

MINUTES

CITY COUNCIL MEETING

MAY 21, 2019

CALL TO ORDER – Roll Call and Determination of a Quorum

The Parker City Council met in a regular meeting on the above date at Parker City Hall, 5700 E. Parker Road, Parker, Texas, 75002.

Mayor Lee Pettle called the meeting to order at 7:03 p.m. Councilmembers Diana M. Abraham, Psy.D., Cindy Meyer, Edwin Smith, Ed Standridge and Patrick Taylor were present.

Staff Present: City Administrator Luke Olson, Asst. City Administrator/City Secretary Patti Scott Grey, Finance/H.R. Manager Grant Savage, City Attorney Brandon Shelby (arrived at 7:07 p.m.), City Engineer John Birkhoff, P.E., Fire Chief Mike Sheff, Police Chief Richard Brooks, and Public Works Director Gary Machado,

PLEDGE OF ALLEGIANCE

AMERICAN PLEDGE: John Griego led the pledge.

TEXAS PLEDGE: Trudy Jackson led the pledge.

PUBLIC COMMENTS

The City Council invites any person with business before the Council to speak. No formal action may be taken on these items at this meeting. Please keep comments to 3 minutes.

Billy Barron, 6707 Overbrook Drive, said he lived in Plano, Texas, for twenty years and recalled he had reliable electric service through Oncor Electric. Mr. Barron then commented over the past weekend, he and his neighbors were without power for some five (5) hours one day and there were several power outages over the next few days. He asked that the City do what it can to encourage Oncor to improve services. Mr. Barron also said he would like the City's Noise Ordinance revisited. He said he would like to see a Citizen Noise Committee formed to review the Noise Ordinance further.

John Griego, 6601 Poco Drive, thanked Mayor Lee Pettle and Councilmembers Cindy Meyer and Diana Abraham for coming to his and his wife, Jennifer Hollin's, home Saturday during the storms to check on his wife's safety. Mr. Griego said the City has had 100-year rain events the last four (4) years and he would like help and/or direction on drainage issues, affecting his home/neighborhood. He said members of the City's Drainage Committee did come out, but they did not find problems at that time. Mr. Griego said he is not sure whose problem it is, but his neighborhood is underwater during these events.

Mayor Pettle read Andy Redmond's email into the record. Mr. Redmond, 7275 Moss Ridge Road, voiced concern regarding Resolution No. 2019-605, authorizing a Republic Services rate adjustment. (See Exhibit 1 – Andy Redmond's email, dated May 21, 2019.)

PROCLAMATION(S)

Mayor Lee Pettle presented a proclamation, recognizing May 2019 as "Motorcycle Safety and Awareness Month" in Parker, Texas.

Mayor Lee Pettle presented a proclamation, recognizing May 2019 as “Asian American Heritage Month” in Parker, Texas.

ITEMS OF COMMUNITY INTEREST

- MONDAY, JUNE 10, 2019, 7:00 PM, HOME RULE CHARTER COMMISSION (HRCC) MEETING
- PROJECTED 2019 TAX RATE PLANNING CALENDAR

CONSENT AGENDA Routine Council business. Consent Agenda is approved by a single majority vote. Items may be removed for open discussion by a request from a Councilmember or member of staff.

1. APPROVAL OF MEETING MINUTES FOR APRIL 2, 2019. [SCOTT GREY]
2. APPROVAL OF MEETING MINUTES FOR APRIL 9, 2019. [SCOTT GREY]
3. INVESTMENT QUARTERLY REPORT. [SAVAGE]
4. DEPARTMENT REPORTS-ANIMAL CONTROL, BUILDING, COURT, FIRE, POLICE AND WEBSITE
5. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION 2019-603, PROVIDING FOR THE EXECUTION OF AN INTERLOCAL AGREEMENT BETWEEN THE CITY OF PARKER, TEXAS, AND THE CITIES OF PLANO AND ALLEN, TEXAS, FOR COMMUNICATION SERVICES. [BROOKS]
6. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION NO. 2019-604, DENYING ONCOR ELECTRIC DELIVERY COMPANY LLC'S APPLICATION FOR DISTRIBUTION COST RECOVERY FACTOR (DCRF). [SHELBY]

Councilmember Taylor stated he would be abstaining from approval of the April 2, 2019 meeting minutes, stating he was absent, and Councilmember Abraham would be abstaining from the April 2 and 9, 2019 meeting minutes, stating she was not on Council at that time.

Mayor Pettle asked that item #5, Resolution 2019-603, providing for the execution of an Interlocal Agreement (ILA) between the City of Parker, Texas, and the cities of Plano and Allen, Texas, for communication services, be tabled.

MOTION: Councilmember Taylor moved to approve consent agenda items 1-4 and 6, tabling item #5 as requested and with the noted abstentions. Councilmember Smith seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion with Councilmembers Taylor and Abraham again abstaining as requested above. Motion carried 5-0.

INDIVIDUAL CONSIDERATION ITEMS

7. REPUBLIC WASTE QUARTERLY REPORT. [BERNAS]
8. DISCUSSION/CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION NO. 2019-605, AUTHORIZING THE REPUBLIC SERVICES RATE ADJUSTMENT. [BERNAS/OLSON/SAVAGE]

Republic Services, Inc. Division Municipal Services Manager Rick Bernas presented the Republic Services of Plano January through March 2019 1st Quarter Report and annual rate adjustment for the City of Parker, Texas.

MOTION: After questions and discussion, Councilmember Taylor moved to approve Resolution No. 2019-605, authorizing the Republic Services, Inc. rate adjustment as presented. (See Exhibit 2 – Republic Services, Inc. Division Municipal Services Manager Rick Bernas' presentation and City of Parker Solid Waste and Recycle Rate Sheet, Effective: March 1, 2019, dated January 2019.)

Councilmember Smith seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion. Motion carried 5-0.

9. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON WHITESTONE ESTATES PHASE 2 PRELIMINARY PLAT. [MACHADO]

City Engineer John Birkhoff, P.E. with Birkhoff, Hendricks, & Carter, LLP Professional Engineers, 11910 Greenville, Avenue, Suite 600, Dallas, Texas, stated Whitestone Estates Phase 2 Preliminary Plat was found to be in general compliance with the City's development requirements and good engineering practices, noted in Craig M. Kerkhoff, P.E. C.R.M.'s May 2, 2019 letter in tonight's Council packet. Mr. Birkhoff also noted Engineering Concepts and Design, L.P., Richard Hovas was engineer of record and responsible for concept and design of the project.

Engineer Richard Hovas stated the Homeowners' Association is responsible for detention pond maintenance.

Public Works Director Gary Machado also noted on May 9, 2019 the City's Planning and Zoning (P&Z) Commission met and reviewed Whitestone Estates Phase 2 Preliminary Plat, recommending plat approval to City Council.

MOTION: Councilmember Taylor moved to approve Whitestone Estates Phase 2 Preliminary Plat as presented. Councilmember Smith seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion. Motion carried 5-0.

10. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON ORDINANCE NO. 769, UPDATING ORDINANCE NO. 284 (POLICE RESERVE FORCE). [SHELBY/BROOKS] [TABLED – 11132018]

Chief Brooks stated Ordinance No. 284 (Police Reserve Force) originally passed and approved June 10, 1986, needed to be updated.

MOTION: Councilmember Smith moved to approve Ordinance No. 769, updating Ordinance No. 284 (Police Reserve Force). Councilmember Taylor seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion. Motion carried 5-0.

11. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON ORDINANCE NO. 770, UPDATING ORDINANCE NO. 498 (POLICE DEPARTMENT OPERATIONS). [SHELBY/BROOKS] [TABLED – 11132018]

Chief Brooks stated Ordinance No. 498 (Police Reserve Force) originally passed and approved March 13, 2001, was out-of-date.

MOTION: Councilmember Smith moved to approve Ordinance No. 770, updating Ordinance No. 498 (Police Department Operations). Councilmember Abraham seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion. Motion carried 5-0.

12. CONSIDERATION AND/OR ANY APPROPRIATE ACTION ON RESOLUTION NO. 2019-606 APPOINTING A CHIEF INVESTMENT OFFICER AND MEMBERS TO SERVE ON THE INVESTMENT COMMITTEE. [SAVAGE]

Councilmember Taylor said he was unable to continue as the City Chief Investment Officer due to time issues.

Mayor Pro Tem Standridge nominated Councilmember Meyer as Chief Investment Officer. Ms. Meyer respectfully declined. Mayor Pro Tem Standridge nominated Councilmember Smith as Chief Investment Officer. Mr. Smith also respectfully declined due to time restraints, work related travel. Mayor Pro Tem Standridge stated it would be unfair to nominate Mayor Pettle and/or newly elected Councilmember Abraham.

Mayor Pettle confirmed she would not mind continuing in her current position as Investment Official.

Councilmember Smith said he would volunteer to help as an Investment Official.

Mayor Pro Tem Standridge said he saw where this was going and nominated himself, if that was appropriate, for the Chief Investment Officer for the City of Parker.

City Council agreed.

MOTION: Councilmember Taylor moved to approve Resolution No. 2019-606 appointing a Chief Investment Officer and members to serve on the Investment Committee, as follows:

Mayor Pro Tem Ed Standridge
Luke B. Olson
Mayor Lee Pettle
Councilmember Edwin Smith

Chief Investment Officer
City Administrator
Investment Official
Investment Official.

Councilmember Abraham seconded with Councilmembers Abraham, Meyer, Smith, Standridge, and Taylor voting for the motion. Motion carried 5-0.

ROUTINE ITEMS

13. FUTURE AGENDA ITEMS

Mayor Pettle asked if there were any items to be added to the future agenda list. Hearing none, she encouraged everyone to email her any requests.

Mrs. Pettle stated the next regularly scheduled City Council meeting would be Tuesday, June 4, 2019 at 7:00 p.m. and the next Home Rule Charter Commission (HRCC) meeting would be June 10, 2019 at 7:00 p.m.

UPDATE(S):

- PARKER ROAD [MACHADO]

Public Works Director Machado stated Texas Department of Transportation (TxDot) was handling the Parker Road Project and due to weather conditions the scheduled shut down between Hogge Drive and McCreary Road has not been determined. TxDot's projected completion date for the Parker Road is still 2021.

- ACCEPTANCE OF CITY OF PARKER POLICE DEPARTMENT AND FIRE DEPARTMENT DONATIONS FOR THE RECORD (RALPH & KATHRYN WHITE) [PETTLE]

- Check #2491 - \$100.00 and Check #2703 - \$100.00

As required by Resolution No. 2016-520, Mayor Pettle accepted both of Ralph and Kathryn White's \$100.00 check donations to the City of Parker Fire and Police Departments for the record. The Mayor, City Council, and staff thanked the Whites for their generous donation.

EXECUTIVE SESSION - Pursuant to the provisions of Chapter 551, Texas Government Code, Vernon's Texas Codes Annotated the City Council may hold a closed meeting.

14. RECESS TO CLOSED EXECUTIVE SESSION IN ACCORDANCE WITH THE AUTHORITY CONTAINED IN:

- a. Government Code Section 551.074 Personnel—To deliberate the appointment, employment, evaluation, reassignment, duties, discipline, or dismissal of a public officer or employee.
- b. Government Code Section 551.071(1)—Consultation with City Attorney concerning Pending or Contemplated Litigation
- c. Government Code Section 551.071(2) – Consultation with Attorney on a matter in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas Clearly conflicts with this chapter (Open Meetings Act)

Mayor Lee Pettle recessed the regular meeting to Executive Session at 8:36 p.m.

15. RECONVENE REGULAR MEETING.

Mayor Lee Pettle reconvened the meeting at 9:09 p.m.

16. ANY APPROPRIATE DELIBERATION AND/OR ACTION ON ANY OF THE EXECUTIVE SESSION SUBJECTS LISTED ABOVE.

No action was taken.

17. ADJOURN

Mayor Lee Pettle adjourned the meeting at 9:10 p.m.



ATTESTED:

Patti Scott Grey, City Secretary

APPROVED:

Mayor Lee Pettle

Approved on the 18th day
of June, 2019.

From: [andy redmond](#)
To: [Patti Grey](#)
Subject: Resolution 2019-605
Date: Tuesday, May 21, 2019 1:48:34 PM
Attachments: [image001.png](#)

Ms. Grey: Requesting to submit for tonite's council meeting due to my inability to attend in person.

Thanks! Andy

>>

Dear Mayor Pettle and Council:

I'm Andy Redmond of 7275 Moss Ridge Rd.

Please vote no on the resolution (2019-605) to increase Republic Services waste fees.

Although it seems such a small amount of increase-- over several years, a decade etc. these small increases really do add substantial costs to the City residents.

Further, I've pasted Page 33, from their "2018 Annual Report to Shareholders" inline below. You will notice they are and have historically been profitable. This trend is likely—even without a rate increase to the City of Parker contract. (link will go to Republic's 2018 Annual Report-- <http://phx.corporate-ir.net/phoenix.zhtml?c=82381&p=irol-reportsannual>)

Finally, if we are seeing an increase to be/promote being "green," I see no real support that a rate increase will promote such, based on the power point (agenda submission by Republic).

Thanks for your time and consideration.

Best Regards,
Andy Redmond

P.S. So pleased to see that the proposed Oncor rate increase was a no vote from our council!

>>>

From pg. 33, 2018 Republic Services Annual Report

	Years Ended December 31,				
	2018	2017	2016	2015	2014
Statement of Income Data:					
Revenue	\$10,040.9	\$10,041.5	\$ 9,387.7	\$ 9,115.0	\$ 8,803.3
Expenses:					
Cost of operations	6,150.0	6,214.6	5,764.0	5,518.6	5,643.1
Depreciation, amortization and depletion	1,033.4	1,036.3	991.1	970.6	906.9
Accretion	80.7	79.8	79.1	79.4	78.0
Selling, general and administrative	1,059.5	1,057.4	969.8	983.1	918.9
Withdrawal costs – multiemployer pension funds	-	1.2	5.6	4.5	1.5
Gain on business divestitures and impairments, net	(44.9)	(33.9)	(0.1)	-	20.0
Restructuring charges	26.4	17.6	40.7	-	1.8
Operating income	1,735.8	1,668.5	1,537.5	1,558.8	1,233.1
Interest expense	(383.8)	(361.9)	(371.3)	(364.9)	(348.7)
Loss from unconsolidated equity method investments	(35.8)	(27.4)	(6.1)	-	-
Loss on extinguishment of debt	(0.3)	(0.8)	(196.2)	-	(1.4)
Interest income	1.6	1.0	0.9	0.8	0.6
Other income, net	3.4	2.7	1.1	1.2	1.7
Income before income taxes	1,320.9	1,282.1	965.9	1,195.9	885.3
Provision for income taxes	283.3	3.1	352.7	445.5	337.4
Net income	1,037.6	1,279.0	613.2	750.4	547.9
Net income attributable to noncontrolling interests in consolidated subsidiary	(0.7)	(0.6)	(0.6)	(0.5)	(0.3)
Net income attributable to Republic Services, Inc.	<u>\$ 1,036.9</u>	<u>\$ 1,278.4</u>	<u>\$ 612.6</u>	<u>\$ 749.9</u>	<u>\$ 547.6</u>
Basic earnings per share attributable to Republic Services, Inc. stockholders:					
Basic earnings per share	<u>\$ 3.17</u>	<u>\$ 3.79</u>	<u>\$ 1.79</u>	<u>\$ 2.14</u>	<u>\$ 1.54</u>
Weighted average common shares outstanding	<u>326.9</u>	<u>337.1</u>	<u>343.0</u>	<u>350.0</u>	<u>356.7</u>
Diluted earnings per share attributable to Republic Services, Inc. stockholders:					
Diluted earnings per share	<u>\$ 3.16</u>	<u>\$ 3.77</u>	<u>\$ 1.78</u>	<u>\$ 2.13</u>	<u>\$ 1.53</u>
Weighted average common and common equivalent shares outstanding	<u>328.4</u>	<u>339.0</u>	<u>344.4</u>	<u>351.4</u>	<u>358.1</u>
Cash dividends per common share	<u>\$ 1.44</u>	<u>\$ 1.33</u>	<u>\$ 1.24</u>	<u>\$ 1.16</u>	<u>\$ 1.08</u>
Statement of Cash Flows Data:					
Cash provided by operating activities	\$ 2,242.8	\$ 1,910.7	\$ 1,847.8	\$ 1,679.7	\$ 1,529.8
Purchases of property and equipment	1,071.8	989.8	927.8	945.6	862.5
Proceeds from the sale of property and equipment	31.6	6.1	9.8	21.2	35.7
Balance Sheet Data:					
Cash and cash equivalents	\$ 70.5	\$ 83.3	\$ 67.8	\$ 32.4	\$ 75.2
Restricted cash and marketable securities	108.1	141.1	90.5	100.3	115.6
Total assets	21,617.0	21,147.0	20,629.6	20,535.9	20,052.4
Total debt	8,337.5	8,187.4	7,658.9	7,532.9	7,019.6
Total stockholders' equity	7,929.5	7,961.1	7,693.7	7,776.6	7,747.8

Exhibit 2



Recycling is Broken

Update – January 2019

Rick Bernas

Manager, Municipal Sales



Recap - Trends Strain Existing Model

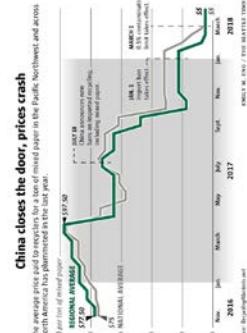
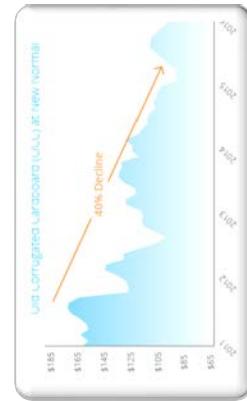
Trends



2000



48,000 plastic bottles = 1 ton¹



Implications

Some material changing faster than capital investment cycles
18M tons in 2000 → ~2M in 2015

Some material has limited end markets
HDPE (Good) → off-spec PET (Limited)

Material Light-weighting skews current success metrics
Water Bottles → Almost 2x transactions

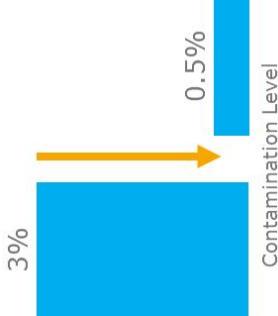
Commodity markets have steadily declined
OCC down 40% → Mixed Paper down 95%

Recap - China Sword Explained

For decades, China has been the largest importer of the world's recycled commodity, and the U.S. was 40% of the inbound stream.

In 2017, China announced efforts to clean up the country, which included dramatic changes for acceptance criteria of imported recyclables.

- A significant reduction in acceptable contamination levels (From ~3% to 0.5%) in any recovered paper and plastic grades.
- Additionally, China banned all mixed paper from import, regardless of contamination levels. (20% of historical stream).



The diagram illustrates a significant reduction in contamination levels. It features two horizontal bars: a larger blue bar on the left labeled '3%' and a much smaller blue bar on the right labeled '0.5%'. A thick orange arrow points from the left bar to the right bar, indicating the direction of the reduction. Below the bars is the text 'Contamination Level'.

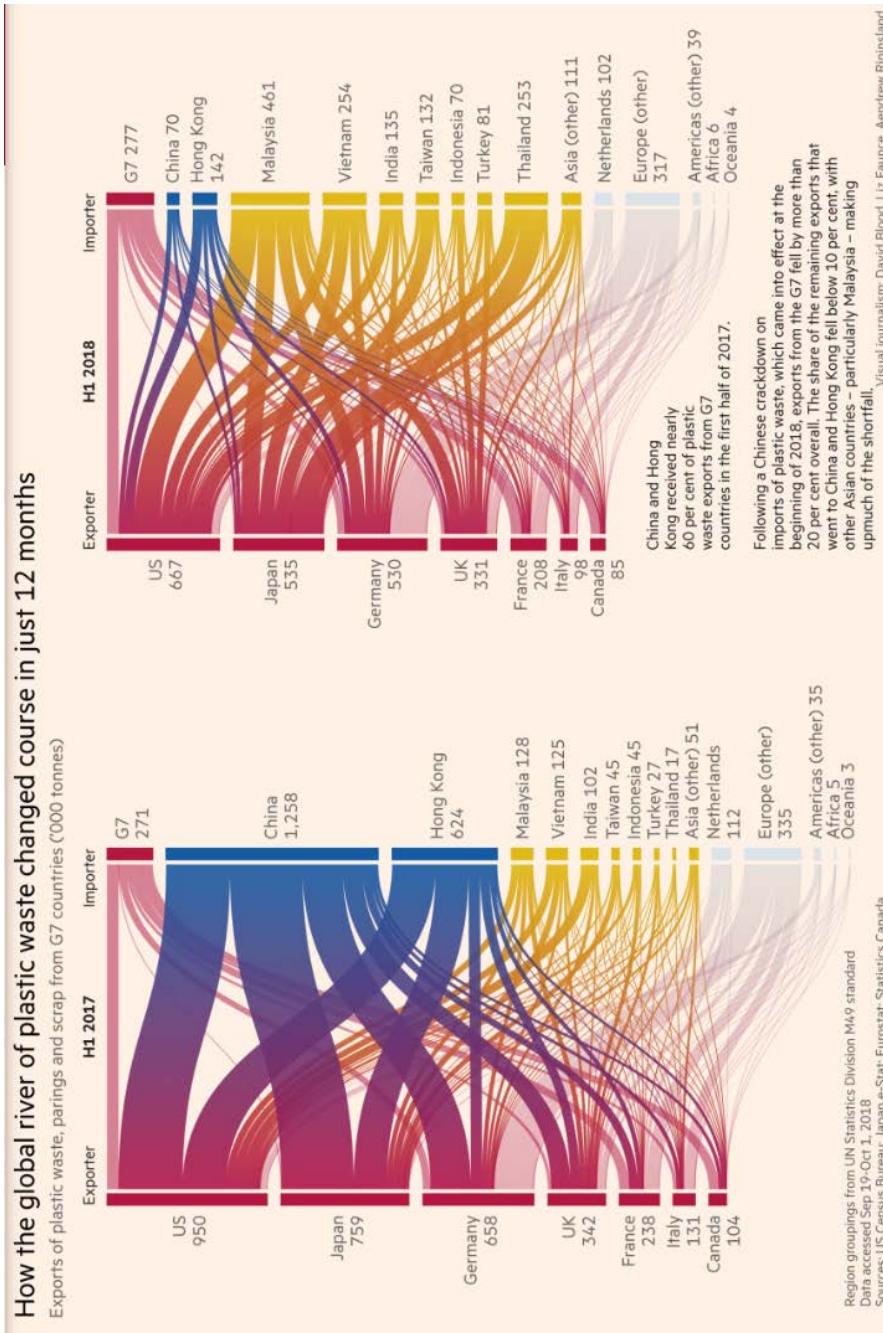


The icon depicts a stack of various types of paper, including white, brown, and patterned sheets, all bound together. To the right of the stack, the text 'Mixed paper' is written in a small, sans-serif font.

Reductions took effect in March 2018, which drove costs and changes at most recycling facilities in the country to meet new standards

Post China – Shift in Commodity Markets

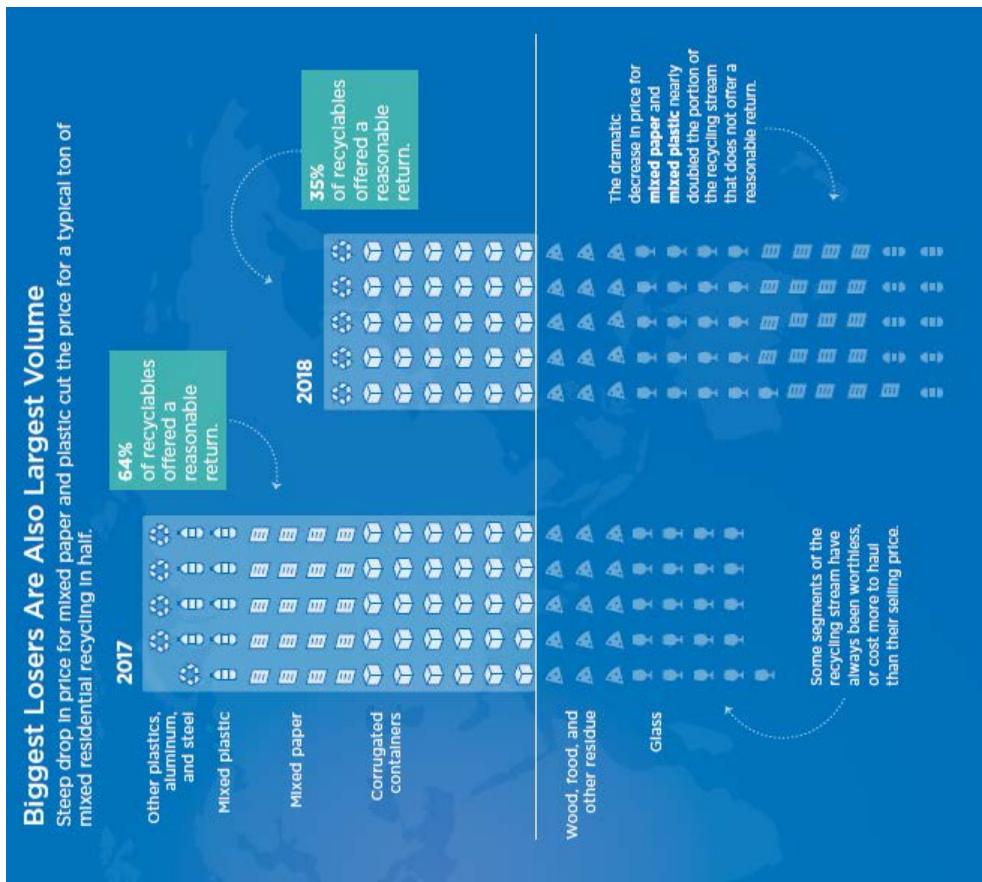
- China consumed a majority of Commodities globally



Source: Financial Times, Oct 24, 2018

Supply and demand economics kick in as commodities flood alternate markets world wide

Post China – Dramatic Shift in Values



- Normal supply and demand theories in play
- Excess material results in low/negative value for most commodities (Mixed Paper and Mixed Plastics)
- Only 35% of processed commodities have current positive value (Metals and OCC)

Source: NLC Report, 2018

Recycling Processors move the material, but average values are down 50% + from recent years

Recycling Costs: Then and Now

THEN		NOW	
Industry Avg	Net Position	Industry Avg	Net Position
Household cost artificially low to foster adoption	\$2.00/Mo	Still artificially low but with higher costs to run Collection service	\$3.00/Mo
Costs lower due to inbound material being cleaner and heavier	\$60/Ton	Dramatically higher costs from labor, technology and equipment, along with lighter material	\$100/Ton
Commodity values strong, due to Supply & Demand and cleaner material	\$200/Ton	Average values down significantly, further impacted by China Sword	\$100/Ton
Low contamination averages, attributed to focus on basics and no diversion mandates	\$25/Ton	Contamination average up to 30%, requiring more transport and disposal	\$50/Ton

$$(\textcolor{orange}{\$3.00/\text{Mo}}) + (\textcolor{orange}{\$1.50/\text{Mo}}) + \textcolor{blue}{\$4.60/\text{Mo}} + \textcolor{blue}{(\$0.10/\text{Mo})} = \textcolor{blue}{\$0.00}$$

Net Position

$$(\textcolor{orange}{\$4.00/\text{Mo}}) + (\textcolor{orange}{\$2.50/\text{Mo}}) + \textcolor{blue}{\$1.50/\text{Mo}} + \textcolor{blue}{(\$0.50/\text{Mo})} = \textcolor{blue}{(\$5.50)}$$

Net Position

COLLECTION	PROCESSING	COMMODITY	RESIDUAL
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COLLECTION



PROCESSING



COMMODITY



RESIDUAL



Recommended Business Model

Durable Recycling Model



COLLECTION

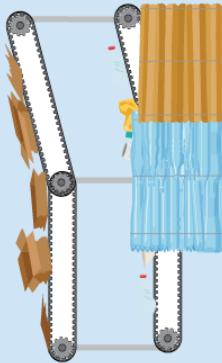
COLLECTION FEE

- Includes costs for truck, driver, container and to collect material and transport to a processing facility
- Comparable to trash collection



PROCESSING FEE

- Includes costly facility, equipment and labor to separate material and remove contamination
- Results in ready-to-ship baled material



RESIDUAL

- Includes all contaminated or non-recyclable material, which has no marketability and must be transported and disposed at a landfill for additional cost



COMMODITY SALES

- Sale of processed material to buyers around the world
- Cleaner material has greater value



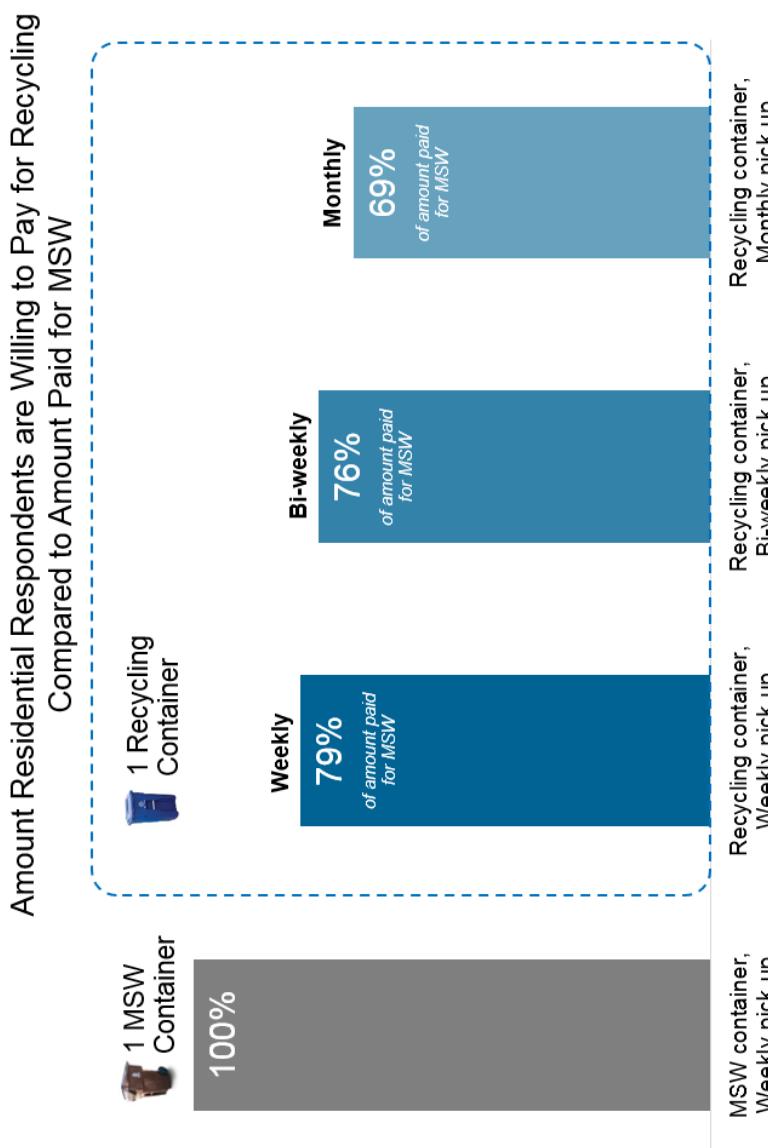
THE COST OF RECYCLING

$$\text{COLLECTION FEE} + \text{PROCESSING FEE} + \text{DISPOSAL OF RESIDUAL} = \text{COMMODITY SALES} - \text{THE COST OF RECYCLING}$$

The cost of a recycling program is the sum of fees for two services; the **Collection Fee** and the **Net Processing Fee**

Residential Willingness to Pay for Recycling

Residential respondents are willing to pay an estimated 79% of what they pay for MSW for a recycling container picked up weekly, and almost the same for bi-weekly.



n=2,434; Margin of error: +/- 2% at 95% confidence
Average willingness to pay derived from series of conjoint questioning
Source: Cicero Group, Recycling W2P Study, Oct-2018

Cicero

Based on third-party research, residents are willing to pay a fair price for recycling.

Informing the Public

- Public needs to understand the issue
- Economic reset is needed for long term viability
- Public awareness on what and how to recycle

Why America's recycling industry is in the dumps

"What we're advocating is to step back and re-look at recycling," Republic's Coupland said. "This is the new normal. The model no longer funds itself."

—Richard Coupland, Republic Services

Curbside Recycling Under Threat as Costs Soar

"It's a common misconception that recycling is free," he said. "That's never been the reality. That's just the way that businesses and governments have presented it to the public."

Peter Keller, Republic Services

EMPTY CLEAN DRY

U.S. Recycling Companies Face Upheaval from China Scrap Ban

Top waste-services companies say their recycling operations are a drag on earnings as business with their biggest foreign market disappears

Bloomberg

Only place these items in your recycling container

Over 1 Billion media impressions on the topic, on articles interviewing Republic Services team alone

Public Education – Clean Up The Stream

New simplified educational collateral that can be distributed to residents and businesses.

Container Labels	Container Tags	Door Tags	Reference Guides	Brochures
				
Post Cards & Bill Inserts	Posters	Billboards	Emails	Print Ads
				

Most collateral is available on www.RecyclingSimplified.com, or from your Municipal Sales Manager

Reassessment of Accepted Materials

- Programs have drifted to focus on total diversion rates, rather than what materials are truly beneficial to recycle
- Some collected materials are recyclable, but lack local end markets, or have a negative recycling value. These realities render the processed materials unmarketable



(\$10)

Glass has a negative value to recycle



Some packages have evolved to less marketable materials

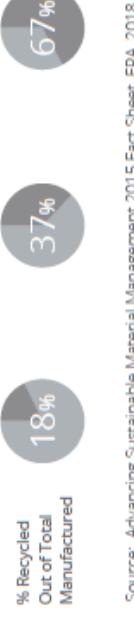
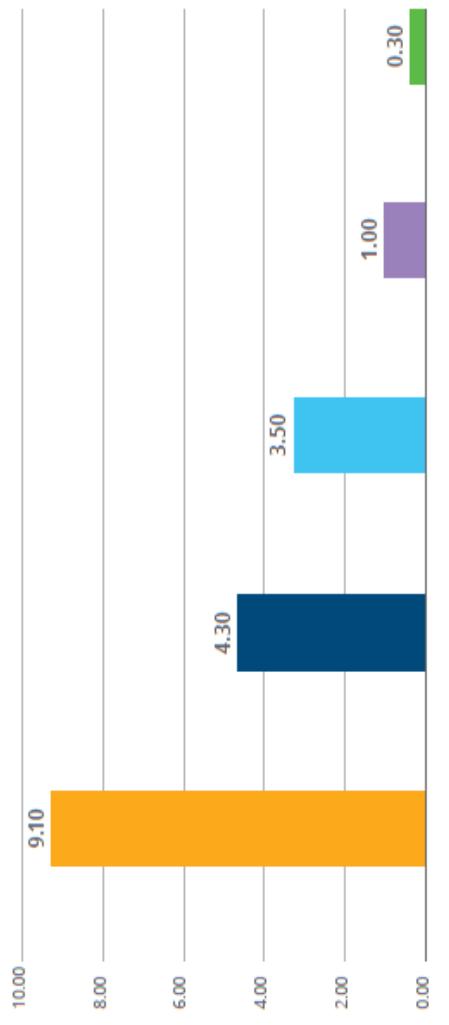
- Municipalities need to shift program focus to Sustainable Materials Management-based views, which looks at the overall benefits of each accepted material in the stream.

Recycling programs must focus on Sustainable Materials Management, not simply diverting material that may have no beneficial use

Measurements of U.S. Recycling Success

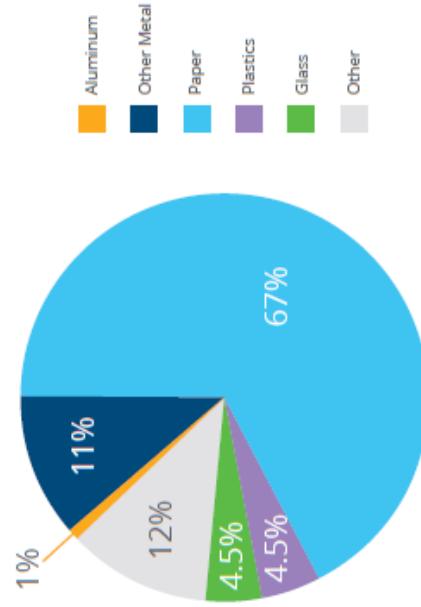
- Current metrics focus on weight (e.g. 50% recycling goal)
- This incentivizes "any" rather than the "right" diversion
- Some of the more beneficial carbon dioxide equivalent (CO₂e) materials are lighter

Tons of CO₂e Savings per ton of Material Recycled
(Greenhouse Gas Benefit)



Source: Advancing Sustainable Material Management 2015 Fact Sheet, EPA, 2018

% by Weight of Commodities Sold
by Republic Services



Summary:

- Weight-based goals do not correlate to greenhouse gas benefits
- Reconsider "Any Diversion" (weight) vs "Most Beneficial Diversion"



We'll handle it from here.*

Key Topics Going Forward

- Evaluate Program Recyclables that offer best benefit to planet
- Consider better metrics to track success
- Increase Public Education, leading to lower contamination and better commodity values
- Update the Business Model – Two services provided in a recycling program (without reliance on commodity value)

The path to creating a durable recycling program requires multi-faceted approach



REPUBLIC
SERVICES

We'll handle it from here.TM

Rick Bernas

Manager, Municipal Sales

e: rbernas@republicservices.com
o: 469.443.7006 c: 972.880.0276

**CITY OF PARKER
SOLID WASTE AND RECYCLE
RATE SHEET
EFFECTIVE: March 1, 2019**

Solid Waste Collection	\$ 11.88
1 x wk: 2 carts MSW	
 Recycle Collection	
1 x wk: 1 cart	\$ 5.50
 Brush/Bulk Collection	
Monthly	\$ 2.11
	Total Monthly Service
	\$ 19.50
 Extra Cart	
	\$ 8.25
 Carryout Service	
1 x wk: 2 cart MSW	\$ 20.01
 Extra carry out cart	
	\$ 11.03
 City Hall - 4 Rolloffs per year/city event	No Cost
30 yard rolloff city hall use	No Cost
Additional Rolloff containers	\$ 417.22