

Mason County Garbage Company, Inc. G-88
Dump Fee Calc References

Pickups:	Monthly Factor						
	1 unit	2 units	3 units	4 units	5 units	6 units	7 unit
5 Times per Week	21.67	43.33	65.00	86.67	108.33	130.00	151.67
4 Times per Week	17.33	34.67	52.00	69.33	86.67	104.00	121.33
3 Times per Week	13.00	26.00	39.00	52.00	65.00	78.00	91.00
2 Times per Week	8.67	17.33	26.00	34.67	43.33	52.00	60.67
Weekly Pickup (WG)	4.33	8.67	13.00	17.33	21.67	26.00	30.33
Every Other Week (EOWG)	2.17	4.33	6.50	8.67	10.83	13.00	15.17
Monthly (MG)	1.00	2.00	3.00	4.00	5.00	6.00	7.00

Meeks Weights	
Res'l	Pounds per Pickup
20 gal minican	20
1 can	34
2 cans	51
3 cans	77
4 cans	97
5 cans	117
6 cans	157
35 gallon cart	37 *
48 gallon cart	48 Equal to 1.5 cans
Supercan 64	51 Equal to 2 cans
Supercan 94	77 Equal to 3 cans
Once a month	34
Extras	34
Com'l	
Cans	29
1 yd container	175
1.5 yd container	250
2 yd container	324
3 yd container	473
4 yd container	613
6 yd container	840
8 yd container	980
1 yd packer/compactor	482 *
1.5 yd packer/compactor	689 *
2 yd packer/compactor	892 *
3 yd packer/compactor	1,301
4 yd packer/compactor	1,686
5 yd packer/compactor	2,046
6 yd packer/compactor	2,310
8 yd packer/compactor	2,800 *
Yards	125

* not on meeks - calculated by staff

Mason County	Per Ton	Per Pound		Gross Up Factors
Current Rate	\$ 93.45	\$ 0.047		B&O tax 0.015000
New Rate per ton	\$ 96.16	\$ 0.048		WUTC fees 0.004275
Increase/(Decrease)	\$ 2.71	\$ 0.001355	2.90%	Bad Debts
	2.9%			Total 1.9275%
				Factor 98.07%

Increase per ton \$ 2.71
Grossed Up Increase per ton \$ 2.76
Tons Collected 7,794 from TG-121791 (Most recent rate case)
Disposal Fee Revenue Increase/(Decrease) \$ 21,537.26

Company Proposed Rates	Res'l & Com'l
Revenue Inc from Co Proposed Rates	\$ 21,775.05
Collected Revenue Excess/(Deficiency)	\$ 237.79

Olympia-Tumwater, WA Economy at a Glance:

Data Series	Back Data	May 2017	June 2017	July 2017	Aug 2017	Sept 2017	Oct 2017
Labor Force Data							
Civilian Labor Force(1)	132.8	133.1	135.1	134.3	135.7		
Employment(1)	120.5	120.9	123.8	123.2	129.6		
Unemployment(1)	6.3	6.2	6.3	6.2	6.1		
Unemployment Rate(2)	4.7	4.6	4.7	4.6	4.5		
Nonfarm Wage and Salary Employment							
Total Nonfarm(3)	116.6	116.7	116.0	115.5	116.1		
12-month % change	3.4	3.2	2.7	2.7	1.2		
Mining, Logging, and Construction(3)	5.5	5.5	5.8	5.8	5.9		
12-month % change	7.8	5.8	7.4	7.4	11.3		
Manufacturing(3)	3.5	3.5	3.5	3.5	3.5		
12-month % change	2.9	0.0	0.0	0.0	0.0		
Trade, Transportation, and Utilities(3)	18.5	18.4	18.6	18.9	18.8		
12-month % change	2.2	1.1	1.6	2.7	0.0		
Professional and Business Services(3)	12.1	12.3	11.7	12.0	11.9		
12-month % change	4.3	7.9	0.9	3.4	-4.0		
Leisure and Hospitality(3)	11.0	11.0	10.9	10.8	10.9		
12-month % change	4.8	2.8	0.0	-0.9	1.9		
Government(3)	39.0	38.9	38.5	37.5	38.0		
12-month % change	2.1	2.1	2.9	1.8	1.1		
Consumer Price Index: West urban							
CPI-U, All items(4)	254.380	254.469	254.708	255.282	256.604	257.223	
CPI-U, All items, 12-month % change(4)	2.6	2.5	2.5	2.7	2.9	2.9	
CPI-W, All items(5)	248.096	248.155	248.373	248.678	248.379	248.883	
CPI-W, All items, 12-month % change(5)	2.6	2.4	2.5	2.8	3.0	3.0	



Comment	Scheduled Service	Tariff Page	Monthly Customers from TG-121791	Monthly Frequency	Annual PU's	Meeks Weights	Calculated Annual Pounds	Adjusted Annual Pounds	Increase/ (Decrease)	Gross Up	Tariff Rate		Company		Company Current Revenue	Company Proposed Revenue	Company Increased/(Decreased) Revenue	Revised Tariff Rate
											Increase	Current Tariff	Calculated Rate	Proposed Tariff				
	96-gal cart Special PU			1.00	12	77	924	714	\$ 0.97	\$ 0.99	\$ 0.08	\$ 18.20	\$ 18.28	\$ 18.28				
	Extra Yardage			1.00	12	125	1,500	1,160	\$ 1.57	\$ 1.60	\$ 0.13	\$ 15.68	\$ 15.81	\$ 15.81				
	Note 2 - Each Addn'l Unit			1.00	12	29	348	269	\$ 0.36	\$ 0.37	\$ 0.03	\$ 4.65	\$ 4.68	\$ 4.68				
	Note 3 - Monthly Min.		-	4.33	52	29	1,508	1,166	\$ 1.58	\$ 1.61	\$ 0.13	\$ 18.60	\$ 18.73	\$ 18.73				
	Note 4 - Grouped Cans			1.00	12	29	348	269	\$ 0.36	\$ 0.37	\$ 0.03	\$ 3.96	\$ 3.99	\$ 3.99				
	Note 4 - Non-Grouped Cans			1.00	12	29	348	269	\$ 0.36	\$ 0.37	\$ 0.03	\$ 4.29	\$ 4.32	\$ 4.32				
	Note 5 - 35 Gal Mo. Min		-	4.33	52	37	1,924	1,487	\$ 2.02	\$ 2.05	\$ 0.17	\$ 19.91	\$ 20.08	\$ 20.08				
	Note 5 - 48 Gal Mo. Min		-	4.33	52	48	2,496	1,929	\$ 2.61	\$ 2.67	\$ 0.22	\$ 23.44	\$ 23.66	\$ 23.66				
	Note 5 - 64 Gal Mo. Min		-	4.33	52	51	2,652	2,050	\$ 2.78	\$ 2.83	\$ 0.24	\$ 27.75	\$ 27.99	\$ 27.99				
	Note 5 - 96 Gal Mo. Min		-	4.33	52	77	4,004	3,095	\$ 4.19	\$ 4.28	\$ 0.36	\$ 34.62	\$ 34.98	\$ 34.98				

Adjustment Factor Calculation

	Total
Total Tonnage	7,794.00
Total Pounds	15,588,000
Total Pick Ups	355,112
Adjustment factor	77.30%

Legend
Not on Meeks
Note

Mason County Disposal Increase

Residential Service	Current	Proposed	
	Tariff Rate	Proposed Increase	Rate Effective 1-1-2018
Residential Cans:			
Item 55, page 16			
			Mason
Over-weight cans	4.42	0.04	4.46
Item 100, pg 21			
			Mason
1 can	15.61	0.16	15.77
2 can	23.33	0.24	23.57
3 can	31.47	0.36	31.83
4 can	40.36	0.45	40.81
5 can	48.28	0.54	48.82
6 can	56.07	0.73	56.80
45-gallon can	20.99	0.22	21.21
1 can every-other-week	8.94	0.08	9.02
2 can every-other-week	14.36	0.12	14.48
1 can once-per-month	4.94	0.04	4.98
Mini	13.16	0.09	13.25
Automated Service:			
35-gallon tote	17.92	0.17	18.09
48-gallon tote	22.75	0.22	22.97
64-gallon tote	27.85	0.24	28.09
96-gallon tote	34.62	0.36	34.98
35-gal tote every-other-week	10.67	0.09	10.76
48-gal tote every-other-week	14.12	0.11	14.23
64-gal tote every-other-week	16.87	0.12	16.99
96-gal tote every-other-week	21.08	0.18	21.26
35-gal tote once-per-month	6.36	0.04	6.40
48-gal tote once-per-month	7.97	0.05	8.02
64-gal tote once-per-month	9.42	0.05	9.47
96-gal tote once-per-month	11.59	0.08	11.67
Item 100, pg 22			
			Mason
Occasional extra unit (All Sizes)	4.42	0.04	4.46
32 gal can on call	4.94	0.04	4.98
35-gal tote on call	6.36	0.04	6.40
48-gal tote on call	7.97	0.05	8.02
64-gal tote on call	9.42	0.05	9.47
96-gal tote on call	11.59	0.08	11.67
Item 120, pg 28			
			Mason
Drum	14.54	0.05	14.59
Special PU	19.70	0.05	19.75
Item 130, pg 28			
			Mason
Litter Toter, per pu	4.83	0.05	4.88
Litter Toter, per month (Min.)	20.61	0.24	20.85
Item 150, pg 28			
			Mason
Bulky	27.48	0.13	27.61
Loose	27.48	0.13	27.61
Additional yard (Bulky/Loose)	27.48	0.13	27.61
Minimum (Bulky/Loose)	31.22	0.13	31.35

Mason County Disposal Increase

Residential Service	Current	Proposed	
	Tariff Rate	Proposed Increase	Rate Effective 1-1-2018
Item 207, pg 32			
Mason			
All container per yard	15.68	0.13	15.81
All Drop boxes per yard	15.68	0.13	15.81

Item 230, pg 34			
Mason			
Solid Waste (per ton)	93.45	2.71	96.16
Minimum Fee	15.16	0.44	15.60
Demolition Waste	93.45	2.71	96.16

Appliances - each (white goods, couch, chairs, TV, & Mattresses)	5.07	0.15	5.22
Refrigerators	10.09	0.29	10.38
Tires (no rim)	3.02	0.09	3.11
Tires (with rim)	5.07	0.15	5.22
Batteries	1.54	0.04	1.58

Commercial Service

Item 240, pg 35			
Mason			
1 yard pickup (first, additional, temp)	16.87	0.19	17.06
1.5 yard (first, additional, temp)	18.57	0.27	18.84
2 yard (first, additional, temp)	24.55	0.35	24.90
Note 4 (extras)	15.68	0.13	15.81

Item 245, pg 36			
Mason			
1 can	4.29	0.03	4.32
35-gal cart	4.64	0.04	4.68
48-gal cart	5.47	0.05	5.52
64-gal cart	6.48	0.05	6.53
96-gal cart	8.09	0.08	8.17

Special PU			
1 can	13.22	0.03	13.25
35-gal cart	14.75	0.04	14.79
48-gal cart	15.58	0.05	15.63
64-gal cart	16.59	0.05	16.64
96-gal cart	18.20	0.08	18.28
Note 2 (Addn'l can)	4.65	0.03	4.68
Note 3 (Monthly Min.)	18.60	0.13	18.73
Note 4 (extra receptacles)	3.96	0.03	3.99
Note 4 (receptacles not placed toget)	4.29	0.03	4.32
Note 5 (Automated Carts Monthly Min.)			
35-gal cart	19.91	0.17	20.08
48-gal cart	23.44	0.22	23.66
64-gal cart	27.75	0.24	27.99
96-gal cart	34.62	0.36	34.98

Mason County Garbage
Mason County DF Increase
Effective 1/1/2017

	No. of Customers from TG-121791	Pickup Frequency	Annual Pick- Up's
RESIDENTIAL - Mason			
1-20 gal Mini Can Wkly	14	4.33	728
1-32 gal Can Wkly	2,338	4.33	121,576
2-32 g Can Wkly	457	4.33	23,764
3-32 g Can Wkly	32	4.33	1,664
4-32 g Can Wkly	4	4.33	208
5-32 g Can Wkly	1	4.33	52
6-32 g Can Wkly	2	4.33	104
1-35 gal Cart Wkly	774	4.33	40,248
1-45 gal Cart Wkly	500	4.33	26,000
2-45 gal Cart Wkly	22	4.33	1,144
1-48 gal Cart Wkly	299	4.33	15,548
1-64 gal Cart Wkly	261	4.33	13,572
1-96 gal Cart Wkly	77	4.33	4,004
1-32 gal Can EOW	1,451	2.17	37,726
2-32 g Can EOW	139	2.17	3,614
1-35 gal Cart EOW	469	2.17	12,194
1-48 gal Cart EOW	104	2.17	2,704
1-64 gal Cart EOW	92	2.17	2,392
1-96 gal Cart EOW	32	2.17	832
1-32 gal Can Monthly	215	1.00	2,580
1-35 gal Cart Monthly	63	1.00	756
1-48 gal Cart Monthly	4	1.00	48
1-64 gal Cart Monthly	4	1.00	48
1-96 gal Cart Monthly	6	1.00	72
1-32 gal Can On Call Svc	267	1.00	3,204
1-35 gal Cart On Call Svc	98	1.00	1,176
1-48 gal Cart On Call Svc	12	1.00	144
1-64 gal Cart On Call Svc	15	1.00	180
1-96 gal Cart On Call Svc	6	1.00	72
Oversized Cans	-	1.00	-
Extra Can, Bag, Box etc	1,019	1.00	12,228
Extra Pickup	96	1.00	1,152
Sub Total	8,873		329,734

	No. of Customers from TG-121791	Pickup Frequency	Annual Pick- Up's
COMMERCIAL - Mason			
Extra Can	141	1.00	1,692
1 Yard Wkly	1	4.33	52
1.50 Yard Wkly	75	4.33	3,900
2 Yard Wkly	231	4.33	12,012
1 Yard EOW	7	2.17	182
1.50 Yard EOW	181	2.17	4,706
2 Yard EOW	109	2.17	2,834
Sub Total	745		25,378
TOTAL Mason			
NO CUSTOMERS - Mason			
Oversized Can	-	1.00	12
Drum	-	1.00	12
Drum - Special Pick-Up	-	1.00	12
Litter Toter, per pu	-	1.00	12
Litter Toter, per month	-	4.33	52
Extra Yardage	-	1.00	12
Commercial Cans - No Cust			
1 can	-	1.00	12
35-gal cart	-	1.00	12
48-gal cart	-	1.00	12
64-gal cart	-	1.00	12
96-gal cart	-	1.00	12
Note 2 - Each Addn'l Unit	-	1.00	12
Note 3 - Monthly Min.	-	4.33	52
Note 4 - Grouped Cans	-	1.00	12
Note 4 - Non-Grouped Cans	-	1.00	12
Note 5 - 35 Gal Mo. Min	-	4.33	52
Note 5 - 48 Gal Mo. Min	-	4.33	52
Note 5 - 64 Gal Mo. Min	-	4.33	52
Note 5 - 96 Gal Mo. Min	-	4.33	52