

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	171415
Licensee	South Australian Water Corporation
Trading name	SA Water Adelaide 15
Licensee address	GPO Box 1751 (C/- Hamish Reid), ADELAIDE, SA 5001

## Licence details

Licence service	Fixed
Licence subservice	Point to Point
Licence number	1909744/1
Callsign	AXS847
Date of issue	05/12/2023
Date of effect	05/12/2023
Date of expiry	30/11/2024

## Licence conditions

Your licence is subject to conditions set out in the *Radiocommunications Act 1992*. Your licence may also be subject to such other licence conditions as determined by the ACMA (in licence condition determinations) from time to time, and is also subject to special conditions as detailed on this licence.

The conditions that are imposed on a licence vary according to the type of licence issued, the service being operated and the section of the *Radiocommunications Act 1992* under which the licence has been issued. For further information about the conditions that apply to your licence, please contact the ACMA (see contact details below).

### Rights of appeal

A decision by the ACMA to impose further conditions or revoke or vary the conditions of your licence may be reviewable. If you are affected by, and dissatisfied with, such a decision you may apply to the ACMA to have the ACMA reconsider the decision under section 288 of the *Radiocommunications Act 1992*.

An application for reconsideration must state the reasons for the request, and should be sent to the Customer Service Centre, Australian Communications and Media Authority, PO Box 78, Belconnen, ACT, 2616. Applications for review of decisions can be made using the R051 - Application for review of Decision form, available on the ACMA website.

### Important

An application for the ACMA to reconsider a decision to impose or vary licence conditions must be made to the ACMA within 28 days of the day on which you are informed of the decision. An application for reconsideration made after that time may not be accepted.

## ACMA contact details

Customer Service Centre  
PO Box 78  
BELCONNEN ACT 2616

Telephone: 1300 850 115  
Email: [info@acma.gov.au](mailto:info@acma.gov.au)

ACMA website: [www.acma.gov.au](http://www.acma.gov.au)

## **Advisory Notes applying to licence no.: 1909744/1**

Conditions applicable to the operation of Point to Point station(s) authorised under this licence can be found in the Radiocommunications Licence Conditions (Apparatus Licence) Determination and the Radiocommunications Licence Conditions (Fixed Licence) Determination, the 'fixed licence lcd'. Copies of these determinations are available from the ACMA and from the ACMA home page ([www.acma.gov.au](http://www.acma.gov.au)).

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Main Station Site

### Station 1:

#### Site details

Site ID	25295
Site address	Telstra Site, Kongwirra Hill 45549A Eyre Hwy, MERGHINY SA 5690
Co-ordinates (GDA94)	Latitude: -32.13880259 Longitude: 133.78947157

#### Transmitter details

Assigned frequency	413.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000731675
Transmitter power	1.00 W
EIRP	
Emission designator	16K0F2D

#### Antenna details

Antenna ID	60218
Antenna polarisation	H - Horizontal linear
Antenna azimuth	279.44
Antenna height (m)	30
Antenna type	Yagi (Horizontal Polarisation)-Y

#### Receiver details

Assigned frequency	404.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000731678
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

#### Antenna details

Antenna ID	60218
Antenna polarisation	H - Horizontal linear
Antenna azimuth	279.44
Antenna height (m)	30
Antenna type	Yagi (Horizontal Polarisation)-Y

### Special Conditions applying to Station 1

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.

## Technical characteristics

Below is a summary of the technical characteristics of the licensed service. Further technical details not displayed here may be found on the ACMA website.

### Main Station Site

### Station 2:

#### Site details

Site ID	9009322
Site address	SA Water Depot, 6 Merghiny Drive, CEDUNA SA 5690
Co-ordinates (GDA94)	Latitude: -32.1228181 Longitude: 133.6768138

#### Transmitter details

Assigned frequency	404.325000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000731677
Transmitter power	1.00 W
EIRP	
Emission designator	16K0F2D

#### Antenna details

Antenna ID	60218
Antenna polarisation	H - Horizontal linear
Antenna azimuth	99.50
Antenna height (m)	6
Antenna type	Yagi (Horizontal Polarisation)-Y

#### Receiver details

Assigned frequency	413.775000 MHz
Bandwidth	25.0000 kHz
Freq. assign. ID	0000731676
Transmitter power	N/A
EIRP	N/A
Emission designator	16K0F2D

#### Antenna details

Antenna ID	60218
Antenna polarisation	H - Horizontal linear
Antenna azimuth	99.50
Antenna height (m)	6
Antenna type	Yagi (Horizontal Polarisation)-Y

### Special Conditions applying to Station 2

When the transmitter is coupled to an antenna the level of all discrete spurious components caused by the transmitter & measured at the connection to the antenna must not exceed -30 DBM. Broadband noise floor of the transmitter measured at the same point must not exceed -47 DBM in a 16 kHz bandwidth for frequency offsets greater than 300 kHz from the transmit frequency.