Burdekin Groundwater Management Area

Water sharing rules
Seasonal water assignment rules

WSS/2013/277
Version 6.01
05/04/2019
## Version History

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00</td>
<td>17/10/2005</td>
<td>Endorsed</td>
</tr>
<tr>
<td>1.01</td>
<td>25/06/2008</td>
<td>Update department name. Other minor amendments consistent with recent changes to insertion of common notification section, removal of 'relationship with 'management guidelines'.</td>
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<tr>
<td>2.00</td>
<td>25/05/2010</td>
<td>Update to water sharing rules due to the commencement of the Water Resource (Burdekin Basin) Plan 2007.</td>
</tr>
<tr>
<td>2.01</td>
<td>09/03/2012</td>
<td>Attach latest version of the water use assessment report form. Re-number attachments (the link to the water use assessment report form is to an external webpage so this is now the last attachment in the list.) Change reference to 'Attachment 2 water use assessment report' to indicate this form is available in the Attachments section. Remove text (Qld) from legislative references.</td>
</tr>
<tr>
<td>3.00</td>
<td>11/06/2013</td>
<td>Amend water sharing rules to include groundwater harvesting using 5-year permit.</td>
</tr>
<tr>
<td>4.00</td>
<td>12/06/2015</td>
<td>Amend water sharing rules to; exclude reference to both the annual groundwater permitting and 5 year groundwater harvesting permitting system, inclusion of; seasonal water assignments, prescribed activities allowances, meter readings, contact details. Changed ID number from WAM/2005/2280 to WSS/2013/277</td>
</tr>
<tr>
<td>5.00</td>
<td>06/12/2016</td>
<td>Amended announced entitlement, water accounting and metering sections and other minor amendments. Section references updated to be consistent with the changes from the Water Reform and Other Legislation Amendment Act 2014</td>
</tr>
<tr>
<td>6.00</td>
<td>24/05/2018</td>
<td>Amended announced entitlement, water accounting, metering, added take of water for water harvesting purposes</td>
</tr>
<tr>
<td>6.01</td>
<td>05/04/2019</td>
<td>Updated departmental cover page. Minor amendments to include information about faulty meters.</td>
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## Approval

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director, Operations Support (Water)</td>
<td>Ian Gordon</td>
<td>05/04/2019</td>
</tr>
</tbody>
</table>
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1 Overview

This document defines the water sharing rules for the Burdekin groundwater management area, as prescribed in section 27 of the Water Regulation 2016 (Water Regulation), as well as the seasonal water assignment rules prescribed in section 39 and of the Water Regulation.

Water sharing rules and seasonal water assignment rules are prescribed under the Water Regulation for a water licence not managed under a water management protocol. Water sharing rules describe the arrangements for access to water within a water management area whilst seasonal water assignment rules describe the arrangements for temporary seasonal trading.

2 Purpose

Water sharing rules and seasonal water assignment rules establish a framework for water use accounting and as such provide an accountable and auditable trail for the movement of water use within and between entitlements.

Water sharing rules and seasonal water assignment rules also ensure that arrangements for access to water and water use accounting within a groundwater management area are clearly articulated to entitlement holders to provide them with a stable water use accounting regime.

3 Description of the groundwater management area

3.1 Geographical boundaries

The Burdekin groundwater management area extends from the Burdekin River approximately 15 kilometres upstream of the town of Clare, northwest to the coastal zone near the Haughton River around the township of Giru. The Burdekin groundwater management area also extends east to the Burdekin River in the vicinity of Mt Kelly. The Burdekin groundwater management area occupies the same area as the Burdekin underground water area. The geographical boundaries of the Burdekin groundwater management area are identified on map AP10054 which may be viewed at the department’s Ayr office.

For management purposes the Burdekin groundwater management area has been divided into the following 12 sub-areas:

- Clare
- Jardine
- Selkirk
- Giru Coastal
- Mona Park
- Woodhouse
- Haughton
- Mulgrave
- Ironbark
• Horseshoe Lagoon
• Northcote
• Selkirk Coastal

These sub-areas can be viewed in Appendix A (map CAS1605). The sub-area boundaries are based on proximity, local geology and existing hydro-geological conditions, such as transmissivity, storage capacity and proximity to the risk of salt water intrusion.

It should be noted that the Giru Benefited Groundwater Area is managed under the Water Plan (Burdekin Basin) 2007 and not under these water sharing rules.

### 3.2 Water these rules apply to

The Burdekin groundwater management area water sharing rules and seasonal water assignment rules apply to underground water in the Burdekin River, Barratta Creek and Haughton River alluviums within the Burdekin groundwater management area. A water licence is required to take water for purposes other than stock and domestic and prescribed activities as defined in the Water Regulation.

### 4 Water year

A ‘water year’ is the accounting period for taking water under a water licence. The water year for the Burdekin groundwater management area is the twelve month period from 1 July to 30 June.

### 5 Water sharing rules

#### 5.1 Nominal and annual entitlement

A nominal entitlement is the volume of water authorised to be taken during a water year, as specified on a water licence. This differs from the annual entitlement which is the actual volume of water that a licence holder may use during a water year. The annual entitlement is influenced by announced entitlements and seasonal water assignments.

The annual entitlement for a particular entitlement can be calculated using the following formula:

\[
\text{Annual Entitlement} = \text{Nominal Entitlement} \times \text{Announced Entitlement} \pm \text{Seasonal Water Assignment*}
\]

* If applicable

#### 5.2 Announced entitlement

In accordance with sections 27 and 29 of the Water Regulation, the chief executive must decide and publish an announced entitlement for the Burdekin groundwater management area.

The announced entitlement:

- is expressed as a percentage of the entitlement holder’s nominal entitlement (it is the percentage of nominal entitlement that may be taken in a water year)
- will be decided and announced before the start of the water year
- may only be increased during the water year
- may differ for each sub-area
• does not apply to water licences to take underground water with a purpose of ‘water harvesting’.

5.2.1 Considerations

When deciding an announced entitlement, in addition to the considerations specified in section 29 (3) of the Water Regulation, the chief executive must consider the following:

• trends in underground water quality
• for sub-areas near the coast—the risk of saltwater intrusion
• if less than 100 per cent announced entitlement is proposed, recommendations made by the Burdekin River Irrigation Area Irrigators Committee.

5.2.2 Notification

The chief executive will publish the announced entitlement on the Business Queensland website before the start of the water year and prior to varying the announced allocation during the water year. The chief executive may:

• give written or digital notice of the announced entitlement to water licences holders
• publish the announced entitlement in the Burdekin Advocate.

5.3 Carry over

Entitlement holders in the Burdekin groundwater management area will not be permitted to carry over unused announced entitlement from the previous water year.

5.4 Forward draw

Entitlement holders in the Burdekin groundwater management area will not be authorised to forward draw from the following year’s nominal entitlement in advance.

6 Seasonal water assignment

The holder of a water licence or seasonal water assignment notice in the Burdekin groundwater management area may apply for seasonal water assignment of their entitlement.

‘Seasonal water assignment’ means the assignment, by the holder of a seasonal water assignment notice or a water licence, of the benefit under the notice or licence to another person. A seasonal water assignment applies to a water year and for all or part of the water that may be taken under the notice or licence.

Licences with a purpose of underground ‘water harvesting’ cannot be seasonally assigned.

6.1 Application

An application for a seasonal water assignment must be made in accordance with Chapter 2, Part 3, Division 2 of the Water Act 2000 (the Act). The application may only be made by the holder of a water licence or seasonal water assignment notice (assignor/seller) for the water year in which the application is made.
6.2 Rules

6.2.1 General rules

The general rules for all seasonal water assignments in the Burdekin groundwater management area include the following:

- a seasonal water assignment is only allowed for
  - underground water in the Burdekin groundwater management area where both the assignor/seller and the assignee/buyer have works that are metered in compliance with the department’s metering standards
  - water licences with a purpose other than ‘water harvesting’
- a seasonal water assignment is not allowed if the
  - assignor/seller does not have sufficient available entitlement
  - chief executive considers that granting the assignment will potentially adversely affect other water users or the aquifer.

6.2.2 Horseshoe Lagoon sub-area

Rules specific to the Horseshoe Lagoon sub-area include the following:

- in zone 1 a seasonal water assignment is only allowed to be assigned
  - within zone 1, with a maximum seasonal water assignment volume of 5 megalitres (ML)
  - to zone 2, with a maximum seasonal water assignment volume of 10 ML
  - to zone 3.
- in zone 2 a seasonal water assignment is only allowed to be assigned
  - within zone 2 with a maximum seasonal water assignment volume of 20 ML
  - to zone 3.
- in zone 3 a seasonal water assignment is only allowed to be assigned within zone 3
- a seasonal water assignment for greater than 10 ML will not be approved where the assignee’s works are within 400 metres of an existing water bore on a neighbouring property unless agreement is obtained from the owner of that property.

A map delineating the seasonal water assignment zones in Horseshoe Lagoon is provided in Appendix B.

6.2.3 Selkirk Coastal and Giru Coastal sub-areas

Rules specific to the Selkirk Coastal and Giru Coastal sub-areas include the following:

- A seasonal water assignment is only allowed to be assigned within the assignor/sellers sub-area, with a maximum seasonal water assignment entitlement of 20 ML.
6.2.4 Selkirk sub-area

The Selkirk sub-area has been divided into two areas, zone 1 being north of the Bruce Highway and zone 2 being south of the Bruce Highway. Rules specific to the Selkirk sub-area include the following:

- in zone 1 a seasonal water assignment is only allowed to be assigned
  - within zone 1, with a maximum seasonal water assignment entitlement of 20 ML
  - to zone 2.
- in zone 2 a seasonal water assignment is only allowed to be assigned within zone 2.

6.2.5 Other sub-areas

Rules specific to sub-areas not mentioned above include the following:

- A seasonal water assignment is only allowed to be assigned within the assignor/sellers sub-area.

6.3 Approval

The seasonal water assignment has effect from the day the information notice is given to the applicant (assignor/seller). The seasonal water notice only applies for the remainder of the current water year in which the assignment takes place (i.e. the assignment will expire midnight on 30 June).

If the application for seasonal water assignment is approved, the assignor/seller cannot take the assigned water from under the water licence from which it has been assigned. That is, the assignor/seller’s annual entitlement is reduced to account for the volume of water that has been subject of seasonal water assignment and the assignee/buyer’s annual entitlement is increased by the volume stated in the notice.

Approval of a seasonal water assignment in one water year does not imply that a similar seasonal water assignment will be approved in subsequent years.

Note: Applications for seasonal water assignments will not be approved retrospectively to cover excess water use. The unauthorised take of water is an offence under the Act and may result in prosecution.
6.4 Conditions

The seasonal water assignment notice that is granted to the assignee/buyer will be subject to the conditions:

- required by the water licence (where the water was assigned from)
- prescribed under a regulation
- the chief executive decides to impose for the particular seasonal water assignment notice.

The Act allows the take of water under a seasonal water assignment notice to be limited.

A seasonal water assignment notice does not attach to land. If the holder of a seasonal water assignment notice sells their land, the new owner of the same land does not automatically acquire the seasonal water assignment notice. However, the holder of a seasonal water assignment notice may apply to re-assign the unused part of the seasonally assigned water to the new owner.

6.5 Water accounting example

Tables 1 and 2 provide examples of annual entitlement calculations in instances where a seasonal water assignment has been granted.

**Assignor/seller**

Nominal entitlement (NE) = 100 ML

**Table 1 – Calculating seasonal water assignments for assignors/sellers**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Annual entitlement calculation</th>
<th>Annual entitlement (AE)</th>
<th>Available entitlement *</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 July 2017</td>
<td>Announced entitlement (ANE) for 2017–18 water year is 80%</td>
<td>NE x ANE = AE</td>
<td>80 ML</td>
<td>80 ML</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ML x 80% = 80 ML</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 September 2017</td>
<td>Metered use to date is 30 ML</td>
<td></td>
<td>50 ML</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Licence holder (assignor/seller) seasonally assigns 20 ML</td>
<td>-20</td>
<td>30 ML</td>
<td></td>
</tr>
<tr>
<td>30 June 2018</td>
<td>Total metered use for the 2017-18 is 50 ML</td>
<td></td>
<td>10 ML</td>
<td></td>
</tr>
<tr>
<td>1 July 2018</td>
<td>Announced entitlement for the 2018-19 water year is 100%</td>
<td>NE x ANE = AE</td>
<td>100 ML</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ML x 100% = 100 ML</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Available entitlement is the volume of water that a licensee is authorised to take during the remainder of the current water year (i.e. it is the unused volume of annual entitlement).
Assignee/buyer

Nominal entitlement = 100 ML

### Table 2 – Calculating seasonal water assignments for assignee/buyer

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
<th>Annual entitlement calculation</th>
<th>Annual entitlement (AE)</th>
<th>Available entitlement *</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 July 2017</td>
<td>Announced entitlement (ANE) for 2017–18 water year is 80%</td>
<td>NE \times\ ANE = AE</td>
<td>80 ML</td>
<td>80 ML</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ML \times 80% = 80 ML</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 September 2017</td>
<td>Metered use to date is 40 ML</td>
<td></td>
<td>40 ML</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Licence holder receives (is assigned) a seasonal water assignment of 20 ML</td>
<td>+ 20 ML</td>
<td></td>
<td>60 ML</td>
</tr>
<tr>
<td>30 June 2018</td>
<td>Total metered use for 2017-18 water year is 95 ML</td>
<td></td>
<td></td>
<td>5 ML</td>
</tr>
<tr>
<td>1 July 2018</td>
<td>Announced entitlement for the 2018-19 water year is 100%</td>
<td>NE \times\ ANE = AE</td>
<td>100 ML</td>
<td>100 ML</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100 ML \times 100% = 100 ML</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Available entitlement is the volume of water that a licensee is authorised to take during the remainder of the current water year (i.e. it is the unused volume of annual entitlement).

### 7 Take of water for water harvesting purposes

Water licences for the purpose of water harvesting aim to make productive use of volumes contained within the rising water table above the nominated threshold levels of representative monitoring bores.

A nominal volume in megalitres per water year is assigned to the licence. The volume of water available is not subject to announced entitlement and cannot be seasonally assigned. Accessing this volume is subject to the conditions of the licence e.g. water may be taken whenever the water table is above nominated threshold levels within representative monitoring bores (and below electrical conductivity [EC] threshold levels, where applicable).

To facilitate this water table management, the department has installed telemetry on a number of representative monitoring bores and licence holders should monitor current levels on the Business Queensland website. Licence holders may be notified if the water level (and/or EC level) is nearing the threshold level. Pumping must cease once the threshold level is reached. Where applicable, the client’s ‘Irrigation’ water licence volume (or seasonal assignment volume) could then be utilised.
7.1 Water harvesting conditions

For authorisations with the purpose of water harvesting, management units (refer Appendix C) are used to define which representative monitoring bores the conditions on the licence will relate to. Licences issued with a purpose of water harvesting are conditioned to permit the take of water when the levels in representative monitoring bores for the licence’s management unit are above a target water level.

The target water levels in representative monitoring bores in each management unit can be seen in Tables 3 and 4. The process for viewing current water levels in representative monitoring bores is outlined in Appendix D.

Table 3 - Target water levels

<table>
<thead>
<tr>
<th>Management unit</th>
<th>Representative monitoring bore</th>
<th>Target water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Cease water</td>
</tr>
<tr>
<td></td>
<td></td>
<td>harvesting water</td>
</tr>
<tr>
<td></td>
<td></td>
<td>level (m AHD)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Restart water</td>
</tr>
<tr>
<td></td>
<td></td>
<td>level (m AHD)</td>
</tr>
<tr>
<td>Coastal</td>
<td>11910186 (L)</td>
<td>2.4</td>
</tr>
<tr>
<td></td>
<td>11910894 (L)</td>
<td>2.7</td>
</tr>
<tr>
<td></td>
<td>11910191 (L)</td>
<td>2.1</td>
</tr>
<tr>
<td>Horseshoe Lagoon And Horseshoe</td>
<td>11910186 (L)</td>
<td>2.4</td>
</tr>
<tr>
<td>Lagoon North</td>
<td>11900061 (L)</td>
<td>2.0</td>
</tr>
<tr>
<td></td>
<td>11900218 (L)</td>
<td>3.4</td>
</tr>
<tr>
<td></td>
<td>11900186 (L)</td>
<td>2.0</td>
</tr>
<tr>
<td>Giru</td>
<td>11900058 (L)</td>
<td>2.8</td>
</tr>
<tr>
<td>Jardine 1</td>
<td>11910933 (L)</td>
<td>5.1</td>
</tr>
<tr>
<td></td>
<td>11910894 (L)</td>
<td>2.7</td>
</tr>
<tr>
<td>Selkirk 1</td>
<td>11900089 (L)</td>
<td>8.8</td>
</tr>
<tr>
<td></td>
<td>11900209 (L)</td>
<td>4.4</td>
</tr>
<tr>
<td></td>
<td>11911019 (L)</td>
<td>3.9</td>
</tr>
<tr>
<td>Northcote 1</td>
<td>11910985A (L)</td>
<td>9.4</td>
</tr>
<tr>
<td></td>
<td>11910923A (L)</td>
<td>6.5</td>
</tr>
<tr>
<td></td>
<td>11910980 (L)</td>
<td>7.1</td>
</tr>
<tr>
<td></td>
<td>11910204 (L)</td>
<td>10.6</td>
</tr>
<tr>
<td>Northcote 2</td>
<td>12000197 (L)</td>
<td>12.5</td>
</tr>
<tr>
<td></td>
<td>11910204 (L)</td>
<td>10.6</td>
</tr>
<tr>
<td></td>
<td>11911006</td>
<td>11.6</td>
</tr>
<tr>
<td>Management unit</td>
<td>Representative monitoring bore</td>
<td>Threshold electrical conductivity level (µS/cm)</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Horseshoe Lagoon And Horseshoe Lagoon North</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11910186 (L)</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>11900061 (L)</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>11900218 (L)</td>
<td></td>
<td>1500</td>
</tr>
<tr>
<td>11900186 (L)</td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td>Giru</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11900058 (L)</td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td>11900147 [L]</td>
<td></td>
<td>5000</td>
</tr>
</tbody>
</table>

(L) indicates a logger is installed

**Table 4 – Threshold electrical conductivity levels**

Burdekin groundwater management area, Water sharing rules, seasonal water assignment rules, Department of Natural Resources Mines and Energy, **WSS/2013/277**, Version 6.01, last reviewed 05/04/2019
When water levels, and/or EC levels, are nearing thresholds licence holders may be informed. When threshold levels are reached in any one of the representative monitoring bores for a management unit, licence holders in that unit may be given 5 business days’ notice to cease pumping under the conditions of the licence.

7.1.1 Meter readings – trigger events

The licence holder must record the meter or measuring device reading on all works associated with the water licence on the date:

1. at the beginning of the period when take commenced under the authorisation
2. at the end of the period that take ceased under the authorisation.

Recordings must be provided to the department within 10 business days of notification.

8 Take of water for stock and domestic purposes and/or prescribed activities

In accordance with Schedule 17 of the Regulation, a licence is not required for taking underground water for stock and domestic purposes or a prescribed activity. The take of underground water for stock and domestic purposes is authorised under section 96 and prescribed activities 101 of the Act. Section 101 also authorises prescribed activities listed in Schedule 3 of the Water Regulation, for example washing down agricultural equipment, filling spray units and washing produce.

The take of water for stock and domestic purposes may be established provided the holder of a metered entitlement has notified the department using the ‘Stock or domestic allowance notification form’ (W2F058) which is available on the Business Queensland website. The department may also require notification of prescribed activities if the take of water for these activities is to be achieved through metered works.

The take of stock and domestic and/or prescribed activities water is separate from the nominal entitlement associated with the water licence. Water authorised to be taken under this allowance is not subject to these water sharing rules, and consequently is not affected by the announced entitlement.

Where a stock or domestic and/or prescribed activities allowance has been established, the first volume of water taken under the water licence in a water year is taken to be the volume of water authorised to be taken under that allowance.

9 Water accounting

For each water year, water use will be accounted for in the following order (see Figure 1 below):

1. Stock or domestic allowance; Prescribed activities (if applicable)
2. Water harvesting entitlement (if applicable)
3. Announced entitlement
4. Seasonal water assignment (subject to approval).

Start of water year                                      End of water year
10 Metering

The take of underground water for purposes other than stock, domestic or prescribed activities is required to be metered. The Burdekin groundwater management area is a declared metered entitlement area under Schedule 11 of the Water Regulation.

10.1 Installation, maintenance and validation of meters

Water entitlement holders are required to manage the purchase, installation, maintenance and validation of their own water meter(s). The water meter can be purchased and installed by the entitlement holder or by an irrigation service company of the entitlement holder’s choice.

A water meter validation certificate is required to be completed by an authorised meter validator. The validator who carries out the validation inspection must, within 20 business days after carrying out the inspection, provide a validation certificate for the meter. The holder or owner must, within 20 business days after being given a validation certificate provide a copy to the department. This certificate validates the meter in accordance with the Queensland Interim Water Meter Standard for Non-Urban Metering and verifies that the holder now has a metered entitlement.

Approved meters are required to be revalidated by a validator in accordance with Schedule 11 of the Water Regulation. The water entitlement holder must submit a validation certificate when revalidation is completed.

Further information relating to metering may be accessed from the Business Queensland website.

10.2 Faulty meters

Water entitlement holders are required to ensure that their meters are operational and report any faults to the department. If a water entitlement holder becomes aware that their meter is faulty, they must:

1. Notify the department in writing within 3 days.
2. Repair or replace the meter within 60 business days of notifying the department. Extensions of time will be considered on a case-by-case basis. Within this 60 day period, users can continue to take water, providing they manually record the water take using the ‘water assessment report form’.
3. Once the meter has been repaired or replaced, a validation certificate (completed by an authorised meter validator) along with the completed water use assessment report form are to be submitted to the department.

A faulty meter, as defined in the Water Regulation, is a meter which has one of the following defects:

- cannot be read or cannot record the volume of water taken within acceptable tolerances
- leaks water or air that affects the flow of water through the meter
- does not have a tamper proof seal

10.3 Meter readings

Entitlement holders for unsupplemented water within the Burdekin groundwater management area will be required to provide annual end of water year meter readings to the department. The department will provide the licence holder with a notice when meter reading are due, the notice will include details of what information is required. Failure to comply with a notice to supply a meter read is an offence under the Water Regulation.

Subject to the conditions associated with a water licence and or other relevant factors, the chief executive may request the holder of a metered entitlement to submit additional meter reads to the department. Should additional meter reads be required, the department will contact licence holder/s when meter readings are scheduled with details of what information is required.

Further information relating to metering is available on the Business Queensland website or by contacting the department's Ayr office.

10.4 Triggered meter readings—licences with a water harvesting purpose

Additional meter readings may also be required to be provided to the department during the water year. For example, the holder of a licence for the take of underground water with a purpose of ‘water harvesting’, may be required to provide the department with a meter read in accordance with the licence conditions.

In accordance with your water licence conditions, you are required to take meter reads from all of the works associated with a specific water licence, at the commencement and cessation of taking water under the water licence. An example of when taking water under the water licence may commence or cease can be seen in Figure 2.
Providing meter reads

These meter readings should be recorded on the meter reading form that is available on the Business Queensland website. The form should be provided to the department by post or email using the contact details on the form within 10 business days of the take of water either commencing or ceasing.

10.5 Meter readings—seasonal water assignments

The assignor/seller is required to supply meter readings with any application for a seasonal water assignment.

The process for the licence holder to supply meter readings is detailed on the application form for seasonal water assignment of a water licence.

10.6 Quality check of readings

Meter readings supplied by the licence holder may be subject to a quality check to ensure that the supplied meter reading is accurate.

For example, the supplied meter reading must:

- be equal to or more than the previous reading
- correspond with the sequence of meter readings recorded for that meter by the department.

11 Responsibilities

Water entitlement holders:

- Must ensure that the take of water does not exceed the authorised volume of the licence.
• Must ensure that water is taken in accordance with the conditions of the water licence and/or, seasonal water assignment.

• Must be consistent with the water sharing rules and seasonal water assignment rules.

• May apply for a seasonal water assignment, consistent with the seasonal water assignment rules.

• Must install, maintain, arrange validation and read water meters, consistent with the requirements outlined in the Water Regulation.

The department:

• Must decide and provide notification of the announced entitlement prior to the commencement of the water year and prior to the commencement of any subsequent variations to the announced entitlement.

• Must decide any applications for seasonal water assignment in accordance with the seasonal water assignment rules.

12 Contact us

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Appendix A—Sub-areas within the Burdekin groundwater management area
Appendix B—Horseshoe Lagoon zone map for seasonal water assignments

Horseshoe Lagoon Subarea of the Burdekin Declared Subartesian Area

Legend
- Monitoring Bore Location

Zone
- Zone 1
- Zone 2
- Zone 3

Burdekin groundwater management area, Water sharing rules, seasonal water assignment rules, Department of Natural Resources Mines and Energy, WSS/2013/277, Version 6.01, last reviewed 05/04/2019
Appendix C— Map of water harvesting management units and representative bores

Prepared by:
A. Bedke
Date:
14/7/2016
File Ref:
Q Water Services/Water Management NEW/MAPS/Burdekin/H Management Unit and Rep. Bore Map

Legend
- Standard Monitoring Bore
- Monitoring Bore with Telemetry

Burdekin Subartesian Area
Water Harvesting Management Units and Representative Bores
Scale 1:250,000
0 1 2 4 6 8 10 12 Kilometers

Burdekin groundwater management area, Water sharing rules, seasonal water assignment rules, Department of Natural Resources Mines and Energy, WSS/2013/277, Version 6.01, last reviewed 05/04/2019
Appendix D— Accessing water level and quality information

The process for viewing current water levels in representative monitoring bores is outlined below.

Water monitoring portal (water levels only)

Real time water level measurements can be viewed on the water monitoring portal for representative monitoring bores marked with (L).

The portal can be accessed at watermonitoring.dnrm.qld.gov.au.

Bore information can be found under the groundwater data, groundwater stations, Burdekin or Haughton Basin headings using the appropriate registered bore number. If you have any trouble accessing the water levels, please contact the department.

Queensland Globe (water level and water quality)

Water level and water quality (electrical conductivity) data can be viewed using the Queensland Globe.

The Queensland Globe is an online interactive tool that turns physical, geographical and spatial data about a particular location into map format. The Queensland Globe allows you to view and explore Queensland spatial data and imagery. It can be accessed through the Business Queensland website and searching ‘Queensland Globe’.

To access groundwater information the ‘go to Help (at the lower left corner of the globe screen) and view the ‘Frequently asked questions’. The representative monitoring bore can then be found by entering the registered number using the ‘bore report’ link.

The department

Water level measurements for all registered monitoring bores can also be obtained by contacting the department’s Ayr office.