farmlands water systems customers have, at the outlet of the water meter to their property, a water pressure and flow as listed above.</p>

## **Schedule 3 – Customer provisions**

- 1. ADDITIONAL CUSTOMER PROVISIONS**
- 1.1 Requirement for approved financial hardship policy**  
Not used.

## Amendment record sheet

Version no.	Version date	Description of amendment
1	6 August 2008	Water Licence Review 2008
2	3 February 2009	Amendment to Clause 5.1 Schedule 4 – Remove “on a quarterly basis”.
3	3 March 2009	Extension of Mandurah/Pinjarra Sewerage Services Operating Area.
4	15 May 2009	Remove requirement to report incidents and to report at regional level.
5	21 August 2009	Remove 3 month timeframe from sub-clause 9.1.
6	27 August 2009	Extension of Waroona Sewerage Services Operating Area.
7	18 February 2010	Extension of Bindoon Chittering Water Supply Operating Area.
8	11 March 2010	Extension of Busselton Sewerage Services Operating Area and Extension of Yarloop-Wagerup and Geraldton Region Potable Water Supply Services Operating Areas.
9	24 January 2011	Expansion of operating areas for potable and non-potable water supply and sewerage services to match the State’s Controlled Areas.
10	18 September 2013	Amendment to pressure and flow standards for farmlands.
11	18 November 2013	Amendment by substitution – <i>Water Services Act 2012</i> .
12	29 January 2014	Amendment to remove controlled areas and expand operating areas to match the boundary of the Contiguous Zone off the Western Australian coast. Drainage operating area boundary expanded to match Western Australian State Boundary, which replaced maps OWR-OA-179(C), OWR-OA-180(C) and OWR-OA-181(C) with new map OWR-OA-182. Correct formatting error in table in Schedule 3, clause 1.1. Remove clause 1 of Schedule 2 (Customer Complaints).
13	13 February 2014	Amendment to allocate new plan number to the operating area map for drainage services.
14	1 July 2016	Amendment by substitution Water Licence Review 2016 and a minor amendment to consolidate operating area maps (OWR-OA-301 and OWR-OA-302 and OWR-OA-306 replaced with OWR-OA-309).
15	19 July 2016	Amendment to Irrigation Service Standards table in Schedule 2, clause 5.1.3. Reinstatement of Schedule 2, clause 6 - Farmland Areas Water System Standards.
16	1 May 2020	Water Licence Review 2019