



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: Hari Ponnekanti, City Engineer
CC: Mayor Allan Ekberg
DATE: March 29, 2019
SUBJECT: Solid Waste Collection
Contract No. 12-027
Waste Management Recycling Update

ISSUE

Request by WM to update on global market changes and impact to recycling on a local level for solid waste collection.

FINANCIAL IMPACT

Waste Management is proposing rate increases for residential, multi-family, and commercial properties due to the increase in recycling costs.

RECOMMENDATION

Information only.

ATTACHMENTS

- WM presentation

City of Tukwila Recycling Update: April 2019



Casey Desmond
WM, Public Sector Solutions Manager

Overview

- Current State of Recycling
- WM's Actions
- WM's Request to the City of Tukwila



Current State of Recycling



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Background - Timeline

2013: Operation Green Fence (2013) – Focus on quality (plastic)

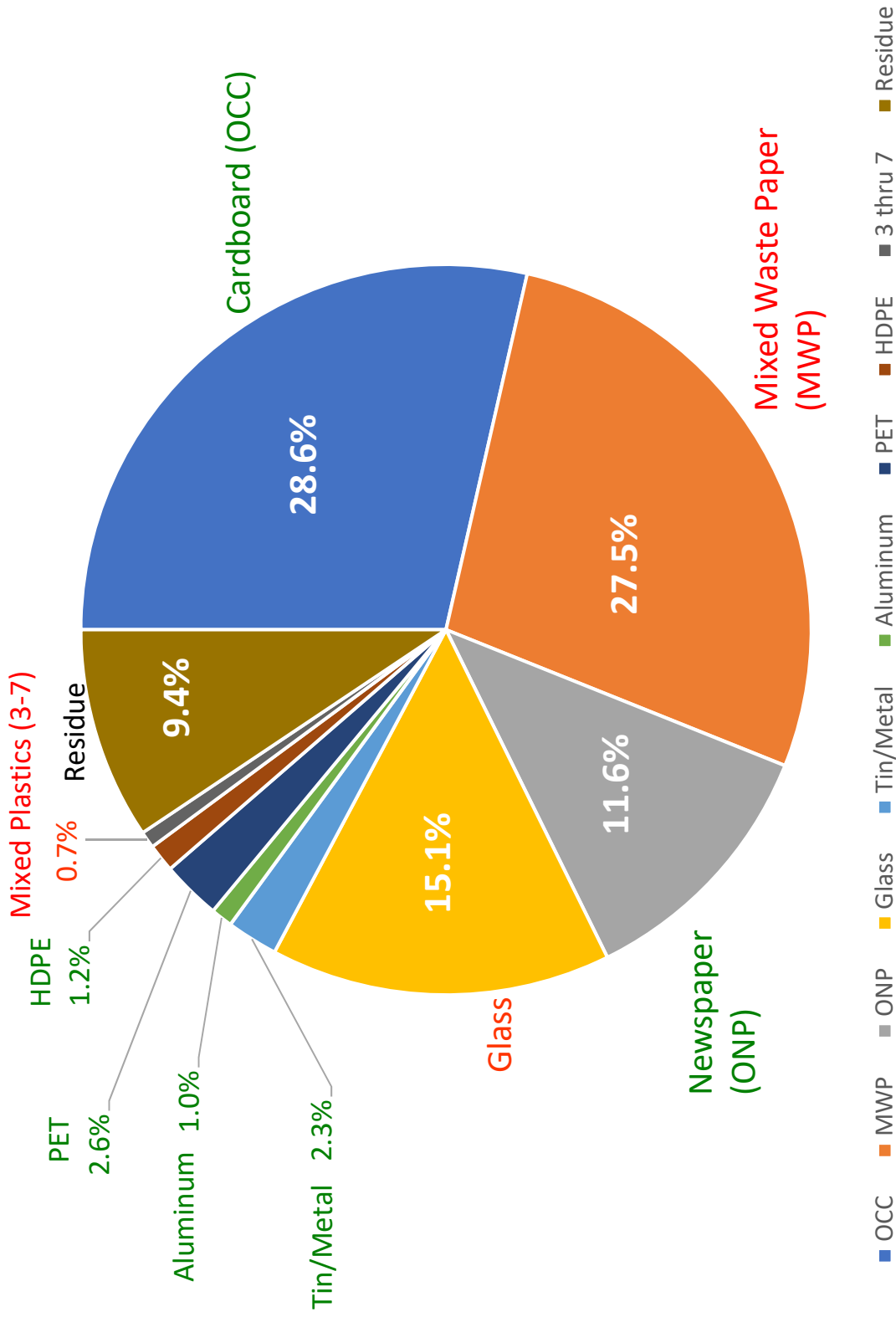
2017:

- **National Sword** – Effort to eliminate illegal waste smuggling
- **Bans** - Announced bans of 24 materials, including mixed paper and mixed plastics
- **Contamination limit** - Announced 0.5% contamination limit
- **Suspended licenses** - Chinese government began limiting licenses to close down mills in China.

2018:

- **January 2018** – Bans in effect
- **March 2018** – 0.5% contamination limit in effect
- **March 2018 - Operation BLUE SKY.** Chinese Customs to inspect all loads at point of entry into China. In effect through 2018.
- **May 2018** – Suspended all inspections for US imports. Since the inspections are required, all exports to China stopped – regardless of quality, stressing markets across the globe.
- **June/October 2018** – China allowing some inspections and some ships on the water for non-banned materials

Average PNW Single Stream Recycling Composition



WM's Actions



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Customer Education & Outreach

Proactive Outreach

- Social media
- WM blog



Residential Feedback

- Revised residential contamination tags
- Driver trainings
- Tag tracking

Commercial Feedback

- HOC Process

2018 Tukwila Community Partnerships

- Work with schools
- Attend local events to promote education
- Donate multi-family recycling bags
- Send postcards/mailings
- Transcreated materials



Item	Rule	Expert Tip
NO Bagged Recyclables 	Do not bag recyclables. They must be loose in the bin when you get to your bin and re-use the bag!	If you store your recyclables in a bag, simply dump them out when you get to your bin and re-use the bag!
NO Plastic Bags 	Plastic bags are included in a few curbside programs, check with your local program.	Do not bag recyclables. Plastic bags have a habit of getting tangled in equipment. Find where you can recycle them at wmm.com/recycling
NO Matts, Wraps & Film 	Plastic wrap, bubble wrap, plastic sandwich bags or freight bags shouldn't go in the recycle bin.	Reuse whenever possible for presents, moving or storage of similar items.
NO Flexible Packaging 	Flexible packages like chip bags and juice or soup pouches cannot be recycled in curbside programs.	This type of packaging is made from multiple materials preventing it from being recycled. It must be washed.

WMM's Request to the City of Tukwila



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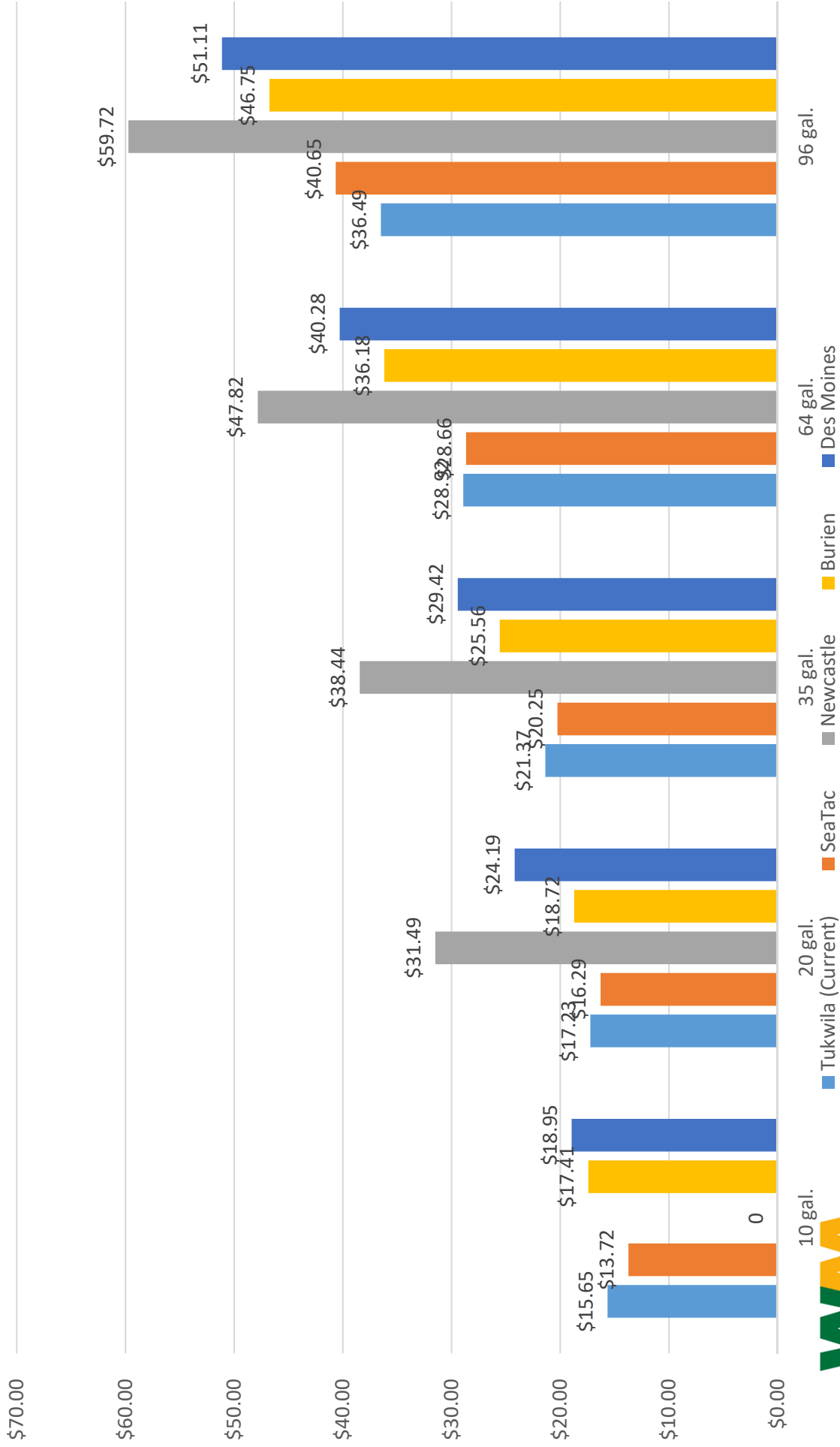
Residential Rate Adjustments

	MSW/ REC Rates (Current)	YW Rates- 96 gal. (Current)	Combined Rates Current	Proposed WM Rate Increase per Customer	Total WM Fee	Admin Fee Increase	New Total Rate	Current Rate vs. New Rate	% Change
10-gal	\$7.25	\$8.40	\$15.65						
20-gal	\$8.83	\$8.40	\$17.23						
35-gal	\$12.97	\$8.40	\$21.37						
64-gal	\$20.52	\$8.40	\$28.92						
96-gal	\$28.09	\$8.40	\$36.49						



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Residential Rate Comparison



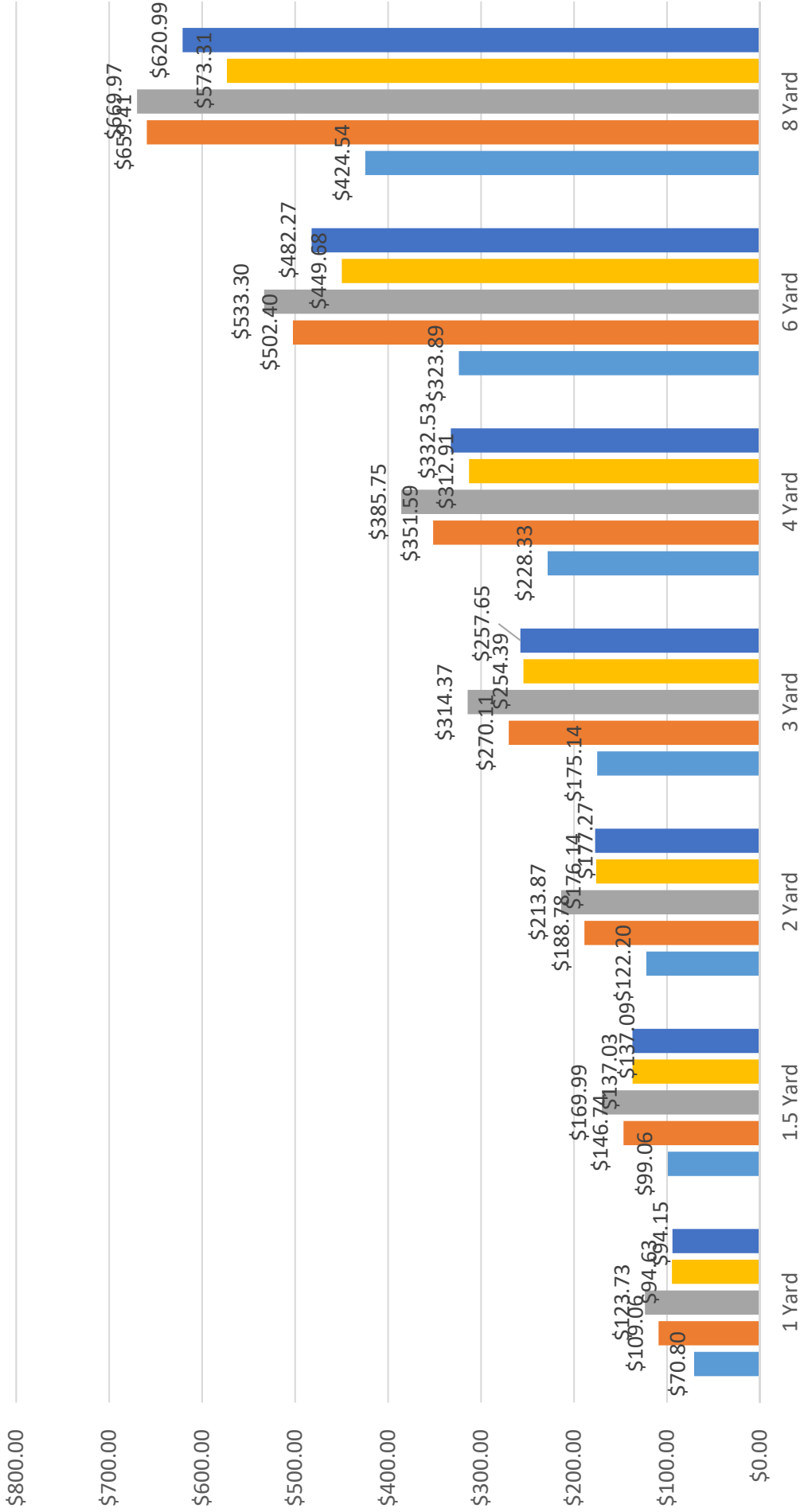
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Commercial Rate Adjustments

MSW Rates (Current)	Proposed WM Rate Monthly Increase	Total WM Fee (New)	Admin Fee Increase	New Total Rate	Current Rate vs. New Rate	% Change
1- yard	\$70.80					
1.5- yard	\$99.06					
2- yard	\$122.20					
3- yard	\$175.14					
4- yard	\$228.33					
6- yard	\$323.89					
8- yard	\$424.54					



Commercial Rate Comparison



■ Tukwila (Current)
 ■ SeaTac
 ■ Burien
 ■ Newcastle
 ■ Des Moines

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Contamination Fee

- In partnership, let's clean up recycling
 - We are able to combine operations and public education
 - This fee is designed to be a last option for changing behavior
-

Commercial and Multifamily

- If customer agrees to dump recycling as garbage
 - Charge more than the current garbage extra rate

Residential

- If customer is determined contaminated 3 times
 - Charged a per cart flat fee



Thank You for Your Time!

What Questions Do You Have?



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