2017/18 RESIDENTIAL WATER AND WASTEWATER PRICE BENCHMARKING REPORT

LARGE QUEENSLAND SERVICE PROVIDERS







aecgroupltd.com

AEC is an industry leader in the water and wastewater sector, having provided hundreds of financial and pricing consultancies for service providers and Councils over the past

If you require assistance regarding cost recovery and/or charging structures, please

Outcomes Summary

don't hesitate to contact:

gavin.odonovan@aecgroupltd.com

Gavin O'Donovan, Director – Strategic Finance







The Queensland industry median water charge for residential customers serviced by large local government utilities in 2017/18 was calculated as:
\$900.22 for a household consuming 200kL per annum (an increase of 4.6% on the prior year median of \$860.46); and

Water Pricing

two decades.

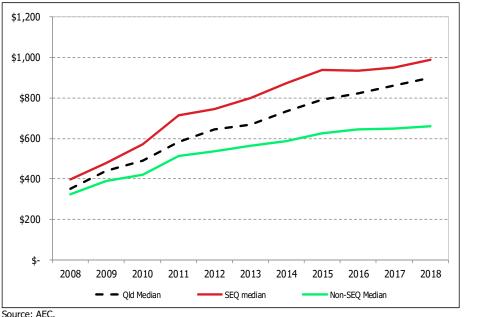
(07) 3831 0577

• \$1,576.92 for a household consuming 400kL per annum (an increase of 5.1% on the prior year median of \$1,499.96).

The South-East Queensland (SEQ) median charge increased by 3.8% at 200kL consumption and 3.1% at 400kL consumption, while the non-SEQ median charge increased by 1.8% at 200kL consumption and by 2.4% at 400kL consumption.

The following graph shows that the SEQ median charge at 200kL consumption has historically increased at a greater rate than the non-SEQ median charge, to the extent that the gap between the two is now \$327. This gap – primarily created by the establishment of the SEQ Water Grid infrastructure – is not expected to widen much further with most SEQ Councils having arrived at the destination price for bulk water.

Looking forward, water price increases should continue to moderate in SEQ and water price increases outside of SEQ should increase at a greater rate than in SEQ due to some proposed bulk water price increases in selected service areas.



Median Residential Water Bill over Time for a Property Consuming 200kL, 2007/08-2017/18

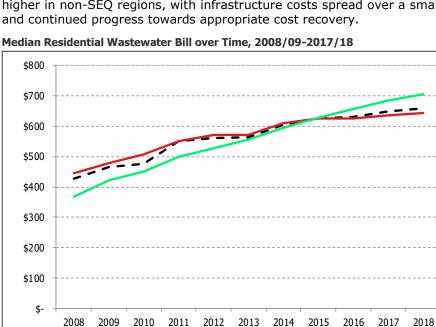


Wastewater Pricing

The Queensland median wastewater charge for residential customers serviced by large local government utilities in 2017/18 was calculated as \$663.85, an increase of 2.0% on the prior year median of \$651.05. The SEQ median charge increased by 1.4%, while the non-SEQ median charge increased by 3.1%.

The following graph shows that annual increases in charges outside of SEQ have generally been greater than those in SEQ, resulting in the non-SEQ median overtaking the SEQ median in 2014/15 and being presently \$61 higher than the SEQ median. This trend is expected to continue.

Looking forward, wastewater price increases are anticipated to continue to be relatively higher in non-SEQ regions, with infrastructure costs spread over a smaller customer base



SEQ median

Non-SEQ Median



🗕 🗕 Qld Median

Source: AEC.







Table of Contents

00.	TCOMES SUMMARY	I
TAE	BLE OF CONTENTS	III
1.	WATER PRICING LEVELS	1
2.	WATER CONSUMPTION CHARGE TRENDS	3
3.	COMPARISON OF WATER CHARGES	4
4.	WASTEWATER PRICING LEVELS	6
5.	COMPARISON OF WASTEWATER CHARGES	7







Disclaimer:

Whilst all care and diligence have been exercised in the preparation of this report, AEC Group Pty Ltd does not warrant the accuracy of the information contained within and accepts no liability for any loss or damage that may be suffered because of reliance on this information, whether or not there has been any error, omission or negligence on the part of AEC Group Pty Ltd or its employees. Any forecasts or projections used in the analysis can be affected by many unforeseen variables, and as such no warranty is given that a particular set of results will in fact be achieved.



1. Water Pricing Levels

Water Price Benchmarking for Large Service Providers in Queensland, 2017/18

The following table provides detailed information on the prices charged for a water service by selected large service providers in Queensland on a residential property.







Provider & Location	Base	Consumption	Discount	Notes
		SEQ) WATER GRID	Discount	Notes
QLD Urban Utilities				In each region, the consumption tiers are annual
Brisbane	\$206.52	State Bulk = \$2.817/kL <300kL = \$0.768/kL >=300kL = \$1.453/kL	0%	equivalents, with the actual consumption tier applied each quarter calculated on a litres per day equivalent (i.e. dividing the relevant tier threshold by 365 days and then multiplying by the actual number of days between meter reads)
Ipswich	\$322.44	State Bulk = \$2.817/kL <300kL = \$0.933/kL >=300kL = \$1.489/kL	0%	of days between meter reaus)
Lockyer Valley	\$322.44	State Bulk = \$2.817/kL <300kL = \$0.482/kL >=300kL = \$1.474/kL	0%	
Scenic Rim	\$322.44	State Bulk = \$2.817/kL <300kL = \$0.933/kL >=300kL = \$1.489/kL	0%	
Somerset	\$322.44	State Bulk = \$2.817/kL <300kL = \$0.482/kL >=300kL = \$1.046/kL	0%	
Unitywater				 The first-tier threshold is an annual equivalent, with the actual consumption charge levied guarterly on a
Moreton Bay	\$313.17	State Bulk = \$2.817/kL 0-300kL = \$0.667/kL >300kL = \$1.333/kL	0%	first-tier threshold of 822 litres per day times the number of days between meter reads
Sunshine Coast, Noosa	\$250.03	State Bulk = \$2.616/kL 0-300kL = \$0.667/kL >300kL = \$1.333/kL	0%	
Gold Coast	\$212.08	State Bulk = \$2.817/kL >0kL = \$1.083/kL	0%	• Class A+ recycled water is available in the Pimpama Coomera Dual Reticulation Area at \$1.76/kL
Logan	\$299.20	State Bulk = \$2.817/kL >0kL = \$1.0224/kL	0%	
Redland	\$263.60	State Bulk = \$2.561/kL >0kL = \$0.59/kL	0%	
OTHER QUEENSLA	ND			
Bundaberg				• The tier thresholds are annual equivalents, with the
Potable	\$416.00	0-300kL = \$1.16/kL >300kL = \$1.90/kL	0%	actual consumption charge levied six-monthly on a first-tier threshold of 150kL per six months
Non-potable	\$333.00	0-300kL = \$0.93/kL >300kL = \$1.52/kL	0%	
Cairns	\$260.56	\$1.17/kL	0%	• Where recycled water is available, an access charge of \$63.16 is applicable in addition to a consumption charge of \$0.58/kL
Fraser Coast	\$498.00	\$1.76/kL	7.5%	• The water consumption charge applies from 1 November through to 31 October the following year
Gladstone				Bulk water from the Lake Awoonga Scheme is supplied by the Cladatone Area Water Board
Lake Awoonga Scheme	\$471.00	\$1.70/kL	10% (base)	supplied by the Gladstone Area Water Board (GAWB), which is subject to formal pricing reviews by the Queensland Competition Authority
Miriam Vale/Bororen	\$528.00	\$3.69/kL	10% (base)	
Agnes Water/1770	\$528.00	\$3.74/kL	10% (base)	
Gympie	\$400.50	0-250kL = \$1.12/kL >250kL = \$1.99/kL	10% (base)	
Livingstone Capricorn Coast Caves/Marlborough Nerimbera Ogmore	\$627.30 \$433.10 \$413.00 \$363.20	0-300kL = \$0.84/kL 301-600kL = \$1.29/kL >600kL = \$2.61/kL	10% (base)	 The thresholds are annual equivalents, with the actual consumption charge levied quarterly on first and second tier thresholds of 25% of these annual equivalents per quarter







Provider & Location	Base	Consumption	Discount	Notes
Mackay	\$357.10	0-300kL = \$1.75/kL >300kL = \$2.62/kL	10% (base)	The first-tier threshold is an annual equivalent, with the actual consumption charge levied six-monthly on a first-tier threshold of 150kL per six months
Rockhampton Rockhampton Gracemere Mount Morgan	\$379.00 \$404.00 \$416.00	0-300kL = \$0.77/kL 301-600kL = \$1.20/kL >600kL = \$2.38/kL	10% (base)	• The thresholds are annual equivalents, with the actual consumption charge levied quarterly on first and second tier thresholds of 25% of these annual equivalents per quarter
Toowoomba District Connections to Non-Toowoomba Bulk Water Supply District Connections to Toowoomba Bulk Water Supply	\$437.28 \$600.00	0-250kL = \$1.15/kL >250kL = \$2.07/kL 0-200kL = \$2.34/kL >200kL = \$3.79/kL	10% 10%	 Charges for Wyreema are being phased from the non-Toowoomba scheme prices to the Toowoomba scheme prices Excludes low flow and non-potable schemes The thresholds are annual equivalents, with the actual consumption charge levied six-monthly on the first tier threshold of 50% of these annual equivalents per six months The consumption tier thresholds applied to a property increase with the size of the water connection
Townsville				
Standard Plan	\$755.00	772kL allocation >772kL = \$2.89/kL	0%	
Water Watchers Plan	\$344.00	\$1.38/kL	0%	

Source: AEC, assorted service providers.



2. Water Consumption Charge Trends

Consumption Charge Trends for Selected Water Service Areas in Queensland, 2010/11-2017/18

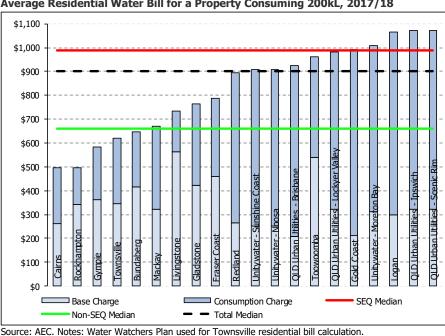
Location	2017/18	2016/17	2015/16	2015/16	2013/14	2012/13	2011/12	2010/11
SEQ WATER GRID	2017/10	2010/17	2013/10	2013/10	2013/14	2012/15	2011/12	2010/11
Brisbane (QLD Urban Utilities)	<300kL = \$3.585/kL >=300kL = \$4.270/kL	<300kL = \$3.516184/kL >=300kL = \$4.201640/kL	0-252kL = \$3.405261/kL 252-304kL = \$3.451247/kL >304kL = \$4.072047/kL	0-252kL = \$3.271090/kL 252-304kL = \$3.315650/kL >304kL = \$3.917201/kL	0-252kL=\$2.994909/kL 252-304kL=\$3.03755/kL >304kL=\$3.613197/kL	0-255kL = \$2.72/kL 256-310kL = \$2.76/kL >310kL = \$3.32/kL	0-255kL = \$2.45/kL 256-310kL = \$2.49/kL >310kL = \$3.05/kL	0-255kL = \$2.17/kL 256-310kL = \$2.21/kL >310kL = \$2.75/kL
Ipswich (QLD Urban Utilities)	<300kL = \$3.750/kL >=300kL = \$4.306/kL	<300kL = \$3.639640/kL >=300kL = \$4.195096/kL	0-316kL = \$3.3502210/kL 317-472kL = \$4.042537/kL >472kL = \$4.433411/kL	0-316kL = \$3.363048/kL 317-472kL = \$3.886621/kL >472kL = \$4.265375/kL	0-316kL=\$3.080151/kL 317-472kL=\$3.581178/kL >472kL=\$3.943622/kL	0-320kL = \$2.80/kL 321-480kL = \$3.29/kL >480kL = \$3.63/kL	0-320kL = \$2.53/kL 321-480kL = \$3.02/kL >480kL = \$3.36/kL	0-320kL = \$2.24/kL 321-480kL = \$2.71/kL >480kL = \$3.05/kL
Lockyer Valley (QLD Urban Utilities)	<300kL = \$3.299/kL >=300kL = \$4.306/kL	<300kL = \$3.008001/kL >=300kL = \$4.000731/kL	0-296kL = \$2.933919/kL >296kL = \$3.899610/kL	0-296kL = \$2.985077/kL >296kL = \$3.920824/kL	0-296kL = \$2.729523/kL >296kL = \$3.624975/kL	0-300kL = \$2.47572/kL >300kL = \$3.33756/kL	0-300kL = \$2.20572/kL >300kL = \$3.06756/kL	0-300kL = \$1.93/kL >300kL = \$2.77/kL
Scenic Rim (QLD Urban Utilities)	<300kL = \$3.750/kL >=300kL = \$4.306/kL	<300kL = \$3.681640/kL >=300kL = \$4.237096/kL	\$3.612201/kL	\$3.749327/kL	\$3.465471/kL	\$3.18906/kL	\$2.91806/kL	\$2.63/kL
Moreton Bay (Unitywater)	0-300kL = \$3.484/kL >300kL = \$4.150/kL	0-300kL = \$3.415/kL >300kL = \$4.081/kL	0-300kL = \$3.348/kL >300kL = \$4.014/kL	0-300kL = \$3.349/kL >300kL = \$4.015/kL	0-300kL = \$3.081/kL >300kL = \$3.725/kL	0-280kL = \$2.37/kL 281-360kL = \$3.04/kL >360kL = \$3.50/kL	0-280kL = \$2.10/kL 281-360kL = \$2.77/kL >360kL = \$3.23/kL	0-280kL = \$1.82/kL 281-360kL = \$2.47/kL >360kL = \$2.91/kL
Sunshine Coast/Noosa (Unitywater)	0-300kL = \$3.283/kL >300kL = \$3.949/kL	0-300kL = \$3.111/kL >300kL = \$3.777/kL	0-300kL = \$2.939/kL >300kL = \$3.605/kL	0-300kL = \$2.767/kL >300kL = \$3.433/kL	0-300kL = \$2.499/kL >300kL = \$3.143/kL	0-219kL = \$2.15/kL >219kL = \$2.65/kL	0-219kL = \$1.88/kL >219kL = \$2.38/kL	0-219kL = \$1.59/kL >219kL = \$2.07/kL
Gold Coast	\$3.90/kL	\$3.83/kL	\$3.77/kL	\$3.80/kL	\$3.53/kL	\$3.26/kL	\$2.99/kL	\$2.68/kL
Logan	\$3.8394/kL	\$3.7704/kL	\$3.6863/kL	\$3.8644/kL	\$3.5813/kL	\$3.28/kL	\$3.00/kL	\$2.70/kL
Redland	\$3.151/kL	\$2.951/kL	\$2.751/kL	\$2.80/kL	0-146kL = \$2.557/kL 146-292kL = \$3.067/kL >292kL = \$3.577/kL	0-146kL = \$2.16/kL 147-292kL = \$2.59/kL >292kL = \$3.02/kL	0-146kL = \$1.88/kL 147-292kL = \$2.31/kL >292kL = \$2.73/kL	0-146kL = \$1.59/kL 147-292kL = \$2.00/kL >292kL = \$2.41/kL
OTHER QUEENSLAND					•	•	,	
Bundaberg	0-300kL = \$1.16/kL >300kL = \$1.90/kL	0-300kL = \$1.15/kL >300kL = \$1.88/kL	0-300kL = \$1.12/kL >300kL = \$1.84/kL	0-366kL = \$1.10/kL >366kL = \$1.80/kL	0-366kL = \$1.05/kL >366kL = \$1.70/kL	0-366kL = \$1.00/kL >366kL = \$1.65/kL	0-366kL = \$0.95/kL >366kL = \$1.60/kL	0-366kL = \$0.87/kL >366kL = \$1.50/kL
Cairns	\$1.17/kL	\$1.13/kL	\$1.13/kL	\$1.11/kL	\$1.09/kL	\$1.12/kL	\$1.01/kL	\$0.96/kL
Fraser Coast	\$1.76/kL	\$1.73/kL	\$1.71/kL	\$1.64/kL	\$1.57/kL	\$1.50/kL	\$1.43/kL	\$1.37/kL
Gladstone	\$1.70/kL	\$1.65/kL	\$1.65/kL	\$1.65/kL	\$1.59/kL	\$1.55/kL	\$1.95/kL	\$1.50/kL
Gympie	0-250kL = \$1.12/kL >250kL = \$1.99/kL	0-250kL = \$1.09/kL >250kL = \$1.95/kL	0-250kL = \$1.06/kL >250kL = \$1.90/kL	0-250kL = \$1.03/kL >250kL = \$1.85/kL	0-250kL = \$1.00/kL >250kL = \$1.80/kL	0-250kL = \$0.95/kL >250kL = \$1.64/kL	0-250kL = \$0.90/kL >250kL = \$1.50/kL	0-250kL = \$0.80/kL >250kL = \$1.50/kL
Yeppoon (Livingstone)	0-300kL = \$0.84/kL 301-600kL = \$1.29/kL >600kL = \$2.61/kL	0-300kL = \$0.81/kL 301-600kL = \$1.24/kL >600kL = \$2.51/kL	0-300kL = \$0.77/kL 301-600kL = \$1.18/kL >600kL = \$2.38/kL	0-300kL = \$0.73/kL 301-600kL = \$1.12/kL >600kL = \$2.26/kL	0-300kL = \$0.66/kL 301-600kL = \$1.01/kL >600kL = \$2.04/kL	0-300kL = \$0.62/kL 301-600kL = \$0.96/kL >600kL = \$1.93/kL	0-300kL = \$0.61/kL 301-600kL = \$0.95/kL >600kL = \$1.83/kL	0-300kL = \$0.59/kL 301-600kL = \$0.92/kL >600kL =\$1.77/kL
Mackay	0-300kL = \$1.75/kL >300kL = \$2.62/kL	0-300kL = \$1.70/kL >300kL = \$2.55/kL	0-300kL = \$1.70/kL >300kL = \$2.55/kL	0-300kL = \$1.70/kL >300kL = \$2.55/kL	0-300kL = \$1.60/kL >300kL = \$2.40/kL	0-300kL = \$1.49/kL >300kL = \$2.25/kL	0-300kL = \$1.40/kL >300kL = \$2.11/kL	0-300kL = \$1.33/kL >300kL = \$2.01/kL
Rockhampton	0-300kL = \$0.77/kL 301-600kL = \$1.20/kL >600kL = \$2.38/kL	0-300kL = \$0.74/kL 301-600kL = \$1.15/kL >600kL = \$2.28/kL	0-300kL = \$0.71/kL 301-600kL = \$1.11/kL >600kL = \$2.21/kL	0-300kL = \$0.69/kL 301-600kL = \$1.08/kL >600kL = \$2.16/kL	0-300kL = \$0.67/kL 301-600kL = \$1.04/kL >600kL = \$2.09/kL	0-300kL = \$0.62/kL 301-600kL = \$0.96/kL >600kL = \$1.93/kL	0-300kL = \$0.59/kL 301-600kL = \$0.91/kL >600kL = \$1.83/kL	0-300kL = \$0.57/kL 301-600kL = \$0.88/kL >600kL = \$1.77/kL
Toowoomba	0-200kL = \$2.34/kL >200kL = \$3.79/kL	0-200kL = \$2.27/kL >200kL = \$3.61/kL	0-200kL = \$2.20/kL >200kL = \$3.47/kL	0-200kL = \$2.20/kL >200kL = \$3.47/kL	0-200kL = \$2.20/kL >200kL = \$3.47/kL	0-200kL = \$2.10/kL >200kL = \$3.30/kL	0-200kL = \$2.10/kL >200kL = \$3.30/kL	0-200kL = \$1.50/kL >200kL = \$2.80/kL
Townsville	772kL allocation* >772kL = \$2.89/kL* \$1.38/kL**	772kL allocation* >772kL = \$2.83/kL* \$1.35/kL**	772kL allocation* >772kL = \$2.83/kL* <i>OR</i> \$1.35/kL**	772kL allocation* >772kL = \$2.79/kL* <i>OR</i> \$1.33/kL**	772kL allocation* >772kL = \$2.74/kL* <i>OR</i> \$1.30/kL**	772kL allocation* >772kL = \$2.61/kL* <i>OR</i> \$1.24/kL**	772kL allocation* >772kL = \$2.49/kL* <i>OR</i> \$1.18/kL**	\$0.65/kL

Source: AEC, assorted service providers. Notes: *Standard Plan, **Water Watchers Plan.



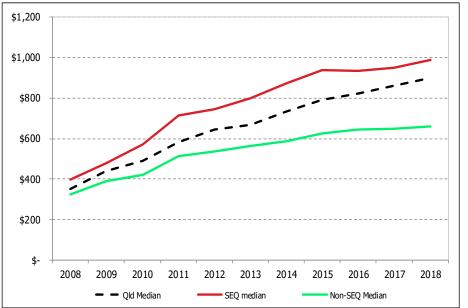
Comparison of Water Charges 3.

The graph below compares a residential water bill at 200kL consumption (net of discount), selecting the main area/s of supply within each region. The median charge is \$900.22, 4.6% higher than the prior year (\$860.46). The SEQ median charge is \$987.16 (3.8% higher than the prior year of \$951.06), which is 50% higher than the non-SEQ median charge of \$659.70 (1.8% higher than the prior year of \$647.76).



Average Residential Water Bill for a Property Consuming 200kL, 2017/18

The graph below maps SEQ and non-SEQ median charges for a residential property consuming 200kL per annum over time. The SEQ median charge has historically increased at a greater rate than the non-SEQ median charge, with the gap between the two primarily created by the establishment of the SEQ Water Grid infrastructure - now being \$327 (up from \$74 in 2007/08). This gap is not expected to widen much further with most SEQ Councils having arrived at the destination price for bulk water.



Median Residential Water Bill over Time for a Property Consuming 200kL, 2007/08-2017/18









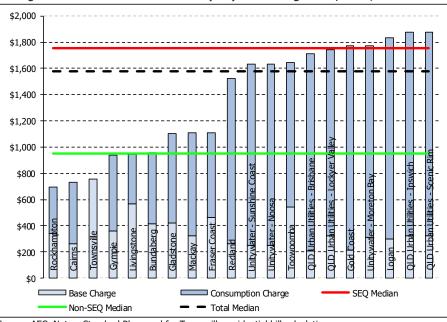
Source: AEC.

The graph below compares a residential water bill at consumption of 400kL (net of discount), selecting the main area/s of supply within each region. The median charge is \$1,576.92, 5.1% higher than the prior year (\$1,499.96). The SEQ median charge is \$1,756.66 (3.1% higher than the prior year of \$1,704.61), which is 85% higher than the non-SEQ median charge of \$949.79 (2.4% higher than the prior year of \$927.71).





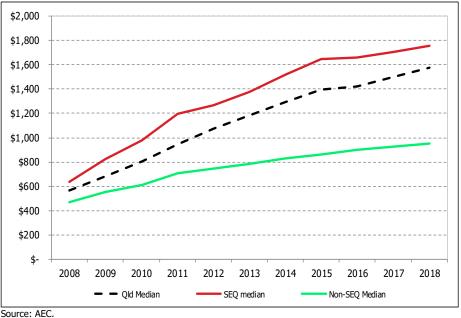




Average Residential Water Bill for a Property Consuming 400kL, 2017/18

The graph below maps SEQ and non-SEQ median residential charges for a property consuming 400kL per annum over time. The SEQ median charge has historically increased at a greater rate than the non-SEQ median charge, to the extent that the gap between the two – primarily created by the establishment of the SEQ Water Grid infrastructure – is now \$807, up from just \$169 in 2007/08. This gap is not expected to widen much further with most SEQ Councils having arrived at the destination price for bulk water.







Source: AEC. Notes: Standard Plan used for Townsville residential bill calculation.

4. Wastewater Pricing Levels

The following table provides information on the prices charged for a wastewater (or sewerage) service by selected large service providers in Queensland on a residential property.

Wastewater Price Benchmarking for Large Service Providers in Queensland, 2017/18

Provider & Location	Charge	Discount	Comments
SEQ ^(a)			
QLD Urban Utilities			• In the Lockyer Valley region, additional pedestal charges apply
Brisbane	\$527.88	0%	to residential premises at \$348.84 per pedestal In Scenic Rim, vacant land is levied a reduced charge of
Ipswich	\$608.16	0%	 \$321.24 In the Somerset region, vacant land charges are \$385.80 in the Kilcoy service area and \$301.80 in all other service areas
Lockyer Valley	\$461.52	0%	
Scenic Rim	\$558.24	0%	
Somerset – Lowood, Fernvale, Esk, Toogoolawah	\$548.28	0%	
Somerset – Kilcoy	\$436.80	0%	
Unitywater			Sewage discharges are determined by applying a discharge
Moreton Bay Region	\$681.46 + 0-270kL = \$0.667/kL	0%	factor of 90% to measured water consumption, and are capped at 270kL per residence
Sunshine Coast and Noosa	\$544.58 + 0-270kL = \$0.667/kL	0%	
Gold Coast	\$725.12	0%	
Logan	\$706.40	0%	 Common Effluent Disposal scheme levied a charge of \$565.12 Vacant land is levied a reduced charge of \$529.80
Redland	\$675.75	0%	
OTHER QUEENSLAND			•
Bundaberg	\$726.00	0%	
Cairns	\$771.06	0%	 Vacant lots are levied a reduced charge of \$613.88 Standard commercial charges per pedestal are applied for connections servicing common property (e.g. toilet servicing swimming pool area or foyer)
Fraser Coast	\$780.00	7.5%	
Gladstone			 Vacant land is levied reduced charges of \$490.00, \$520.80 and \$618.80, respectively
Gladstone	\$700.00	10%	
Boyne Island, Tannum Sands, Calliope	\$744.00	10%	
Agnes Water/1770	\$884.00	10%	
Gympie	\$704.80	10%	
Livingstone	\$766.00	10%	Vacant land is levied a reduced charge of \$727.60
Mackay	\$863.50	10%	Properties connected to the North Eton Biocycle system are levied a charge of \$734.90
Rockhampton			• Vacant land within each district is levied a reduced charge as
Rockhampton	\$613.00	10%	follows: Rockhampton \$583.00, Gracemere \$761.00 and Mount Morgan \$703.00
Gracemere	\$801.00	10%	
Mount Morgan	\$740.00	10%	
Toowoomba	\$467.88	10%	 Additional charges are levied on properties with greater than four pedestals at a rate of \$233.94 per additional pedestal Residential properties connected to a common effluent drainage sewerage system are levied a charge of \$233.94, plus \$116.96 for each pedestal in excess of four Vacant land is levied a reduced charge of \$233.94
Townsville	\$775.00	0%	Vacant land is levied a reduced charge of \$697.00

Source: AEC, assorted service providers. Notes: (a) The same classifications as that adopted for water (i.e. SEQ Water Grid versus Other Queensland) are retained for wastewater charging for consistency.



<u>5.</u> C

Comparison of Wastewater Charges

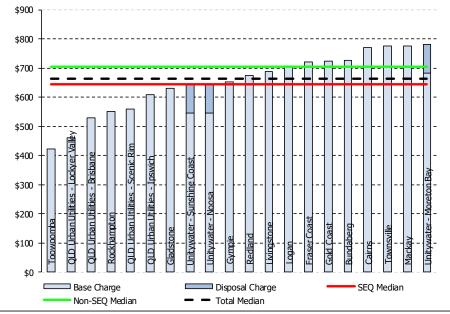
The graph below compares a residential wastewater bill (net of discount), selecting the main area/s of supply within each region. The median charge is \$663.85, 2.0% higher than the prior year (\$651.05). The SEQ median charge is \$644.63 (1.4% higher than the prior year of \$635.87), which is 9% lower than the non-SEQ median charge of \$705.45 (3.1% higher than the prior year of \$684.24).







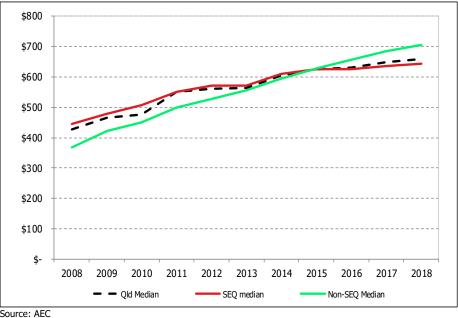
Average Residential Wastewater Bill, 2017/18



Source: AEC

The graph below maps SEQ and non-SEQ median charges for a residential property over time. The non-SEQ median charge has been increasing at a greater rate than the SEQ median charge, resulting in the non-SEQ median overtaking the SEQ median in 2014/15 and being presently \$61 higher than the SEQ median. This trend is expected to continue.

Median Residential Wastewater Bill over Time, 2008/09-2017/18





Notes: * Average residential discharge levels of around 150kL are assumed for Moreton Bay and Sunshine Coast/Noosa.

BRISBANE

Level 5, 131 Leichhardt Street Spring Hill QLD 4000 Australia T:+61 (0)7 3831 0577

DARWIN

Level 1, 48-50 Smith Street Darwin NT 0800 Australia T: 1300 799 343

aecgroupltd.com

MELBOURNE

Level 13, 200 Queen Street Melbourne VIC 3000 Australia T: +61 (0)3 8648 6586

PERTH

Level 2, 580 Hay Street Perth WA 6000 Australia T: +61 (0) 8 6555 4940

SYDNEY

Level 14, 25 Bligh Street, Sydney NSW 2000 Australia T:+61 (0) 2 9283 8400

TOWNSVILLE

233 Flinders Street East Townsville QLD 4810 Australia T:+61 (0)7 4771 5550

BANGKOK

2024/129-130 Sukhumvit 50 Prakanong Klongtoey, Bangkok, Thailand 10260 T: +66 2 107 0189

SHANGHAI

46F Hongkong New World Tower 300 Huahai Road Central 200021 China T: +8621 6135 2310

OUTCOME DRIVEN



OUTCOME DRIVEN