PUBLIC WORKS SUBCOMMITTEE AGENDA

SUBCOMMITTEE MEMBERS

LARRY McCALLON, MEMBER
JOHN TIMMER, MEMBER

April 14, 2020
10:00 a.m.
Upright Conference Room
Highland City Hall
27215 Base Line
Highland, California

SPECIAL NOTICE REGARDING COVID-19

Pursuant to Governor Newsom's Executive Order N-25-20, members of the Highland City Council/Subcommittee members or staff may participate in this meeting via a teleconference in the interest of maintaining appropriate social distance. Highland City Council Members/Subcommittee Members are not required to attend in person.

In an effort to protect public health and prevent the spread of COVID-19, the City of Highland encourages the public to listen to the Subcommittee meeting by dialing (978) 990-5000. When prompted for the Access Code, press 360803#. This will allow the public to listen to the meeting in real time.

Submission of Public Comments: For those wishing to make public comments at the April 14, 2020 Public Works Subcommittee meeting, please submit your comments by email to be read aloud at the meeting by staff. Email comments must be submitted by 9:00 a.m. on April 14, 2020 to publiccomment@cityofhighland.org. Please identify the agenda item in the subject line. Staff shall read all email comments received before 9:00 a.m., provided that the reading shall not exceed three (3) minutes because this is the time limit for speakers at a Council Meeting. The email comments submitted shall become part of the record of the Subcommittee meeting.

CITY OF HIGHLAND MISSION STATEMENT

Highland is dedicated to the betterment of the individual, the family, the neighborhood and the community. The City Council and the staff of Highland are dedicated to providing the quality of public facilities and services that its citizens are willing to fund and will do so as efficiently as possible.

Visit the City's Website at: www.cityofhighland.org

THE CITY OF HIGHLAND COMPLIES WITH THE AMERICANS WITH DISABILITIES ACT OF 1990. IF YOU REQUIRE SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CALL THE CITY CLERK'S OFFICE AT (909) 864-8732, EXT. 226 AT LEAST 48 HOURS PRIOR TO THE MEETING.

Any disclosable public records related to an open session item on a regular meeting agenda and distributed by the City of Highland to all or a majority of the [legislative or other body] less than 72 hours prior to that meeting are available for public inspection at Highland City Hall, 27215 Base Line, Highland, during normal business hours.

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Larry McCallon, Member

John Timmer, Member

PUBLIC WORKS SUBCOMMITTEE

April 14, 2020 – 10:00 a.m.

CALL TO ORDER

PUBLIC COMMENT

1. Review Minutes of January 28, 2020 Meeting
   ACTION:

2. Solid Waste Rates (Attachment)
   ACTION:

ADJOURN

I, Elena Rodrigues, Administrative Assistant III, of the City of Highland, California, certify that I caused to be posted this Agenda on the 9th day of April 2020 by 5:30 p.m. on our website at www.cityofhighland.org and in the following designated areas:

City Hall	Highland Branch Library	Highland Fire Station No. 1
27215 Base Line	7863 Central Avenue	26974 Base Line

Elena Rodrigues

Elena Rodrigues, Administrative Assistant III

MINUTES
PUBLIC WORKS SUBCOMMITTEE
January 28, 2020 – 5:00 p.m.

CALL TO ORDER

The regular meeting of the Public Works Subcommittee of the City of Highland was called to order at 5:00 p.m. at the Upright Conference Room, 27215 Base Line, Highland, California.

ROLL CALL

Present: McCallon, Timmer
Absent: None

ITEMS

1. Review Minutes of April 25, 2019 Meeting
   - Minutes were approved as submitted

2. Bond Release for Tract 16745
   - Record release for tract

ADJOURN

There being no further business the meeting was adjourned at 5:04 p.m.

Submitted by:

Elena Rodrigues

Elena Rodrigues, Administrative Assistant III

Approved by:

Subcommittee Member

ATTACHMENTS

1. Letter dated February 28, 2020 from Burrtec Waste Industries to City of Highland requesting a Refuse Rate Adjustment

2. Proposed 2020 Rate Sheets

3. Summary of Residential Refuse, Recycling and Greenwaste Tonnage and Costs

4. 2020 Rate Survey

5. Excerpt of City of Rancho Cucamonga Solid Waste Consultant's R3 report regarding appropriateness of Burrtec's Recycling Tipping Fees

ATTACHMENT 1

BURRTEC
WASTE INDUSTRIES, INC.
"We'll Take Care Of It"

February 28, 2020

Melissa Morgan
Public Services Manager
City of Highland
27215 Base Line
Highland, California 92346
mmorgan@cityofhighland.org

Re: Refuse Rate Adjustment 2020

Ms. Morgan,

Burrtec Waste Industries is respectfully requesting the Annual Adjustment for Residential and Commercial Refuse Collection Rates for fiscal year 2020 / 2021 as per Exhibit "A" of the Revised and Restated Solid Waste Franchise Agreement Between the City of Highland, and Burrtec Waste Industries Inc.

Attached is the proposed rate schedule based on adjustments in CPI, Disposal and Processing made in accordance with the provisions outlined in Exhibit "A" City of Highland Solid Waste Collection Rates and once approved will be effective July 1, 2020.

On behalf of Burrtec Waste Industries, we thank you and the City for your continued support and the opportunity to serve the City of Highland. If there are any questions or concerns please contact me at your earliest convenience.

Sincerely,

Michael Arreguin
Vice President

CC: Mr. Joe Hughes, City Manager

9890 Cherry Avenue • Fontana, California 92335 • 909-429-4200 • FAX 909-429-4290

ATTACHMENT 2

City of Highland
Rate Components
Residential Curbside Service

Option 1

Basic Service and Multiple Units (First Unit) Components	Gen'l Ref	Current 2019 Rate Eff. 7-1-19	Proposed 2020 Rate Eff. 7-1-20	*Proposed 7/1/20 Rate H/(L) 2019*
Operator Fee	(1)	$ 15.69	$ 16.22	
Streetsweeping - 4x/month	(1)&(7)	0.24	-	
Disposal				
Refuse	(2)	$ 3.48	$ 3.68	
Greenwaste	(3)	2.48	2.74	
Recycling	(4)	1.03	1.70	
Total Disposal		$ 6.99	$ 8.12	
Franchise Fees	(5)	$ 2.66	$ 2.86	
HazMat Fees	(6)	0.33	0.36	
Pavement Impact Fees	(8)	0.73	1.00	
Total		$ 26.64	$ 28.55	*$ 1.91*
Senior Rate (80% of Standard)		$ 21.31	$ 22.84	*$ 1.53*

Multiple Units (Second Units) Components		Current 2019 Rate Eff. 7-1-19	Proposed 2020 Rate Eff. 7-1-20	*Proposed 7/1/20 Rate H/(L) 2019*
Operator Fee	(1)	$ 15.37	$ 15.89	
Streetsweeping - 4x/month	(1)&(7)	0.24	-	
Disposal				
Refuse	(2)	$ 3.48	$ 3.68	
Greenwaste	(3)	2.48	2.74	
Recycling	(4)	1.03	1.70	
Total Disposal		$ 6.99	$ 8.12	
Franchise Fees	(5)	$ 2.63	$ 2.82	
HazMat Fees	(6)	0.33	0.35	
Pavement Impact Fee	(8)	0.72	0.99	
Total		$ 26.28	$ 28.16	*$ 1.88*

Footnotes:

(1) CPI

	2017 - 2018	2018-2019
July - June Average	3.48%	3.40%

(2) **Refuse**

	2019	2020
lbs/house/week	40.65	43.44
Disposal p/ton (WDA)	$ 39.55	$ 39.12

(3) **Greenwaste**

	2019	2020
lbs/house/week	22.88	24.54
Disposal p/ton (Agua Mansa)	$ 50.09	$ 51.60

(4) **Recycling**

	2019	2020
lbs/house/week	12.12	12.45
Processing Fee p/ton	$ 39.19	$ 63.08

(5) Calculated at 10.00% of total rate.

(6) Calculated at 1.25% of total rate.

(7) For 2018, The streetsweeping rate was reduced by 50% (after increasing by the CPI), Another 50% reduction in 2019 & to zero in 2020.

(8) The pavement impact fee is a new fee paid to the city beginning in 2018 which offsets the streetsweeping cost reductions (50 cents). This calculates out at 2% of the total rate. Per the contract, rate is "as adjusted by City". There is no specific % increase.

For 2019, the pavement impact fee will increase by the same amount as what the streetsweeping fee decreases by. 2019 increase of 23 cents was adjusted by (1) cent to correct 2018 increase. Calculates out at 2.75% of total rate.

For 2020, the pavement impact fee increased by the Streetsweeping decrease plus CPI. Calculates out at 3.50% of total rate.

City of Highland
Rate Components
Residential Curbside Service

Option 2

Basic Service and Multiple Units (First Unit) Components	Gen'l Ref	Current 2019 Rate Eff. 7-1-19	Proposed 2020 Rate Eff. 7-1-20	*Proposed 7/1/20 Rate H/(L) 2019*
Operator Fee	(1)	$ 15.69	$ 16.22	
Streetsweeping - 4x/month	(1)&(7)	0.24	-	
Disposal				
Refuse	(2)	$ 3.48	$ 3.68	
Greenwaste	(3)	2.48	2.74	
Recycling	(4)	1.03	1.70	
Total Disposal		$ 6.99	$ 8.12	
Franchise Fees	(5)	$ 2.66	$ 2.83	
HazMat Fees	(6)	0.33	0.35	
Pavement Impact Fees	(8)	0.73	0.78	
Total		$ 26.64	$ 28.30	*$ 1.66*
Senior Rate (80% of Standard)		$ 21.31	$ 22.64	*$ 1.33*

Multiple Units (Second Units) Components	Gen'l Ref	Current 2019 Rate Eff. 7-1-19	Proposed 2020 Rate Eff. 7-1-20	*Proposed 7/1/20 Rate H/(L) 2016*
Operator Fee	(1)	$ 15.37	$ 15.89	
Streetsweeping - 4x/month	(1)&(7)	0.24	-	
Disposal				
Refuse	(2)	$ 3.48	$ 3.68	
Greenwaste	(3)	2.48	2.74	
Recycling	(4)	1.03	1.70	
Total Disposal		$ 6.99	$ 8.12	
Franchise Fees	(5)	$ 2.63	$ 2.79	
HazMat Fees	(6)	0.33	0.35	
Pavement Impact Fee	(8)	0.72	0.77	
Total		$ 26.28	$ 27.92	*$ 1.64*

Footnotes:

(1) CPI

	2017 - 2018	2018-2019
July - June Average	3.48%	3.40%

(2) **Refuse**

	2019	2020
lbs/house/week	40.65	43.44
Disposal p/ton (WDA)	$ 39.55	$ 39.12

(3) **Greenwaste**

	2019	2020
lbs/house/week	22.88	24.54
Disposal p/ton (Agua Mansa)	$ 50.09	$ 51.60

(4) **Recycling**

	2019	2020
lbs/house/week	12.12	12.45
Processing Fee p/ton	$ 39.19	$ 63.08

(5) Calculated at 10.00% of total rate.

(6) Calculated at 1.25% of total rate.

(7) For 2018, The streetsweeping rate was reduced by 50% (after increasing Another 50% reduction in 2019 & to zero in 2020.

(8) The pavement impact fee is a new fee paid to the city beginning in 2018 which offsets the streetsweeping cost reductions (50 cents). This calculates out at 2% of the total rate. Per the contract, rate is "as adjusted by City". There is no specific % increase.

For 2019, the pavement impact fee will increase by the same amount as what the streetsweeping fee decreases by. 2019 increase of 23 cents was adjusted by (1) cent to correct 2018 increase. Calculates out at 2.75% of total rate.

For 2020 option 2, the pavement impact fee increase will remain at the same 2.75% as was used in the 7/1/19 rate.

City of Highland
Summary of Residential Refuse/Greenwaste Tonnage
1/1/19-12/31/19

	Residential Refuse		
	Routed	Bulky	Total
Dec-19	14,789.13	-	14,789.13
	14,789.13	-	14,789.13
Customer	13,096		
Extra bbls	383		
Total barrels	13,479		
lbs/cust/wk	43.44		
lbs/all brls/wk	42.20		
tons/cust/yr	1.1293		
tons/all brls/yr	1.0972		

	Residential Recycling			
	Recycling	Residue	Recovered	
Dec-19	4,225.94	1,237.86	2,988.08	*29.29%*
	4,225.94	1,237.86	2,988.08	
Customer	13,058	13,058	13,058	
Extra bbls	70	70	70	
Total barrels	13,127	13,127	13,127	
lbs/cust/wk	12.45	3.65	8.80	
lbs/all brls/wk	12.38	3.63	8.75	
tons/cust/yr	0.3236	0.0948	0.2288	
tons/all brls/yr	0.3219	0.0943	0.2276	

	Residential Greenwaste
Dec-19	8,224.59
	8,224.59
Customer	12,892
Extra bbls	210
Total barrels	13,102
lbs/cust/wk	24.54
lbs/all brls/wk	24.14
tons/cust/yr	0.6380
tons/all brls/yr	0.6278

MRF Revenue	$	(2,103.27)	
DOC-current yr	$	(11,650.86)	
DOC prior yr	$	(11,460.53)	
Residue	$	73,389.82	
Processing	$	218,408.94	
Total Net Cost	$	266,584.10	with DOC

							Broker Fee		Net Cost		
Per Cust/with DOC	$	1.70	Per Ton	$	63.08	$	-	$	**63.08**	$	1.70
Per Cust/without DOC	$	1.85	Per Ton	$	68.55	$	-	$	68.55	$	1.85

City of Highland
Rate Components
Commercial Refuse and Recycling Barrel Service

		Current 2019 Rate Components 7/1/19									Proposed 2020 Rate Components 7/1/20									Proposed Rate 2020 H/(L) 2019
Barrel Size	Freq	Service CPI 3.48%	Compliance Fee to Burrtec	lbs/wk 87.00 $ 39.55 Disposal	Recycling Rebate (1)	Streetsweep 4x/month	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Compliance Fee to Burrtec	lbs/wk 87.00 $ 39.12 Disposal	Recycling Rebate (1)	Streetsweep 4x/month	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	
96g	1	25.33	0.31	7.46	1.03	4.46	(2.09)	4.12	0.51	$41.13	26.19	0.31	7.37	1.70	4.61		4.52	$0.57	45.27	*$4.14*
		Extra Trash Barrel: 10.08		7.46	0.00	0.00	0.91	2.08	0.26	$20.79	Extra Trash Barrel: 10.42		7.37	0.00	0.00	0.66	2.08	0.26	20.79	*$0.00*
		Extra Recycling Barrel: 10.08		0.00	1.03	0.00	(1.05)	1.14	0.14	$11.34	Extra Recycling Barrel: 10.42		0.00	1.70	0.00		1.37	0.17	13.66	*$2.32*

(1) From Residential Basic Service rate

(1) From Residential Basic Service rate

City of Highland
Rate Components
Commercial Compactor Bin Service

		Current 2019 Rate Components 7/1/19									Proposed 2020 Rate Components 7/1/20									*Proposed*
Bin Size	Freq	Service CPI 3.48%	Fee per Yard 0.15 Compliance Fee	300.00 $ 39.55 Disposal	Streetsweep 4x/month $ 1.05 per yard	$ 1.98 Per Yard Recycling	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Yard 0.15 Compliance Fee	300.00 $ 39.12 Disposal	Streetsweep 4x/month $ 1.09 per yard	$ 2.78 Per Yard Recycling	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Rate 2020 H/(L) 2019*
2	1	129.60	1.30	51.42	9.10	17.16	(12.84)	22.05	2.76	$220.55	134.01	1.30	50.86	9.45	24.09	0.00	24.76	3.09	$247.56	*$27.01*
2	2	170.35	2.60	102.83	18.20	34.32	(22.98)	34.40	4.30	$344.02	176.14	2.60	101.71	18.89	48.19	0.00	39.16	4.89	$391.58	*$47.56*
2	3	210.19	3.90	154.25	27.30	51.48	(33.11)	46.65	5.83	$466.49	217.34	3.90	152.57	28.34	72.28	0.00	53.46	6.68	$534.57	*$68.08*
2	4	245.88	5.20	205.66	36.40	68.64	(43.10)	58.44	7.31	$584.43	254.24	5.20	203.42	37.79	96.37	0.00	67.27	8.41	$672.70	*$88.27*
2	5	281.66	6.50	257.08	45.50	85.80	(53.10)	70.25	8.78	$702.47	291.24	6.50	254.28	47.23	120.47	0.00	81.09	10.14	$810.95	*$108.48*
2	6	317.61	7.80	308.49	54.60	102.96	(63.10)	82.07	10.26	$820.69	328.41	7.80	305.14	56.68	144.56	0.00	94.94	11.87	$949.40	*$128.71*
2	7	354.43	9.10	359.91	63.70	120.12	(93.60)	91.68	11.46	$916.80	366.48	9.10	355.99	66.13	168.65	0.00	108.89	13.61	$1,088.85	*$172.05*
3	1	138.33	1.95	77.12	13.65	25.74	(17.55)	26.96	3.37	$269.57	143.03	1.95	76.28	14.17	36.14	0.00	30.60	3.82	$305.99	*$36.42*
3	2	174.43	3.90	154.25	27.30	51.48	(32.04)	42.74	5.34	$427.40	180.36	3.90	152.57	28.34	72.28	0.00	49.29	6.16	$492.90	*$65.50*
3	3	210.48	5.85	231.37	40.95	77.22	(46.50)	58.52	7.32	$585.21	217.64	5.85	228.85	42.51	108.42	0.00	67.97	8.50	$679.74	*$94.53*
3	4	246.97	7.80	308.49	54.60	102.96	(60.97)	74.35	9.29	$743.49	255.37	7.80	305.14	56.68	144.56	0.00	86.71	10.84	$867.10	*$123.61*
3	5	282.74	9.75	385.61	68.25	128.70	(75.43)	90.10	11.26	$900.98	292.35	9.75	381.42	70.85	180.70	0.00	105.36	13.17	$1,053.60	*$152.62*
3	6	318.82	11.70	462.74	81.90	154.44	(89.90)	105.88	13.24	$1,058.82	329.66	11.70	457.70	85.02	216.84	0.00	124.04	15.51	$1,240.47	*$181.65*
3	7	354.92	13.65	539.86	95.55	180.18	(134.45)	118.29	14.78	$1,182.77	366.99	13.65	533.99	99.19	252.98	0.00	142.74	17.84	$1,427.38	*$244.61*
4	1	148.16	2.60	102.83	18.20	34.32	(22.30)	31.98	4.00	$319.79	153.20	2.60	101.71	18.89	48.19	0.00	36.58	4.57	$365.74	*$45.95*
4	2	186.28	5.20	205.66	36.40	68.64	(41.30)	51.93	6.49	$519.30	192.61	5.20	203.42	37.79	96.37	0.00	60.33	7.54	$603.26	*$83.96*
4	3	223.53	7.80	308.49	54.60	102.96	(60.26)	71.79	8.97	$717.88	231.13	7.80	305.14	56.68	144.56	0.00	83.98	10.50	$839.79	*$121.91*
4	4	260.73	10.40	411.32	72.80	137.28	(79.23)	91.64	11.45	$916.39	269.59	10.40	406.85	75.57	192.75	0.00	107.63	13.45	$1,076.24	*$159.85*
4	5	298.86	13.00	514.15	91.00	171.60	(98.23)	111.59	13.95	$1,115.92	309.02	13.00	508.56	94.47	240.93	0.00	131.38	16.42	$1,313.78	*$197.86*
4	6	336.96	15.60	616.98	109.20	205.92	(117.21)	131.55	16.44	$1,315.44	348.42	15.60	610.27	113.36	289.12	0.00	155.13	19.39	$1,551.29	*$235.85*
4	7	374.63	18.20	719.81	127.40	240.24	(175.94)	146.97	18.37	$1,469.68	387.37	18.20	711.98	132.25	337.31	0.00	178.83	22.35	$1,788.29	*$318.61*

City of Highland
Rate Components
Rolloff and T-Bins

	Current 2019 Rate Components 7/1/19								Proposed 2020 Rate Components 7/1/20							
	Service CPI 3.48%	Fee per Load $2.75 Compliance Fee	$ 39.55 Disposal	$ 12.00 SBC CDSDP Fee	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Load $2.75 Compliance Fee	$ 39.12 Disposal	$ 12.00 SBC CDSDP Fee	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Proposed Rate 2020 H/(L) 2019*
T-Bins - 3 yd	60.72		35.60	0.00	(2.97)	10.52	1.31	$105.18	62.78		35.21	0.00	11.04	1.38	$110.41	*$5.23*
T-Bins - extra dump	22.12		35.60	0.00	(1.94)	6.28	0.79	$62.85	22.87		35.21	0.00	6.54	0.82	$65.44	*$2.59*
Compactor (Max 7 tons)	212.34	2.75	276.85	84.00	(16.06)	63.08	7.89	$630.85	219.56	2.75	273.84	84.00	65.37	8.17	$653.69	*$22.84*
Rolloff - 40 yard (Max 5 tons)	212.34	2.75	197.75	60.00	(13.87)	51.72	6.46	$517.15	219.56	2.75	195.60	60.00	53.85	6.73	$538.49	*$21.34*
Rolloff - 20 yard (Max 5 tons)	212.34	2.75	197.75	60.00	(13.87)	51.72	6.46	$517.15	219.56	2.75	195.60	60.00	53.85	6.73	$538.49	*$21.34*
Demo Box (Max 7 tons)	212.34	2.75	276.85	84.00	(16.06)	63.08	7.89	$630.85	219.56	2.75	273.84	84.00	65.37	8.17	$653.69	*$22.84*
C&D 10 yard through 40 yard	212.34	2.75	Actual		(8.38)	23.29	2.91	$232.91	219.56	2.75	Actual		25.05	3.13	$250.49	*$17.58*
Recycling 40 Yard	212.34		Actual		(5.63)	23.29	2.91	$232.91	219.56		Actual		24.74	3.09	$247.39	*$14.48*
Roll-off (green waste) (Max 5 tons)	212.34		GW Disposal $ 50.09 250.45		(44.13)	47.17	5.90	$471.73	219.56		GW Disposal $ 51.60 258.00		53.81	6.73	$538.10	*$66.37*
End-Dump Rate per Hour	177.27		Actual		(4.70)	19.45	2.43	$194.45	183.30		Actual		20.66	2.58	$206.54	*$12.09*
Liner Roll Off								n/a	100.00				11.27	1.41	$112.68	*n/a*

City of Highland
Rate Components
Recycling Bins

Commingled Recyclables - Extra Bin

		Current 2019 Rate Components 7/1/19						Proposed 2020 Rate Components 7/1/20					
Bin Size	Freq	Service CPI 3.48%	Lbs/Yrd 47.88 Processing $ 32.75	Rate Stabilization	Franchise Fees 10.00%	HazMat Fees 1.25%	Total	Service CPI 3.40%	Lbs/Yrd 44.38 Processing $ 57.57	Franchise Fees 10.00%	HazMat Fees 1.25%	Total	*Proposed Rate 2020 H/(L) 2019*
1.5	1	92.69	5.10	(7.56)	10.17	1.27	$101.67	95.84	8.30	11.73	1.47	$117.34	*$15.67*
1.5	2	129.61	10.19	(13.63)	14.21	1.78	$142.16	134.02	16.61	16.97	2.12	$169.72	*$27.56*
3	1	111.30	10.19	(13.14)	12.20	1.53	$122.08	115.08	16.61	14.84	1.85	$148.38	*$26.30*
3	2	155.03	20.39	(24.50)	17.00	2.13	$170.05	160.30	33.22	21.80	2.73	$218.05	*$48.00*
3	3	197.86	30.58	(35.82)	21.71	2.71	$217.04	204.59	49.82	28.67	3.58	$286.66	*$69.62*
3	4	240.64	40.77	(33.02)	27.99	3.50	$279.88	248.82	66.43	35.52	4.44	$355.21	*$75.33*
3	5	283.39	50.96	(40.75)	33.08	4.14	$330.82	293.03	83.04	42.37	5.30	$423.74	*$92.92*
3	6	328.15	61.16	(48.55)	38.39	4.80	$383.95	339.31	99.65	49.46	6.18	$494.60	*$110.65*
4	3	227.08	40.77	(32.62)	26.51	3.31	$265.05	234.80	66.43	33.94	4.24	$339.41	*$74.36*

City of Highland
Rate Components
Recycling Bins

Greenwaste

		Current 2019 Rate Components 7/1/19							Proposed 2020 Rate Components 7/1/20							
Bin Size	Freq	Service CPI 3.48%	Streetsweep 4x/month $ 1.05 per yard	Greenwaste Disposal $ 50.09 per ton	Rate Stabilization	Franchise Fees 10.00%	HazMat Fees 1.25%	Total	Service CPI 3.40%	Streetsweep 4x/month $ 1.09 per yard	Greenwaste Disposal $ 51.60 per ton	Rate Stabilization	Franchise Fees 10.00%	HazMat Fees 1.25%	Total	*Proposed Rate 2020 H/(L) 2019*
1.5	1	92.69	6.83	21.55	3.61	14.04	1.76	$140.48	95.84	7.09	22.20	0.00	14.10	1.76	$140.99	*$0.51*
3	1	111.30	13.65	43.10	(4.59)	18.42	2.30	$184.18	115.08	14.17	44.40	0.00	19.56	2.45	$195.66	*$11.48*

Assumptions
132.4 lbs per yard

Assumptions
132.4 lbs per yard

City of Highland
Rate Components
Additional Fees

Service	7/1/19 Current 2019 Rate	7/1/20 Proposed 2020 Rate	
Additional Barrels -- Residential			
Refuse	$8.47	$8.76	
Recycling	$2.12	$2.20	
Greenwaste	$4.23	$4.37	
Barrel Services			
Barrel Exchange (first exchange free)	n/a	$16.85	Pending approval.
Barrel Replacement	n/a	$72.56	Pending approval.
resdl-customer damaged			
comml-lost or stolen			
Bin Services			
Bin Exchange (first exchange fee)	n/a	$84.23	Pending approval.
Bin Replacement + actual cost of bin	n/a	$93.30	Pending approval.
comml-lost or stolen			
Commercial Contamination Fee			
Recycling	$55.00	$56.87	
Greenwaste	$55.00	$56.87	
Foodwaste	$55.00	$56.87	
Locks			
Initial set-up (1 time)	$31.75	$32.83	
Lock rental (monthly)	$7.41	$7.67	
Extra Pick-Up			
Barrel	$16.40	$16.96	
Bin	$41.80	$43.23	
Roll-Off			
Rental Fee (per day in excess of 7 days)	$29.31	$30.30	
Relocation/Extra Trip/Dry Run Charge (no pull)	$68.79	$71.13	
Excess Disposal (per ton)	$58.08	$60.05	
Excess Green Waste (per ton)	$56.26	$58.17	
Bulky Item			
Per Trip	$35.00	$36.19	
Per Item	$10.00	$10.34	
Certificate of Destruction			
Taken to Burrtec MRF - per Load	n/a	$116.51	
Taken to San Bernardino County Landfill (per ton)	n/a	$117.77	
CPI - Average for July - June	3.48%	3.40%	

Burrtec Waste Industries, Inc.
City of Highland
Food Waste Rate Calculation

		Calculated 2019 Rate Components - 7/1/19 (stand alone)						Calculated 2020 Rate Components - 7/1/20 (stand alone)						
			Lbs/Yd						Lbs/Yd					*Calc.*
		CPI	300.00					CPI	300.00					*Rate*
Bin		3.48%	Processing	Street Sweep	Franch. Fee	Haz Mat	**Total**	3.40%	Processing	Street Sweep	Franch. Fee	Haz Mat	**Total**	*2020*
Size	Freq	Service	$ 84.24	$ 1.05	10.0%	1.25%	**Rate**	Service	$ 86.79	$ 1.09	10.0%	1.25%	**Rate**	*H/(L) 2019*
2	1	102.15	$109.51	$9.10	$24.87	$3.11	$248.74	105.62	$112.83	$9.45	$25.68	$3.21	$256.79	*$8.05*
2	2	165.20	$219.02	$18.20	$45.34	$5.67	$453.43	170.82	$225.65	$18.89	$46.80	$5.85	$468.01	*$14.58*
2	3	215.68	$328.54	$27.30	$64.40	$8.05	$643.97	223.01	$338.48	$28.34	$66.47	$8.30	$664.60	*$20.63*
2	4	267.29	$438.05	$36.40	$83.57	$10.45	$835.76	276.38	$451.31	$37.79	$86.25	$10.78	$862.51	*$26.75*
2	5	343.02	$547.56	$45.50	$105.48	$13.18	$1,054.74	354.68	$564.14	$47.23	$108.85	$13.61	$1,088.51	*$33.77*
2	6	368.72	$657.07	$54.60	$121.73	$15.22	$1,217.34	381.26	$676.96	$56.68	$125.63	$15.70	$1,256.23	*$38.89*
2	7	419.60	$766.58	$63.70	$140.84	$17.60	$1,408.32	433.87	$789.79	$66.13	$145.32	$18.17	$1,453.28	*$44.96*
			Lbs/Barrel						Lbs/Barrel					
			200.00						200.00					
			Processing						Processing					
			$ 84.24						$ 86.79					
65Gal	1	26.97	$36.50	$1.48	$7.32	$0.91	$73.18	27.89	$37.61	$1.54	$7.56	$0.94	$75.54	*$2.36*
65Gal	2	43.62	$73.01	$2.96	$13.48	$1.68	$134.75	45.10	$75.22	$3.07	$13.90	$1.74	$139.03	*$4.28*
65Gal	3	56.96	$109.51	$4.44	$19.25	$2.41	$192.57	58.90	$112.83	$4.61	$19.87	$2.48	$198.69	*$6.12*
65Gal	4	70.57	$146.02	$5.92	$25.08	$3.13	$250.72	72.97	$150.44	$6.14	$25.87	$3.23	$258.65	*$7.93*
65Gal	5	90.58	$182.52	$7.39	$31.61	$3.95	$316.05	93.66	$188.05	$7.68	$32.60	$4.08	$326.07	*$10.02*
65Gal	6	97.35	$219.02	$8.87	$36.65	$4.58	$366.47	100.66	$225.65	$9.21	$37.80	$4.73	$378.05	*$11.58*
65Gal	7	110.78	$255.53	$10.35	$42.44	$5.31	$424.41	114.55	$263.26	$10.75	$43.78	$5.47	$437.81	*$13.40*

Burrtec Waste Industries, Inc.
City of Highland
Food Waste Bin Collection Rate Analysis - Equalized with Refuse
Option #1

FW Recovery Fee Calculation

Stand Alone Rates	
Estimated FW Customers	39
Estimated FW Monthly Yardage	642
Estimated Monthly FW Burrtec Revenue	$ 16,482
Scenario 2 - Rates Equalized	
Estimated Monthly FW Burrtec Revenue (before FW Recovery Fee)	$ 7,401
FW Equalized Rates Burrtec Revenue Shortfall	**$ 9,081**
Monthy Total Yardage - Billable	15,083
Estimated FW Monthly Yardage	642
New Yardage	**15,725**
Revenue Shortfall / New Yardage	**$0.58 FW Recovery Fee**

Burrtec Waste Industries, Inc.
City of Highland
Food Waste Bin Collection Rate Analysis - Equalized with Refuse
Option #2

FW Recovery Fee Calculation

Stand Alone Rates	
Estimated FW Customers	75
Estimated FW Monthly Yardage	1,228
Estimated Monthly FW Burrtec Revenue	$ 31,534
Scenario 2 - Rates Equalized	
Estimated Monthly FW Burrtec Revenue (before FW Recovery Fee)	$ 14,160
FW Equalized Rates Burrtec Revenue Shortfall	**$ 17,374**
Monthy Total Yardage - Billable	15,083
Estimated FW Monthly Yardage	1,228
New Yardage	**16,311**
Revenue Shortfall / New Yardage	**$1.07 FW Recovery Fee**

City of Highland
Rate Components Equalized with Food Waste
Commercial Refuse Bin Service

		Current 2019 Rate Components Equalized 7/1/19										Proposed 2020 Rate Components Equalized 7/1/20 option #1									
Bin Size	Freq	Service CPI 3.48%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.55 Disposal	Streetsweep 4x/month $ 1.05 per yard	$ 1.98 Per Yard Recycling	$ 0.58 Per Yard FW	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.12 Disposal	Streetsweep 4x/month $ 1.09 per yard	$ 2.78 Per Yard Recycling	$0.58 Per Yard FW	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Proposed Rate 2020 H/(L) 2019*
1.5	1	92.69	0.98	14.78	6.83	12.87	3.77	(2.65)	14.57	1.82	$145.66	95.84	0.98	14.62	7.09	18.07	3.77	15.81	1.98	$158.16	*$12.50*
1.5	2	129.61	1.95	29.56	13.65	25.74	7.54	(3.61)	23.03	2.88	$230.35	134.02	1.95	29.24	14.17	36.14	7.54	25.14	3.14	$251.34	*$20.99*
1.5	3	157.69	2.93	44.35	20.48	38.61	11.31	(4.31)	30.54	3.82	$305.42	163.05	2.93	43.86	21.26	54.21	11.31	33.42	4.18	$334.22	*$28.80*
1.5	4	191.77	3.90	59.13	27.30	51.48	15.08	(5.60)	38.66	4.83	$386.55	198.29	3.90	58.48	28.34	72.28	15.08	42.41	5.30	$424.08	*$37.53*
1.5	5	225.85	4.88	73.91	34.13	64.35	18.85	(6.88)	46.77	5.85	$467.71	233.53	4.88	73.11	35.43	90.35	18.85	51.40	6.42	$513.97	*$46.26*
1.5	6	261.50	5.85	88.69	40.95	77.22	22.62	(8.15)	55.07	6.88	$550.63	270.39	5.85	87.73	42.51	108.42	22.62	60.57	7.57	$605.66	*$55.03*
1.5	7	294.48	6.83	103.47	47.78	90.09	26.39	(27.28)	61.05	7.63	$610.44	304.49	6.83	102.35	49.60	126.49	26.39	69.42	8.68	$694.25	*$83.81*
2	1	98.54	1.30	19.71	9.10	17.16	5.03	(2.77)	16.68	2.09	$166.84	101.89	1.30	19.49	9.45	24.09	5.03	18.17	2.27	$181.69	*$14.85*
2	2	138.75	2.60	39.42	18.20	34.32	10.05	(3.78)	27.00	3.37	$269.93	143.47	2.60	38.99	18.89	48.19	10.05	29.55	3.69	$295.43	*$25.50*
2	3	178.22	3.90	59.13	27.30	51.48	15.08	(4.78)	37.22	4.65	$372.20	184.28	3.90	58.48	28.34	72.28	15.08	40.83	5.10	$408.29	*$36.09*
2	4	216.75	5.20	78.84	36.40	68.64	20.11	(6.28)	47.29	5.91	$472.86	224.12	5.20	77.98	37.79	96.37	20.11	52.01	6.50	$520.08	*$47.22*
2	5	255.25	6.50	98.55	45.50	85.80	25.13	(7.77)	57.35	7.17	$573.48	263.93	6.50	97.47	47.23	120.47	25.13	63.18	7.90	$631.81	*$58.33*
2	6	295.56	7.80	118.25	54.60	102.96	30.16	(9.27)	67.61	8.45	$676.12	305.61	7.80	116.97	56.68	144.56	30.16	74.57	9.32	$745.67	*$69.55*
2	7	334.76	9.10	137.96	63.70	120.12	35.19	(34.42)	75.09	9.39	$750.89	346.14	9.10	136.46	66.13	168.65	35.19	85.82	10.73	$858.22	*$107.33*
3	1	111.30	1.95	29.56	13.65	25.74	7.54	(3.06)	21.03	2.63	$210.34	115.08	1.95	29.24	14.17	36.14	7.54	23.00	2.87	$229.99	*$19.65*
3	2	155.03	3.90	59.13	27.30	51.48	15.08	(4.09)	34.68	4.34	$346.85	160.30	3.90	58.48	28.34	72.28	15.08	38.12	4.77	$381.27	*$34.42*
3	3	197.86	5.85	88.69	40.95	77.22	22.62	(5.06)	48.24	6.03	$482.40	204.59	5.85	87.73	42.51	108.42	22.62	53.16	6.64	$531.52	*$49.12*
3	4	240.64	7.80	118.25	54.60	102.96	30.16	(6.05)	61.79	7.72	$617.87	248.82	7.80	116.97	56.68	144.56	30.16	68.17	8.52	$681.68	*$63.81*
3	5	283.39	9.75	147.82	68.25	128.70	37.70	(7.06)	75.33	9.42	$753.30	293.03	9.75	146.21	70.85	180.70	37.70	83.18	10.40	$831.82	*$78.52*
3	6	328.15	11.70	177.38	81.90	154.44	45.24	(8.12)	89.09	11.14	$890.92	339.31	11.70	175.45	85.02	216.84	45.24	98.43	12.30	$984.29	*$93.37*
3	7	371.42	13.65	206.95	95.55	180.18	52.78	(47.23)	98.40	12.30	$984.00	384.05	13.65	204.70	99.19	252.98	52.78	113.50	14.19	$1,135.04	*$151.04*
4	1	125.23	2.60	39.42	18.20	34.32	10.05	(3.37)	25.51	3.19	$255.15	129.49	2.60	38.99	18.89	48.19	10.05	27.96	3.50	$279.67	*$24.52*
4	2	183.25	5.20	78.84	36.40	68.64	20.11	(4.74)	43.69	5.46	$436.85	189.48	5.20	77.98	37.79	96.37	20.11	48.11	6.01	$481.05	*$44.20*
4	3	227.08	7.80	118.25	54.60	102.96	30.16	(5.65)	60.30	7.54	$603.04	234.80	7.80	116.97	56.68	144.56	30.16	66.59	8.32	$665.88	*$62.84*
4	4	347.61	10.40	157.67	72.80	137.28	40.21	(8.89)	85.31	10.66	$853.05	359.43	10.40	155.96	75.57	192.75	40.21	94.01	11.75	$940.08	*$87.03*
4	5	328.93	13.00	197.09	91.00	171.60	50.27	(7.93)	95.09	11.89	$950.94	340.11	13.00	194.95	94.47	240.93	50.27	105.21	13.15	$1,052.09	*$101.15*
4	6	378.85	15.60	236.51	109.20	205.92	60.32	(9.05)	112.37	14.05	$1,123.77	391.73	15.60	233.94	113.36	289.12	60.32	124.40	15.55	$1,244.02	*$120.25*
4	7	427.75	18.20	275.93	127.40	240.24	70.37	(60.70)	123.86	15.48	$1,238.53	442.29	18.20	272.93	132.25	337.31	70.37	143.48	17.93	$1,434.76	*$196.23*
6	1	131.84	3.90	59.13	27.30	51.48	15.08	(3.38)	32.15	4.02	$321.52	136.32	3.90	58.48	28.34	72.28	15.08	35.42	4.43	$354.25	*$32.73*
6	2	198.14	7.80	118.25	54.60	102.96	30.16	(4.77)	57.15	7.14	$571.43	204.88	7.80	116.97	56.68	144.56	30.16	63.22	7.90	$632.17	*$60.74*
6	3	264.41	11.70	177.38	81.90	154.44	45.24	(6.19)	82.12	10.27	$821.27	273.40	11.70	175.45	85.02	216.84	45.24	91.00	11.38	$910.03	*$88.76*
6	4	330.70	15.60	236.51	109.20	205.92	60.32	(7.60)	107.11	13.39	$1,071.15	341.94	15.60	233.94	113.36	289.12	60.32	118.79	14.85	$1,187.92	*$116.77*
6	5	396.95	19.50	295.64	136.50	257.40	75.40	(9.00)	132.10	16.51	$1,321.00	410.45	19.50	292.42	141.70	361.40	75.40	146.58	18.32	$1,465.77	*$144.77*
6	6	463.22	23.40	354.76	163.80	308.88	90.48	(10.40)	157.08	19.64	$1,570.86	478.97	23.40	350.91	170.04	433.68	90.48	174.36	21.80	$1,743.64	*$172.78*
6	7	529.49	27.30	413.89	191.10	360.36	105.56	(87.28)	173.56	21.70	$1,735.68	547.49	27.30	409.39	198.38	505.96	105.56	202.15	25.27	$2,021.50	*$285.82*
65Gal	1	25.33	0.31	7.46	1.03	4.46	0.82	(1.93)	4.22	0.53	$42.23	26.19	0.31	7.37	4.61	1.70	0.82	4.62	0.58	$46.20	*$3.97*
65Gal	2	35.28	0.42	14.92	2.06	8.92	1.63	(4.06)	6.67	0.83	$66.67	36.48	0.42	14.74	9.22	3.40	1.63	7.41	0.94	$74.24	*$7.57*
65Gal	3	45.03	0.63	22.38	3.09	13.38	2.45	(5.83)	9.14	1.14	$91.41	46.56	0.63	22.11	13.83	5.10	2.45	10.22	1.28	$102.17	*$10.76*
65Gal	4	54.77	0.85	29.84	4.12	17.84	3.27	(7.61)	11.61	1.45	$116.14	56.63	0.85	29.48	18.44	6.80	3.27	13.01	1.63	$130.11	*$13.97*
65Gal	5	64.50	1.06	37.30	5.15	22.30	4.08	(9.38)	14.09	1.76	$140.86	66.69	1.06	36.85	23.05	8.50	4.08	15.79	1.99	$158.01	*$17.15*
65Gal	6	74.68	1.27	44.76	6.18	26.76	4.90	(11.16)	16.61	2.08	$166.08	77.22	1.27	44.22	27.66	10.20	4.90	18.66	2.32	$186.45	*$20.37*
65Gal	7	84.53	1.48	52.22	7.21	31.22	5.72	(12.93)	19.09	2.39	$190.93	87.40	1.48	51.59	32.27	11.90	5.72	21.45	2.68	$214.49	*$23.56*

City of Highland
Rate Components Equalized with Food Waste
Commercial Refuse Bin Service

		Current 2019 Rate Components Equalized 7/1/19										Proposed 2020 Rate Components Equalized 7/1/20 - Option #2									
Bin Size	Freq	Service CPI 3.48%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.55 Disposal	Streetsweep 4x/month $ 1.05 per yard	$ 1.98 Per Yard Recycling	$ 0.58 Per Yard FW	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.12 Disposal	Streetsweep 4x/month $ 1.09 per yard	$ 2.78 Per Yard Recycling	$1.07 Per Yard FW	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Proposed Rate 2020 H/(L) 2019*
1.5	1	92.69	0.98	14.78	6.83	12.87	3.77	(2.65)	14.57	1.82	$145.66	95.84	0.98	14.62	7.09	18.07	6.96	16.18	2.02	$161.76	*$16.10*
1.5	2	129.61	1.95	29.56	13.65	25.74	7.54	(3.61)	23.03	2.88	$230.35	134.02	1.95	29.24	14.17	36.14	13.91	25.85	3.23	$258.51	*$28.16*
1.5	3	157.69	2.93	44.35	20.48	38.61	11.31	(4.31)	30.54	3.82	$305.42	163.05	2.93	43.86	21.26	54.21	20.87	34.50	4.31	$344.99	*$39.57*
1.5	4	191.77	3.90	59.13	27.30	51.48	15.08	(5.60)	38.66	4.83	$386.55	198.29	3.90	58.48	28.34	72.28	27.82	43.84	5.48	$438.43	*$51.88*
1.5	5	225.85	4.88	73.91	34.13	64.35	18.85	(6.88)	46.77	5.85	$467.71	233.53	4.88	73.11	35.43	90.35	34.78	53.19	6.65	$531.92	*$64.21*
1.5	6	261.50	5.85	88.69	40.95	77.22	22.62	(8.15)	55.07	6.88	$550.63	270.39	5.85	87.73	42.51	108.42	41.73	62.72	7.84	$627.19	*$76.56*
1.5	7	294.48	6.83	103.47	47.78	90.09	26.39	(27.28)	61.05	7.63	$610.44	304.49	6.83	102.35	49.60	126.49	48.69	71.94	8.99	$719.38	*$108.94*
2	1	98.54	1.30	19.71	9.10	17.16	5.03	(2.77)	16.68	2.09	$166.84	101.89	1.30	19.49	9.45	24.09	9.27	18.65	2.33	$186.47	*$19.63*
2	2	138.75	2.60	39.42	18.20	34.32	10.05	(3.78)	27.00	3.37	$269.93	143.47	2.60	38.99	18.89	48.19	18.55	30.50	3.81	$305.00	*$35.07*
2	3	178.22	3.90	59.13	27.30	51.48	15.08	(4.78)	37.22	4.65	$372.20	184.28	3.90	58.48	28.34	72.28	27.82	42.27	5.28	$422.65	*$50.45*
2	4	216.75	5.20	78.84	36.40	68.64	20.11	(6.28)	47.29	5.91	$472.86	224.12	5.20	77.98	37.79	96.37	37.09	53.92	6.74	$539.21	*$66.35*
2	5	255.25	6.50	98.55	45.50	85.80	25.13	(7.77)	57.35	7.17	$573.48	263.93	6.50	97.47	47.23	120.47	46.37	65.57	8.20	$655.74	*$82.26*
2	6	295.56	7.80	118.25	54.60	102.96	30.16	(9.27)	67.61	8.45	$676.12	305.61	7.80	116.97	56.68	144.56	55.64	77.44	9.68	$774.38	*$98.26*
2	7	334.76	9.10	137.96	63.70	120.12	35.19	(34.42)	75.09	9.39	$750.89	346.14	9.10	136.46	66.13	168.65	64.91	89.17	11.15	$891.71	*$140.82*
3	1	111.30	1.95	29.56	13.65	25.74	7.54	(3.06)	21.03	2.63	$210.34	115.08	1.95	29.24	14.17	36.14	13.91	23.72	2.96	$237.17	*$26.83*
3	2	155.03	3.90	59.13	27.30	51.48	15.08	(4.09)	34.68	4.34	$346.85	160.30	3.90	58.48	28.34	72.28	27.82	39.56	4.95	$395.63	*$48.78*
3	3	197.86	5.85	88.69	40.95	77.22	22.62	(5.06)	48.24	6.03	$482.40	204.59	5.85	87.73	42.51	108.42	41.73	55.31	6.91	$553.05	*$70.65*
3	4	240.64	7.80	118.25	54.60	102.96	30.16	(6.05)	61.79	7.72	$617.87	248.82	7.80	116.97	56.68	144.56	55.64	71.04	8.88	$710.39	*$92.52*
3	5	283.39	9.75	147.82	68.25	128.70	37.70	(7.06)	75.33	9.42	$753.30	293.03	9.75	146.21	70.85	180.70	69.55	86.77	10.85	$867.71	*$114.41*
3	6	328.15	11.70	177.38	81.90	154.44	45.24	(8.12)	89.09	11.14	$890.92	339.31	11.70	175.45	85.02	216.84	83.46	102.74	12.84	$1,027.36	*$136.44*
3	7	371.42	13.65	206.95	95.55	180.18	52.78	(47.23)	98.40	12.30	$984.00	384.05	13.65	204.70	99.19	252.98	97.37	118.52	14.82	$1,185.28	*$201.28*
4	1	125.23	2.60	39.42	18.20	34.32	10.05	(3.37)	25.51	3.19	$255.15	129.49	2.60	38.99	18.89	48.19	18.55	28.92	3.62	$289.25	*$34.10*
4	2	183.25	5.20	78.84	36.40	68.64	20.11	(4.74)	43.69	5.46	$436.85	189.48	5.20	77.98	37.79	96.37	37.09	50.02	6.25	$500.18	*$63.33*
4	3	227.08	7.80	118.25	54.60	102.96	30.16	(5.65)	60.30	7.54	$603.04	234.80	7.80	116.97	56.68	144.56	55.64	69.46	8.68	$694.59	*$91.55*
4	4	347.61	10.40	157.67	72.80	137.28	40.21	(8.89)	85.31	10.66	$853.05	359.43	10.40	155.96	75.57	192.75	74.19	97.84	12.23	$978.37	*$125.32*
4	5	328.93	13.00	197.09	91.00	171.60	50.27	(7.93)	95.09	11.89	$950.94	340.11	13.00	194.95	94.47	240.93	92.73	109.99	13.75	$1,099.93	*$148.99*
4	6	378.85	15.60	236.51	109.20	205.92	60.32	(9.05)	112.37	14.05	$1,123.77	391.73	15.60	233.94	113.36	289.12	111.28	130.14	16.27	$1,301.44	*$177.67*
4	7	427.75	18.20	275.93	127.40	240.24	70.37	(60.70)	123.86	15.48	$1,238.53	442.29	18.20	272.93	132.25	337.31	129.83	150.18	18.77	$1,501.76	*$263.23*
6	1	131.84	3.90	59.13	27.30	51.48	15.08	(3.38)	32.15	4.02	$321.52	136.32	3.90	58.48	28.34	72.28	27.82	36.86	4.61	$368.61	*$47.09*
6	2	198.14	7.80	118.25	54.60	102.96	30.16	(4.77)	57.15	7.14	$571.43	204.88	7.80	116.97	56.68	144.56	55.64	66.09	8.26	$660.88	*$89.45*
6	3	264.41	11.70	177.38	81.90	154.44	45.24	(6.19)	82.12	10.27	$821.27	273.40	11.70	175.45	85.02	216.84	83.46	95.31	11.91	$953.09	*$131.82*
6	4	330.70	15.60	236.51	109.20	205.92	60.32	(7.60)	107.11	13.39	$1,071.15	341.94	15.60	233.94	113.36	289.12	111.28	124.53	15.57	$1,245.34	*$174.19*
6	5	396.95	19.50	295.64	136.50	257.40	75.40	(9.00)	132.10	16.51	$1,321.00	410.45	19.50	292.42	141.70	361.40	139.10	153.75	19.22	$1,537.54	*$216.54*
6	6	463.22	23.40	354.76	163.80	308.88	90.48	(10.40)	157.08	19.64	$1,570.86	478.97	23.40	350.91	170.04	433.68	166.92	182.98	22.87	$1,829.77	*$258.91*
6	7	529.49	27.30	413.89	191.10	360.36	105.56	(87.28)	173.56	21.70	$1,735.68	547.49	27.30	409.39	198.38	505.96	194.74	212.20	26.52	$2,121.98	*$386.30*
65Gal	1	25.33	0.31	7.46	1.03	4.46	0.82	(1.93)	4.22	0.53	$42.23	26.19	0.31	7.37	4.61	1.70	1.51	4.69	0.59	$46.97	*$4.74*
65Gal	2	35.28	0.42	14.92	2.06	8.92	1.63	(4.06)	6.67	0.83	$66.67	36.48	0.42	14.74	9.22	3.40	3.01	7.56	0.96	$75.80	*$9.13*
65Gal	3	45.03	0.63	22.38	3.09	13.38	2.45	(5.83)	9.14	1.14	$91.41	46.56	0.63	22.11	13.83	5.10	4.52	10.45	1.31	$104.51	*$13.10*
65Gal	4	54.77	0.85	29.84	4.12	17.84	3.27	(7.61)	11.61	1.45	$116.14	56.63	0.85	29.48	18.44	6.80	6.03	13.32	1.67	$133.22	*$17.08*
65Gal	5	64.50	1.06	37.30	5.15	22.30	4.08	(9.38)	14.09	1.76	$140.86	66.69	1.06	36.85	23.05	8.50	7.53	16.18	2.03	$161.89	*$21.03*
65Gal	6	74.68	1.27	44.76	6.18	26.76	4.90	(11.16)	16.61	2.08	$166.08	77.22	1.27	44.22	27.66	10.20	9.04	19.12	2.38	$191.11	*$25.03*
65Gal	7	84.53	1.48	52.22	7.21	31.22	5.72	(12.93)	19.09	2.39	$190.93	87.40	1.48	51.59	32.27	11.90	10.55	21.98	2.75	$219.93	*$29.00*

City of Highland
Food Waste Rates (Equalized)

		Current 2019 Rate Components Equalized 7/1/19										Proposed 2020 Rate Components Equalized 7/1/20 - Option #1									
Bin Size	Freq	Service CPI 3.48%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.55 Disposal	Streetsweep 4x/month $ 1.05 per yard	$ 1.98 Per Yard Recycling	$ 0.58 Per Yard FW	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.12 Disposal	Streetsweep 4x/month $ 1.09 per yard	$ 2.78 Per Yard Recycling	$0.58 Per Yard FW	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Proposed Rate 2020 H/(L) 2019*
2	1	98.54	1.30	19.71	9.10	17.16	5.03	(2.77)	16.68	2.09	$166.84	101.89	1.30	19.49	9.45	24.09	5.03	18.17	2.27	$181.69	*$14.85*
2	2	138.75	2.60	39.42	18.20	34.32	10.05	(3.78)	27.00	3.37	$269.93	143.47	2.60	38.99	18.89	48.19	10.05	29.55	3.69	$295.43	*$25.50*
2	3	178.22	3.90	59.13	27.30	51.48	15.08	(4.78)	37.22	4.65	$372.20	184.28	3.90	58.48	28.34	72.28	15.08	40.83	5.10	$408.29	*$36.09*
2	4	216.75	5.20	78.84	36.40	68.64	20.11	(6.28)	47.29	5.91	$472.86	224.12	5.20	77.98	37.79	96.37	20.11	52.01	6.50	$520.08	*$47.22*
2	5	255.25	6.50	98.55	45.50	85.80	25.13	(7.77)	57.35	7.17	$573.48	263.93	6.50	97.47	47.23	120.47	25.13	63.18	7.90	$631.81	*$58.33*
2	6	295.56	7.80	118.25	54.60	102.96	30.16	(9.27)	67.61	8.45	$676.12	305.61	7.80	116.97	56.68	144.56	30.16	74.57	9.32	$745.67	*$69.55*
2	7	334.76	9.10	137.96	63.70	120.12	35.19	(34.42)	75.09	9.39	$750.89	346.14	9.10	136.46	66.13	168.65	35.19	85.82	10.73	$858.22	*$107.33*
65Gal	1	25.33	0.31	7.46	1.03	4.46	0.82	(1.93)	4.22	0.53	$42.23	26.19	0.31	7.37	4.61	1.70	0.82	4.62	0.58	$46.20	*$3.97*
65Gal	2	35.28	0.42	14.92	2.06	8.92	1.63	(4.06)	6.67	0.83	$66.67	36.48	0.42	14.74	9.22	3.40	1.63	7.41	0.94	$74.24	*$7.57*
65Gal	3	45.03	0.63	22.38	3.09	13.38	2.45	(5.83)	9.14	1.14	$91.41	46.56	0.63	22.11	13.83	5.10	2.45	10.22	1.28	$102.17	*$10.76*
65Gal	4	54.77	0.85	29.84	4.12	17.84	3.27	(7.61)	11.61	1.45	$116.14	56.63	0.85	29.48	18.44	6.80	3.27	13.01	1.63	$130.11	*$13.97*
65Gal	5	64.50	1.06	37.30	5.15	22.30	4.08	(9.38)	14.09	1.76	$140.86	66.69	1.06	36.85	23.05	8.50	4.08	15.79	1.99	$158.01	*$17.15*
65Gal	6	74.68	1.27	44.76	6.18	26.76	4.90	(11.16)	16.61	2.08	$166.08	77.22	1.27	44.22	27.66	10.20	4.90	18.66	2.32	$186.45	*$20.37*
65Gal	7	84.53	1.48	52.22	7.21	31.22	5.72	(12.93)	19.09	2.39	$190.93	87.40	1.48	51.59	32.27	11.90	5.72	21.45	2.68	$214.49	*$23.56*

City of Highland
Food Waste Rates (Equalized)

		Current 2019 Rate Components Equalized 7/1/19										Proposed 2020 Rate Components Equalized 7/1/20 - Option #2									
Bin Size	Freq	Service CPI 3.48%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.55 Disposal	Streetsweep 4x/month $ 1.05 per yard	$ 1.98 Per Yard Recycling	$ 0.58 Per Yard FW	Rate Stabilization	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	Service CPI 3.40%	Fee per Yard 0.15 Compliance Fee	lbs/wk 115.00 $ 39.12 Disposal	Streetsweep 4x/month $ 1.09 per yard	$ 2.78 Per Yard Recycling	$1.07 Per Yard FW	10.00% Franchise Fee	1.25% HazMat Fee	Total Rate	*Proposed Rate 2020 H/(L) 2019*
2	1	98.54	1.30	19.71	9.10	17.16	5.03	(2.77)	16.68	2.09	$166.84	101.89	1.30	19.49	9.45	24.09	9.27	18.65	2.33	$186.47	*$19.63*
2	2	138.75	2.60	39.42	18.20	34.32	10.05	(3.78)	27.00	3.37	$269.93	143.47	2.60	38.99	18.89	48.19	18.55	30.50	3.81	$305.00	*$35.07*
2	3	178.22	3.90	59.13	27.30	51.48	15.08	(4.78)	37.22	4.65	$372.20	184.28	3.90	58.48	28.34	72.28	27.82	42.27	5.28	$422.65	*$50.45*
2	4	216.75	5.20	78.84	36.40	68.64	20.11	(6.28)	47.29	5.91	$472.86	224.12	5.20	77.98	37.79	96.37	37.09	53.92	6.74	$539.21	*$66.35*
2	5	255.25	6.50	98.55	45.50	85.80	25.13	(7.77)	57.35	7.17	$573.48	263.93	6.50	97.47	47.23	120.47	46.37	65.57	8.20	$655.74	*$82.26*
2	6	295.56	7.80	118.25	54.60	102.96	30.16	(9.27)	67.61	8.45	$676.12	305.61	7.80	116.97	56.68	144.56	55.64	77.44	9.68	$774.38	*$98.26*
2	7	334.76	9.10	137.96	63.70	120.12	35.19	(34.42)	75.09	9.39	$750.88	346.14	9.10	136.46	66.13	168.65	64.91	89.17	11.15	$891.71	*$140.83*
65Gal	1	25.33	0.31	7.46	1.03	4.46	0.82	(1.93)	4.22	0.53	$42.23	26.19	0.31	7.37	4.61	1.70	1.51	4.69	0.59	$46.97	*$4.74*
65Gal	2	35.28	0.42	14.92	2.06	8.92	1.63	(4.06)	6.67	0.83	$66.67	36.48	0.42	14.74	9.22	3.40	3.01	7.56	0.96	$75.80	*$9.13*
65Gal	3	45.03	0.63	22.38	3.09	13.38	2.45	(5.83)	9.14	1.14	$91.41	46.56	0.63	22.11	13.83	5.10	4.52	10.45	1.31	$104.51	*$13.10*
65Gal	4	54.77	0.85	29.84	4.12	17.84	3.27	(7.61)	11.62	1.45	$116.15	56.63	0.85	29.48	18.44	6.80	6.03	13.32	1.67	$133.22	*$17.07*
65Gal	5	64.50	1.06	37.30	5.15	22.30	4.08	(9.38)	14.09	1.76	$140.86	66.69	1.06	36.85	23.05	8.50	7.53	16.18	2.03	$161.89	*$21.03*
65Gal	6	74.68	1.27	44.76	6.18	26.76	4.90	(11.16)	16.61	2.08	$166.07	77.22	1.27	44.22	27.66	10.20	9.04	19.12	2.38	$191.11	*$25.04*
65Gal	7	84.53	1.48	52.22	7.21	31.22	5.72	(12.93)	19.09	2.39	$190.93	87.40	1.48	51.59	32.27	11.90	10.55	21.98	2.75	$219.93	*$29.00*

ATTACHMENT 3

City of Highland
Summary of Residential Refuse/Greenwaste Tonnage
1/1/19-12/31/19

	Residential Refuse		
	Routed	Bulky	Total
Dec-19	14,789.13	-	14,789.13
	14,789.13	-	14,789.13
Customer	13,096		
Extra bbls	383		
Total barrels	13,479		
lbs/cust/wk	43.44		
lbs/all brls/wk	42.20		
tons/cust/yr	1.1293		
tons/all brls/yr	1.0972		

	Residential Recycling			
	Recycling	Residue	Recovered	
Dec-19	4,225.94	1,237.86	2,988.08	*29.29%*
	4,225.94	1,237.86	2,988.08	
Customer	13,058	13,058	13,058	
Extra bbls	70	70	70	
Total barrels	13,127	13,127	13,127	
lbs/cust/wk	12.45	3.65	8.80	
lbs/all brls/wk	12.38	3.63	8.75	
tons/cust/yr	0.3236	0.0948	0.2288	
tons/all brls/yr	0.3219	0.0943	0.2276	

	Residential Greenwaste
Dec-19	8,224.59
	8,224.59
Customer	12,892
Extra bbls	210
Total barrels	13,102
lbs/cust/wk	24.54
lbs/all brls/wk	24.14
tons/cust/yr	0.6380
tons/all brls/yr	0.6278

MRF Revenue	$	(2,103.27)	
DOC-current yr	$	(11,650.86)	
DOC prior yr	$	(11,460.53)	
Residue	$	73,389.82	
Processing	$	218,408.94	
Total Net Cost	$	266,584.10	with DOC

							Broker Fee		Net Cost		
Per Cust/with DOC	$	1.70	Per Ton	$	63.08	$	-	$	63.08	$	1.70
Per Cust/without DOC	$	1.85	Per Ton	$	68.55	$	-	$	68.55	$	1.85

BWI

City of Highland

YoY Residential Recycling Revenue and Cost Changes

2017

MRF COSTS

	Cost	Tons	Avg Cost/Ton
Annual Residential Recycling Residue	$ 51,119.88	915.90	$ 55.81
Residential Residue %		22%	

Processing Fees

Month	Total Processing Fees	Collected Tonnage	Residential Processing Fee ($/Ton)
Jan	$ 6,454.80	430	$ 15.00
Feb	$ 5,046.75	336	$ 15.00
Mar	$ 5,910.60	394	$ 15.00
Apr	$ 4,733.40	316	$ 15.00
May	$ 5,159.25	344	$ 15.00
Jun	$ 4,929.90	329	$ 15.00
Jul	$ 4,929.00	329	$ 15.00
Aug	$ 5,315.25	354	$ 15.00
Sep	$ 4,776.00	318	$ 15.00
Oct	$ 4,998.75	333	$ 15.00
Nov	$ 5,319.60	355	$ 15.00
Dec	$ 5,412.90	361	$ 15.00
Total / Average	$ 62,986.20	4,199	$ 15.00

MRF REVENUE

	Revenue	Tons	Avg Rev/Ton
Residential Recycling Revenue	$ 82,269.26	3,285.32	$ 25.04

MRF Net Tons Recovered / Processing Costs

Net Processing Costs	Tons	Avg Cost/Ton
$ 31,836.82	4,199.08	$ 7.58

2018

MRF COSTS

	Cost	Tons	Avg Cost/Ton
Annual Residential Recycling Residue	$ 59,579.30	1,041.52	$ 57.20
Residential Residue %		25%	
YoY Change $	$ 8,459.42	125.62	$ 1.39
YoY Change %	16.5%	13.7%	2.5%

Month	Total Processing Fees	Collected Tonnage	Residential Processing Fee (p/Ton)
Jan	$ 5,795.85	386	$ 15.00
Feb	$ 4,599.60	307	$ 15.00
Mar	$ 5,253.30	350	$ 15.00
Apr	$ 5,142.30	343	$ 15.00
May	$ 5,309.70	354	$ 15.00
Jun	$ 5,252.40	350	$ 15.00
Jul	$ 17,019.50	340	$ 50.00
Aug	$ 16,644.85	333	$ 50.06
Sep	$ 15,543.50	311	$ 50.00
Oct	$ 18,036.75	360	$ 50.05
Nov	$ 17,309.85	345	$ 50.15
Dec	$ 17,967.64	359	$ 50.08
Total / Average	$ 133,875.24	4,138	$ 32.35
YoY Change $	$ 70,889.04	(60.86)	$ 17.35
YoY Change %	112.5%	-1.4%	115.7%

MRF REVENUE

	Revenue	Tons	Avg Rev/Ton
Residential Recycling Revenue	$ 31,263.14	3,096.72	$ 10.10
YoY Change $	($51,006.12)	(188.60)	$ (14.94)
YoY Change %	(62.0)%	(5.7)%	(59.7)%
Recycling Materials YoY Price Change %	Cardboard -38%	Mixed Paper -73%	

	Net Processing Costs	Tons	Avg Cost/Ton
	$ 162,191.40	4,138.22	$ 39.19
YoY Change $	$ 130,354.58	(60.86)	$ 31.61
YoY Change %	409%	-1%	417%

2019

MRF COSTS

	Cost	Tons	Avg Cost/Ton
Annual Residential Recycling Residue	$ 73,389.82	1,237.98	$ 59.28
Residential Residue %		29%	
YoY Change $	$ 13,810.52	196.46	$ 2.08
YoY Change %	23.2%	18.9%	3.6%

Month	Total Processing Fees	Collected Tonnage	Residential Processing Fee (p/Ton)
Jan	$ 19,070.20	381	$ 50.12
Feb	$ 16,518.50	330	$ 50.00
Mar	$ 17,237.50	345	$ 50.00
Apr	$ 18,249.25	365	$ 50.06
May	$ 16,829.21	336	$ 50.04
Jun	$ 17,193.50	344	$ 50.00
Jul	$ 19,821.05	372	$ 53.30
Aug	$ 18,682.77	351	$ 53.25
Sep	$ 17,425.61	326	$ 53.44
Oct	$ 18,367.29	344	$ 53.33
Nov	$ 17,581.56	330	$ 53.25
Dec	$ 21,432.50	402	$ 53.29
Total / Average	$ 218,408.94	4,226	$ 51.68
YoY Change $	$ 84,533.70	87.72	$ 19.33
YoY Change %	63.1%	2.1%	59.8%

MRF REVENUE

	Revenue	Tons	Avg Rev/Ton
Residential Recycling Revenue	$ 13,754.13	2,987.97	$ 4.60
YoY Change $	($17,509.01)	(108.75)	$ (5.50)
YoY Change %	(56.0)%	(3.5)%	(54.5)%
Recycling Materials YoY Price Change %	Cardboard -36%	Mixed Paper -47%	

	Net Processing Costs	Tons	Avg Cost/Ton
	$ 278,044.63	4,225.94	$ 65.79
YoY Change $	$ 115,853.23	87.72	$ 26.60
YoY Change %	71%	2%	68%

ATTACHMENT 4

CITY OF HIGHLAND
2020 SOLID WASTE RATE SURVEY

RESIDENTIAL RATES

City	Basic Residential Rate	Container Size			Hauler
		Trash	Recycle	Greenwaste	
Loma Linda	$20.14	auto 96 gal	auto 96 gal	auto 96 gal	CR&R
Colton	$25.10	auto 64 gal	auto 64 gal	auto 64 gal	CR&R
San Bernardino (proposed)	$26.00	auto 96 gal	auto 96 gal	auto 96 gal	Burrtec
Upland	$26.23	auto 95 gal	auto 95 gal	auto 95 gal	Burrtec
Highland (existing)	**$26.64**	**auto 95 gal**	**auto 95 gal**	**auto 95 gal**	**Burrtec**
Rancho Cucamonga	$27.63	auto 96 gal	auto 60 gal	auto 60 gal	Burrtec
Ontario	$27.68	auto 95 gal	auto 60 gal	manual	Burrtec
Yucaipa	$27.70	auto 65 gal	auto 90 gal	auto 60 gal	Burrtec
Highland (proposed Option 2)	**$28.30**	**auto 95 gal**	**auto 95 gal**	**auto 95 gal**	**Burrtec**
Fontana	$29.77	auto 95 gal	auto 65 gal	auto 65 gal	Burrtec
Rialto	$30.54	auto 60 gal	auto 60 gal	auto 40 gal	Burrtec
Ontario - Ontario Ranch	$31.27	auto 95 gal	auto 60 gal	manual	Burrtec
Grand Terrace (proposed)	$32.96	auto 96 gal	auto 96 gal	auto 96 gal	Burrtec
Redlands	$39.23	auto 95 gal	auto 95 gal	auto 95 gal	City Hauler

Median Residential Rate: $27.70

Average Residential Rate: $28.66

COMMERCIAL RATES

City	Commercial Refuse Rate (3cuyd, 1x week)
Upland	$161.10
Ontario	$177.00
Fontana	$192.65
Rancho Cucamonga	$197.51
San Bernardino	$199.98
Loma Linda	$203.94
Highland (existing)	**$210.34**
Yucaipa	$213.76
Highland (proposed Option 2)	**$237.17**
Rialto	**$242.91**
Colton	$244.48
Grand Terrace	$297.68
Redlands	$424.63

Average Commercial Rate: $225.16

Median Commercial Rate: $203.94

FRANCHISE FEES

City	City %	Other Fee%	Total %
Montclair	10%	0%	10.00%
Chino	10%	0%	10.00%
Yucaipa	10%	0%	10.00%
Highland	**10%**	**1.25%**	**11.25%**
Chino Hills	10%	1.75%	11.75%
Rialto	10%	4%	14.00%
Fontana	12%	2%	14.00%
Grand Ter.	15%	0%	15.00%
Rch. Cuca.	15%	0.75%	15.00%
Loma Linda	15%	0%	15.00%
Upland	14%	4%	18.00%
Colton	15%	6%	21.00%

Median Franchise Fee: 14%

ATTACHMENT 5

fees to ensure that the fees are fair, reasonable, and accurately calculated. R3 met with Burrtec's Chief Financial Officer to review the calculation methodology of the tipping fees, and was able to confirm that:

- Tipping fees are set based on actual and projected costs of operation;
- Burrtec's calculation of tipping fees based on costs of operation yield the tipping fees shown in Burrtec's rate request;[9]
- Burrtec calculates tipping fees using a similar methodology to set tipping fees for all its West Valley MRF customers; and
- Tipping fees were set using reasonable and efficient operating assumptions (for example, Burrtec assumes that green waste tons will go to the lowest available cost option for the maximum number of potential tons).

R3 further confirmed the reasonableness of Burrtec's tipping fees by comparing them to other tipping fees within a reasonable haul distance from the City. Based on information available to R3, we determined that Burrtec's tipping rates for refuse are approximately 30% less than the average, with tipping fees for green waste and food waste being 24% less and 4% more than the average, respectively.

Comparisons of recyclables tipping fees were not possible given available information; however, R3 has recently reviewed per ton recyclables tipping fees on behalf of other agencies and can confirm that Burrtec's $44.80 per ton tipping fee for recyclables is relatively low. R3 has recently seen recyclables tipping fees at other MRF's ranging as high as $100 to $180 per ton. To that end, Burrtec has indicated that further increases in recyclables tipping fees are anticipated in coming years, as the current recyclables tipping fee is set based on 2018 financial information; so far to date in 2019 Burrtec has projected further losses from the changes in the recyclables marketplace.

No City Recyclables Revenue Share

It is important to note that the recyclables tipping fee takes into account revenues received from Burrtec's sale and redemption of recyclable materials, meaning that the tipping fees are based on West Valley MRF's operating costs for recyclables processing less revenues from sale and redemption. As such, there is no additional "revenue share" offered or due the City from the sale and redemption of recyclable materials.

That said, Burrtec does have contractual obligations for sharing recyclables revenues with other cities. R3 is confirming with Burrtec whether revenues shared with other cities count towards West Valley MRF's operating costs, or not. If shared revenues do not count towards West Valley MRF's operating costs used as the basis of calculating recyclables tipping fees, then no adjustment is necessary. However, if shared revenues are included in West Valley MRF's operating costs used as the basis for setting recyclables tipping fees, then R3 recommends that adjustments be made to ensure that the tipping fees extended to the City are not affected by Burrtec's revenue sharing obligations with other cities.

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[9] With the exception of the 2019 refuse tipping fee, which was shown as $49.90 per ton in Burrtec's application and supporting documentation, but which is actually set to $49.00 per ton. The error in the application and letter was due to a typo in the letter from the West Valley MRF to Burrtec's hauling operation, setting the tipping fees for the coming year. R3 made the appropriate connection to Burrtec's rate requests as shown in Attachments 2 and 3.