

# ANNUAL DRINKING WATER PERFORMANCE REPORT

---

1 JULY 2021 –  
30 JUNE 2022







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# 1. INTRODUCTION

This report presents Urban Utilities’ drinking water quality performance for FY22. It provides an assurance to our customers within our five local government supply areas in safety and quality of drinking water through:

- Detailed summary of our performance against Public Health Regulation 2018, Australian Drinking Water Guideline (ADWG) 2011, and the recent Queensland Health Chlorate Position Statement.
- Urban Utilities water quality continuous improvements.

# 2. DRINKING WATER QUALITY AT A GLANCE



114,025  
Water Quality  
Tests Conducted



11,348  
Water Samples  
Collected



129,103 ML  
of Drinking Water  
Supplied to Customer



19  
Incidents  
Notifications

## 2.1 DRINKING WATER QUALITY AND PERFORMANCE

Achieved **100%** compliance with the *Public Health Regulation 2018*<sup>1</sup> E. coli parameter.  
Achieved **100%** compliance with the *Australian Drinking Water Guidelines* chemical-related parameters.  
Achieved **100%** compliance with the *Australian Drinking Water Guidelines* aesthetic-related parameters.

<sup>1</sup> Division 2 section 52 Standard for drinking water 4b





### 3. OUR SUPPLY AREA

Urban Utilities provides drinking water services to 1.5 million people residing within a 14,384km<sup>2</sup> geographic area, which stretches from Cape Moreton in the east to the foot of the Toowoomba Range in the west, and from the Yabba State Forest in the north to the New South Wales border in the south.

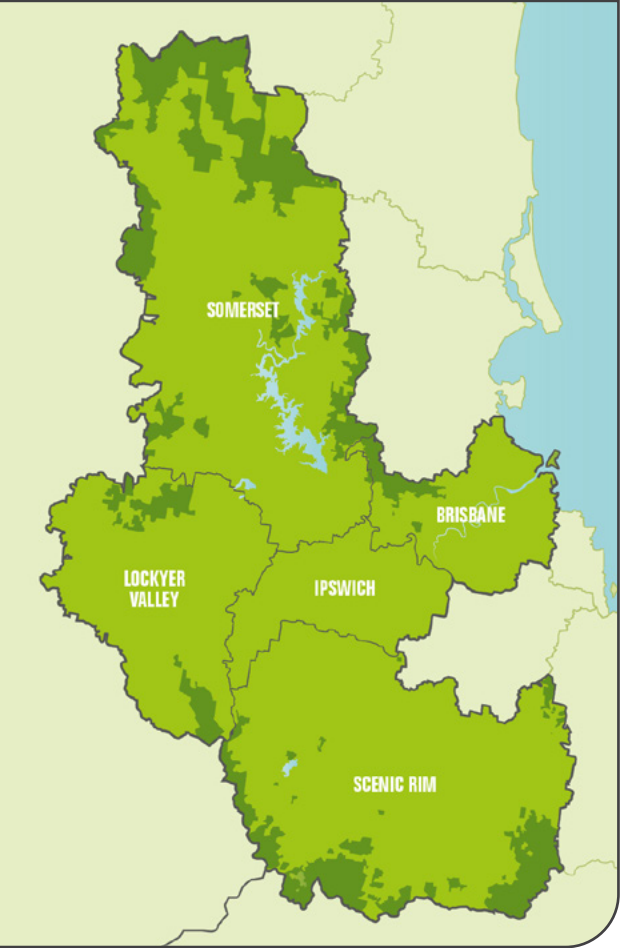
Seqwater, the State Government bulk water supply authority, supplies water from the dams, weirs, and water treatment plants that it manages. Urban Utilities then distributes this treated water to your property via an extensive network of reservoirs, pumps, and pipes, across 12 water supply schemes.

Urban Utilities’ 12 drinking water supply schemes (listed below) are the distribution systems within the five local government boundaries of our shareholders. Each scheme begins at the bulk supply points owned by Seqwater and ends at the customer’s meter (see Figure 1: Urban Utilities’ drinking water supply schemes).

1. Beaudesert,
2. Boonah – Kalbar also servicing localities extending out to Mt Alford and Aratula,
3. Canungra,
4. Esk – Toogoolawah,
5. Jimna,
6. Kilcoy,
7. Kooralbyn,
8. Linville,
9. Lowood – servicing townships in the Lockyer Valley and Somerset regions of Tarampa, Minden, Prenzlau, Coolana, Lowood, Vernor and Fernvale.
10. Rathdowney,
11. Somerset Township, and
12. South East Queensland (Brisbane and Ipswich) Water Supply System (SEQWSS) including the Scenic Rim townships of Harrisville, Peak Crossing and Warrill View.

The SEQWSS makes up around 89% of the total water supply network, with schemes in the Lockyer Valley, Scenic Rim and Somerset making up the remaining 11%.

Figure 1: Urban Utilities’ drinking water supply schemes



#### 3.1 DRINKING WATER SUPPLY SCHEME BY SUBURB

To determine which supply scheme services which suburb, refer to Appendix A: Suburbs by water supply schemes (see page 11). There are some suburbs that are not connected to our drinking water network, which means that residents in these areas do not receive drinking water directly to their properties via our distribution system.

### 4. WATER QUALITY SUMMARY

The Scientific Analytical Services Laboratory<sup>2</sup> (SAS Lab) is our laboratory service provider and performs our sampling and analytical requirements.

In FY22, SAS Lab routinely sampled from over 320 dedicated drinking water sample points, collecting over 11,300 samples, and performing over 114,000 tests of our drinking water. The drinking water quality parameters were monitored and reviewed in accordance with Queensland legislative requirements and the ADWG.

In FY22, we met the prescribed health-related and aesthetic standards for all 12 drinking water supply schemes (see Table 2).

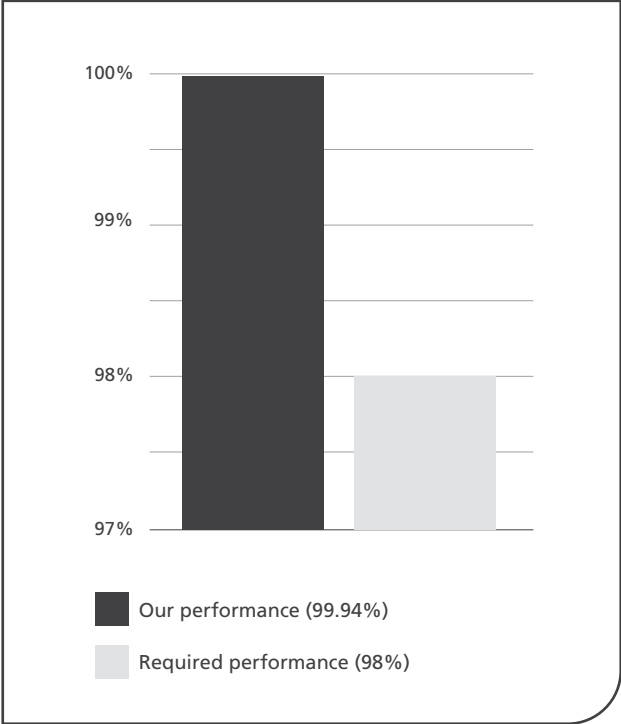
Table 2: Drinking water supply scheme results  
1 July 2021 – 30 June 2022

Overall			
Scheme	E. coli	Health	Aesthetic
Beaudesert	☑	☑	☑
Boonah-Kalbar	☑	☑	☑
Canungra	☑	☑	☑
Esk-Toogoolawah	☑	☑	☑
Jimna	☑	☑	☑
Kilcoy	☑	☑	☑
Kooralbyn	☑	☑	☑
Linville	☑	☑	☑
Lowood	☑	☑	☑
Rathdowney	☑	☑	☑
Somerset	☑	☑	☑
SEQWSS	☑	☑	☑

#### 4.1 ESCHERICHIA COLI (E. COLI)

Urban Utilities continued to achieve excellent health performance in FY22 in managing *E. coli* across all drinking water schemes, in accordance with legislative requirements. For each scheme, sampling exceeded the requirements under the regulations. In addition, the standard for drinking water of no detection of *E. coli* in 98% of samples collected over a 12-month period was achieved (figure 2). *E. coli* was detected in 13 of the 11,300 samples, and on each occasion Urban Utilities provided notification to the Regulator and took the necessary actions to ensure the supply of drinking water was safe.

Figure 2: Percent of water samples in which *E. coli* was not detected



*E. coli* water quality compliance details are provided in Appendix B: FY22 water quality compliance – *E. coli*, including the month-by-month performance for each drinking water supply scheme (see page 28).

<sup>2</sup> The SAS Lab is accredited by the National Association of Testing Authorities (NATA).

# 4. WATER QUALITY SUMMARY

## 4.2 HEALTH-RELATED CHEMICAL ASSESSMENT

The Verification Monitoring Program (VMP) analyses health-related chemicals which are continuously trended and assessed against ADWG health-related limits and operational control triggers. These include:

- |                         |                           |
|-------------------------|---------------------------|
| • Arsenic               | • Fluoride                |
| • Barium                | • Lead                    |
| • Cadmium               | • Manganese               |
| • Chlorine (Free)       | • Monochloroacetic Acid   |
| • Chlorine (Total)      | • Nickel                  |
| • Chlorate <sup>3</sup> | • Trichloroacetic Acid    |
| • Chromium              | • Trihalomethanes (Total) |
| • Copper                |                           |
| • Dichloroacetic Acid   |                           |

All 12 drinking water schemes achieved the performance requirement for health-related chemical limit values defined in the ADWG using the 95th percentile (95th-percentile) calculation.

Health assessment details for each drinking water supply scheme are provided in Appendix C: FY22-water quality compliance – health assessment (see page 36).

## 4.3 AESTHETIC ASSESSMENT

VMP is used to continuously assess non-health related parameters which contribute to the way our water tastes, smells, and appears. We understand these physical aspects of drinking water are important in enriching the quality of life. In FY22, our drinking water schemes performed within the aesthetic guideline values detailed in the ADWG. The aesthetic assessment for each drinking water supply scheme is provided in Appendix D: FY22 water quality – aesthetic assessment (see page 42).

<sup>3</sup> Chlorate is assessed against QLD Health interim guideline.





# 5. WATER QUALITY CONTINUOUS IMPROVMENTS - YEAR IN REVIEW

URBAN UTILITIES IS COMMITTED TO CONTINUAL IMPROVEMENT AND INNOVATION IN THE MANAGEMENT OF OUR DRINKING WATER SUPPLY SO THAT WE PROVIDE OUR CUSTOMERS WITH A SAFE, HIGH-QUALITY, AND RELIABLE PRODUCT. IT'S HOW WE ENRICH QUALITY OF LIFE.

HERE ARE SOME OF THE ACTIVITIES WE'VE BEEN INVOLVED IN OVER THE LAST 12 MONTHS:



## 5.1 RESERVOIR INTEGRITY

During FY22, we continued to deliver our reservoir water safety improvement program as a key priority. We have focused on improving the inspection process to effectively identify and rectify water quality risks. This year the program completed comprehensive inspections of 86 of our reservoir sites. These inspections provided valuable insights into the condition of our reservoirs and provided immediate improvements to water quality risks, with corrective works conducted during the inspection process.

This year saw a continuation of the rollout of Urban Utilities' smart human analytics security camera program, with seven additional reservoir sites being added to the overall list of assets to be upgraded to this technology. Our total number of sites being monitored in this way increased overall to 27, with a total of 118 cameras. In addition, we transitioned our core security camera network to a new leading-edge platform that improves early detection and incident analytics across our security systems. We also continued our risk-based investment in other business and asset security improvements to support early detection and rapid response to security incidents



## 5.2 DISINFECTION MANAGEMENT

During the reporting period, disinfection management processes were improved to maintain effective barriers against biological contamination of water. To achieve this, we focused on optimising the operation of our networks and improving our water quality data to better understand performance.

To inform operating decisions, we established a new water quality surveillance process that allows us to keep a closer eye on water quality performance. The process involves monitoring key water quality parameters across our network, such as chlorine and trihalomethanes, with intervention plans and trigger levels in place to respond to changes. As part of this program, this year we continued to refine our deep cycling program with many sites now better understood in terms of risk and disinfection response.

Urban Utilities continues to monitor disinfection performance through verification monitoring and operationally through a fleet of portable online analysers. We continue to leverage our inhouse service and maintenance calibration rig to ensure the ongoing data acquisition performance of the units.



## 5.3 OPERATIONAL MONITORING

During FY22, Urban Utilities developed a new reservoir operating philosophy to improve how we operate reservoirs to balance water quality and supply outcomes. Coupled with advancements in dynamic reservoir management and demand surveillance, Urban Utilities has effective tools to continue to build effective operational monitoring practices supporting water quality performance and positioning the business for the journey towards an ISO22000 operating framework.

Urban Utilities is also in the process of upgrading SCADA monitoring systems via the Enterprise SCADA project. The project is improving visibility, accuracy, and consistency of data across our supply schemes through a common SCADA platform.

Urban Utilities embraces technological advancement and has commenced a pilot study into the use of IoT to improve network supervision. The device array and network architecture are unique to the Queensland water industry and promises to vastly improve the way we manage water quality and municipal networks.

# 5. WATER QUALITY CONTINUOUS IMPROVMENTS - YEAR IN REVIEW



## 5.4 WATER QUALITY CAPITAL IMPROVEMENTS PROGRAM

This year, we continued to invest in upgrades of assets to ensure the quality and safety of drinking water. This program of works included the rehabilitation of four reservoirs, including installation of new reservoir roofs, and refurbishment of floor and wall joints.

Our Water Mains Renewals Program replaced a further 20km of water mains in FY22. This program targets intervention of at-risk pipes to reduce the likelihood of unplanned disruptions to our customers' water service. Replacement of these assets improves the reliability of our water quality and water supply.



## 5.5 PREDICTIVE MODELLING

During FY22, predictive water quality models were developed to allow our teams to refine the configuration of our water networks to achieve improved water quality outcomes. Predictive models were built for the Brisbane and Ipswich LGAs, with works underway to build the same capability for the Lockyer Valley, Somerset, and Scenic Rim in FY23. Through this action, our capacity to identify and influence on water age and disinfection has improved, resulting in improved water quality outcomes.

We commenced the development of the THM formation potential model for the Lowood supply scheme. The creation of theoretical THM formation potential equations will better inform how we operate the Lowood supply scheme to reduce occurrence of THM concentrations approaching or exceeding the ADWG Health Limit and provide insights in how to respond in a dynamic climate and environmental variances.



## 5.6 DRIVING CHANGE THROUGH COLLABORATION

During FY22, Urban Utilities signed a new water quality service level agreement with Seqwater. The agreement defines water quality expectations of the bulk water received by Urban Utilities customers. This is a milestone achievement welcomed by both parties, with Urban Utilities customers being beneficiaries of more consistent and reliable bulk water. The initiative will be ratified in the next revision of the Bulk Water Supply Agreement with Seqwater.

In Beaudesert, Urban Utilities continued to work with Seqwater to improve resilience of water supply and enhanced drinking water quality to the township through implementation of more resilient operating protocols and treatment options. Works are underway to provide Beaudesert with further supply resilience with the connection of Beaudesert to the Grid in 2023. Urban Utilities and Seqwater will continue to work on water quality objectives of the new supply arrangement to achieve best possible outcomes for the Beaudesert community.

Internally, we are working to drive water quality improvement collaboratively via our Integrated Water Quality Sprint. The sprint brings together our Operations, Maintenance, and Integrated Solutions teams to ensure our water quality solutions are connected to our current and future challenges.



## 5.7 MAINS CLEANING

Sediment accumulates over time in drinking water mains. Pressure and flow variances can result in remobilisation of sediment and be therefore transferred to customers. In FY22, 26% (90) of water quality complaints (345) were associated with dirty water. These complaints were largely addressed by reactive flushing.

Urban Utilities intends to reduce the instances of customer-driven complaints related to dirty water by implementing a mains cleaning program. Over the last financial year, we cleaned over 100 km of our mains in two high priority areas, with the performance assessment ongoing. The program initially targeted locations that experience higher-than-average customer complaints describing dirty water, with plans to develop a rolling program if success measures are achieved.

This process involves flushing water through the pipes at high velocity and the addition of chlorine. Efficient technology is used that conserves water and ensures that water quality is maintained whilst causing minimal disruption to service.



## 6. ACCESSING THIS REPORT

This report is available on our website:  
[urbanutilities.com.au/publications](http://urbanutilities.com.au/publications)

## 7. APPENDICES

### APPENDIX A: SUBURBS BY WATER SUPPLY SCHEMES

Suburb	P/Code	Local Government Area	Water Supply Scheme
Acacia Ridge	4110	Brisbane	South East Queensland Water Supply Scheme
Adare	4343	Lockyer Valley	Lowood
Albion	4010	Brisbane	South East Queensland Water Supply Scheme
Alderley	4051	Brisbane	South East Queensland Water Supply Scheme
Algester	4115	Brisbane	South East Queensland Water Supply Scheme
Allandale	4310	Scenic Rim	Boonah-Kalbar
Allenview	4285	Scenic Rim	Not connected to the Urban Utilities network <sup>4</sup>
Amberley	4306	Ipswich	South East Queensland Water Supply Scheme
Annerley	4103	Brisbane	South East Queensland Water Supply Scheme
Anstead	4070	Brisbane	South East Queensland Water Supply Scheme
Anthony	4310	Scenic Rim	Not connected to the Urban Utilities network
Aratula	4309	Scenic Rim	Boonah-Kalbar
Archerfield	4108	Brisbane	South East Queensland Water Supply Scheme
Ascot	4007	Brisbane	South East Queensland Water Supply Scheme
Ashgrove	4060	Brisbane	South East Queensland Water Supply Scheme
Ashwell	4340	Ipswich	South East Queensland Water Supply Scheme
Aspley	4034	Brisbane	South East Queensland Water Supply Scheme
Atkinson Dam	4311	Lockyer Valley	Not connected to the Urban Utilities network
Auchenflower	4066	Brisbane	South East Queensland Water Supply Scheme
Augustine Heights	4300	Ipswich	South East Queensland Water Supply Scheme
Avoca Vale	4305	Somerset	Not connected to the Urban Utilities network
Bald Hills	4036	Brisbane	South East Queensland Water Supply Scheme
Ballard	4352	Lockyer Valley	Not connected to the Urban Utilities network
Balmoral	4171	Brisbane	South East Queensland Water Supply Scheme
Banks Creek	4306	Somerset	Not connected to the Urban Utilities network
Banyo	4014	Brisbane	South East Queensland Water Supply Scheme
Bardon	4065	Brisbane	South East Queensland Water Supply Scheme
Barellan Point	4306	Ipswich	South East Queensland Water Supply Scheme
Barney View	4287	Scenic Rim	Not connected to the Urban Utilities network
Basin Pocket	4305	Ipswich	South East Queensland Water Supply Scheme
Beaudesert	4285	Scenic Rim	Beaudesert
Beechmont	4211	Scenic Rim	Not connected to the Urban Utilities network
Bellbird Park	4300	Ipswich	South East Queensland Water Supply Scheme
Bellbowrie	4070	Brisbane	South East Queensland Water Supply Scheme
Belmont	4153	Brisbane	South East Queensland Water Supply Scheme

<sup>4</sup>There are some suburbs which are not connected to our drinking water network, this means that residents in these areas do not receive drinking water directly to their properties via our distribution system.



# 7. APPENDICES

Suburb	P/Code	Local Government Area	Water Supply Scheme
Benobble	4275	Scenic Rim	Not connected to the Urban Utilities network
Berrinba	4117	Brisbane	South East Queensland Water Supply Scheme
Biarra	4313	Somerset	Not connected to the Urban Utilities network
Biddaddaba	4275	Scenic Rim	Not connected to the Urban Utilities network
Binna Burra	4211	Scenic Rim	Not connected to the Urban Utilities network
Birnam	4285	Scenic Rim	Not connected to the Urban Utilities network
Black Duck Creek	4343	Lockyer Valley	Not connected to the Urban Utilities network
Blacksoil	4306	Ipswich	South East Queensland Water Supply Scheme
Blackstone	4304	Ipswich	South East Queensland Water Supply Scheme
Blanchview	4352	Lockyer Valley	Not connected to the Urban Utilities network
Blantyre	4310	Scenic Rim	Not connected to the Urban Utilities network
Blenheim	4341	Lockyer Valley	Lowood
Boonah	4310	Scenic Rim	Boonah-Kalbar
Boondall	4034	Brisbane	South East Queensland Water Supply Scheme
Booval	4304	Ipswich	South East Queensland Water Supply Scheme
Borallon	4306	Somerset	Not connected to the Urban Utilities network
Bowen Hills	4006	Brisbane	South East Queensland Water Supply Scheme
Boyland	4275	Scenic Rim	Not connected to the Urban Utilities network
Bracken Ridge	4017	Brisbane	South East Queensland Water Supply Scheme
Braemore	4313	Somerset	Not connected to the Urban Utilities network
Brassall	4305	Ipswich	South East Queensland Water Supply Scheme
Bridgeman Downs	4035	Brisbane	South East Queensland Water Supply Scheme
Brighton	4017	Brisbane	South East Queensland Water Supply Scheme
Brightview	4311	Lockyer Valley	Lowood
Brightview	4311	Somerset	Lowood
Brisbane	4000	Brisbane	South East Queensland Water Supply Scheme
Brisbane Airport	4008	Brisbane	South East Queensland Water Supply Scheme
Bromelton	4285	Scenic Rim	Not connected to the Urban Utilities network
Brookfield	4069	Brisbane	South East Queensland Water Supply Scheme
Brookwater	4300	Ipswich	South East Queensland Water Supply Scheme
Bryden	4312	Somerset	Not connected to the Urban Utilities network
Buaraba	4311	Somerset	Not connected to the Urban Utilities network
Buaraba South	4343	Lockyer Valley	Not connected to the Urban Utilities network
Bulimba	4171	Brisbane	South East Queensland Water Supply Scheme
Bulwer	4025	Brisbane	South East Queensland Water Supply Scheme
Bunburra	4310	Scenic Rim	Boonah-Kalbar
Bundamba	4304	Ipswich	South East Queensland Water Supply Scheme
Bunjurgen	4310	Scenic Rim	Boonah-Kalbar
Burbank	4156	Brisbane	South East Queensland Water Supply Scheme
Burnett Creek	4310	Scenic Rim	Not connected to the Urban Utilities network
Caboonbah	4312	Somerset	Not connected to the Urban Utilities network

Suburb	P/Code	Local Government Area	Water Supply Scheme
Caffey	4344	Lockyer Valley	Not connected to the Urban Utilities network
Cainbable	4285	Scenic Rim	Not connected to the Urban Utilities network
Calamvale	4116	Brisbane	South East Queensland Water Supply Scheme
Calvert	4340	Ipswich	South East Queensland Water Supply Scheme
Camira	4300	Ipswich	South East Queensland Water Supply Scheme
Camp Hill	4152	Brisbane	South East Queensland Water Supply Scheme
Cannon Creek	4310	Scenic Rim	Not connected to the Urban Utilities network
Cannon Hill	4170	Brisbane	South East Queensland Water Supply Scheme
Canungra	4275	Scenic Rim	Canungra
Capalaba West	4157	Brisbane	South East Queensland Water Supply Scheme
Carina	4152	Brisbane	South East Queensland Water Supply Scheme
Carina Heights	4152	Brisbane	South East Queensland Water Supply Scheme
Carindale	4152	Brisbane	South East Queensland Water Supply Scheme
Carneys Creek	4310	Scenic Rim	Not connected to the Urban Utilities network
Carole Park	4300	Ipswich	South East Queensland Water Supply Scheme
Carpendale	4311	Lockyer Valley	Not connected to the Urban Utilities network
Carseldine	4034	Brisbane	South East Queensland Water Supply Scheme
Chandler	4155	Brisbane	South East Queensland Water Supply Scheme
Chapel Hill	4069	Brisbane	South East Queensland Water Supply Scheme
Charlwood	4309	Scenic Rim	Boonah-Kalbar
Chelmer	4068	Brisbane	South East Queensland Water Supply Scheme
Chermside	4032	Brisbane	South East Queensland Water Supply Scheme
Chermside West	4032	Brisbane	South East Queensland Water Supply Scheme
Chinghee Creek	4285	Scenic Rim	Not connected to the Urban Utilities network
Christmas Creek	4285	Scenic Rim	Not connected to the Urban Utilities network
Churchable	4343	Lockyer Valley	Not connected to the Urban Utilities network
Churchill	4305	Ipswich	South East Queensland Water Supply Scheme
Chuwar	4306	Brisbane	South East Queensland Water Supply Scheme
Chuwar	4306	Ipswich	South East Queensland Water Supply Scheme
Clarendon	4311	Somerset	Not connected to the Urban Utilities network
Clayfield	4011	Brisbane	South East Queensland Water Supply Scheme
Clumber	4309	Scenic Rim	Not connected to the Urban Utilities network
Coal Creek	4312	Somerset	Not connected to the Urban Utilities network
Coalfalls	4305	Ipswich	South East Queensland Water Supply Scheme
Coleyville	4307	Scenic Rim	Not connected to the Urban Utilities network
Colinton	4306	Somerset	Not connected to the Urban Utilities network
College View	4311	Lockyer Valley	Lowood
Collingwood Park	4301	Ipswich	South East Queensland Water Supply Scheme
Coochin	4310	Scenic Rim	Not connected to the Urban Utilities network
Cooneimbardi	4313	Somerset	Not connected to the Urban Utilities network
Coolana	4311	Somerset	Lowood



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Suburb	P/Code	Local Government Area	Water Supply Scheme
Coominya	4311	Somerset	Not connected to the Urban Utilities network
Coopers Plains	4108	Brisbane	South East Queensland Water Supply Scheme
Coorparoo	4151	Brisbane	South East Queensland Water Supply Scheme
Corinda	4075	Brisbane	South East Queensland Water Supply Scheme
Coulson	4310	Scenic Rim	Boonah-Kalbar
Cowan Cowan	4025	Brisbane	South East Queensland Water Supply Scheme
Cressbrook	4313	Somerset	Not connected to the Urban Utilities network
Croftby	4310	Scenic Rim	Not connected to the Urban Utilities network
Crossdale	4312	Somerset	Not connected to the Urban Utilities network
Crowley Vale	4352	Lockyer Valley	Lowood
Cryna	4285	Scenic Rim	Beaudesert
Darlington	4285	Scenic Rim	Not connected to the Urban Utilities network
Darra	4076	Brisbane	South East Queensland Water Supply Scheme
Deagon	4017	Brisbane	South East Queensland Water Supply Scheme
Deebing Heights	4306	Ipswich	South East Queensland Water Supply Scheme
Derrymore	4343	Lockyer Valley	Not connected to the Urban Utilities network
Dinmore	4303	Ipswich	South East Queensland Water Supply Scheme
Doolandella	4077	Brisbane	South East Queensland Water Supply Scheme
Drewvale	4116	Brisbane	South East Queensland Water Supply Scheme
Dugandan	4310	Scenic Rim	Boonah-Kalbar
Dundas	4306	Somerset	Not connected to the Urban Utilities network
Durack	4077	Brisbane	South East Queensland Water Supply Scheme
Dutton Park	4102	Brisbane	South East Queensland Water Supply Scheme
Eagle Farm	4009	Brisbane	South East Queensland Water Supply Scheme
East Brisbane	4169	Brisbane	South East Queensland Water Supply Scheme
East Haldon	4344	Lockyer Valley	Not connected to the Urban Utilities network
East Ipswich	4305	Ipswich	South East Queensland Water Supply Scheme
Eastern Heights	4305	Ipswich	South East Queensland Water Supply Scheme
Ebbw Vale	4304	Ipswich	South East Queensland Water Supply Scheme
Ebenezer	4304	Ipswich	South East Queensland Water Supply Scheme
Egypt	4352	Lockyer Valley	Not connected to the Urban Utilities network
Eight Mile Plains	4113	Brisbane	South East Queensland Water Supply Scheme
Ellen Grove	4078	Brisbane	South East Queensland Water Supply Scheme
England Creek	4306	Brisbane	South East Queensland Water Supply Scheme
England Creek	4306	Somerset	Not connected to the Urban Utilities network
Enoggera	4051	Brisbane	South East Queensland Water Supply Scheme
Enoggera Reservoir	4520	Brisbane	South East Queensland Water Supply Scheme
Esk	4312	Somerset	Esk-Toogoolawah
Eskdale	4312	Somerset	Not connected to the Urban Utilities network
Everton Park	4053	Brisbane	South East Queensland Water Supply Scheme
Fairfield	4103	Brisbane	South East Queensland Water Supply Scheme

Suburb	P/Code	Local Government Area	Water Supply Scheme
Fairney View	4306	Somerset	Not connected to the Urban Utilities network
Fassifern	4309	Scenic Rim	Boonah-Kalbar
Fassifern Valley	4309	Scenic Rim	Boonah-Kalbar
Fernvale	4306	Somerset	Lowood
Ferny Glen	4275	Scenic Rim	Not connected to the Urban Utilities network
Ferny Grove	4055	Brisbane	South East Queensland Water Supply Scheme
Fifteen Mile	4344	Lockyer Valley	Not connected to the Urban Utilities network
Fig Tree Pocket	4069	Brisbane	South East Queensland Water Supply Scheme
Fitzgibbon	4018	Brisbane	South East Queensland Water Supply Scheme
Flagstone Creek	4343	Lockyer Valley	Not connected to the Urban Utilities network
Flinders	4305	Ipswich	South East Queensland Water Supply Scheme
Flying Fox	4275	Scenic Rim	Not connected to the Urban Utilities network
Fordsdale	4342	Lockyer Valley	Not connected to the Urban Utilities network
Forest Hill	4343	Lockyer Valley	Lowood
Forest Lake	4078	Brisbane	South East Queensland Water Supply Scheme
Fortitude Valley	4006	Brisbane	South East Queensland Water Supply Scheme
Frazerview	4309	Scenic Rim	Not connected to the Urban Utilities network
Frenches Creek	4310	Scenic Rim	Not connected to the Urban Utilities network
Gailes	4300	Ipswich	South East Queensland Water Supply Scheme
Gatton	4341	Lockyer Valley	Lowood
Gaythorne	4051	Brisbane	South East Queensland Water Supply Scheme
Geebung	4034	Brisbane	South East Queensland Water Supply Scheme
Glamorganvale	4306	Somerset	Not connected to the Urban Utilities network
Glen Cairn	4342	Lockyer Valley	Not connected to the Urban Utilities network
Glen Esk	4312	Somerset	Esk-Toogoolawah
Glen Fern	4515	Somerset	Not connected to the Urban Utilities network
Gleneagle	4285	Scenic Rim	Beaudesert
Glenore Grove	4217	Lockyer Valley	Lowood
Goodna	4300	Ipswich	South East Queensland Water Supply Scheme
Goolman	4306	Ipswich	South East Queensland Water Supply Scheme
Gordon Park	4031	Brisbane	South East Queensland Water Supply Scheme
Graceville	4075	Brisbane	South East Queensland Water Supply Scheme
Grandchester	4340	Ipswich	South East Queensland Water Supply Scheme
Grange	4051	Brisbane	South East Queensland Water Supply Scheme
Grantham	4340	Lockyer Valley	Lowood
Greenslopes	4120	Brisbane	South East Queensland Water Supply Scheme
Gregors Creek	4313	Somerset	Not connected to the Urban Utilities network
Gumdale	4154	Brisbane	South East Queensland Water Supply Scheme
Haigslea	4306	Ipswich	South East Queensland Water Supply Scheme
Haigslea	4306	Somerset	Not connected to the Urban Utilities network
Hamilton	4007	Brisbane	South East Queensland Water Supply Scheme



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Suburb	P/Code	Local Government Area	Water Supply Scheme
Harlin	4306	Somerset	Not connected to the Urban Utilities network
Harrisville	4307	Scenic Rim	South East Queensland Water Supply Scheme
Hatton Vale	4341	Lockyer Valley	Lowood
Hawthorne	4171	Brisbane	South East Queensland Water Supply Scheme
Hazeldean	4515	Somerset	Not connected to the Urban Utilities network
Heathwood	4110	Brisbane	South East Queensland Water Supply Scheme
Helidon	4344	Lockyer Valley	Lowood
Helidon Spa	4343	Lockyer Valley	Lowood
Hemmant	4174	Brisbane	South East Queensland Water Supply Scheme
Hendra	4011	Brisbane	South East Queensland Water Supply Scheme
Herston	4006	Brisbane	South East Queensland Water Supply Scheme
Highgate Hill	4101	Brisbane	South East Queensland Water Supply Scheme
Hillview	4285	Scenic Rim	Not connected to the Urban Utilities network
Holland Park	4121	Brisbane	South East Queensland Water Supply Scheme
Holland Park West	4121	Brisbane	South East Queensland Water Supply Scheme
Hoya	4310	Scenic Rim	Boonah-Kalbar
Illinbah	4275	Scenic Rim	Not connected to the Urban Utilities network
Inala	4077	Brisbane	South East Queensland Water Supply Scheme
Indooroopilly	4068	Brisbane	South East Queensland Water Supply Scheme
Ingoldsby	4344	Lockyer Valley	Not connected to the Urban Utilities network
Innisplain	4285	Scenic Rim	Not connected to the Urban Utilities network
Ipswich	4305	Ipswich	South East Queensland Water Supply Scheme
Iredale	4343	Lockyer Valley	Lowood
Ironbark	4306	Ipswich	South East Queensland Water Supply Scheme
Ivory Creek	4313	Somerset	Not connected to the Urban Utilities network
Jamboree Heights	4074	Brisbane	South East Queensland Water Supply Scheme
Jeebropilly	4340	Ipswich	South East Queensland Water Supply Scheme
Jimna	4515	Somerset	Jimna
Jindalee	4074	Brisbane	South East Queensland Water Supply Scheme
Josephville	4285	Scenic Rim	Not connected to the Urban Utilities network
Junction View	4341	Lockyer Valley	Not connected to the Urban Utilities network
Kagaru	4285	Scenic Rim	Not connected to the Urban Utilities network
Kalbar	4309	Scenic Rim	Boonah-Kalbar
Kangaroo Point	4169	Brisbane	South East Queensland Water Supply Scheme
Karalee	4306	Ipswich	South East Queensland Water Supply Scheme
Karana Downs	4306	Brisbane	South East Queensland Water Supply Scheme
Karawatha	4117	Brisbane	South East Queensland Water Supply Scheme
Karrabin	4306	Ipswich	South East Queensland Water Supply Scheme
Kedron	4031	Brisbane	South East Queensland Water Supply Scheme
Kelvin Grove	4059	Brisbane	South East Queensland Water Supply Scheme
Kenmore	4069	Brisbane	South East Queensland Water Supply Scheme

Suburb	P/Code	Local Government Area	Water Supply Scheme
Kenmore Hills	4069	Brisbane	South East Queensland Water Supply Scheme
Kensington Grove	4341	Lockyer Valley	Lowood
Kents Lagoon	4309	Scenic Rim	Not connected to the Urban Utilities network
Kents Pocket	4310	Scenic Rim	Boonah-Kalbar
Kentville	4341	Lockyer Valley	Not connected to the Urban Utilities network
Keperra	4054	Brisbane	South East Queensland Water Supply Scheme
Kerry	4285	Scenic Rim	Not connected to the Urban Utilities network
Kholo	4306	Brisbane	South East Queensland Water Supply Scheme
Kilcoy	4515	Somerset	Kilcoy
Kingaham	4515	Somerset	Not connected to the Urban Utilities network
Knapp Creek	4285	Scenic Rim	Not connected to the Urban Utilities network
Kooralbyn	4285	Scenic Rim	Kooralbyn
Koorinal	4025	Brisbane	South East Queensland Water Supply Scheme
Kulgun	4309	Scenic Rim	Not connected to the Urban Utilities network
Kuraby	4112	Brisbane	South East Queensland Water Supply Scheme
Laidley	4343	Lockyer Valley	Lowood
Laidley Creek West	4341	Lockyer Valley	Not connected to the Urban Utilities network
Laidley Heights	4341	Lockyer Valley	Lowood
Laidley North	4341	Lockyer Valley	Lowood
Laidley South	4341	Lockyer Valley	Lowood
Lake Clarendon	4343	Lockyer Valley	Lowood
Lake Manchester	4306	Brisbane	South East Queensland Water Supply Scheme
Lake Manchester	4305	Somerset	Not connected to the Urban Utilities network
Lake Wivenhoe	4306	Somerset	Not connected to the Urban Utilities network
Lamington	4285	Scenic Rim	Not connected to the Urban Utilities network
Lanefield	4340	Ipswich	South East Queensland Water Supply Scheme
Larapinta	4110	Brisbane	South East Queensland Water Supply Scheme
Laravale	4285	Scenic Rim	Not connected to the Urban Utilities network
Lark Hill	4306	Somerset	Lowood
Lawes	4343	Lockyer Valley	Lowood
Lefthand Branch	4344	Lockyer Valley	Not connected to the Urban Utilities network
Leichhardt	4305	Ipswich	South East Queensland Water Supply Scheme
Lilydale	4342	Lockyer Valley	Not connected to the Urban Utilities network
Limestone Ridges	4305	Scenic Rim	Not connected to the Urban Utilities network
Linville	4306	Somerset	Linville
Lockrose	4344	Lockyer Valley	Lowood
Lockrose	4342	Somerset	Lowood
Lockyer	4311	Lockyer Valley	Lowood
Lockyer Waters	4343	Lockyer Valley	Not connected to the Urban Utilities network
Lota	4179	Brisbane	South East Queensland Water Supply Scheme
Lower Cressbrook	4313	Somerset	Not connected to the Urban Utilities network



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Suburb	P/Code	Local Government Area	Water Supply Scheme
Lower Mount Walker	4340	Ipswich	South East Queensland Water Supply Scheme
Lower Mount Walker	4340	Scenic Rim	Not connected to the Urban Utilities network
Lower Tenthill	4341	Lockyer Valley	Lowood
Lowood	4311	Somerset	Lowood
Lutwyche	4030	Brisbane	South East Queensland Water Supply Scheme
Lytton	4178	Brisbane	South East Queensland Water Supply Scheme
Ma Ma Creek	4343	Lockyer Valley	Not connected to the Urban Utilities network
Macgregor	4109	Brisbane	South East Queensland Water Supply Scheme
Mackenzie	4156	Brisbane	South East Queensland Water Supply Scheme
Manly	4179	Brisbane	South East Queensland Water Supply Scheme
Manly West	4179	Brisbane	South East Queensland Water Supply Scheme
Mansfield	4122	Brisbane	South East Queensland Water Supply Scheme
Marburg	4346	Ipswich	South East Queensland Water Supply Scheme
Marburg	4346	Somerset	Not connected to the Urban Utilities network
Maroon	4310	Scenic Rim	Not connected to the Urban Utilities network
Mcdowall	4053	Brisbane	South East Queensland Water Supply Scheme
Merryvale	4340	Scenic Rim	Not connected to the Urban Utilities network
Middle Park	4074	Brisbane	South East Queensland Water Supply Scheme
Milbong	4310	Scenic Rim	Not connected to the Urban Utilities network
Milford	4310	Scenic Rim	Boonah-Kalbar
Milora	4309	Scenic Rim	Not connected to the Urban Utilities network
Milton	4064	Brisbane	South East Queensland Water Supply Scheme
Minden	4311	Somerset	Lowood
Mitchelton	4053	Brisbane	South East Queensland Water Supply Scheme
Moggill	4070	Brisbane	South East Queensland Water Supply Scheme
Monsildale	4515	Somerset	Not connected to the Urban Utilities network
Moogerah	4309	Scenic Rim	Not connected to the Urban Utilities network
Moombra	4312	Somerset	Not connected to the Urban Utilities network
Moorang	4340	Scenic Rim	Not connected to the Urban Utilities network
Moore	4306	Somerset	Not connected to the Urban Utilities network
Moores Pocket	4305	Ipswich	South East Queensland Water Supply Scheme
Moorooka	4105	Brisbane	South East Queensland Water Supply Scheme
Moreton Island	4025	Brisbane	South East Queensland Water Supply Scheme
Morningside	4170	Brisbane	South East Queensland Water Supply Scheme
Morton Vale	4340	Lockyer Valley	Not connected to the Urban Utilities network
Morwincha	4309	Scenic Rim	Not connected to the Urban Utilities network
Mount Alford	4310	Scenic Rim	Boonah-Kalbar
Mount Archer	4701	Somerset	Not connected to the Urban Utilities network
Mount Barney	4287	Scenic Rim	Not connected to the Urban Utilities network
Mount Beppo	4313	Somerset	Not connected to the Urban Utilities network
Mount Berryman	4341	Lockyer Valley	Not connected to the Urban Utilities network

Suburb	P/Code	Local Government Area	Water Supply Scheme
Mount Edwards	4309	Scenic Rim	Not connected to the Urban Utilities network
Mount Forbes	4340	Ipswich	South East Queensland Water Supply Scheme
Mount Forbes	4340	Scenic Rim	Not connected to the Urban Utilities network
Mount French	4310	Scenic Rim	Boonah-Kalbar
Mount Gipps	4285	Scenic Rim	Not connected to the Urban Utilities network
Mount Kilcoy	4515	Somerset	Not connected to the Urban Utilities network
Mount Lindesay	4287	Scenic Rim	Not connected to the Urban Utilities network
Mount Marrow	4306	Ipswich	South East Queensland Water Supply Scheme
Mount Mort	4340	Ipswich	South East Queensland Water Supply Scheme
Mount Stanley	4313	Somerset	Not connected to the Urban Utilities network
Mount Tarampa	4311	Somerset	Not connected to the Urban Utilities network
Mount Walker	4340	Scenic Rim	Not connected to the Urban Utilities network
Mount Walker West	4340	Ipswich	South East Queensland Water Supply Scheme
Mount Walker West	4340	Scenic Rim	Not connected to the Urban Utilities network
Mt Byron	4312	Somerset	Not connected to the Urban Utilities network
Mt Coot-tha	4066	Brisbane	South East Queensland Water Supply Scheme
Mt Crosby	4306	Brisbane	South East Queensland Water Supply Scheme
Mt Gravatt	4122	Brisbane	South East Queensland Water Supply Scheme
Mt Gravatt East	4122	Brisbane	South East Queensland Water Supply Scheme
Mt Hallen	4312	Somerset	Not connected to the Urban Utilities network
Mt Ommaney	4074	Brisbane	South East Queensland Water Supply Scheme
Mt Sylvia	4311	Lockyer Valley	Not connected to the Urban Utilities network
Mt Tarampa	4311	Somerset	Somerset
Mt Whitestone	4352	Lockyer Valley	Not connected to the Urban Utilities network
Muirlea	4306	Ipswich	South East Queensland Water Supply Scheme
Mulgowie	4343	Lockyer Valley	Not connected to the Urban Utilities network
Munbilla	4309	Scenic Rim	Not connected to the Urban Utilities network
Murarrie	4172	Brisbane	South East Queensland Water Supply Scheme
Murphys Creek	4341	Lockyer Valley	Lowood
Murrumba	4312	Somerset	Not connected to the Urban Utilities network
Mutdapilly	4307	Scenic Rim	South East Queensland Water Supply Scheme
Mutdapilly	4307	Ipswich	South East Queensland Water Supply Scheme
Nathan	4111	Brisbane	South East Queensland Water Supply Scheme
New Chum	4303	Ipswich	South East Queensland Water Supply Scheme
New Farm	4005	Brisbane	South East Queensland Water Supply Scheme
Newmarket	4051	Brisbane	South East Queensland Water Supply Scheme
Newstead	4006	Brisbane	South East Queensland Water Supply Scheme
Newtown	4305	Ipswich	South East Queensland Water Supply Scheme
Nindooinbah	4285	Scenic Rim	Not connected to the Urban Utilities network
Norman Park	4170	Brisbane	South East Queensland Water Supply Scheme
North Booval	4304	Ipswich	South East Queensland Water Supply Scheme



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Suburb	P/Code	Local Government Area	Water Supply Scheme
North Ipswich	4305	Ipswich	South East Queensland Water Supply Scheme
North Tivoli	4305	Ipswich	South East Queensland Water Supply Scheme
Northgate	4013	Brisbane	South East Queensland Water Supply Scheme
Nudgee	4014	Brisbane	South East Queensland Water Supply Scheme
Nudgee Beach	4014	Brisbane	South East Queensland Water Supply Scheme
Nundah	4012	Brisbane	South East Queensland Water Supply Scheme
Oaky Creek	4285	Scenic Rim	Not connected to the Urban Utilities network
Obum Obum	4309	Scenic Rim	Boonah-Kalbar
One Mile	4305	Ipswich	South East Queensland Water Supply Scheme
O'reilly	4211	Scenic Rim	Not connected to the Urban Utilities network
Ottaba	4313	Somerset	Not connected to the Urban Utilities network
Oxley	4075	Brisbane	South East Queensland Water Supply Scheme
Paddington	4064	Brisbane	South East Queensland Water Supply Scheme
Palen Creek	4287	Scenic Rim	Not connected to the Urban Utilities network
Pallara	4110	Brisbane	South East Queensland Water Supply Scheme
Parkinson	4115	Brisbane	South East Queensland Water Supply Scheme
Patrick Estate	4311	Somerset	Not connected to the Urban Utilities network
Peak Crossing	4306	Scenic Rim	South East Queensland Water Supply Scheme
Petrie Terrace	4000	Brisbane	South East Queensland Water Supply Scheme
Pine Mountain	4306	Ipswich	South East Queensland Water Supply Scheme
Pinjarra Hills	4069	Brisbane	South East Queensland Water Supply Scheme
Pinkenba	4008	Brisbane	South East Queensland Water Supply Scheme
Placid Hills	4352	Lockyer Valley	Lowood
Plainland	4311	Lockyer Valley	Lowood
Port of Brisbane	4178	Brisbane	South East Queensland Water Supply Scheme
Postmans Ridge	4352	Lockyer Valley	Lowood
Prenzlau	4311	Somerset	Lowood
Prenzlau	4311	Somerset	Lowood
Preston	4343	Lockyer Valley	Not connected to the Urban Utilities network
Pullenvale	4069	Brisbane	South East Queensland Water Supply Scheme
Purga	4306	Ipswich	South East Queensland Water Supply Scheme
Raceview	4305	Ipswich	South East Queensland Water Supply Scheme
Radford	4307	Scenic Rim	Not connected to the Urban Utilities network
Ransome	4154	Brisbane	South East Queensland Water Supply Scheme
Rathdowney	4287	Scenic Rim	Rathdowney
Red Hill	4059	Brisbane	South East Queensland Water Supply Scheme
Redbank	4301	Ipswich	South East Queensland Water Supply Scheme
Redbank Creek	4312	Somerset	Not connected to the Urban Utilities network
Redbank Plains	4301	Ipswich	South East Queensland Water Supply Scheme
Regency Downs	4344	Lockyer Valley	Lowood
Richlands	4077	Brisbane	South East Queensland Water Supply Scheme

Suburb	P/Code	Local Government Area	Water Supply Scheme
Rifle Range	4311	Somerset	Lowood
Ringwood	4343	Lockyer Valley	Not connected to the Urban Utilities network
Ripley	4306	Ipswich	South East Queensland Water Supply Scheme
Riverhills	4074	Brisbane	South East Queensland Water Supply Scheme
Riverview	4303	Ipswich	South East Queensland Water Supply Scheme
Roadvale	4310	Scenic Rim	Not connected to the Urban Utilities network
Robertson	4109	Brisbane	South East Queensland Water Supply Scheme
Rochedale	4123	Brisbane	South East Queensland Water Supply Scheme
Rocklea	4106	Brisbane	South East Queensland Water Supply Scheme
Rockmount	4343	Lockyer Valley	Not connected to the Urban Utilities network
Rockside	4340	Lockyer Valley	Not connected to the Urban Utilities network
Ropeley	4344	Lockyer Valley	Not connected to the Urban Utilities network
Rosevale	4340	Scenic Rim	Not connected to the Urban Utilities network
Rosewood	4340	Ipswich	South East Queensland Water Supply Scheme
Runcorn	4113	Brisbane	South East Queensland Water Supply Scheme
Running Creek	4287	Scenic Rim	Not connected to the Urban Utilities network
Sadliers Crossing	4305	Ipswich	South East Queensland Water Supply Scheme
Salisbury	4107	Brisbane	South East Queensland Water Supply Scheme
Sandgate	4017	Brisbane	South East Queensland Water Supply Scheme
Sandy Creek	4570	Somerset	Not connected to the Urban Utilities network
Sarabah	4275	Scenic Rim	Not connected to the Urban Utilities network
Scrub Creek	4313	Somerset	Not connected to the Urban Utilities network
Seven Hills	4170	Brisbane	South East Queensland Water Supply Scheme
Seventeen Mile	4343	Lockyer Valley	Not connected to the Urban Utilities network
Seventeen Mile Rocks	4073	Brisbane	South East Queensland Water Supply Scheme
Sheep Station Creek	4515	Somerset	Kilcoy
Sherwood	4075	Brisbane	South East Queensland Water Supply Scheme
Shorncliffe	4017	Brisbane	South East Queensland Water Supply Scheme
Silkstone	4304	Ipswich	South East Queensland Water Supply Scheme
Silver Ridge	4344	Lockyer Valley	Not connected to the Urban Utilities network
Silverdale	4307	Scenic Rim	Not connected to the Urban Utilities network
Sinnamon Park	4073	Brisbane	South East Queensland Water Supply Scheme
Somerset Dam	4312	Somerset	Somerset
South Brisbane	4101	Brisbane	South East Queensland Water Supply Scheme
South Ripley	4306	Ipswich	South East Queensland Water Supply Scheme
Southern Lamington	4211	Scenic Rim	Not connected to the Urban Utilities network
Split Yard Creek	4306	Somerset	Not connected to the Urban Utilities network
Spring Creek	4340	Lockyer Valley	Lowood
Spring Hill	4000	Brisbane	South East Queensland Water Supply Scheme
Spring Mountain	4300	Ipswich	South East Queensland Water Supply Scheme
Springfield	4300	Ipswich	South East Queensland Water Supply Scheme



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Suburb	P/Code	Local Government Area	Water Supply Scheme
Springfield Central	4300	Ipswich	South East Queensland Water Supply Scheme
Springfield Lakes	4300	Ipswich	South East Queensland Water Supply Scheme
St Lucia	4067	Brisbane	South East Queensland Water Supply Scheme
Stafford	4053	Brisbane	South East Queensland Water Supply Scheme
Stafford Heights	4053	Brisbane	South East Queensland Water Supply Scheme
Stockyard	4344	Lockyer Valley	Not connected to the Urban Utilities network
Stretton	4116	Brisbane	South East Queensland Water Supply Scheme
Summerholm	4341	Lockyer Valley	Not connected to the Urban Utilities network
Sumner	4074	Brisbane	South East Queensland Water Supply Scheme
Sunnybank	4109	Brisbane	South East Queensland Water Supply Scheme
Sunnybank Hills	4109	Brisbane	South East Queensland Water Supply Scheme
Swanbank	4306	Ipswich	South East Queensland Water Supply Scheme
Tabooba	4285	Scenic Rim	Not connected to the Urban Utilities network
Tabragalba	4285	Scenic Rim	Not connected to the Urban Utilities network
Taigum	4018	Brisbane	South East Queensland Water Supply Scheme
Tallegalla	4340	Ipswich	South East Queensland Water Supply Scheme
Tamborine	4270	Scenic Rim	Not connected to the Urban Utilities network
Tamborine Mountain	4272	Scenic Rim	Not connected to the Urban Utilities network
Tamrookum	4285	Scenic Rim	Not connected to the Urban Utilities network
Tamrookum Creek	4285	Scenic Rim	Not connected to the Urban Utilities network
Tarampa	4311	Somerset	Lowood
Taringa	4068	Brisbane	South East Queensland Water Supply Scheme
Tarome	4309	Scenic Rim	Not connected to the Urban Utilities network
Tarragindi	4121	Brisbane	South East Queensland Water Supply Scheme
Templin	4310	Scenic Rim	Boonah-Kalbar
Teneriffe	4005	Brisbane	South East Queensland Water Supply Scheme
Tennyson	4105	Brisbane	South East Queensland Water Supply Scheme
Teviotville	4309	Scenic Rim	Boonah-Kalbar
Thagoona	4306	Ipswich	South East Queensland Water Supply Scheme
The Bluff	4340	Ipswich	South East Queensland Water Supply Scheme
The Gap	4061	Brisbane	South East Queensland Water Supply Scheme
Thornton	4344	Lockyer Valley	Not connected to the Urban Utilities network
Tingalpa	4173	Brisbane	South East Queensland Water Supply Scheme
Tivoli	4305	Ipswich	South East Queensland Water Supply Scheme
Toogoolawah	4313	Somerset	Esk-Toogoolawah
Toowong	4066	Brisbane	South East Queensland Water Supply Scheme
Townson	4352	Lockyer Valley	Not connected to the Urban Utilities network
Undullah	4285	Scenic Rim	Not connected to the Urban Utilities network
Upper Brookfield	4069	Brisbane	South East Queensland Water Supply Scheme
Upper Flagstone	4343	Lockyer Valley	Not connected to the Urban Utilities network
Upper Kedron	4055	Brisbane	South East Queensland Water Supply Scheme

Suburb	P/Code	Local Government Area	Water Supply Scheme
Upper Lockyer	4347	Lockyer Valley	Not connected to the Urban Utilities network
Upper Mt Gravatt	4122	Brisbane	South East Queensland Water Supply Scheme
Upper Tenthill	4343	Lockyer Valley	Not connected to the Urban Utilities network
Veradilla	4359	Lockyer Valley	Lowood
Veresdale	4285	Scenic Rim	Not connected to the Urban Utilities network
Veresdale Scrub	4285	Scenic Rim	Not connected to the Urban Utilities network
Vernor	4306	Somerset	Lowood
Villeneuve	4514	Somerset	Not connected to the Urban Utilities network
Vinegar Hill	4352	Lockyer Valley	Not connected to the Urban Utilities network
Virginia	4014	Brisbane	South East Queensland Water Supply Scheme
Wacol	4076	Brisbane	South East Queensland Water Supply Scheme
Wakerley	4154	Brisbane	South East Queensland Water Supply Scheme
Wallaces Creek	4310	Scenic Rim	Not connected to the Urban Utilities network
Walloon	4306	Ipswich	South East Queensland Water Supply Scheme
Wanora	4306	Somerset	Not connected to the Urban Utilities network
Warrill View	4307	Scenic Rim	South East Queensland Water Supply Scheme
Washpool	4306	Scenic Rim	Not connected to the Urban Utilities network
Wavell Heights	4012	Brisbane	South East Queensland Water Supply Scheme
West End	4101	Brisbane	South East Queensland Water Supply Scheme
West Haldon	4347	Lockyer Valley	Not connected to the Urban Utilities network
West Ipswich	4305	Ipswich	South East Queensland Water Supply Scheme
Westlake	4074	Brisbane	South East Queensland Water Supply Scheme
White Mountain	4352	Lockyer Valley	Not connected to the Urban Utilities network
White Rock	4306	Ipswich	South East Queensland Water Supply Scheme
Willawong	4110	Brisbane	South East Queensland Water Supply Scheme
Willowbank	4306	Ipswich	South East Queensland Water Supply Scheme
Wilsons Plains	4307	Scenic Rim	Not connected to the Urban Utilities network
Wilston	4051	Brisbane	South East Queensland Water Supply Scheme
Windsor	4030	Brisbane	South East Queensland Water Supply Scheme
Winwill	4343	Lockyer Valley	Not connected to the Urban Utilities network
Winya	4515	Somerset	Kilcoy
Wishart	4122	Brisbane	South East Queensland Water Supply Scheme
Withcott	4343	Lockyer Valley	Lowood
Witheren	4275	Scenic Rim	Not connected to the Urban Utilities network
Wivenhoe Hill	4311	Somerset	Not connected to the Urban Utilities network
Wivenhoe Pocket	4306	Somerset	Not connected to the Urban Utilities network
Wonglepong	4275	Scenic Rim	Not connected to the Urban Utilities network
Woodbine	4343	Lockyer Valley	Not connected to the Urban Utilities network
Woodend	4305	Ipswich	South East Queensland Water Supply Scheme
Woodlands	4343	Lockyer Valley	Not connected to the Urban Utilities network
Woolloongabba	4102	Brisbane	South East Queensland Water Supply Scheme



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Suburb	P/Code	Local Government Area	Water Supply Scheme
Woolmar	4515	Somerset	Kilcoy
Woolooman	4310	Scenic Rim	Not connected to the Urban Utilities network
Wooloowin	4030	Brisbane	South East Queensland Water Supply Scheme
Woolshed	4340	Ipswich	South East Queensland Water Supply Scheme
Wulkuraka	4305	Ipswich	South East Queensland Water Supply Scheme
Wyaralong	4310	Scenic Rim	Not connected to the Urban Utilities network
Wynnum	4178	Brisbane	South East Queensland Water Supply Scheme
Wynnum West	4178	Brisbane	South East Queensland Water Supply Scheme
Yamanto	4305	Ipswich	South East Queensland Water Supply Scheme
Yeerongpilly	4105	Brisbane	South East Queensland Water Supply Scheme
Yeronga	4104	Brisbane	South East Queensland Water Supply Scheme
Yimbun	4313	Somerset	Not connected to the Urban Utilities network
Zillmere	4034	Brisbane	South East Queensland Water Supply Scheme

## APPENDIX B: FY22 WATER QUALITY COMPLIANCE – E. COLI

Overall						
Scheme	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
Beaudesert	64	292	0	98	100	☑
Boonah-Kalbar	52	323	2	98	99.4	☑
Canungra	52	102	0	98	100	☑
Esk-Toogoolawah	52	156	0	98	100	☑
Jimna	12	51	0	98	100	☑
Kilcoy	52	101	0	98	100	☑
Kooralbyn	52	153	0	98	100	☑
Linville	12	52	0	98	100	☑
Lowood	124	1542	0	98	100	☑
Rathdowney	12	51	0	98	100	☑
SEQWSS	1728	8473	10	98	99.9	☑
Somerset	12	52	0	98	100	☑

\*This table is compiled from data that resides in the Treatment Plant Licence Compliance (TPLC) database, which is generated from our VMP. While we recorded thirteen notifications of *E. coli* to the Regulator, one was detected during a customer investigation

Beaudesert <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	5	22	0	98	100	☑
August	5	25	0	98	100	☑
September	6	20	0	98	100	☑
October	5	21	0	98	100	☑
November	5	24	0	98	100	☑
December	6	30	0	98	100	☑
January	5	24	0	98	100	☑
February	5	24	0	98	100	☑
March	6	24	0	98	100	☑
April	5	24	0	98	100	☑
May	5	30	0	98	100	☑
June	6	24	0	98	100	☑

Boonah-Kalbar <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	4	27	0	98	100	☑
August	4	26	0	98	100	☑
September	5	30	0	98	100	☑
October	4	25	0	98	100	☑
November	4	25	0	98	100	☑
December	5	31	1	98	99.7	☑
January	4	24	0	98	99.7	☑
February	4	25	0	98	99.7	☑
March	5	32	0	98	99.7	☑
April	4	24	0	98	99.7	☑
May	4	30	1	98	99.4	☑
June	5	24	0	98	99.4	☑



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Canungra <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	4	8	0	98	99.0	☑
August	4	10	0	98	99.0	☑
September	5	8	0	98	99.0	☑
October	4	8	0	98	99.0	☑
November	4	8	0	98	99.0	☑
December	5	10	0	98	100	☑
January	4	8	0	98	100	☑
February	4	8	0	98	100	☑
March	5	8	0	98	100	☑
April	4	8	0	98	100	☑
May	4	10	0	98	100	☑
June	5	8	0	98	100	☑

Esk-Toogoolawah <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	4	12	0	98	100	☑
August	4	12	0	98	100	☑
September	5	15	0	98	100	☑
October	4	12	0	98	100	☑
November	4	12	0	98	100	☑
December	5	15	0	98	100	☑
January	4	12	0	98	100	☑
February	4	12	0	98	100	☑
March	5	15	0	98	100	☑
April	4	12	0	98	100	☑
May	4	12	0	98	100	☑
June	5	15	0	98	100	☑

Jimna <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	1	4	0	98	100	☑
August	1	4	0	98	100	☑
September	1	5	0	98	100	☑
October	1	4	0	98	100	☑
November	1	4	0	98	100	☑
December	1	5	0	98	100	☑
January	1	4	0	98	100	☑
February	1	4	0	98	100	☑
March	1	4	0	98	100	☑
April	1	4	0	98	100	☑
May	1	4	0	98	100	☑
June	1	5	0	98	100	☑

Kilcoy <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	4	8	0	98	100	☑
August	4	8	0	98	100	☑
September	5	10	0	98	100	☑
October	4	8	0	98	100	☑
November	4	8	0	98	100	☑
December	5	10	0	98	100	☑
January	4	8	0	98	100	☑
February	4	8	0	98	100	☑
March	5	8	0	98	100	☑
April	4	7	0	98	100	☑
May	4	8	0	98	100	☑
June	5	10	0	98	100	☑



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Kooralbyn <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	4	12	0	98	100	☑
August	4	15	0	98	100	☑
September	5	12	0	98	100	☑
October	4	12	0	98	100	☑
November	4	12	0	98	100	☑
December	5	15	0	98	100	☑
January	4	12	0	98	100	☑
February	4	12	0	98	100	☑
March	5	12	0	98	100	☑
April	4	12	0	98	100	☑
May	4	15	0	98	100	☑
June	5	12	0	98	100	☑

Linville <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	1	4	0	98	100	☑
August	1	4	0	98	100	☑
September	1	5	0	98	100	☑
October	1	4	0	98	100	☑
November	1	4	0	98	100	☑
December	1	5	0	98	100	☑
January	1	4	0	98	100	☑
February	1	4	0	98	100	☑
March	1	5	0	98	100	☑
April	1	4	0	98	100	☑
May	1	4	0	98	100	☑
June	1	5	0	98	100	☑

Lowood <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	10	120	0	98	99.9	☑
August	10	137	0	98	99.9	☑
September	11	133	0	98	99.9	☑
October	10	120	0	98	99.9	☑
November	10	133	0	98	100	☑
December	11	135	0	98	100	☑
January	10	133	0	98	100	☑
February	10	107	0	98	100	☑
March	11	134	0	98	100	☑
April	10	120	0	98	100	☑
May	10	142	0	98	100	☑
June	11	128	0	98	100	☑

Rathdowney <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	1	4	0	98	100	☑
August	1	5	0	98	100	☑
September	1	4	0	98	100	☑
October	1	4	0	98	100	☑
November	1	4	0	98	100	☑
December	1	5	0	98	100	☑
January	1	4	0	98	100	☑
February	1	4	0	98	100	☑
March	1	4	0	98	100	☑
April	1	4	0	98	100	☑
May	1	5	0	98	100	☑
June	1	4	0	98	100	☑



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South East Queensland Water Supply (Brisbane and Ipswich) <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	142	625	0	98	99.8	☑
August	142	790	0	98	99.8	☑
September	148	713	0	98	99.8	☑
October	142	663	0	98	99.8	☑
November	142	787	2	98	99.8	☑
December	148	693	1	98	99.8	☑
January	142	728	1	98	99.8	☑
February	142	573	2	98	99.8	☑
March	148	804	2	98	99.8	☑
April	142	646	2	98	99.8	☑
May	142	761	0	98	99.9	☑
June	148	690	0	98	99.9	☑

Somerset <i>E. coli</i>						
FY22 Month	Number of samples required	Actual Number of Samples	Number of samples <i>E. coli</i> detected	Required Performance (%)	Actual Performance (%)	Compliant
July	1	4	0	98	100	☑
August	1	4	0	98	100	☑
September	1	5	0	98	100	☑
October	1	4	0	98	100	☑
November	1	4	0	98	100	☑
December	1	5	0	98	100	☑
January	1	4	0	98	100	☑
February	1	4	0	98	100	☑
March	1	5	0	98	100	☑
April	1	4	0	98	100	☑
May	1	4	0	98	100	☑
June	1	5	0	98	100	☑





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APPENDIX C: FY22- WATER QUALITY COMPLIANCE – HEALTH ASSESSMENT

Beautesert Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	7	0	<0.001	<0.001	☑
Barium	mg/L	2	7	0	0.047	0.046	☑
Cadmium	mg/L	0.002	7	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	277	0	3.8	2.1	☑
Chlorine (Total)	mg/L	5	292	0	3.8	2.3	☑
Chromium	mg/L	0.05	7	0	<0.001	<0.001	☑
Copper	mg/L	2	7	0	0.014	0.013	☑
Dichloroacetic Acid	ug/L	100	7	0	62	60	☑
Fluoride	mg/L	1.5	10	0	0.9	0.8	☑
Lead	mg/L	0.01	7	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	88	0	0.001	<0.001	☑
Monochloroacetic Acid	ug/L	150	7	0	<10	<10	☑
Nickel	mg/L	0.02	7	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	7	0	35	34	☑
Trihalomethanes (Total)	ug/L	250	189	0	180	150	☑
Chlorate	mg/L	0.8	23	0	0.44	0.18	☑

Boonah-Kalbar Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.033	0.032	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	312	0	4.6	2.0	☑
Chlorine (Total)	mg/L	5	323	3	6.7	2.4	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	<0.001	<0.001	☑
Dichloroacetic Acid	ug/L	100	11	0	57	53	☑
Fluoride	mg/L	1.5	13	0	0.9	0.9	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	127	0	0.004	<0.001	☑
Monochloroacetic Acid	ug/L	150	11	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	11	0	42	41	☑
Trihalomethanes (Total)	ug/L	250	51	0	170	160	☑
Chlorate	mg/L	0.8	37	0	0.49	0.38	☑

Canungra Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.010	0.010	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	96	0	3.2	2.9	☑
Chlorine (Total)	mg/L	5	102	0	3.3	3.1	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	<0.001	<0.001	☑
Dichloroacetic Acid	ug/L	150	4	0	21	21	☑
Fluoride	mg/L	1.5	13	0	0.9	0.9	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	51	0	0.006	0.005	☑
Monochloroacetic Acid	ug/L	100	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	150	4	0	14	13	☑
Trihalomethanes (Total)	ug/L	250	13	0	64	57	☑
Chlorate	mg/L	0.8	13	0	0.52	0.42	☑

Esk-Toogoolawah Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.026	0.025	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	154	0	3.6	2.3	☑
Chlorine (Total)	mg/L	5	156	0	3.7	2.6	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.003	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	52	50	☑
Fluoride	mg/L	1.5	13	0	0.9	0.9	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	104	0	0.006	0.003	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	41	40	☑
Trihalomethanes (Total)	ug/L	250	13	0	170	150	☑
Chlorate	mg/L	0.8	13	0	0.4	0.37	☑

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Jimna Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.015	0.015	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	50	0	3.0	2.8	☑
Chlorine (Total)	mg/L	5	51	0	3.2	3.0	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.003	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	54	51	☑
Fluoride	mg/L	1.5	13	0	0.7	0.5	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	51	0	0.008	0.004	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	36	34	☑
Trihalomethanes (Total)	ug/L	250	20	0	140	120	☑
Chlorate	mg/L	0.8	13	0	0.16	0.16	☑

Kilcoy Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.021	0.021	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	99	0	2.0	1.8	☑
Chlorine (Total)	mg/L	5	101	0	2.3	2.1	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.003	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	45	44	☑
Fluoride	mg/L	1.5	13	0	0.9	0.8	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	52	0	0.079	0.006	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	29	27	☑
Trihalomethanes (Total)	ug/L	250	20	0	140	130	☑
Chlorate	mg/L	0.8	13	0	0.04	0.02	☑

Kooralbyn Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.035	0.035	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	156	0	2.6	2.3	☑
Chlorine (Total)	mg/L	5	156	0	2.8	2.5	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.004	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	22	22	☑
Fluoride	mg/L	1.5	13	0	0.9	0.8	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	52	0	0.018	0.013	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	<8	<8	☑
Trihalomethanes (Total)	ug/L	250	52	0	130	120	☑
Chlorate	mg/L	0.8	39	0	0.28	0.24	☑

Linville Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.025	0.025	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	51	0	3.2	2.8	☑
Chlorine (Total)	mg/L	5	52	0	3.2	3.1	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.004	0.004	☑
Dichloroacetic Acid	ug/L	100	4	0	23	22	☑
Fluoride	mg/L	1.5	13	0	0.7	0.6	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	52	0	0.004	0.003	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	<8	<8	☑
Trihalomethanes (Total)	ug/L	250	20	0	82	81	☑
Chlorate	mg/L	0.8	13	0	0.19	0.17	☑



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Lowood Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	32	0	<0.001	<0.001	☑
Barium	mg/L	2	32	0	0.035	0.035	☑
Cadmium	mg/L	0.002	32	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	1452	0	4.3	2.2	☑
Chlorine (Total)	mg/L	5	1542	0	4.4	2.6	☑
Chromium	mg/L	0.05	32	0	<0.001	<0.001	☑
Copper	mg/L	2	32	0	0.021	0.0095	☑
Dichloroacetic Acid	ug/L	100	40	0	70	61	☑
Fluoride	mg/L	1.5	104	0	1.0	0.9	☑
Lead	mg/L	0.01	32	0	0.001	<0.001	☑
Manganese	mg/L	0.5	592	0	0.018	0.0039	☑
Monochloroacetic Acid	ug/L	150	40	0	<10	<10	☑
Nickel	mg/L	0.02	32	0	0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	40	0	42	39	☑
Trihalomethanes (Total)	ug/L	250	200	1	260	200	☑
Chlorate	mg/L	0.8	130	4*	1.1	0.62	☑

\*Exceedances were prior to Queensland Health Interim Guideline receipt

Rathdowney Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.054	0.052	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	48	0	1.8	1.6	☑
Chlorine (Total)	mg/L	5	51	0	2.1	1.9	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.003	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	17	17	☑
Fluoride	mg/L	1.5	13	0	0.6	0.6	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	51	0	<0.001	<0.001	☑
Monochloroacetic Acid	ug/L	150	4	0	11	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	14	13	☑
Trihalomethanes (Total)	ug/L	250	20	0	96	92	☑
Chlorate	mg/L	0.8	13	0	<0.01	<0.01	☑

South East Queensland Water Supply System (Brisbane and Ipswich) Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	13	0	<0.001	<0.001	☑
Barium	mg/L	2	12	0	0.029	0.027	☑
Cadmium	mg/L	0.002	12	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	1133	0	3.4	1.8	☑
Chlorine (Total)	mg/L	5	8471	0	4.2	3.0	☑
Chromium	mg/L	0.05	12	0	<0.001	<0.001	☑
Copper	mg/L	2	12	0	0.011	0.010	☑
Dichloroacetic Acid	ug/L	100	36	0	33	26	☑
Fluoride	mg/L	1.5	157	0	1.0	0.9	☑
Lead	mg/L	0.01	12	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	2680	0	0.150	0.013	☑
Monochloroacetic Acid	ug/L	150	36	0	<10	<10	☑
Nickel	mg/L	0.02	12	0	<0.001	<0.001	☑
Nitrate (as N)	mg/L	50	1815	0	1.40	0.98	☑
Nitrite (as N)	mg/L	3	1815	0	0.65	0.34	☑
Trichloroacetic Acid	ug/L	100	36	0	29	20	☑
Trihalomethanes (Total)	ug/L	250	323	0	160	120	☑
Chlorate	mg/L	0.8	262	9*	1.30	0.65	☑

\*8 Exceedances were prior to Queensland Health Interim Guideline receipt

Somerset Health Assessment							
Parameter	Units	ADWG Health Guideline	Number of tests	Exceedance Count	Maximum Result	95th %-ile	Meets ADWG
Arsenic	mg/L	0.01	4	0	<0.001	<0.001	☑
Barium	mg/L	2	4	0	0.020	0.019	☑
Cadmium	mg/L	0.002	4	0	<0.001	<0.001	☑
Chlorine (Free)	mg/L	5	51	0	3.0	2.4	☑
Chlorine (Total)	mg/L	5	52	0	3.3	2.7	☑
Chromium	mg/L	0.05	4	0	<0.001	<0.001	☑
Copper	mg/L	2	4	0	0.003	0.003	☑
Dichloroacetic Acid	ug/L	100	4	0	55	54	☑
Fluoride	mg/L	1.5	13	0	0.4	0.4	☑
Lead	mg/L	0.01	4	0	<0.001	<0.001	☑
Manganese	mg/L	0.5	52	0	0.022	0.006	☑
Monochloroacetic Acid	ug/L	150	4	0	<10	<10	☑
Nickel	mg/L	0.02	4	0	<0.001	<0.001	☑
Trichloroacetic Acid	ug/L	100	4	0	43	42	☑
Trihalomethanes (Total)	ug/L	250	20	0	120	120	☑
Chlorate	mg/L	0.8	13	0	0.23	0.22	☑

# 7. APPENDICES

## APPENDIX D: FY22 WATER QUALITY – AESTHETIC ASSESSMENT

Parameter (Median values)	Units	ADWG Aesthetic Guideline Value	Beaudesert	Boonah-Kalbar	Canungra	Esk-Toogoolawah	Jimna	Kilcoy	Kooralbyn	Linville	Lowood	Rathdowney	SEQ Water Supply (Brisbane and Ipswich)	Somerset Township
2-Methyl isoborneol	ng/L	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.4	<2
Aluminium	mg/L	0.2	0.022	0.028	0.006	0.055	0.019	0.018	0.019	0.003	0.020	0.011	0.027	0.018
Ammonia (Total, as N)	mg/L	0.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.26	NT
Chloride	mg/L	250	75	48	28	48	33	28	82	110	74	95	45	41
Colour (Apparent)	PCU	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Colour (True)	PCU	15	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.5	<0.5	<0.5
Conductivity	uS/cm	1000	670	490	250	390	350	330	600	660	480	530	420	330
Geosmin	ng/L	-	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	2.2	<2
Iron	mg/L	0.3	0.007	0.008	0.001	0.009	0.003	0.034	0.005	0.002	0.014	0.007	0.010	0.015
Langelier Index	-	-	-0.53	-0.69	-0.38	-0.66	-1.3	-0.64	-0.38	0.09	-0.55	-0.27	-0.52	-1.1
pH	pH Unit	6.5 - 8.5	7.4	7.6	7.8	7.3	7.4	7.5	7.6	7.4	7.4	7.8	7.6	7.4
Silica	mg/L	80	16	14	25	9.6	10	7.0	19	21	3.9	16	6.2	3.0
Sodium	mg/L	180	73	63	19	45	52	29	57	56	41	54	42	44
Sulphate (as SO4)	mg/L	250	90	99	3.0	47	62	58	71	9.9	39	13	29	51
Temperature	deg C	-	23	23	22	25	21	23	22	23	24	21	24	25
Total Dissolved Solids	mg/L	600	430	320	160	250	230	210	380	420	310	340	270	210
Total Hardness	mg/L	200	120	94	76	83	45	76	140	200	130	120	84	54
Turbidity	NTU	5	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.2	0.1
Zinc	mg/L	3	0.006	0.001	<0.001	<0.001	0.003	0.003	0.003	0.002	0.003	0.004	0.001	0.009
Meets ADWG Guideline		☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑







## TELL US WHAT YOU THINK ABOUT THIS REPORT

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ISSN: 1838-5575

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