

2016/17 Commercial Waste Disposal Fee Benchmarking Report

Large Queensland Councils

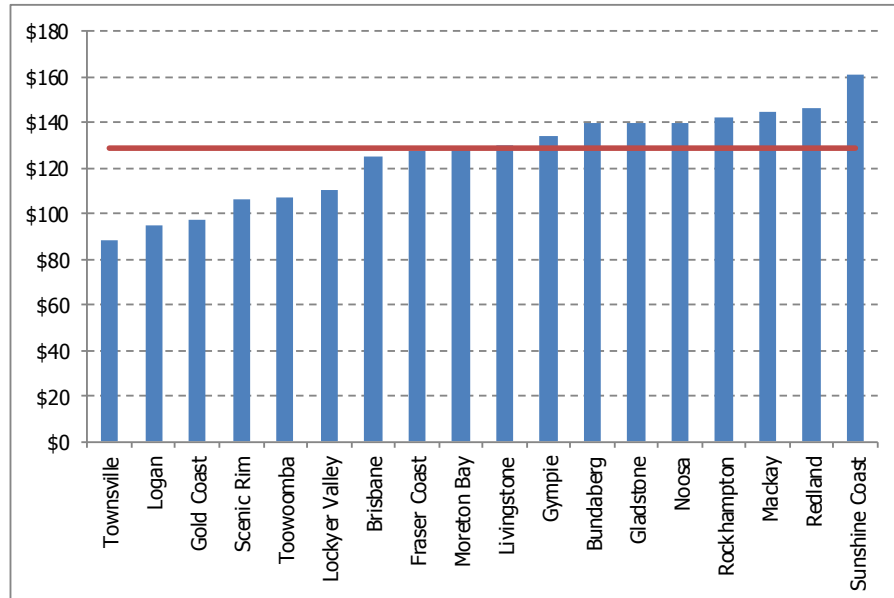


Outcomes Summary

General Mixed Waste Disposal Fees

The industry median commercial general mixed waste disposal fee in 2016/17 is \$129.00 per tonne (inclusive of GST) within a range of \$88.00-\$161.00 per tonne. This is 3.2% higher than the 2015/16 median benchmark.

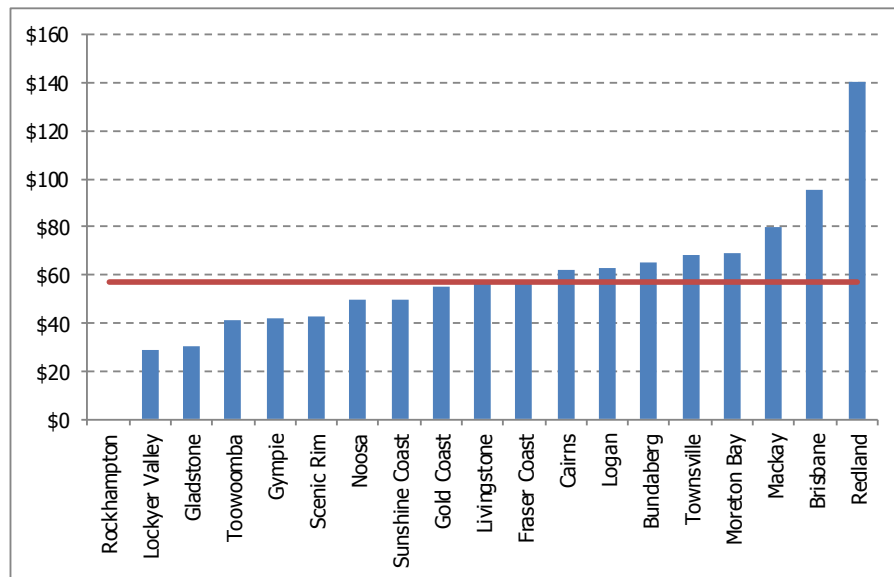
Tonnage Disposal Fee Levied on General Mixed Waste



Green Waste Disposal Fees

The industry median commercial (clean) green waste disposal fee in 2016/17 is \$57.00 per tonne (inclusive of GST) within a range of \$0.00-\$140.00 per tonne. This is 1.8% higher than the 2015/16 median benchmark. For those adopting cubic metre fees, the median conversion factor applied to tonnage fees is 37%.

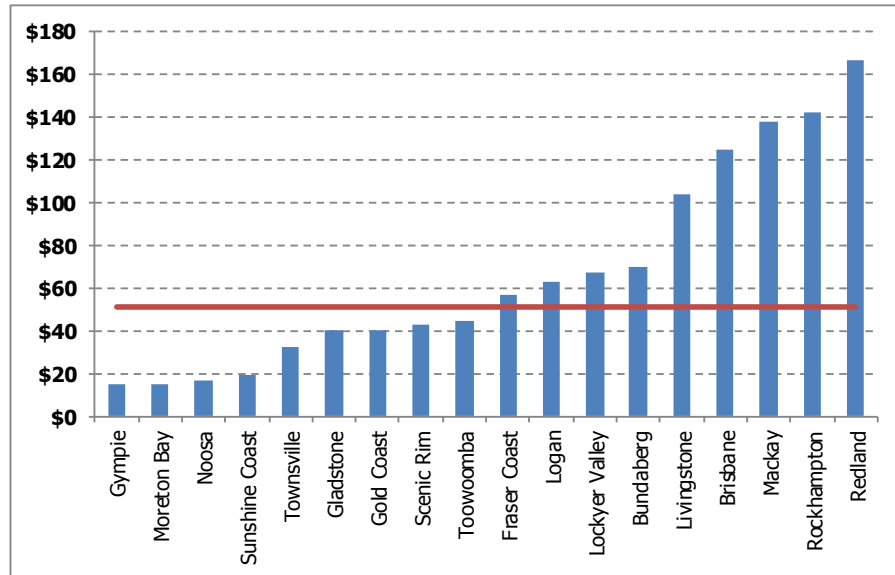
Tonnage Disposal Fee Levied on Green Waste



Concrete/Bricks Waste Disposal Fees

The industry median (clean) concrete/bricks disposal fee in 2016/17 is \$51.05 per tonne (inclusive of GST) within a range of \$15.00-\$167.00 per tonne. This is 8.8% lower than the 2015/16 median benchmark. For those adopting cubic metre fees, the median conversion factor applied to tonnage fees is 100%.

Tonnage Disposal Fee Levied on Concrete/Bricks C&D Waste



AEC Group Pty Ltd (AEC) is an industry leader in the waste sector, having provided advice to a large number of clients across Australia in relation to financial and pricing outcomes and business strategies. We have developed a purpose-built, long-term waste management costing and pricing financial model that has already experienced a high level of take-up by Queensland local governments. If you require assistance regarding any aspect of your waste business/function, please don't hesitate to contact Gavin O'Donovan, Director and Principal Consultant, on (07) 3831 0577 or gavin.odonovan@aecgroup.com.

Table of Contents

OUTCOMES SUMMARY	I
TABLE OF CONTENTS.....	III
1. GENERAL MIXED WASTE DISPOSAL FEES.....	1
1.1 SUMMARY BENCHMARKING OUTCOMES.....	1
1.2 DETAILED DISPOSAL FEE INFORMATION	2
2. GREEN WASTE DISPOSAL FEES	5
2.1 SUMMARY BENCHMARKING OUTCOMES.....	5
2.2 DETAILED DISPOSAL FEE INFORMATION	6
3. CONSTRUCTION & DEMOLITION WASTE DISPOSAL FEES.....	9
3.1 SUMMARY BENCHMARKING OUTCOMES.....	9
3.2 DETAILED DISPOSAL FEE INFORMATION	10



Disclaimer:

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

1. General Mixed Waste Disposal Fees

1.1 Summary Benchmarking Outcomes

The following table provides a summary of the disposal fees levied on commercial general mixed waste during 2016/17 for selected medium-large Queensland Councils. The industry median charge is calculated at \$129.00 per tonne (inclusive of GST) within a range of \$88.00-\$161.00 per tonne. This is 3.2% higher than the 2015/16 median benchmark.

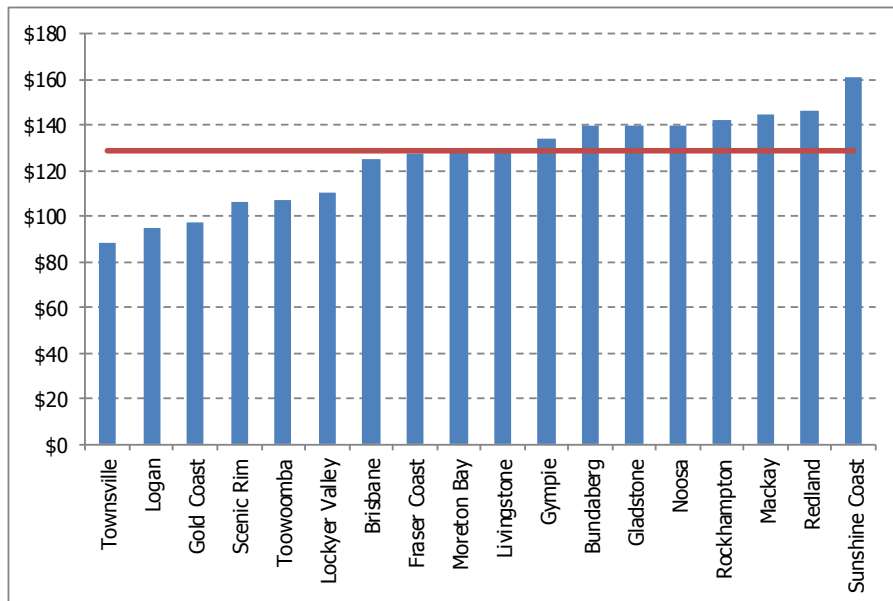
General Mixed Waste Disposal Fee Benchmarking Outcomes

Council	GENERAL WASTE		
	\$/t	\$/m3	\$/minimum
Brisbane	\$ 125.10		\$ 11.70
Bundaberg	\$ 140.00		\$ 23.00
Cairns	SITA charge		\$ 10.40
Fraser Coast	\$ 127.50	\$ 127.50	\$ 9.15
Gladstone	\$ 140.00		\$ 25.00
Gold Coast	\$ 96.90	\$ 32.10	\$ 14.50
Gympie	\$ 134.00		
Ipswich	by quote		
Livingstone	\$ 130.00	\$ 58.00	\$ 7.00
Lockyer Valley	\$ 110.00	\$ 45.00	\$ 10.00
Logan	\$ 95.00		\$ 7.00
Mackay	\$ 145.00	\$ 54.00	\$ 13.00
Moreton Bay	\$ 128.00		\$ 17.00
Noosa	\$ 140.00	\$ 90.00	\$ 8.00
Redland	\$ 146.55		\$ 29.35
Rockhampton	\$ 142.00	\$ 73.98	\$ 10.00
Scenic Rim	\$ 106.00	\$ 7.50	
Sunshine Coast	\$ 161.00	\$ 104.00	\$ 8.00
Toowoomba	\$ 107.00		\$ 9.50
Townsville	\$ 88.00		
Industry Median	\$ 129.00	\$ 58.00	\$ 10.20
Industry Average	\$ 125.67	\$ 65.79	\$ 13.29
Industry Low	\$ 88.00	\$ 7.50	\$ 7.00
Industry High	\$ 161.00	\$ 127.50	\$ 29.35

Notes: **\$/minimum** – Reflects commercial sedan or minimum commercial fee, whichever is the lesser. **Cairns** – Mixed waste tonnage rate at the Bedminster Composting Facility is as per the SITA charge (which is unpublished). **Gladstone** – General waste is as per Benaraby sorted loads. **Mackay** – Fee is as per Paget facility. Per cubic metre fee is for uncompacted waste with compacted waste at \$64.00 per cubic metre.

The following graph provides a graphical depiction of the benchmarking outcomes (excluding those Councils without a listed tonnage disposal fee).

Tonnage Disposal Fee Levied on General Mixed Waste











1.2 Detailed Disposal Fee Information

The following table provides detailed information on fees charged during 2016/17 for the disposal of general mixed waste at landfill and transfer station sites for selected medium-large Queensland Councils.

General Mixed Waste Disposal Fees for Large Queensland Councils

Council	Charge Category	\$ (inc. GST)	Basis
Brisbane	Car – sedan/station wagon (domestic only <0.5t)	\$11.70	Each
	All other vehicles/trailer combinations (<4.5t RVGM) <=0.1t	\$11.80	Each
	All other vehicles/trailer combinations (<4.5t RVGM) 0.1-0.5t	\$27.90	Each
	All other vehicles/trailer combinations (<4.5t RVGM) >0.5t	\$125.10	Per tonne
	All other vehicles/trailer combinations (>=4.5t RVGM)	\$125.10	Per tonne
Bundaberg	<u>Domestic</u>		
	Minimum <240L	\$6.00	Each
	Car – sedan/station wagon	\$10.00	Each
	Utility/trailer	\$12.00	Each
	Light commercial vehicle ½ load	\$21.00	Each
	Light commercial vehicle	\$37.00	Each
	<u>Commercial</u>		
	Weighed (with region)	\$140.00 (min. \$23.00)	Per tonne
	Weighed (outside region)	\$180.00	Per tonne
Cairns	<u>Domestic</u>		
	Car/station wagon/dual cab utility (240L bin, <0.5m ³)	\$8.10	Each
	Car+trailer/utility/van (0.5m ³ -1m ³)	\$11.70	Each
	Utility+trailer/tandem trailer (>1m ³)	\$18.80	Each
	<u>Commercial</u>		
	Treatable waste (Bedminster)	Sita Charge	Per tonne
	Car/station wagon/dual cab utility (240L bin, <0.5m ³)	\$10.40	Each
Car+trailer/utility/van (0.5m ³ -1m ³)	\$20.90	Each	
Utility+trailer/tandem trailer (>1m ³)	\$41.80	Each	
	<i>(mixed waste disposal unavailable for collection contractors)</i>		
Fraser Coast	Car – sedan/station wagon	\$9.15	Each
	Car+trailer/utility/van	\$16.30	Each
	Utility+trailer (<4.5t GVM)	\$32.60	Each
	Minimum charge	\$9.15	Each
	Larger loads – weighed	\$127.50	Per tonne
	Larger loads – not weighed	\$127.50	Per m ³
Gladstone	Garbage bag/<=240L wheelie bin/car boot	Free	Each
	Utility/single axle box trailer (> half full)	\$5.00	Each
	Dual axle trailer	\$10.00	Each
	Large loads (Benaraby)	\$140.00 (min. \$25.00)	Per tonne
	Large loads (Gladstone)	\$225.00 (min. \$25.00)	Per tonne
	Large loads (Agnes Waters)	\$65.00	Per m ³
	Unsorted waste with recyclables (Benaraby)	\$275.00 (min. \$35.00)	Per tonne
	Unsorted waste with recyclables (Gladstone)	\$445.00 (min. \$50.00)	Per tonne
	Additional levy on waste from outside of the region	\$65.00	Per tonne
Disposal of collected domestic kerbside waste (internal)	\$135.00 (exc. GST)	Per tonne	
Gold Coast	<u>Domestic Resident</u>		
	Car/van/utility/small trailer (<=2.1m x 1.5m x 0.6)	Free	Each
	<u>Commercial (or exceeding domestic size limits)</u>		
	Weighed	\$96.90 (min \$14.50)	Per tonne
	Not weighed	\$32.10 (min \$14.50)	Per m ³
Gympie	Car	\$7.00	Each
	Single axle trailer/ute/van	\$17.00	Each
	Large dual axle trailer/small truck/utility+trailer	\$36.00	Each
	Other	\$134.00	Per tonne
Ipswich <i>(Riverview facility)</i>	<u>Domestic Resident</u>		
	Vehicles (up to 0.5t)	\$10.00	Each
	Vehicles (>0.5t)	\$200.00	Per tonne
	<u>Commercial/Non-Resident</u>		
	General commercial and industrial waste	By quote	Per tonne

Council	Charge Category	\$ (inc. GST)	Basis
	Livingstone		
	<u>Domestic Resident</u>		
	Garbage bag/1/2 full 240L MGB	\$7.00	Each
	Sedan/SUV/station wagon/240L MGB	\$11.00	Each
	Trailer (6'x4')/utility/tray back/van/2x240L MGB	\$21.00	Each
	Larger trailer/trailer or utility using hungry boards	\$31.00	Each
	All other vehicles (weighed)	\$112.00 (min \$7.00)	Per tonne
	All other vehicles (not weighed)	\$58.00 (min \$7.00)	Per m ³
	<u>Commercial</u>		
	All other vehicles (weighed)	\$130.00 (min \$7.00)	Per tonne
All other vehicles (not weighed)	\$58.00 (min \$7.00)	Per m ³	
 	Lockyer Valley		
	<u>Domestic</u>		
	Up to 0.24m ³ /240L per person and/or vehicle per day	Free	Each
	Sedan/SUV/station wagon/>0.24m ³ /240L	\$7.00	Each
	Trailer (maximum 6x4)/utility	\$10.00	Each
	Trailer>6x4/Utility+trailer	\$20.00	Each
	Weighed – truck/trailer>6x4	\$110.00	Per tonne
	Not weighed – truck/trailer>6x4	\$46.00	Per m ³
	<u>Commercial</u>		
	Up to 0.12m ³ /120L	\$10.00	Each
Sedan/SUV/station wagon/>0.12m ³ /120L	\$15.00	Each	
Trailer (maximum 6x4)/utility	\$30.00	Each	
Utility+trailer (maximum 6x4)	\$60.00	Each	
Weighed – larger vehicles	\$110.00	Per tonne	
Not weighed – larger vehicles	\$46.00	Per m ³	
	Logan		
	<u>Domestic Resident/Commercial</u>		
	Car (<0.75t or <2m ³)	\$7.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$12.00	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	\$18.00	Each
	Other vehicles or configurations (weighed)	\$95.00 (min. \$19.00)	Per tonne
	Extra load >2m ³ (not weighed)	\$28.00	Per m ³
	<u>Non-Resident</u>		
	Car (<0.75t or <2m ³)	\$12.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$15.00	Each
Utility+trailer/van+trailer (<0.75t or <2m ³)	\$25.00	Each	
Other vehicles or configurations (weighed)	\$140.00 (min. \$19.00)	Per tonne	
Extra load >2m ³ (not weighed)	\$78.00	Per m ³	
	Mackay		
	<u>Domestic</u>		
	Car – sedan, station wagon, 4x4 (<1t)	\$7.00	Each
	Utility/flat-top/trailer (<1t)	\$13.00	Each
	All other vehicles (weighed)	\$125.00	Per tonne
	All other vehicles (not weighed)	\$44.00	Per m ³
	<u>Commercial</u>		
	General commercial and industrial waste (Paget – weighed)	\$145.00 (min. \$13.00)	Per tonne
	Commercial gate charge (Hogan's Pocket – weighed)	\$115.00	Per tonne
	Putrescible commercial waste (Hogan's Pocket – weighed)	\$217.00	Per tonne
Uncompacted (other – not weighed)	\$54.00	Per m ³	
Compacted (other – not weighed)	\$64.00	Per m ³	
	Moreton Bay		
	<u>Domestic Resident</u>		
	<=0.5t or 3m ³ per load	Free	Each
	<u>Commercial/Non-Resident</u>		
	Car (<2.5t gross weight)	\$17.00	Each
	Car+trailer (<2.5t gross weight)	\$57.00	Each
	Utility/van/trailer (<2.5t gross weight)	\$40.00	Each
Utility+trailer/van+trailer (<2.5t gross weight)	\$80.00	Each	
All other vehicles >2.5t gross weight (weighed)	\$128.00 (min. \$40.00)	Per tonne	
	Noosa		
	Small load (sedan boot, half trailer, <0.5m ³)	\$8.00	Each
	Medium load (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$23.00	Each
	Large load (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$45.00	Each
	All other vehicles (weighed)	\$140.00	Per tonne
	All other vehicles (not weighed)	\$90.00	Per m ³
	Redland (Birkdale facility)		
	<u>Domestic Resident</u>		
	Up to truck with RGVM mass <4.5t pulling trailer	Free	Each
	<u>Non-Resident</u>		
	Car – sedan/station wagon	\$17.85	Each
	Car+trailer/utility/van	\$36.85	Each
	Utility+trailer/van+trailer	\$50.35	Each
	Truck with RGVM mass <4.5t pulling trailer	\$75.05	Each
<u>Commercial</u>			
Weighed	\$146.55 (min. \$29.35)	Per tonne	

Council	Charge Category	\$ (inc. GST)	Basis
Rockhampton	<u>Domestic</u>		
	Garbage bag/1/2 full 240L MGB	\$7.00	Each
	Sedan/SUV/station wagon/240L MGB	\$9.00	Each
	2x240L MGB	\$17.00	Each
	Trailer (6'x4')/utility/tray back/van	\$18.00	Each
	Larger trailer/trailer or utility using hungry boards	\$21.00	Each
	All other vehicles (weighed)	\$86.90 (min. \$7.00)	Per tonne
	All other vehicles (not weighed)	\$46.14 (min. \$7.00)	Per m ³
	<u>Commercial</u>		
	Garbage bag/1/2 full 240L MGB	\$10.00	Each
All other vehicles (weighed)	\$142.00 (min. \$10.00)	Per tonne	
All other vehicles (not weighed)	\$73.98 (min. \$10.00)	Per m ³	
Scenic Rim	<u>Domestic</u>		
	Up to 1m ³	Free	Each
	Not weighed >1m ³	\$7.00	Per m ³
	Weighed	\$96.00	Per tonne
	<u>Commercial</u>		
Weighed	\$106.00	Per tonne	
Not weighed	\$7.50	Per m ³	
Sunshine Coast	Small load (sedan boot, half trailer, <0.5m ³)	\$8.00	Each
	Medium load (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$23.00	Each
	Large load (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$38.00	Each
	All other vehicles (weighed)	\$161.00	Per tonne
	All other vehicles (not weighed)	\$104.00	Per m ³
Toowoomba	<u>Domestic</u>		
	Car/trailer/car+trailer/utility/van/utility+trailer/van+trailer	Free	Each
	All other vehicles	Free	Each
	<u>Commercial</u>		
Municipal solid waste	\$107.00 (min. \$9.50)	Per tonne	
Commercial and industrial waste	\$107.00 (min. \$9.50)	Per tonne	
Townsville	<u>Domestic</u>		
	Car (small)	\$8.00	Each
	Car+trailer/utility (medium)	\$16.00	Each
	Any other vehicle and/or trailer combination (large)	\$24.00	Each
	Weighed	\$88.00	Per tonne
	<u>Commercial</u>		
Weighed	\$88.00	Per tonne	

Source: AEC, assorted service providers

2. Green Waste Disposal Fees

2.1 Summary Benchmarking Outcomes

The following table provides a summary of the commercial disposal fees levied on (clean) green waste during 2016/17 for selected medium-large Queensland Councils. The industry median charge is calculated at \$57.00 per tonne (inclusive of GST) within a range of \$0.00-\$140.00 per tonne. This is 1.8% higher than the 2015/16 median benchmark. For those adopting cubic metre fees, the median conversion factor applied to tonnage fees is 37%.

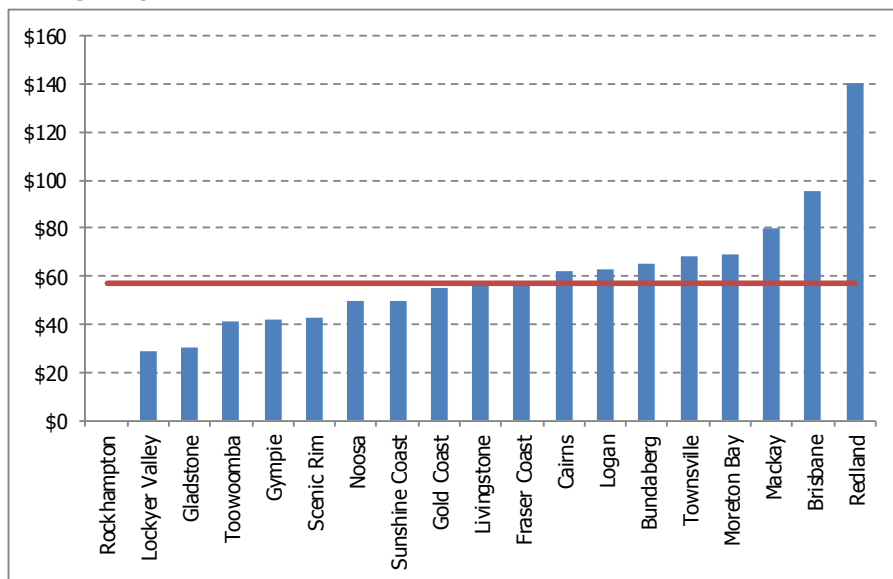
Green Waste Disposal Fee Benchmarking Outcomes

Council	GREEN WASTE		
	\$/t	\$/m3	\$/minimum
Brisbane	\$ 95.50		\$ 11.60
Bundaberg	\$ 65.00		\$ 23.00
Cairns	\$ 62.20		\$ 16.80
Fraser Coast	\$ 57.10	\$ 18.35	\$ -
Gladstone	\$ 30.00	\$ 10.00	\$ -
Gold Coast	\$ 55.30	\$ 15.90	\$ 11.10
Gympie	\$ 42.00	\$ 7.00	\$ 3.00
Ipswich	by quote		
Livingstone	\$ 57.00	\$ 26.00	
Lockyer Valley	\$ 29.00	\$ 16.00	\$ 10.00
Logan	\$ 63.00	\$ 25.00	\$ 7.00
Mackay	\$ 80.00	\$ 39.00	\$ 8.00
Moreton Bay	\$ 69.00		\$ 9.00
Noosa	\$ 50.00	\$ 30.00	\$ 5.00
Redland	\$ 140.00	\$ 44.00	\$ 28.00
Rockhampton	\$ -	\$ -	\$ -
Scenic Rim	\$ 43.00	\$ 7.50	
Sunshine Coast	\$ 50.00	\$ 30.00	\$ 5.00
Toowoomba	\$ 40.90		\$ 6.20
Townsville	\$ 68.00		
Industry Median	\$ 57.00	\$ 18.35	\$ 7.50
Industry Average	\$ 57.74	\$ 20.67	\$ 8.98
Industry Low	\$ -	\$ -	\$ -
Industry High	\$ 140.00	\$ 44.00	\$ 28.00

Notes: **Fraser Coast** – free disposal of green waste up to 1 tonne (or 4m³). **Bundaberg** – fee is as per the Qunaba facility. **Gladstone** – free disposal of green waste up to Utility/trailer (single axle/wheel).

The following graph provides a graphical depiction of the benchmarking outcomes (excluding those Councils without a tonnage disposal fee).

Tonnage Disposal Fee Levied on Green Waste



2.2 Detailed Disposal Fee Information

The following table provides detailed information on prices charged during 2016/17 for the disposal of (clean) green waste at landfill and transfer station sites for selected medium-large Queensland Councils.

Green Waste Disposal Fees for Large Queensland Councils

Council	Charge Category	\$ (inc. GST)	Basis
Brisbane	Car – sedan/station wagon (<0.5t)	\$11.60	Each
	All other vehicles/trailer combinations (<4.5t RVGM) <=0.1t	\$11.60	Each
	All other vehicles/trailer combinations (<4.5t RVGM) 0.1-0.5t	\$19.40	Each
	All other vehicles/trailer combinations (<4.5t RVGM) >0.5t	\$95.50	Per tonne
	All other vehicles/trailer combinations (>=4.5t RVGM)	\$95.50*	Per tonne
Bundaberg	<u>Domestic</u>		
	Minimum <240L	\$6.00	Each
	Sedan/station wagon/utility/trailer	\$8.00	Each
	Light commercial vehicle ½ load	\$21.00	Each
	Light commercial vehicle	\$37.00	Each
	<u>Commercial</u>		
	Garden bag (lawn clippings/small branches, approx. 1m ³)	\$5.00	Each
	Qunaba	\$65.00 (min. \$23.00)	Per tonne
	Other facilities	\$80.00 (min. \$23.00)	Per tonne
	Mower clippings – Qunaba	\$65.00 (min. \$17.00)	Per tonne
Mower clippings – other facilities	\$75.00 (min. \$20.00)	Per tonne	
Green waste from outside of the region	\$180.00	Per tonne	
Cairns	<u>Domestic</u>		
	Car/station wagon/dual cab utility (240L bin, <0.5m ³)	\$8.10	Each
	Utility/small trailer/van/ car+trailer (0.5m ³ -1m ³)	\$11.70	Each
	Utility+trailer/tandem trailer (>1m ³)	\$18.80	Each
	Other loads (Portsmith, Smithfield)	\$62.20	Per tonne
	<u>Commercial</u>		
	Car/station wagon/utility/trailer	\$23.40	Each
	Car+trailer/station wagon+trailer/utility+trailer (<4.5t GVM)	\$34.60	Each
	Small truck (<4.5t GVM)+ trailer/Light truck (4.5t-8t GVM) /tandem trailer	\$40.20	Each
	Heavy truck >8t (Portsmith, Smithfield)	\$62.20	Per tonne
Minimum charge <0.25t (Portsmith, Smithfield)	\$16.80	Each	
Fraser Coast	<=4m ³ or 1t per load	Free	Each
	>1t (weighed)	\$57.10	Per tonne
	>4m ³ (not weighed)	\$18.35	Per m ³
	Large palm/tree trunks	\$127.50	Per tonne
Gladstone	Utility/trailer (single axle/wheel)	Free	Each
	Dual axle trailer/utility	\$5.00	Each
	Other	\$30.00	Per tonne
	No weighbridge	\$10.00	Per m ³
Gold Coast	<u>Domestic Resident</u>		
	Car/van/utility/small trailer (<=2.1m x 1.5m x 0.6m)	Free	Each
	<u>Commercial (or exceeding domestic size limits)</u>		
Weighed	\$55.30 (min. \$11.10)	Per tonne	
Not weighed	\$15.90 (min. \$11.10)	Per m ³	
Gympie	<u>Domestic Resident</u>		
	Car/single axle trailer/ute/van	Free	Each
	Large dual axle trailer/small truck/utility+trailer	\$20.00	Each
	Other – weighed	\$42.00	Per tonne
	Other – not weighed	\$7.00	Per m ³
	<u>Domestic Resident</u>		
	Car	\$3.00	Each
	Single axle trailer/ute/van	\$11.00	Each
	Large dual axle trailer/small truck/utility+trailer	\$20.00	Each
	Other – weighed	\$42.00	Per tonne
Other – not weighed	\$7.00	Per m ³	
Ipswich <i>(Riverview facility)</i>	<u>Domestic Resident</u>		
	Vehicles (up to 0.5t)	\$10.00	Each
	Vehicles (>0.5t)	\$200.00	Per tonne
<u>Commercial/Non-Resident</u>			
Green waste	By quote	Per tonne	

Council	Charge Category	\$ (inc. GST)	Basis
Livingstone	<u>Domestic</u> Garbage bag/1/2 full 240L MGB	Free	Each
	Sedan/SUV/station wagon/240L MGB	Free	Each
	Trailer (6'x4')/utility/tray back/van	Free	Each
	Larger trailer/trailer or utility using hungry boards	Free	Each
	<u>Commercial</u> All other vehicles (weighed)	\$57.00	Per tonne
	All other vehicles (not weighed)	\$26.00	Per m ³
Lockyer Valley	<u>Domestic</u> Sedan/SUV/station wagon/trailer (max. 6x4)/utility – resident	Free	Each
	As above – non-resident	\$22.00	Each
	Truck/trailer (greater than 6x4)	\$29.00	Per tonne
	Truck/trailer (greater than 6x4)	\$16.00	Per m ³
	<u>Commercial</u> Utility/trailer	\$12.00	Each
	Weighed	\$29.00 (min. \$10.00)	Per tonne
	Not weighed	\$16.00	Per m ³
	Out of region – weighed	\$139.00	Per tonne
	Out of region – not weighed	\$62.00	Per m ³
Logan	<u>Domestic Resident</u> Car (<0.75t or <2m ³)	Free	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	Free	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	Free	Each
	Other vehicles or configurations (weighed)	\$63.00 (min. \$19.00)	Per tonne
	Extra load >2m ³ (not weighed)	\$25.00	Per m ³
	<u>Commercial</u> Car (<0.75t or <2m ³)	\$7.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$12.00	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	\$18.00	Each
	Other vehicles or configurations (weighed)	\$63.00 (min. \$19.00)	Per tonne
	Extra load >2m ³ (not weighed)	\$25.00	Per m ³
	<u>Non-Resident</u> Car (<0.75t or <2m ³)	\$12.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$15.00	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	\$25.00	Each
	Other vehicles or configurations (weighed)	\$108.00 (min. \$19.00)	Per tonne
	Extra load >2m ³ (not weighed)	\$56.00	Per m ³
Mackay	<u>Domestic</u> Car – sedan, station wagon, 4x4 (<1t)	\$6.00	Each
	Utility/flat-top/trailer (<1t)	\$8.00	Each
	All other vehicles (weighed)	\$72.00	Per tonne
	All other vehicles (not weighed)	\$13.00	Per m ³
	<u>Commercial</u> General green waste (weighed)	\$80.00 (min. \$8.00)	Per tonne
	General green waste (not weighed)	\$39.00	Per m ³
	Tree stumps/branches >0.5m diameter (weighed)	\$95.00 (min. \$8.00)	Per tonne
	Tree stumps/branches >0.5m diameter (not weighed)	\$46.00	Per m ³
Moreton Bay	<u>Domestic Resident</u> <=0.5t or 3m ³ per load	Free	Each
	<u>Commercial/Non-Resident</u> Car (<2.5t gross weight)	\$9.00	Each
	Car+trailer (<2.5t gross weight)	\$31.00	Each
	Utility/van/trailer (<2.5t gross weight)	\$22.00	Each
	Utility+trailer/van+trailer (<2.5t gross weight)	\$44.00	Each
	All other vehicles >2.5t gross weight (weighed)	\$69.00 (min. \$22.00)	Per tonne
Noosa	Small load (sedan boot, half trailer, <0.5m ³)	\$5.00	Each
	Medium load (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$15.00	Each
	Large load (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$20.00	Each
	All other vehicles (weighed)	\$50.00	Per tonne
	All other vehicles (not weighed)	\$30.00	Per m ³
Redland	<u>Domestic Resident</u> Car – sedan/station wagon	Free	Each
	Car+trailer/utility/van	Free	Each
	Utility+trailer/van+trailer	Free	Each
	Truck with RGVM mass <4.5t pulling trailer	Free	Each
	<u>Commercial</u> Weighed	\$140.00 (min. \$28.00)	Per tonne
	Not weighed	\$44.00 (min. \$11.00)	Per m ³

Council	Charge Category	\$ (inc. GST)	Basis
Rockhampton	Garbage bag/½ full 240L MGB	Free	Each
	Sedan/SUV/station wagon/240L MGB	Free	Each
	Trailer (6'x4')/utility/tray back/van	Free	Each
	Larger trailer/trailer or utility using hungry boards	Free	Each
	All other vehicles (weighed)	Free	Per tonne
	All other vehicles (not weighed)	Free	Per m ³
Scenic Rim	<u>Domestic</u>		
	<= 3m ³	Free	Each
	>3m ³ (weighed)	\$38.00	Per tonne
	>3m ³ (not weighed)	\$7.00	Per m ³
	<u>Commercial</u>		
Weighed	\$43.00	Per tonne	
Not weighed	\$7.50	Per m ³	
Sunshine Coast	Small load (sedan boot, half trailer, <0.5m ³)	\$5.00	Each
	Medium load (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$15.00	Each
	Large load (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$20.00	Each
	All other vehicles (weighed)	\$50.00	Per tonne
	All other vehicles (not weighed)	\$30.00	Per m ³
Toowoomba	<u>Domestic</u>		
	Car/trailer/car+trailer/utility/van/utility+trailer/van+trailer	Free	Each
	All other vehicles	Free	Each
	<u>Commercial</u>		
Uncontaminated	\$40.90 (min. \$6.20)	Per tonne	
Townsville	<u>Domestic</u>		
	Car/station wagon	\$8.00	Each
	Car+trailer/station wagon+trailer/utility/van	\$16.00	Each
	Any other vehicle and/or trailer combination (large loads)	\$24.00	Each
	Bulk green waste	\$68.00	Per tonne
	<u>Commercial</u>		
	Weighed	\$68.00	Per tonne
	Including large logs (>300mm in diameter)	\$88.00	Per tonne

Source: AEC, assorted service providers

Notes: * A reduced tonnage rate of \$65.60 applies to clean green waste disposed by the Demolition Contractors Association (QLD).

3. Construction & Demolition Waste Disposal Fees

3.1 Summary Benchmarking Outcomes

The following table provides a summary of the commercial disposal fees levied on (clean) concrete/bricks C&D waste during 2016/17 for selected medium-large Queensland Councils. The industry median charge is calculated at \$51.05 per tonne (inclusive of GST) within a range of \$15.00-\$167.00 per tonne. This is 8.8% lower than the 2015/16 median benchmark. For those adopting cubic metre fees, the median conversion factor applied to tonnage fees is 100%.

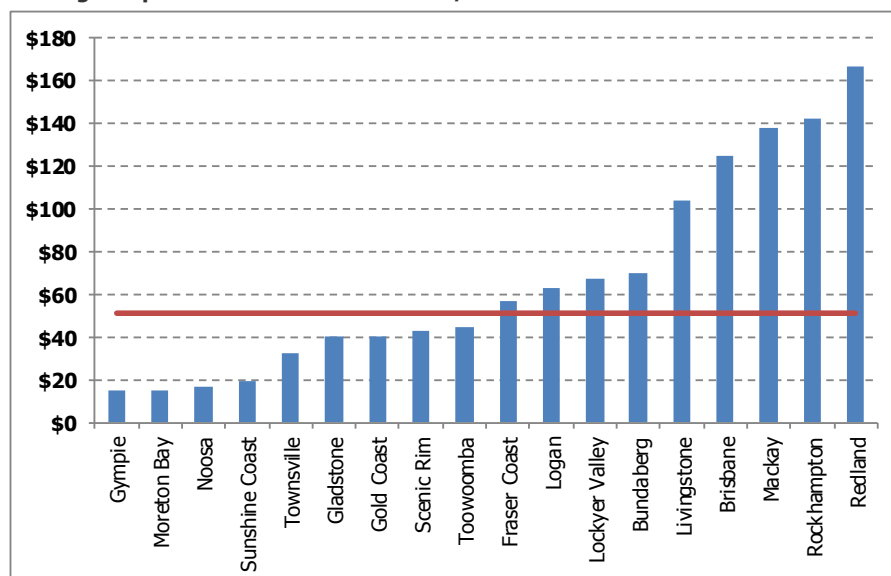
Concrete/Bricks C&D Waste Disposal Fee Benchmarking Outcomes

Council	CONCRETE/BRICKS WASTE		
	\$/t	\$/m3	\$/minimum
Brisbane	\$ 125.10		\$ 11.70
Bundaberg	\$ 70.00		\$ 23.00
Cairns			\$ 10.40
Fraser Coast	\$ 57.10	\$ 57.10	
Gladstone	\$ 40.00		\$ 10.00
Gold Coast	\$ 40.30	\$ 49.00	\$ 10.70
Gympie	\$ 15.00		
Ipswich	by quote		
Livingstone	\$ 104.00		
Lockyer Valley	\$ 67.00	\$ 28.00	
Logan	\$ 63.00		\$ 7.00
Mackay	\$ 138.00		\$ 13.00
Moreton Bay	\$ 15.00		\$ 15.00
Noosa	\$ 17.00	\$ 17.00	\$ 7.00
Redland	\$ 167.00		\$ 32.95
Rockhampton	\$ 142.00		
Scenic Rim	\$ 43.00	\$ 7.50	
Sunshine Coast	\$ 19.00	\$ 19.00	\$ 8.00
Toowoomba	\$ 45.00		
Townsville	\$ 32.00		
Industry Median	\$ 51.05	\$ 23.50	\$ 10.70
Industry Average	\$ 66.64	\$ 29.60	\$ 13.52
Industry Low	\$ 15.00	\$ 7.50	\$ 7.00
Industry High	\$ 167.00	\$ 57.10	\$ 32.95

Notes: **Mackay** – tonnage fee is as per Paget facility. **Bundaberg** – fee is as per Qunaba facility.

The following graph provides a graphical depiction of the benchmarking outcomes (excluding those Councils without a tonnage disposal fee).

Tonnage Disposal Fee Levied on Concrete/Bricks C&D Waste



3.2 Detailed Disposal Fee Information

The following table provides detailed information on prices charged during 2016/17 for the disposal of construction and demolition waste at landfill and transfer station sites for selected large Queensland Councils.

Construction and Demolition Waste Disposal Fees for Large Queensland Councils

Council	Charge Category	\$ (inc. GST)	Basis
Brisbane	Car – sedan/station wagon (<0.5t domestic only)	\$11.70	Each
	All other vehicles/trailer combinations (<4.5t RVGM) <=0.1t	\$11.80	Each
	All other vehicles/trailer combinations (<4.5t RVGM) 0.1-0.5t	\$27.90	Each
	All other vehicles/trailer combinations (<4.5t RVGM) >0.5t	\$125.10	Per tonne
	All other vehicles/trailer combinations (>=4.5t RVGM)	\$125.10	Per tonne
Bundaberg	<u>Domestic</u>		
	Car – sedan/station wagon	\$10.00	Each
	Utility/trailer	\$12.00	Each
	Light commercial vehicle ½ load	\$21.00	Each
	Light commercial Vehicle	\$37.00	Each
	<u>Commercial</u>		
	Qunaba – clean concrete	\$70.00 (min. \$23.00)	Per tonne
	Other facilities – clean concrete	\$82.50 (min. \$23.00)	Per tonne
	Qunaba – construction and demolition waste	\$98.00 (min. \$23.00)	Per tonne
Other facilities – construction and demolition waste	\$113.00 (min. \$23.00)	Per tonne	
Waste from outside of the region	\$180.00	Per tonne	
Cairns	<u>Domestic</u>		
	Car/station wagon/dual cab utility (240L bin, <0.5m ³)	\$11.20	Each
	Car+trailer/utility/van (0.5m ³ -1m ³)	\$22.40	Each
	Utility+trailer/tandem trailer (>1m ³)	\$33.10	Each
	<u>Commercial</u>		
	Treatable waste (Bedminster)	Sita Charge	Per tonne
	Car/station wagon/dual cab utility (240L bin, <0.5m ³)	\$10.40	Each
Car+trailer/utility/van (0.5m ³ -1m ³)	\$20.90	Each	
Utility+trailer/tandem trailer (>1m ³)	\$41.80	Each	
Fraser Coast	Clean concrete/bricks or rocks/bitumen/inert (weighed)	\$57.10	Per tonne
	Clean concrete/bricks or rocks/bitumen/inert (not weighed)	\$57.10	Per m ³
	Concrete/bricks mixed with other waste (weighed)	\$127.50	Per tonne
	Concrete/bricks mixed with other waste (not weighed)	\$127.50	Per m ³
Gladstone	Inert C&D – soil with concrete, rock, brick, bitumen (weighed)	\$50.00	Per tonne
	Inert C&D – soil with concrete, rock, brick, bitumen (not weighed)	\$25.00	Per m ³
	Recyclable concrete rubble (Gladstone)	\$40.00 (min. \$10.00)	Per tonne
	Recyclable concrete rubble (Benaraby)	Free	Per tonne
	Recyclable concrete rubble (no weighbridge)	\$35.00	Per m ³
	Unsorted (Benaraby)	\$140.00	Per tonne
	Unsorted (Gladstone)	\$225.00	Per tonne
Unsorted (Agnes Waters)	\$55.00	Per m ³	
Gold Coast	<u>Domestic Resident</u>		
	Car/van/utility/small trailer (2.1m x 1.5m x 0.6m)	Free	Free
	<u>Commercial (or exceeding domestic size limits)</u>		
	Concrete (weighed)	\$40.30 (min. \$10.70)	Per tonne
	Concrete (not weighed)	\$49.00 (min. \$10.70)	Per m ³
Fill soil/rubble (weighed)	\$96.90 (min. \$14.50)	Per tonne	
Fill soil/rubble (not weighed)	\$126.00 (min. \$14.50)	Per m ³	
Gympie	<u>Domestic</u>		
	Car/single axle trailer/ute/van	Free	Each
	Large dual axle trailer/small truck/utility+trailer	Free	Each
	<u>Commercial</u>		
	Concrete and masonry waste (<500mm length)	\$15.00	Per tonne
	Bulk-hard waste – car	\$7.00	Each
	Bulk-hard waste – single axle trailer/ute/van	\$17.00	Each
Bulk-hard waste – large dual axle trailer/small truck/utility+trailer	\$33.50	Each	
Ipswich <i>(Riverview facility)</i>	<u>Domestic Resident</u>		
	Vehicles (up to 0.5t)	\$10.00	Each
	Vehicles (>0.5t)	\$200.00	Per tonne
<u>Commercial/Non-Resident</u>			
General commercial and industrial waste	By quote	Per tonne	
Livingstone	Uncontaminated concrete – General public	\$104.00	Per tonne
	Uncontaminated concrete – Council	\$42.00	Per tonne
	Inert waste (soil/concrete/reinforcing steel mix)	\$120.00	Per tonne

Council	Charge Category	\$ (inc. GST)	Basis
Lockyer Valley	<u>Commercial</u>		
	Uncontaminated concrete – weighed Uncontaminated concrete – not weighed	\$67.00 \$28.00	Per tonne Per m ³
Logan	<u>Domestic Resident/Commercial</u>		
	Car (<0.75t or <2m ³)	\$7.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$12.00	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	\$18.00	Each
	Other vehicles or configurations (weighed)	\$63.00 (min. \$19.00)	Per tonne
	Extra load >2m ³ (not weighed)	\$63.00	Per m ³
	<u>Non-Resident</u>		
	Car (<0.75t or <2m ³)	\$12.00	Each
	Car+trailer/utility/van (<0.75t or <2m ³)	\$15.00	Each
	Utility+trailer/van+trailer (<0.75t or <2m ³)	\$25.00	Each
Other vehicles or configurations (weighed)	\$95.00 (min. \$19.00)	Per tonne	
Extra load >2m ³ (not weighed)	\$95.00	Per m ³	
Mackay	Paget C&D waste (weighed)	\$138.00 (min. \$13.00)	Per tonne
	Hogan's Pocket C&D waste (weighed)	\$108.00	Per tonne
Moreton Bay	<u>Domestic</u>		
	Domestic – 4 loads each year up to 0.5t per load	Free	Each
	<u>Commercial</u>		
	Concrete (weighed)	\$15.00 (min. \$15.00)	Per tonne
Sorted recyclable waste, e.g. timber (weighed)	\$68.00 (min. \$22.00)	Per tonne	
Any other C&D material (weighed)	\$128.00 (min. \$40.00)	Per tonne	
Noosa	Clean concrete/bricks or asphalt for recycling (weighed)	\$17.00	Per tonne
	Clean concrete/bricks or asphalt for recycling (not weighed)	\$17.00	Per m ³
	Any other C&D material (weighed)	\$140.00	Per tonne
	Any other C&D material (not weighed)	\$95.00	Per m ³
	C&D small (sedan boot, half trailer, <0.5m ³)	\$7.00	Each
	C&D medium (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$22.50	Each
	C&D large (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$45.00	Each
Redland	General C&D waste	\$167.00 (min. \$32.95)	Per tonne
Rockhampton	<u>Domestic</u>		
	Inert waste (soil/concrete/reinforcing steel mix)	\$86.90	Per tonne
<u>Commercial</u>			
Inert waste (soil/concrete/reinforcing steel mix)	\$142.00	Per tonne	
Scenic Rim <i>(central landfill only)</i>	<u>Domestic</u>		
	Weighed	\$38.00	Per tonne
	Not weighed >1m ³	\$7.00	Per m ³
	<u>Commercial</u>		
Weighed	\$43.00	Per tonne	
Not weighed	\$7.50	Per m ³	
Sunshine Coast	Clean concrete/bricks or asphalt for recycling (weighed)	\$19.00	Per tonne
	Clean concrete/bricks or asphalt for recycling (not weighed)	\$19.00	Per m ³
	Any other C&D material (weighed)	\$161.00	Per tonne
	Any other C&D material (not weighed)	\$104.00	Per m ³
	C&D small (sedan boot, half trailer, <0.5m ³)	\$8.00	Each
	C&D medium (2.0x1.0x0.5m trailer/utility tray, <1m ³)	\$23.00	Each
	C&D large (box trailer/van/utility+trailer, >1m ³ but <0.5t)	\$38.00	Each
Toowoomba	<u>Domestic</u>		
	Car/trailer/car+trailer/utility/van/utility+trailer/van+trailer	Free	Each
	All other vehicles	Free	Each
	<u>Commercial</u>		
Uncontaminated concrete/bitumen/asphalt	\$45.00	Per tonne	
Landfilled C&D	\$107.00 (min. \$9.50)	Per tonne	
Townsville	Clean concrete/bricks/pavers/tiles not requiring rock breaker	\$32.00	Per tonne
	Timber – untreated	\$68.00	Per tonne
	Clean asphalt/road base	Free	Per tonne
	Any other C&D material	\$88.00	Per tonne

Source: AEC, assorted service providers

BRISBANE

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

MELBOURNE

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

SYDNEY

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

BANGKOK

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

DARWIN

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

PERTH

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

TOWNSVILLE

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

SHANGHAI

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

aecgrouppltd.com

OUTCOME DRIVEN

