

# Solid Waste & Recycling Stakeholder Group



**James R. Clinch, PE** Director of Public Works & Asset Management  
**Bob Moroni** Solid Waste & Recycling Superintendent  
**10.13.2020**

# Stakeholder Group Summary

- 1<sup>st</sup> Meeting was on February 1, 2019
- Held 12 Meetings
- All In-house work
  - PW, Finance, City Clerk, PIO
- Implemented significant operational changes



# Stakeholder Accomplishments:

1. Approved Rate Increase Schedule:  
FY17=5%; FY18=5%; FY19=5%; FY20=4%; FY21=3%; FY22=1%
2. Approved Recycling Surcharge, to keep recycling program operational
3. Prohibited plastic bags from City yard waste collections

# Stakeholder Accomplishments:

4. Supported Automation program for Solid Waste and Recycling
5. Achieved full automation in January 2020
  - Reduced fleet by 9 vehicles
  - Staffing levels constant for past 4 years

# Stakeholder Accomplishments:

- 6. Supported Single Stream Recycling
- 7. Achieved full single stream collection in January 2020
- 8. Solid Waste Impact fee - July 14<sup>th</sup> 2020
- 9. New cart fees - Garbage & Recycling

# Stakeholder Accomplishments:

10. Budget Implications for FY21 and future
  - Exceeding reserve minimum for the first time in many years
  - Building Reserve - Future Relocation
  - Provide customers with efficient, cost effective services



# 2020 PUBLIC SURVEY

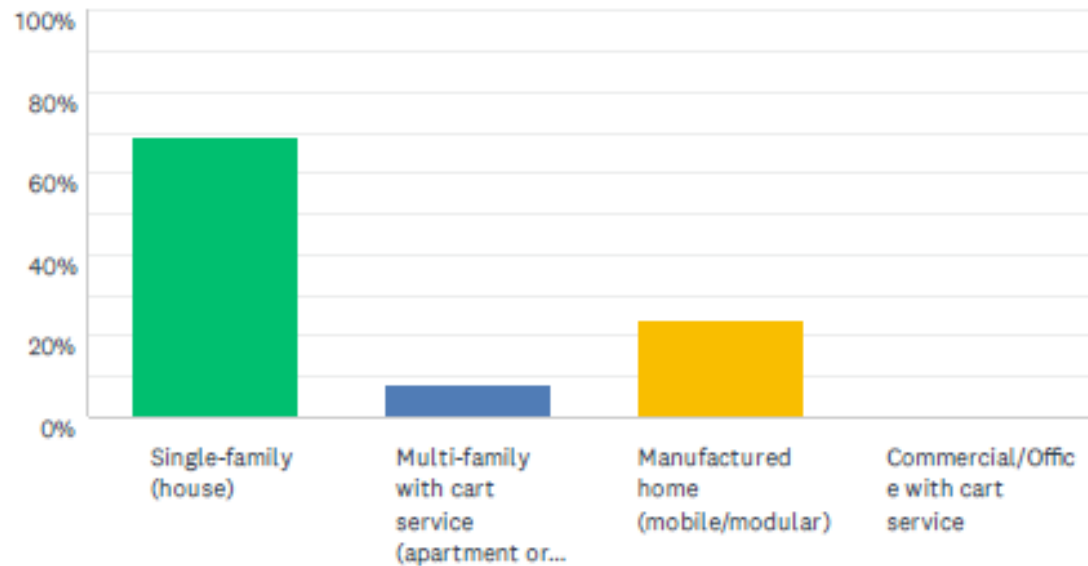
- Total cart customers: 11,000
- Live from July 23 - Sept. 11
- 1,235 City Customer Responses (11.2%)
- 2013 Kessler Survey: 458 responses (<5%)



## City of Venice Solid Waste & Recycling Survey

### Q2 Which of the following best describes the type of home you live in? (Please check only one)

Answered: 1,224 Skipped: 11

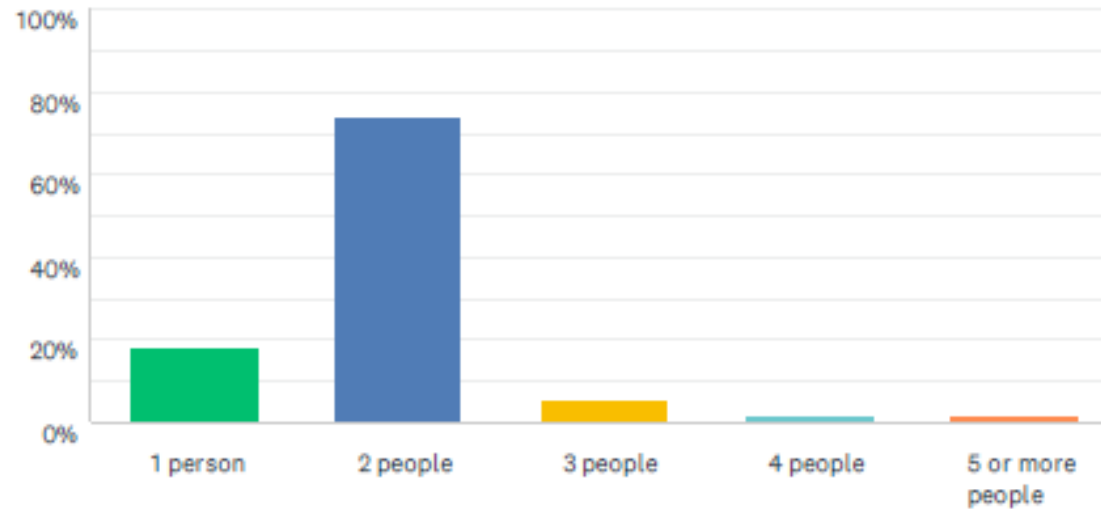


ANSWER CHOICES	RESPONSES	
Single-family (house)	68.95%	844
Multi-family with cart service (apartment or condominium)	7.27%	89
Manufactured home (mobile/modular)	23.53%	288
Commercial/Office with cart service	0.25%	3
TOTAL		1,224



### Q3 How many people live in your household, including yourself?

Answered: 1,224 Skipped: 11



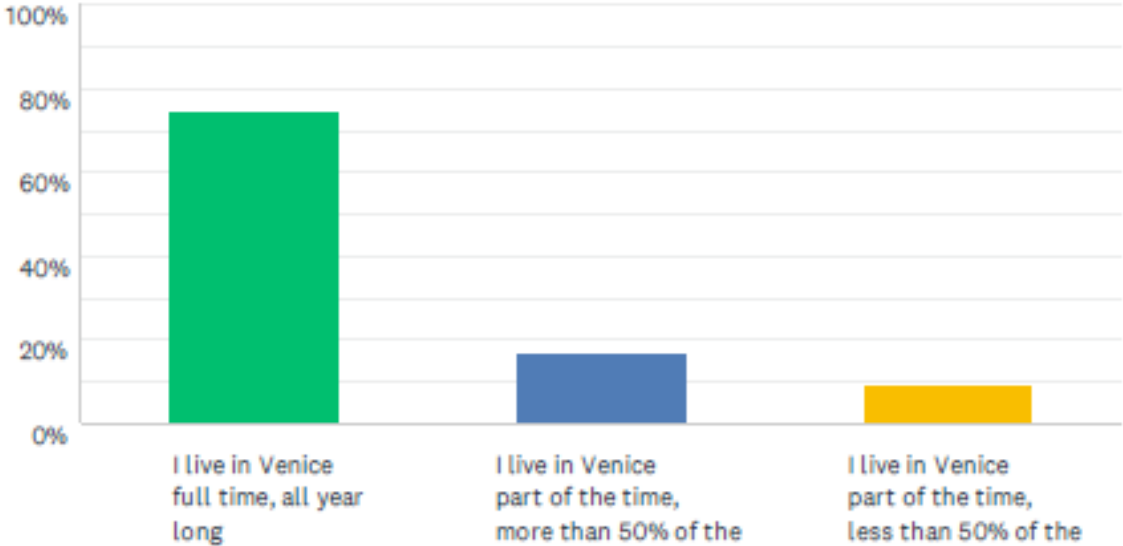
- “Families” = 8.2% of Responses
- 1 or 2 Person Households = 91.8%

ANSWER CHOICES	RESPONSES	
1 person	17.89%	219
2 people	73.94%	905
3 people	4.90%	60
4 people	1.63%	20
5 or more people	1.63%	20
TOTAL		1,224

City of Venice Solid Waste & Recycling Survey

Q4 Which option best describes your typical residency in Venice, FL?

Answered: 1,227    Skipped: 8



- Live in Venice more than 50% of the year = 91% of responses

ANSWER CHOICES	RESPONSES	
I live in Venice full time, all year long	74.57%	915
I live in Venice part of the time, more than 50% of the year	16.46%	202
I live in Venice part of the time, less than 50% of the year	8.96%	110
TOTAL		1,227

Q5 Which option best describes how you utilize your twice-per-week garbage collection?

Answered: 1,224 Skipped: 11



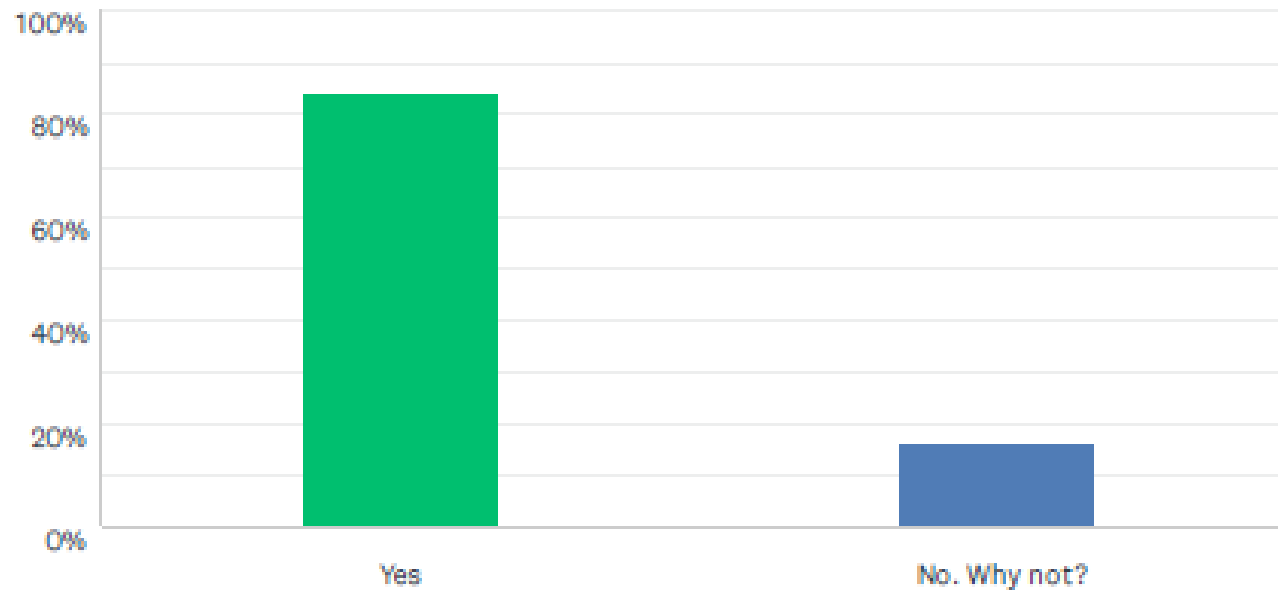
- 75.3% of responses - Typically utilize the twice per week collection

ANSWER CHOICES	RESPONSES	
I typically place my garbage cart out twice per week and it is usually full	29.66%	363
I typically place my garbage cart out twice per week and it is usually half full	45.67%	559
I typically only place my garbage cart out once per week	24.67%	302
TOTAL		1,224

## City of Venice Solid Waste & Recycling Survey

### Q6 Are you satisfied with the current twice-per-week garbage collection?

Answered: 1,226 Skipped: 9



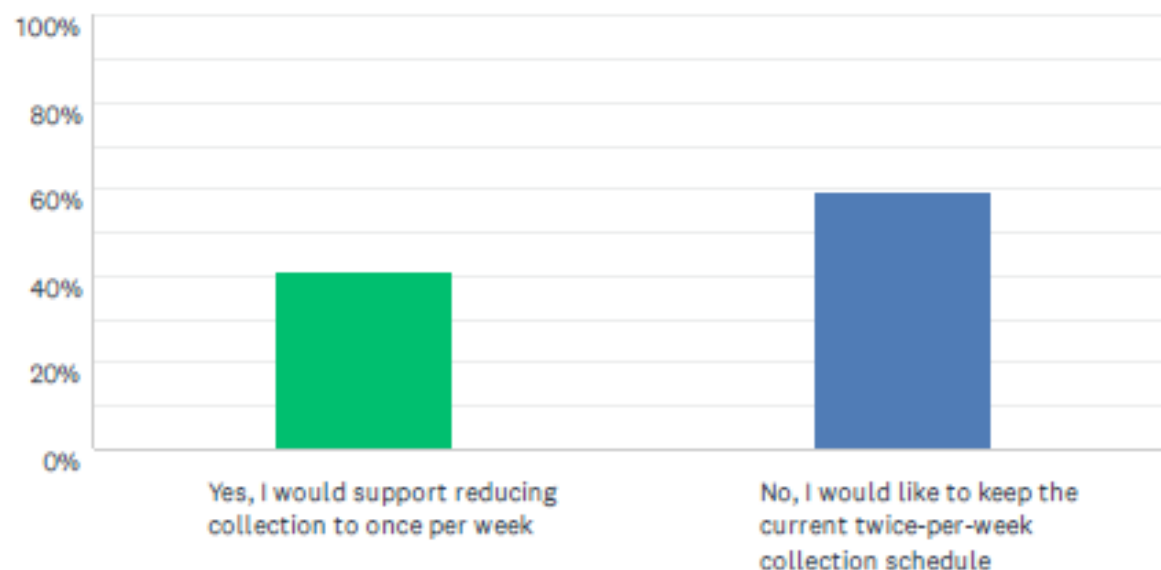
- 84.2% Satisfied with twice per week collection

ANSWER CHOICES		RESPONSES	
Yes		84.26%	1,033
No. Why not?		15.74%	193
TOTAL			1,226

## City of Venice Solid Waste & Recycling Survey

Q7 Would you support reducing the garbage collection frequency to once per week? (The average residential bill would be reduced approximately \$1-\$2 per month.)

Answered: 1,228 Skipped: 7



ANSWER CHOICES	RESPONSES	
Yes, I would support reducing collection to once per week	40.72%	500
No, I would like to keep the current twice-per-week collection schedule	59.28%	728
TOTAL		1,228



## SAVINGS GOING TO 1X PER WEEK

## GARBAGE COLLECTION

FTE's--->	8.63	2.75	5.13	0.75
Vehicles--->	10	3	4	3

-2	3.13
-1	3

## GARBAGE COLLECTION

				Total Budget FY2020							
		Total Budget FY2020		2x per Week		Per ERU	Backup	Savings	Per ERU	1x per Week	
Cost of Service	Budget FY2019	Per ERU	Budget FY2020	Comm & Multi	Comm cans & Res					Comm cans & Res	Per ERU
Direct Costs											
Labor	\$ 610,222	\$ 2.03	\$ 605,605	\$ 192,980	\$ 359,995	\$ 2.43	\$ 52,631	\$ 140,349	\$ 0.95	\$ 219,646	\$ 1.49
Vehicle	1,025,379	3.42	994,196	298,259	397,678	2.69	298,259	99,420	0.67	298,259	2.02
Supplies*	281,500	0.94	197,600	62,966	117,461	0.79	17,173	-	-	117,461	0.79
Total Direct	1,917,101	6.39	1,797,401	554,205	875,134	5.92	368,062	239,768	1.62	635,366	4.30
Indirect											
Admin. staff	339,185	1.13	335,040	106,762	199,161	1.35	29,117	-	-	199,161	1.35
Admin. vehicles	16,698	0.06	16,698	5,321	9,926	0.07	1,451	-	-	9,926	0.07
Indirect costs	408,978	1.36	349,332	111,317	207,656	1.40	30,359	-	-	207,656	1.40
New facility **	123,516	0.41	120,393	38,364	71,566	0.48	10,463	-	-	71,566	0.48
(Revenue offsets)	(33,784)	(0.11)	(37,342)	(11,899)	(22,198)	(0.15)	(3,245)	-	-	(22,198)	(0.15)
Total Indirect	854,593	2.85	784,121	249,865	466,111	3.15	68,145	-	-	466,111	3.15
Total Collection Costs	2,771,694	9.24	2,581,522	804,070	1,341,245	9.07	436,207	239,768	1.62	1,101,477	7.45
Disposal	802,880	2.68	855,380	272,572	508,470	3.44	74,338	-	-	508,470	3.44
Total Costs	\$3,574,574	\$ 11.91	\$ 3,436,902	\$1,076,641	\$1,849,716	\$ 12.51	\$ 510,545	\$ 239,768	\$ 1.62	\$1,609,947	\$ 10.89
Revenue	\$3,322,000	\$ 11.07	\$ 3,379,500	\$1,660,000	\$1,702,000	\$ 11.51	\$ 17,500	\$1,702,000	\$ 11.51	1,702,000	\$ 11.51
Gain (Loss)	\$ (252,574)	(0.84)	\$ (57,402)	\$ 583,359	\$ (147,716)	(1.00)	\$ (493,045)		-	\$ 92,053	0.62

**FY20 RESIDENTIAL TWO-PER-WEEK  
COLLECTION COSTS**  
**TOTAL COST PER ERU = \$12.51**

**FIXED COSTS:**

Disposal = \$3.44

Indirect = \$3.15

Supplies = \$0.79

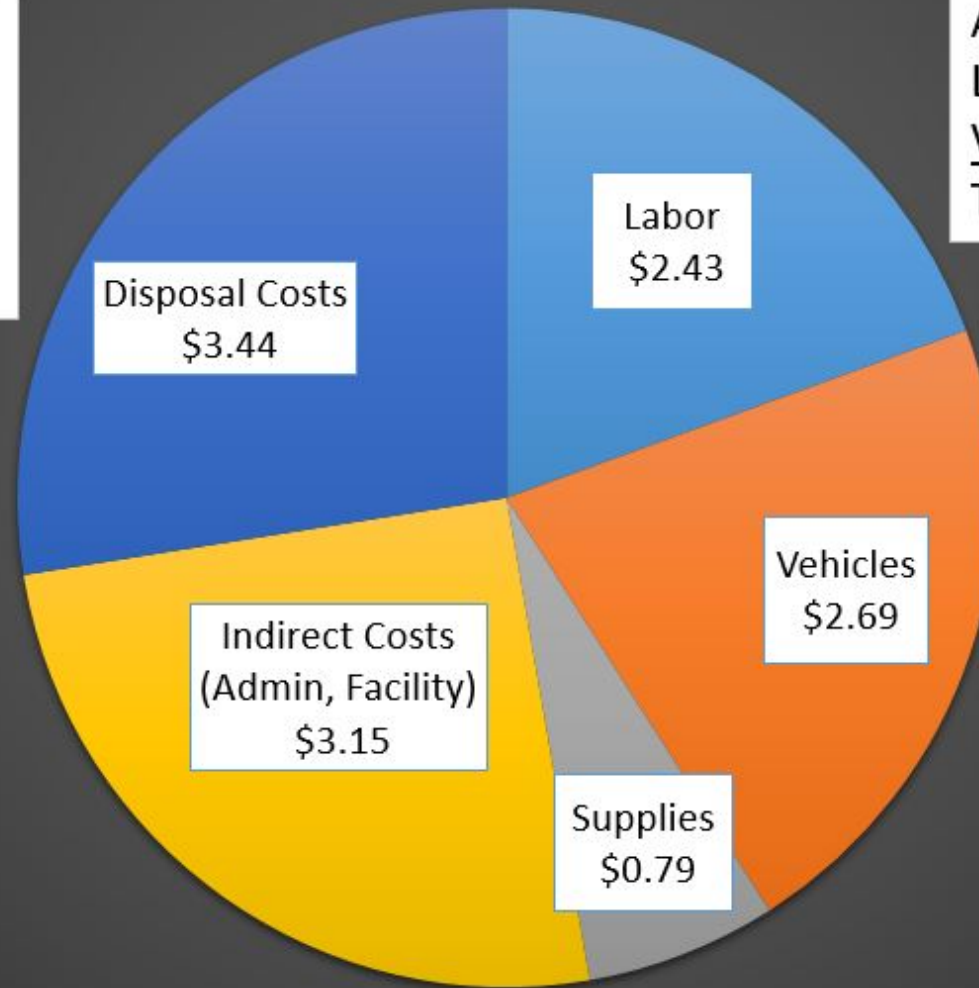
**Total = \$7.38**

**ADJUSTABLE COSTS:**

Labor = \$2.43

Vehicles = \$2.69

**Total = \$5.12**



**FY20 RESIDENTIAL ONE-PER-WEEK  
COLLECTION COSTS**  
**TOTAL COST PER ERU = \$10.89**

**FIXED COSTS:**

Disposal = \$3.44

Indirect = \$3.15

Supplies = \$0.79

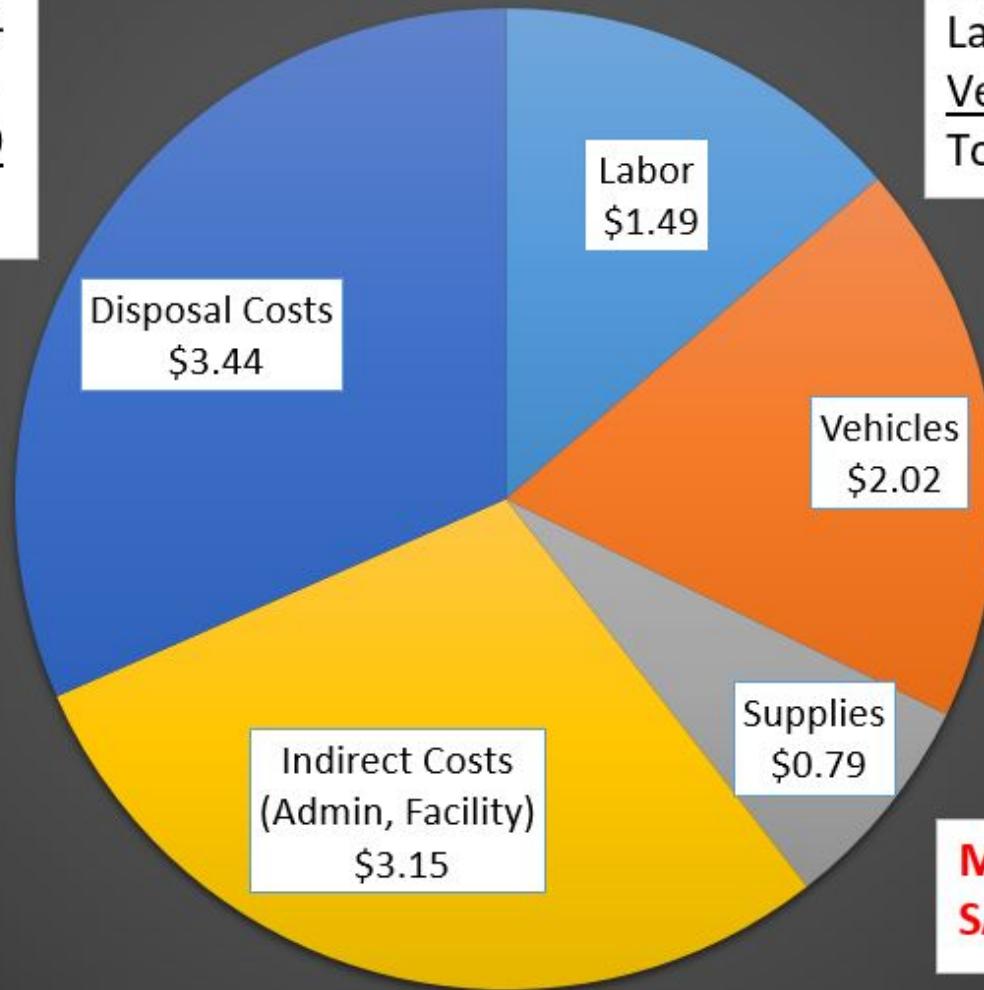
Total = \$7.38

**ADJUSTABLE COSTS:**

Labor = \$1.49

Vehicles = \$2.02

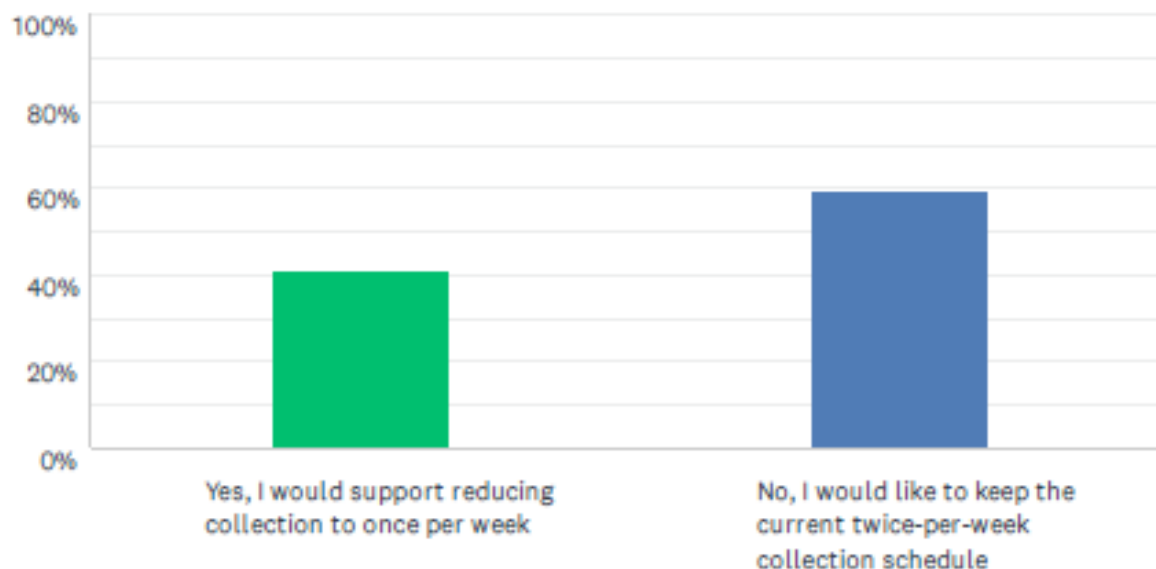
Total = \$3.51



**MONTHLY  
SAVINGS = \$1.62**

Q7 Would you support reducing the garbage collection frequency to once per week? (The average residential bill would be reduced approximately \$1-\$2 per month.)

Answered: 1,228 Skipped: 7

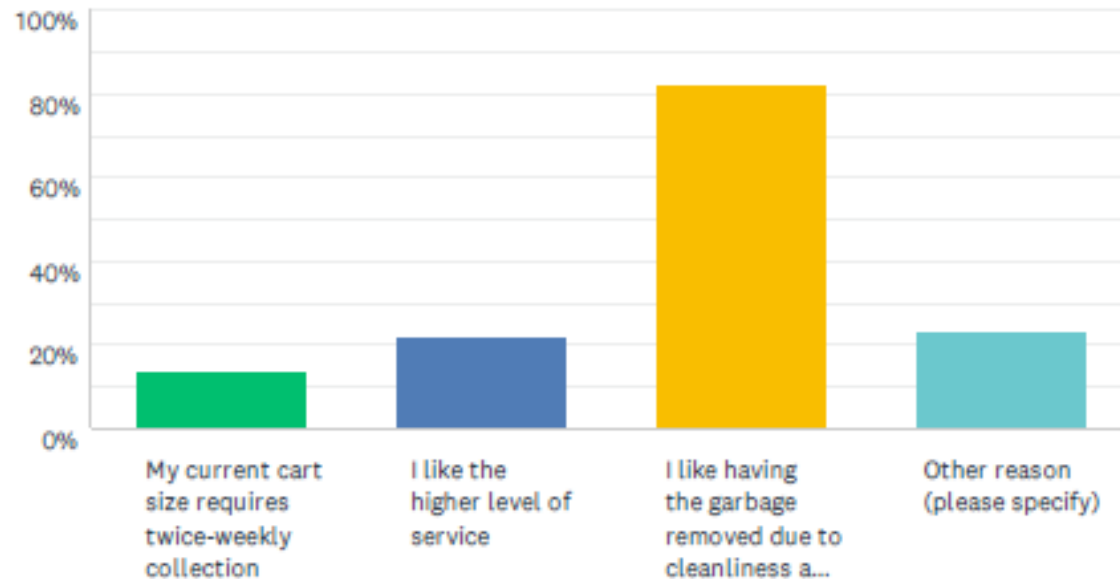


- Majority of responses (59.3%) would like to stay with twice per week
- Not overwhelming

ANSWER CHOICES	RESPONSES	
Yes, I would support reducing collection to once per week	40.72%	500
No, I would like to keep the current twice-per-week collection schedule	59.28%	728
TOTAL		1,228

## Q8 If you would like to keep the current twice-per-week collection schedule, what is the reason? (Select all that apply)

Answered: 900 Skipped: 335



### ANSWER CHOICES

My current cart size requires twice-weekly collection

I like the higher level of service

I like having the garbage removed due to cleanliness and odor concerns

Other reason (please specify)

Total Respondents: 900

### RESPONSES

13.67% 123

21.78% 196

81.89% 737

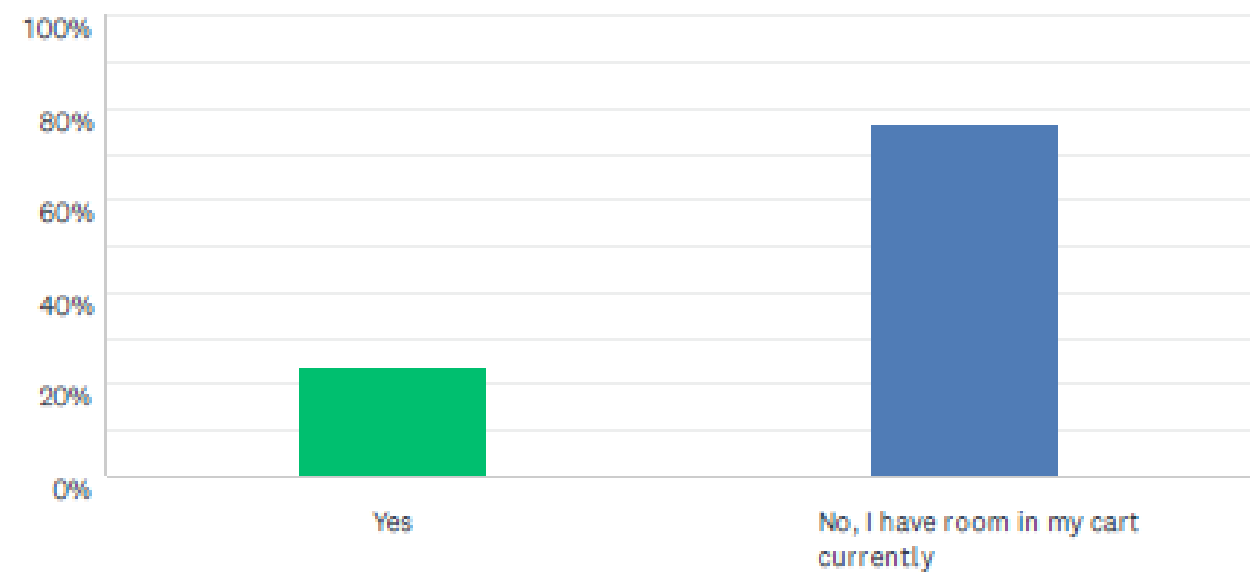
22.89% 206

- Cleanliness #1 Issue
- Florida heat
- More sanitary and less odor



Q9 If the City reduced garbage collection to once per week, would you need a larger or additional cart?

Answered: 1,217    Skipped: 18

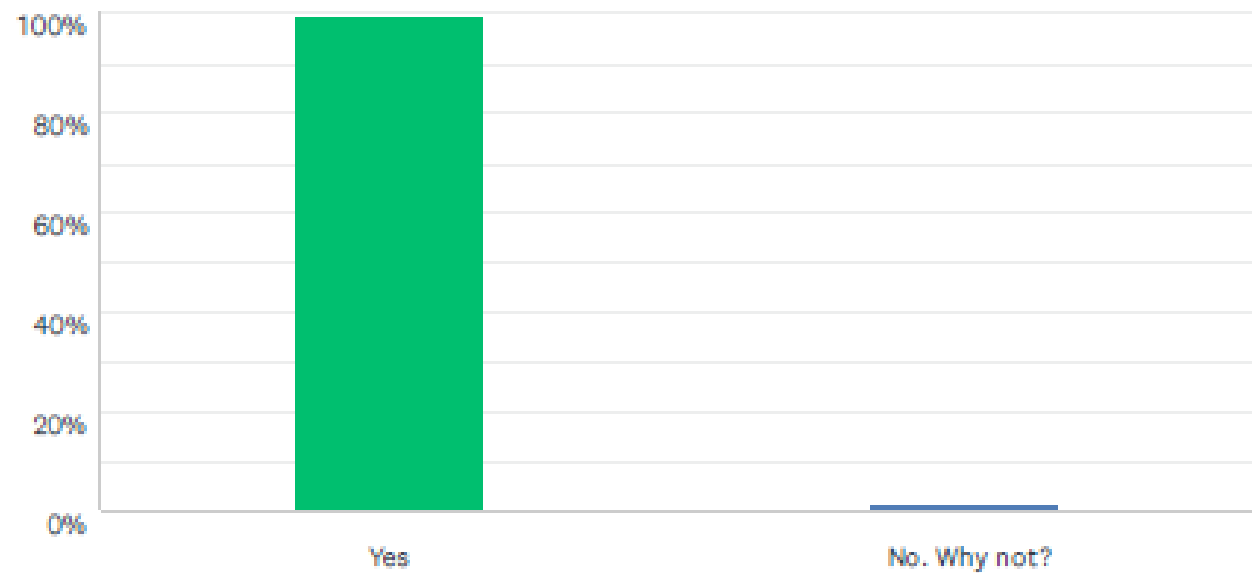


- 23.6% would need larger cart
- 2,600 customers
- \$130,000 new cart costs and labor to swap out

ANSWER CHOICES	RESPONSES	
Yes	23.58%	287
No, I have room in my cart currently	76.42%	930
TOTAL		1,217

Q10 Does your household participate in the City's recycling program (blue carts)?

Answered: 1,231 Skipped: 4

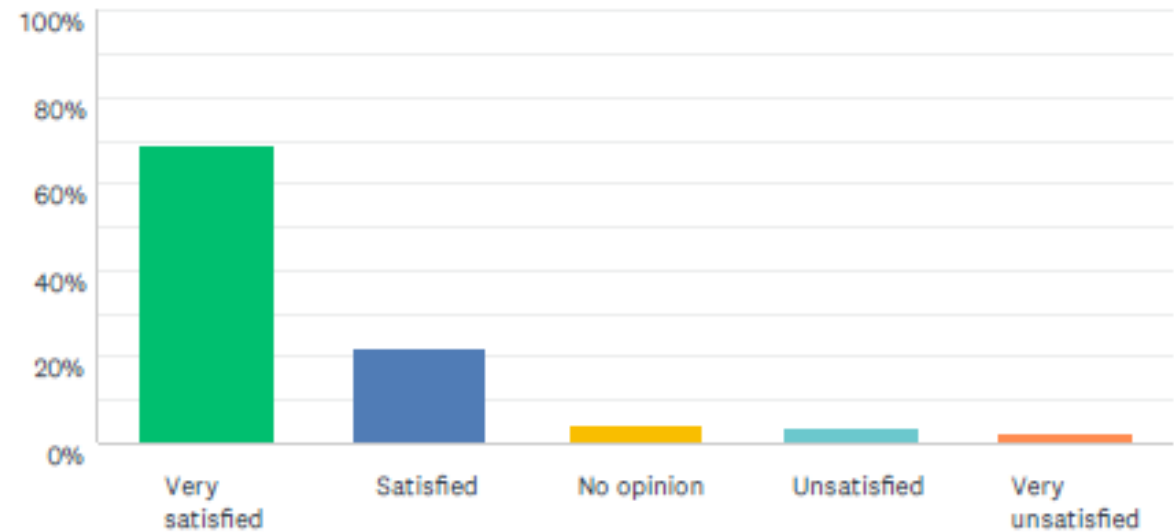


- Great testament to our community!
- Recycling is very important to our customers

ANSWER CHOICES	RESPONSES	
Yes	99.03%	1,219
No. Why not?	0.97%	12
TOTAL		1,231

Q11 How satisfied are you with your new single-stream recycling cart?

Answered: 1,232 Skipped: 3

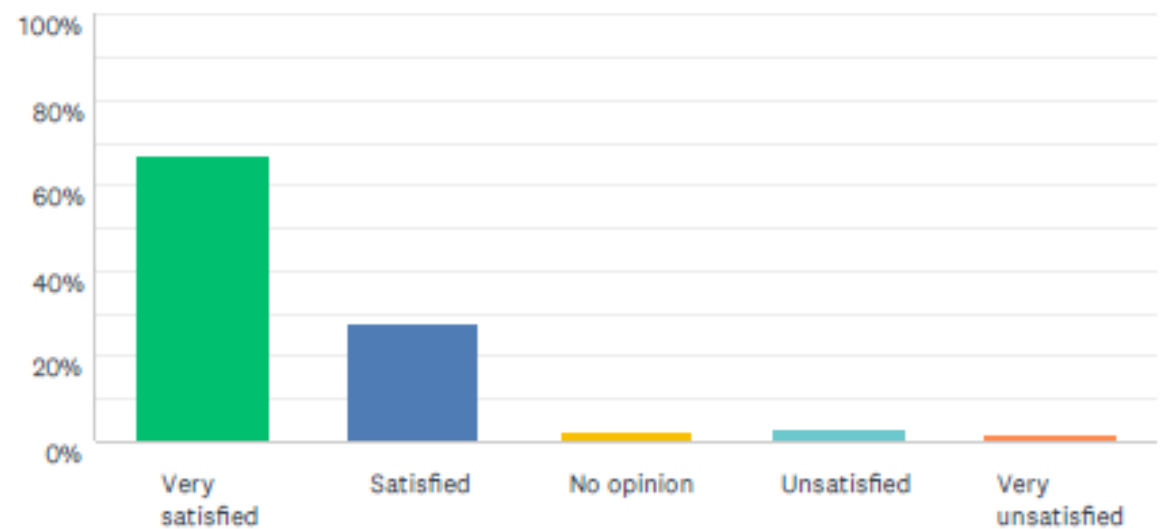


- 90.8% Satisfied or Very Satisfied with the new recycling carts
- 5.2% Unsatisfied (storage issues)

ANSWER CHOICES	RESPONSES	
Very satisfied	68.51%	844
Satisfied	22.24%	274
No opinion	4.06%	50
Unsatisfied	3.17%	39
Very unsatisfied	2.03%	25
TOTAL		1,232

Q13 Overall, how satisfied are you with City of Venice Solid Waste and Recycling services?

Answered: 1,231   Skipped: 4

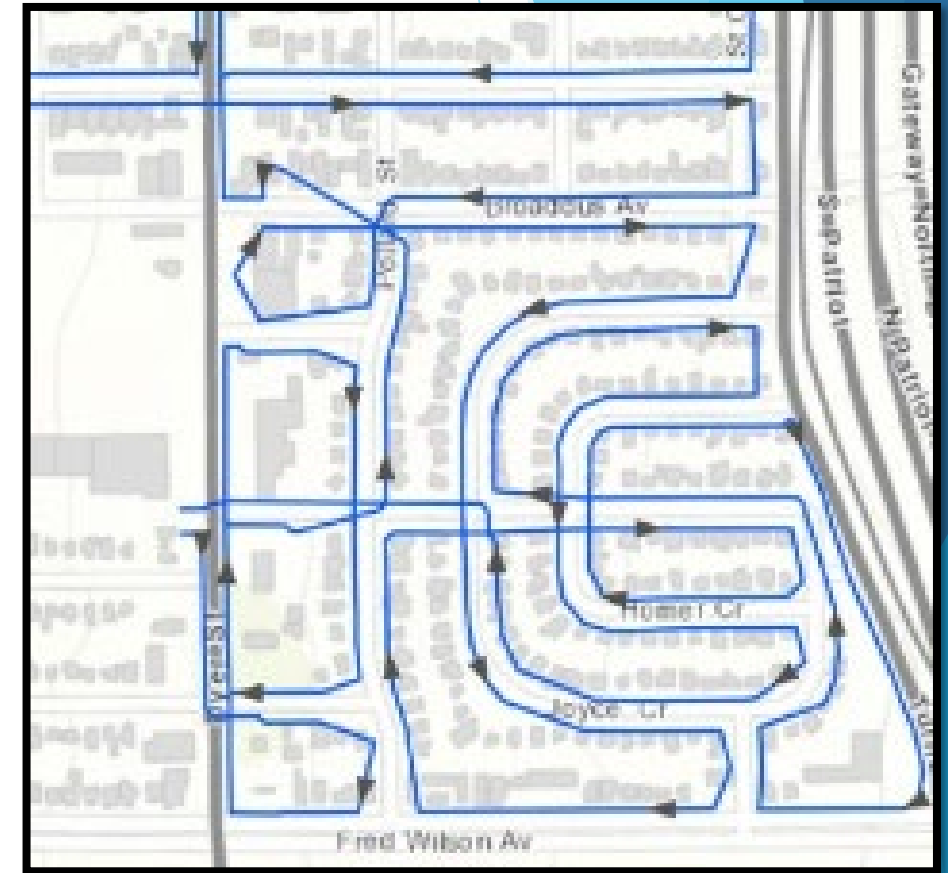


- 94.2% Satisfied or Very Satisfied with services
- 3.8% Unsatisfied with services

ANSWER CHOICES	RESPONSES	
Very satisfied	66.94%	824
Satisfied	27.29%	336
No opinion	1.95%	24
Unsatisfied	2.44%	30
Very unsatisfied	1.38%	17
TOTAL		1,231

# Garbage Collection Frequency:

1. Requesting Council policy direction so we can optimize our residential routes
2. Operationally, we can do either 1-per-week or 2-per-week
3. Many communities 2-per-week
  - Punta Gorda, Naples, Manatee County, Collier County





# Garbage Collection Frequency:

1. 9/18/20 - SW Stakeholder Group Recommended continuing with 2-Per Week collection (5-2 vote)
2. City SW Staff Recommend continuing with 2-Per Week collection - Level of Service & Cleanliness

- Venice Gondolier  
Jan. 27, 1950



# - DISCUSSION -

