



BURRTEC

WASTE INDUSTRIES, INC.

"We'll Take Care Of It"

December 20, 2019

Ms. Cindie Perry
Deputy Public Works Director
City of Riverside
8095 Lincoln Ave.
Riverside, CA 92504

RE: Agua Mansa MRF Residential Recycling Fee Adjustment—update letter

Dear Ms. Perry:

Thank you for meeting with Richard Niño and myself last week to discuss this issue. As discussed during our meeting, the commodity markets have continued to decline since the October letter. Therefore, it was discussed that Burrtec would update the market pricing table and the recycling statements with current market pricing.

Please find the attached Commodity Price History table that shows that the fiber market has unfortunately continued to decline. In the table, you will see that mixed paper was \$181 per ton in 2011 and is only \$18 through December (down 90.3%). Cardboard was \$220 in 2011 and is now \$82 through December (down 62.7%). Please note that if commodity prices improve the net cost to the City will decrease and will be reflected in the monthly recycling statements.

For reference we have attached the November 2019 recycling statements for both City-collected and Burrtec-collected residential recycling streams that illustrate the current and new proposed pricing methodology. To restate, the new proposed pricing methodology shown below.

Processing Fee	\$58.25 per ton
Material Rebate	30% net scrap and CRV value, negative value charged at 100%
Residue Disposal	\$50.29 per ton

Again, thank you for meeting with us and we look forward to continue working with you on these changes.

Sincerely,

Richard Crockett
Director of MRF and TS Operations

Cc: Richard Niño, Burrtec
Bob Coon, Burrtec

Commodity Price History - Export*

Mixed Paper & OCC

	12-Month Average Price Per Ton	
	Mixed Paper (2)	OCC (11) (Cardboard)
2011	\$ 181	\$ 220
2012	137	180
2013	131	183
2014	124	171
2015	107	151
2016	118	156
2017	120	205
2018	33	128
Dec 2019	18	82

	Percentage Y-o-Y Inc/(Dec)	
	Mixed Paper (2)	OCC (11) (Cardboard)
2011	Base	Base
2012	(24.0)%	(18.2)%
2013	(4.9)%	1.5%
2014	(5.3)%	(6.2)%
2015	(13.5)%	(11.6)%
2016	9.7%	2.9%
2017	2.3%	31.7%
2018	(72.6)%	(37.7)%
Dec 2019	(46.6)%	(35.83)%
2019 H/(L) 2011	(90.3)%	(62.7)%

* Source: PPI Pulp & Paper Week

Agua Mansa MRF

1830 Agua Mansa Rd
Riverside, CA 92509
951-786-0544 Phone / 951-786-0538 Fax

Current Pricing Methodology

Purchase Ticket

Purchase Ticket # **35703**
Purchase Date **11/30/19**

City Collected Stream

Customer:

City Of Riverside - Res REC - Acct 14 - CS0385

Dept. of Public Works
3900 Main St.
Riverside, CA 92522

Terms 15 Days Net

Item Name	Gross	Tare	Net	Price	Total
#2 HDPE Mixed Color	13,798.4	0.0	13,798.4 LB	\$0.0000 LB	\$0.00
#2 HDPE Natural	23,090.3	0.0	23,090.3 LB	\$0.0000 LB	\$0.00
3 Mix Glass	183,542.2	0.0	183,542.2 LB	\$0.0000 LB	\$0.00
Aluminum Cans	3,497.9	0.0	3,497.9 LB	\$0.0000 LB	\$0.00
Amber Glass	15,901.4	0.0	15,901.4 LB	\$0.0000 LB	\$0.00
BRP Plastic	6,931.4	0.0	6,931.4 LB	\$0.0000 LB	\$0.00
Cardboard	193,928.6	0.0	193,928.6 LB	\$0.0000 LB	\$0.00
Flint Glass	25,021.7	0.0	25,021.7 LB	\$0.0000 LB	\$0.00
Green Glass	10,171.8	0.0	10,171.8 LB	\$0.0000 LB	\$0.00
LDPE- Film Plastic (Commercial)	1,266.1	0.0	1,266.1 LB	\$0.0000 LB	\$0.00
Mixed Paper	500,025.5	0.0	500,025.5 LB	\$0.0000 LB	\$0.00
PET Plastic	23,068.9	0.0	23,068.9 LB	\$0.0000 LB	\$0.00
PP Polypropolyene Bottles #5	7,403.5	0.0	7,403.5 LB	\$0.0000 LB	\$0.00
Residue	1,021,810.8	0.0	1,021,810.8 LB	\$0.0000 Ton	\$0.00
Scrap Metal	110,816.3	0.0	110,816.3 LB	\$0.0000 LB	\$0.00
Tin Cans	4,592.3	0.0	4,592.3 LB	\$0.0000 LB	\$0.00
White EPS Styrofoam	1,073.0	0.0	1,073.0 LB	\$0.0000 LB	\$0.00
Purchase Order # 10073	Weight Applied - 2,145,940 Balance Due:				

Rebate to Process - Order #10073	1,072.97	0.00	1,072.97 Ton	\$7.3500 Ton	\$7,886.33
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\$7,886.33

Cash Paid \$0.00
Check Paid \$0.00
Check Number 0

RECEIVED BY: _____

Certified Weighmaster: Carmen Martinez

12/18/2019 10:53:30AM

Agua Mansa MRF

1830 Agua Mansa Rd
Riverside, CA 92509
951-786-0544 Phone / 951-786-0538 Fax

Proposed Pricing Methodology

Purchase Ticket

Purchase Ticket # **35717**
Purchase Date **11/30/19**

City Collected Stream

Customer:

City Of Riverside - Res REC - Acct 14 - CS0385

Dept. of Public Works
3900 Main St.
Riverside, CA 92522

Terms 15 Days Net

Item Name	Gross	Tare	Net	Price	Total
#2 HDPE Mixed Color	13,798.4	0.0	13,798.4 LB	\$0.0398 LB	\$549.18
#2 HDPE Natural	23,090.3	0.0	23,090.3 LB	\$0.1456 LB	\$3,361.95
3 Mix Glass	183,542.2	0.0	183,542.2 LB	-\$0.0381 LB	-\$6,992.96
Aluminum Cans	3,497.9	0.0	3,497.9 LB	\$0.1350 LB	\$472.21
Amber Glass	15,901.4	0.0	15,901.4 LB	\$0.0047 LB	\$74.74
BRP Plastic	6,931.4	0.0	6,931.4 LB	\$0.0045 LB	\$31.19
Cardboard	193,928.6	0.0	193,928.6 LB	\$0.0067 LB	\$1,299.32
Flint Glass	25,021.7	0.0	25,021.7 LB	\$0.0056 LB	\$140.12
Green Glass	10,171.8	0.0	10,171.8 LB	\$0.0004 LB	\$4.07
LDPE- Film Plastic (Commercial)	1,266.1	0.0	1,266.1 LB	\$0.0120 LB	\$15.19
Mixed Paper	500,025.5	0.0	500,025.5 LB	-\$0.0074 LB	-\$3,700.19
PET Plastic	23,068.9	0.0	23,068.9 LB	\$0.0265 LB	\$611.32
PP Polypropolyene Bottles #5	7,403.5	0.0	7,403.5 LB	\$0.0120 LB	\$88.84
Residue	1,021,810.8	0.0	1,021,810.8 LB	-\$50.2900 Ton	-\$25,693.43
Scrap Metal	110,816.3	0.0	110,816.3 LB	\$0.0040 LB	\$443.27
Tin Cans	4,592.3	0.0	4,592.3 LB	\$0.0141 LB	\$64.75
White EPS Styrofoam	1,073.0	0.0	1,073.0 LB	\$0.0240 LB	\$25.75

Purchase Order # **10426** Weight Applied - 2,145,940 Balance Due:

Totals:	2,145,940.1	0.0	2,145,940.1		-\$29,204.68
30 % CRV:#2 HDPE Mixed Color	144.88	0.00	144.88 each	\$1.0000 each	\$144.88
30 % CRV:#2 HDPE Natural	242.45	0.00	242.45 each	\$1.0000 each	\$242.45
30 % CRV:3 Mix Glass	1,181.09	0.00	1,181.09 each	\$1.0000 each	\$1,181.09
30 % CRV:Aluminum Cans	1,678.98	0.00	1,678.98 each	\$1.0000 each	\$1,678.98
30 % CRV:Amber Glass	186.05	0.00	186.05 each	\$1.0000 each	\$186.05
30 % CRV:Flint Glass	292.76	0.00	292.76 each	\$1.0000 each	\$292.76
30 % CRV:Green Glass	119.01	0.00	119.01 each	\$1.0000 each	\$119.01
30 % CRV:PET Plastic	4,083.19	0.00	4,083.19 each	\$1.0000 each	\$4,083.19
Processing Fee - Order #10426	1,072.97	0.00	1,072.97 Ton	-\$58.2500 Ton	-\$62,500.50

-\$83,776.77

Cash Paid \$0.00
Check Paid \$0.00
Check Number 0

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Certified Weighmaster: Carmen Martinez

12/18/2019 12:50:33PM

Agua Mansa MRF

MRF Characterization / Allocation Study

Characterization Name: **Res - Acct 14 - City of Riverside - CS0385 -1**
For Customer / City: City Of Riverside - Res REC - Acct 14 - CS0385
Primary Item Name: Res Recy

Study Date 9/1/19
Study Weight
Performed By

Activated Date 9/1/19

Item Breakdown

Item	Percentage
3 Mix Glas	8.5530
Alum Cans	0.1630
Amber	0.7410
BRP	0.3230
Coml Film	0.0590
Flint	1.1660
Green	0.4740
HDPE M/C	0.6430
HDPE N	1.0760
Metal	5.1640
MP	23.3010
OCC	9.0370
PET	1.0750
PP#5	0.3450
Residue	47.6160
Tin Cans	0.2140
White EPS	0.0500
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Notes

Current Pricing Methodology

Agua Mansa MRF

1830 Agua Mansa Rd
Riverside, CA 92509
951-786-0544 Phone / 951-786-0538 Fax

Purchase Ticket

Purchase Ticket # **35711**
Purchase Date **11/30/19**

Burrtec Collected Stream

Customer:

Burrtec - City of Riverside Residential - CS0385

Dept. of Public Works
3900 Main St.
Riverside, CA. 92522

Terms 15 Days Net

Item Name	Gross	Tare	Net	Price	Total
#2 HDPE Mixed Color	14,470.4	0.0	14,470.4 LB	\$0.0000 LB	\$0.00
#2 HDPE Natural	36,404.5	0.0	36,404.5 LB	\$0.0000 LB	\$0.00
3 Mix Glass	120,332.8	0.0	120,332.8 LB	\$0.0000 LB	\$0.00
Aluminum Cans	3,503.4	0.0	3,503.4 LB	\$0.0000 LB	\$0.00
Amber Glass	5,635.8	0.0	5,635.8 LB	\$0.0000 LB	\$0.00
BRP Plastic	7,463.7	0.0	7,463.7 LB	\$0.0000 LB	\$0.00
Cardboard	134,041.6	0.0	134,041.6 LB	\$0.0000 LB	\$0.00
Flint Glass	13,861.1	0.0	13,861.1 LB	\$0.0000 LB	\$0.00
Green Glass	13,708.8	0.0	13,708.8 LB	\$0.0000 LB	\$0.00
LDPE- Film Plastic (Commercial)	609.3	0.0	609.3 LB	\$0.0000 LB	\$0.00
Mixed Paper	419,032.3	0.0	419,032.3 LB	\$0.0000 LB	\$0.00
PET Plastic	105,557.8	0.0	105,557.8 LB	\$0.0000 LB	\$0.00
PP Polypropolyene Bottles #5	10,510.1	0.0	10,510.1 LB	\$0.0000 LB	\$0.00
Residue	576,683.5	0.0	576,683.5 LB	\$0.0000 Ton	\$0.00
Scrap Metal	58,795.5	0.0	58,795.5 LB	\$0.0000 LB	\$0.00
Tin Cans	1,980.2	0.0	1,980.2 LB	\$0.0000 LB	\$0.00
White EPS Styrofoam	609.3	0.0	609.3 LB	\$0.0000 LB	\$0.00
Purchase Order # 10074	Weight Applied - 1,523,200 Balance Due:				

Rebate to Process - Order #10074 761.60 0.00 761.60 Ton \$7.3500 Ton \$5,597.76

\$5,597.76

Cash Paid \$0.00
Check Paid \$0.00
Check Number 0

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Certified Weighmaster: Carmen Martinez

12/18/2019 10:53:55AM

Proposed Pricing Methodology

Agua Mansa MRF

1830 Agua Mansa Rd

Riverside, CA 92509

951-786-0544 Phone / 951-786-0538 Fax

Purchase Ticket

Purchase Ticket # **35718**

Purchase Date **11/30/19**

Burrtec Collected Stream

Customer:

Burrtec - City of Riverside Residential - CS0385

Dept. of Public Works

3900 Main St.

Riverside, CA. 92522

Terms

15 Days Net

Item Name	Gross	Tare	Net	Price	Total
#2 HDPE Mixed Color	14,470.4	0.0	14,470.4 LB	\$0.0398 LB	\$575.92
#2 HDPE Natural	36,404.5	0.0	36,404.5 LB	\$0.1456 LB	\$5,300.49
3 Mix Glass	120,332.8	0.0	120,332.8 LB	-\$0.0381 LB	-\$4,584.68
Aluminum Cans	3,503.4	0.0	3,503.4 LB	\$0.1350 LB	\$472.95
Amber Glass	5,635.8	0.0	5,635.8 LB	\$0.0047 LB	\$26.49
BRP Plastic	7,463.7	0.0	7,463.7 LB	\$0.0045 LB	\$33.59
Cardboard	134,041.6	0.0	134,041.6 LB	\$0.0067 LB	\$898.08
Flint Glass	13,861.1	0.0	13,861.1 LB	\$0.0056 LB	\$77.62
Green Glass	13,708.8	0.0	13,708.8 LB	\$0.0004 LB	\$5.48
LDPE- Film Plastic (Commercial)	609.3	0.0	609.3 LB	\$0.0120 LB	\$7.31
Mixed Paper	419,032.3	0.0	419,032.3 LB	-\$0.0074 LB	-\$3,100.84
PET Plastic	105,557.8	0.0	105,557.8 LB	\$0.0265 LB	\$2,797.28
PP Polypropolyene Bottles #5	10,510.1	0.0	10,510.1 LB	\$0.0120 LB	\$126.12
Residue	576,683.5	0.0	576,683.5 LB	-\$50.2900 Ton	-\$14,500.71
Scrap Metal	58,795.5	0.0	58,795.5 LB	\$0.0040 LB	\$235.18
Tin Cans	1,980.2	0.0	1,980.2 LB	\$0.0141 LB	\$27.92
White EPS Styrofoam	609.3	0.0	609.3 LB	\$0.0240 LB	\$14.62

Purchase Order # **10425**

Weight Applied - 1,523,200 Balance Due:

Totals:	1,523,200.1	0.0	1,523,200.1		-\$11,587.18
30 % CRV:#2 HDPE Mixed Color	151.94	0.00	151.94 each	\$1.0000 each	\$151.94
30 % CRV:#2 HDPE Natural	382.25	0.00	382.25 each	\$1.0000 each	\$382.25
30 % CRV:3 Mix Glass	774.34	0.00	774.34 each	\$1.0000 each	\$774.34
30 % CRV:Aluminum Cans	1,681.61	0.00	1,681.61 each	\$1.0000 each	\$1,681.61
30 % CRV:Amber Glass	65.94	0.00	65.94 each	\$1.0000 each	\$65.94
30 % CRV:Flint Glass	162.17	0.00	162.17 each	\$1.0000 each	\$162.17
30 % CRV:Green Glass	160.39	0.00	160.39 each	\$1.0000 each	\$160.39
30 % CRV:PET Plastic	18,683.72	0.00	18,683.72 each	\$1.0000 each	\$18,683.72
Processing Fee - Order #10425	761.60	0.00	761.60 Ton	-\$58.2500 Ton	-\$44,363.20

-\$33,888.02

Cash Paid \$0.00
Check Paid \$0.00
Check Number 0

RECEIVED BY: _____

Certified Weighmaster: Carmen Martinez

12/18/2019 12:50:36PM

MRF Characterization / Allocation Study

Characterization Name: **Res - Acct 1 - City of Riverside - CS0385 11/**
 For Customer / City: **Burrtec - City of Riverside Residential - CS0385**
 Primary Item Name: **Res Recy**

Study Date **8/1/19**
 Study Weight
 Performed By

Activated Date **8/1/19**

Item Breakdown

Item	Percentage
3 Mix Glas	7.9000
Alum Cans	0.2300
Amber	0.3700
BRP	0.4900
Coml Film	0.0400
Flint	0.9100
Green	0.9000
HDPE M/C	0.9500
HDPE N	2.3900
Metal	3.8600
MP	27.5100
OCC	8.8000
PET	6.9300
PP#5	0.6900
Residue	37.8600
Tin Cans	0.1300
White EPS	0.0400
	100.0000

Notes