

# Apparatus Licence

Issued by Delegate of the Australian Communications and Media Authority



## Licensee details

Customer ID	20039794
Licensee	SUEZ WATER PTY LTD
Licensee address	Level 3 3 Rider Boulevard, RHODES, NSW 2138

## Licence details

Licence service	Fixed
Licence subservice	Point to Multipoint - Land Mobile Spec
Licence number	11641428/1
Date of issue	15/04/2024
Date of effect	15/04/2024
Date of expiry	10/04/2025

## 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)

## **Special Conditions applying to licence no.: 11641428/1**

This service does not conform with the relevant Band Plan. It is authorised to operate on the condition that it does not inhibit the operation of any Radiocommunications service and may be required to cease operation in order to accommodate the operation of other Radiocommunications services.

## **Advisory Notes applying to licence no.: 11641428/1**

Conditions applicable to the operation of point to multipoint 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	10029052
Site address	Suez Water Site - Reservoir 2, Mary St, The Gap QLD
Co-ordinates (GDA94)	Latitude: -20.7212 Longitude: 139.497058

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603493
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603494
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 2:

#### Site details

Site ID	10029053
Site address	Suez Water Site - Reservoir 1, Lookout Rd, The Gap QLD
Co-ordinates (GDA94)	Latitude: -20.7232 Longitude: 139.498033

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603495
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603496
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 3:

#### Site details

Site ID	10029056
Site address	Suez Water Site - Reservoir 6, Paterson Cres, Fisher QLD
Co-ordinates (GDA94)	Latitude: -20.7491 Longitude: 139.508

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603497
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603498
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 4:

Site details	
Site ID	10029055
Site address	Suez Water Site - Reservoir 3A, Pamela St, Fisher QLD
Co-ordinates (GDA94)	Latitude: -20.7321 Longitude: 139.512

Transmitter details	
Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603499
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

Antenna details	
Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

Receiver details	
Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603500
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

Antenna details	
Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 5:

#### Site details

Site ID	10029054
Site address	Suez Water Site - Underground Hospital, 73 Deighton St, Mornington QLD
Co-ordinates (GDA94)	Latitude: -20.730078 Longitude: 139.495567

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603501
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603502
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 6:

#### Site details

Site ID	10029051
Site address	Suez Water Site - Old Town Reservoir, Manus St, Soldiers Hill QLD
Co-ordinates (GDA94)	Latitude: -20.703322 Longitude: 139.488094

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603503
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603504
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole



## 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.

### Supplementary Station Site

### Station 7:

#### Site details

Site ID	10029050
Site address	Suez Water Site - Quota Club Park, 31 Erap St, Soldiers Hill QLD
Co-ordinates (GDA94)	Latitude: -20.6971 Longitude: 139.492069

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603505
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603506
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 8:

Site details	
Site ID	10029049
Site address	Suez Water Site - Control Rm Bldg, Treatment Plant Rd, Mount Isa QLD
Co-ordinates (GDA94)	Latitude: -20.693814 Longitude: 139.514208

Transmitter details	
Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603507
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

Antenna details	
Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

Receiver details	
Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603508
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

Antenna details	
Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

## 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.

### Supplementary Station Site

### Station 9:

#### Site details

Site ID	10029048
Site address	Suez Water Site - Mt Isa Airport, Barkly Hwy, Mount Isa QLD
Co-ordinates (GDA94)	Latitude: -20.666503 Longitude: 139.491922

#### Transmitter details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603509
Transmitter power	250 mW
EIRP	500 mW
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole

#### Receiver details

Assigned frequency	169.443750 MHz
Bandwidth	12.5000 kHz
Freq. assign. ID	0003603510
Transmitter power	N/A
EIRP	N/A
Emission designator	10K1F1E

#### Antenna details

Antenna ID	92918
Antenna polarisation	V - Vertical linear
Antenna azimuth	
Antenna height (m)	15
Antenna type	Dipole