



# CHANGES TO RESIDENTIAL REFUSE COLLECTION



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Corona Del Mar  
Resident Association  
August 19, 2021



# Changing Laws Regarding Solid Waste Collection, Recycling and Disposal

Past and near-term changes in State mandates are requiring adjustments to our refuse collection operations, as well as increasing program costs.

## State Recycling Mandates

### AB 939

50% recycling requirement by 2000 or up to \$10K/day fines

### AB 341

Mandatory commercial recycling by 2012; State goal of 75% diversion by 2020

### AB 1826

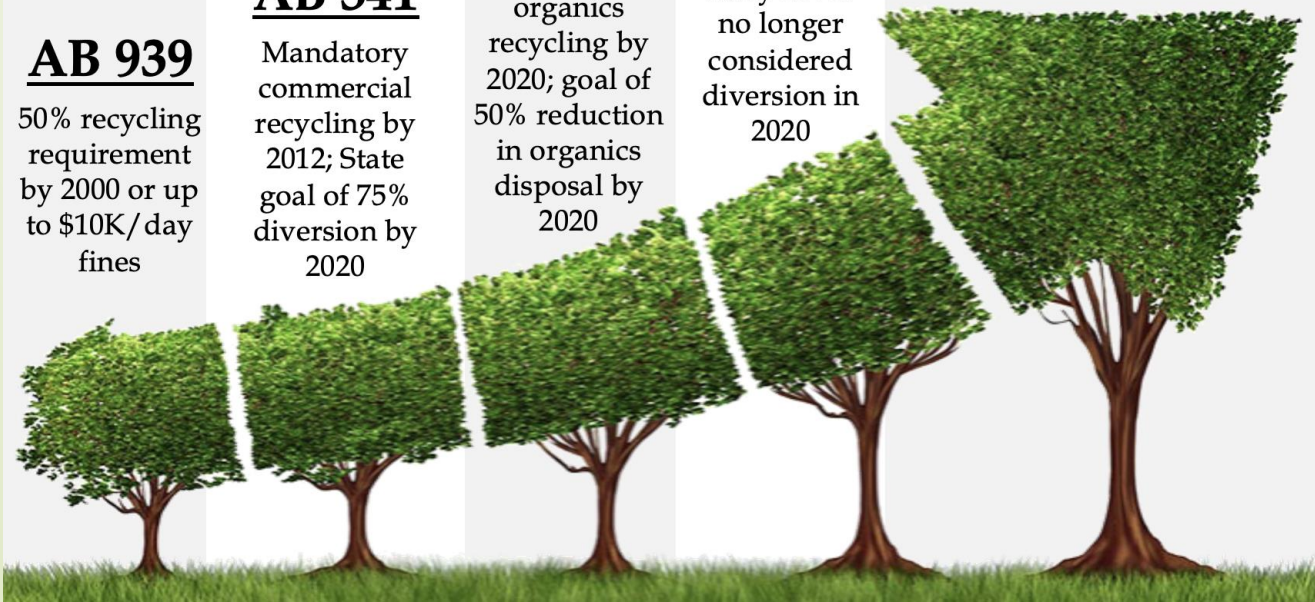
Mandatory commercial organics recycling by 2020; goal of 50% reduction in organics disposal by 2020

### AB 1594

Landfill alternative daily cover no longer considered diversion in 2020

### SB 1383

Will require all homes and businesses to recycle organic waste by Jan 1, 2022

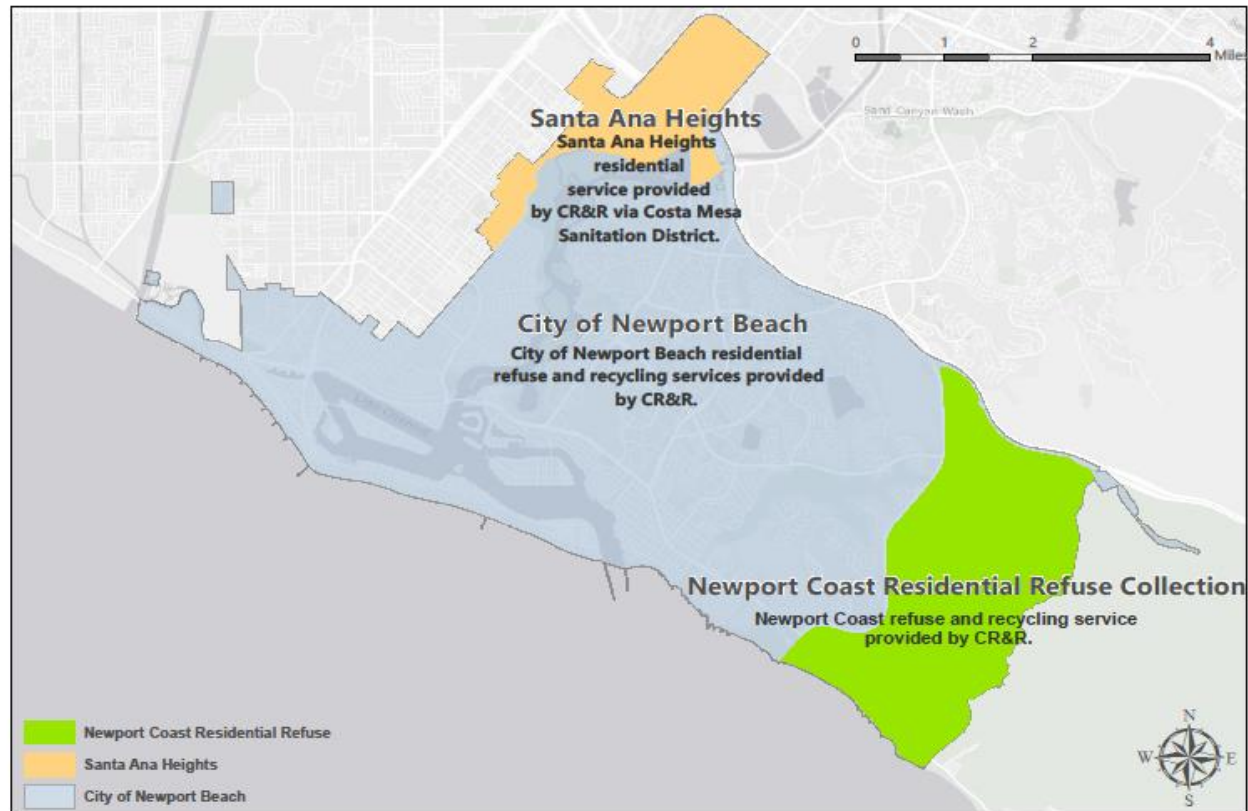


# Citywide Residential Refuse Collection

City Residential Refuse Collection is currently performed under Two Separate Franchises, both with CR&R Inc.

- Newport City (Contract initiated 2013) Extended to Oct 1, 2021
- Newport Coast (Contract initiated 2007) Expires Oct 1, 2022

Map of Residential Hauling Contracts





# Citywide Residential Refuse Collection

## ●●● Current 2-Cart Collection System (Newport City)

- Black-Lid Trash Cart is processed at a 'Dirty' MRF\*
- Organics Currently placed in Black-Lid Trash Cart, separated out at MRF, then Landfilled
- Voluntary Blue-Lid Recycling Cart is processed at a 'Clean' MRF\*
- 73% of Total Households participating in voluntary Blue-Lid Recycling Cart
- Dry Residential Recycle Diversion Rate: 48%



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*\*MRF – Material Recovery Facility*

# Newport Coast Residential Refuse Collection

## Current 2-Cart Collection System (Newport Coast)

- Black Trash Carts waste is sent directly to the landfill
- Organics Currently placed in Black Trash Cart and Landfilled
- Brown Recycling Cart is processed at a 'Clean' MRF\*
- Recycling cart included in the basic level of service
- Dry Residential Recycle Diversion Rate: 41%



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*\*MRF – Material Recovery Facility*

# Some Service Issues that need be addressed

How much Trash should be included within the City paid collection?



↪ Cans from one house ↪



# Some Service Issues that need be addressed

- **Little Source Separation**  
(Trash, Recycle, Organic)
- **Bagged and Loose Trash Requires Costly Manual Collection**
- **No Ability to Capture and Recycle Green Waste**



# Some Service Issues that need be addressed

- Commercial & Rental Trash Mixed in
- Construction/Remodel Trash
- Lots of Loose Trash Creates Other Problems
  - Increases Labor/Collection Cost
  - Decreases Recycling
  - Water Quality, Birds & Vectors, Wind/Rain issues





# Circumstances Impacting Citywide Residential Refuse Collection

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- Split Commercial/Residential Franchise system
- Space constrained areas
- Organic Material No Longer allowed as Alternative Daily Cover
- Option of Dirty MRF processing is being phased out and will no longer be available
- Unlimited Refuse Services available to Residents
- More State Regulatory emphasis of curbside source separation
- Higher Diversion Percentages being required by State mandates
- Mandatory Implementation of Residential Organics Collection which requires a 3-Cart System



# Citywide Residential Refuse Collection Program Additions Needed to Accommodate Changes in State Law

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## City Must Now:

- Implement Higher Level Diversion Programs to Comply with AB 939 / SB 1383 (i.e., use of Clean MRF's rather than Dirty MRF's)
- Maintain an overall 50% Plus on City Recycling Diversion Rate
- Residents Must now 'Source-Separate' their Green Waste and Food Waste into a third, New Green Cart to comply with State Mandates included in SB 1383 (*January 1, 2022*)





# HOW OUR SOLID WASTE SYSTEM WORKS



**Commercial**



**Residential**

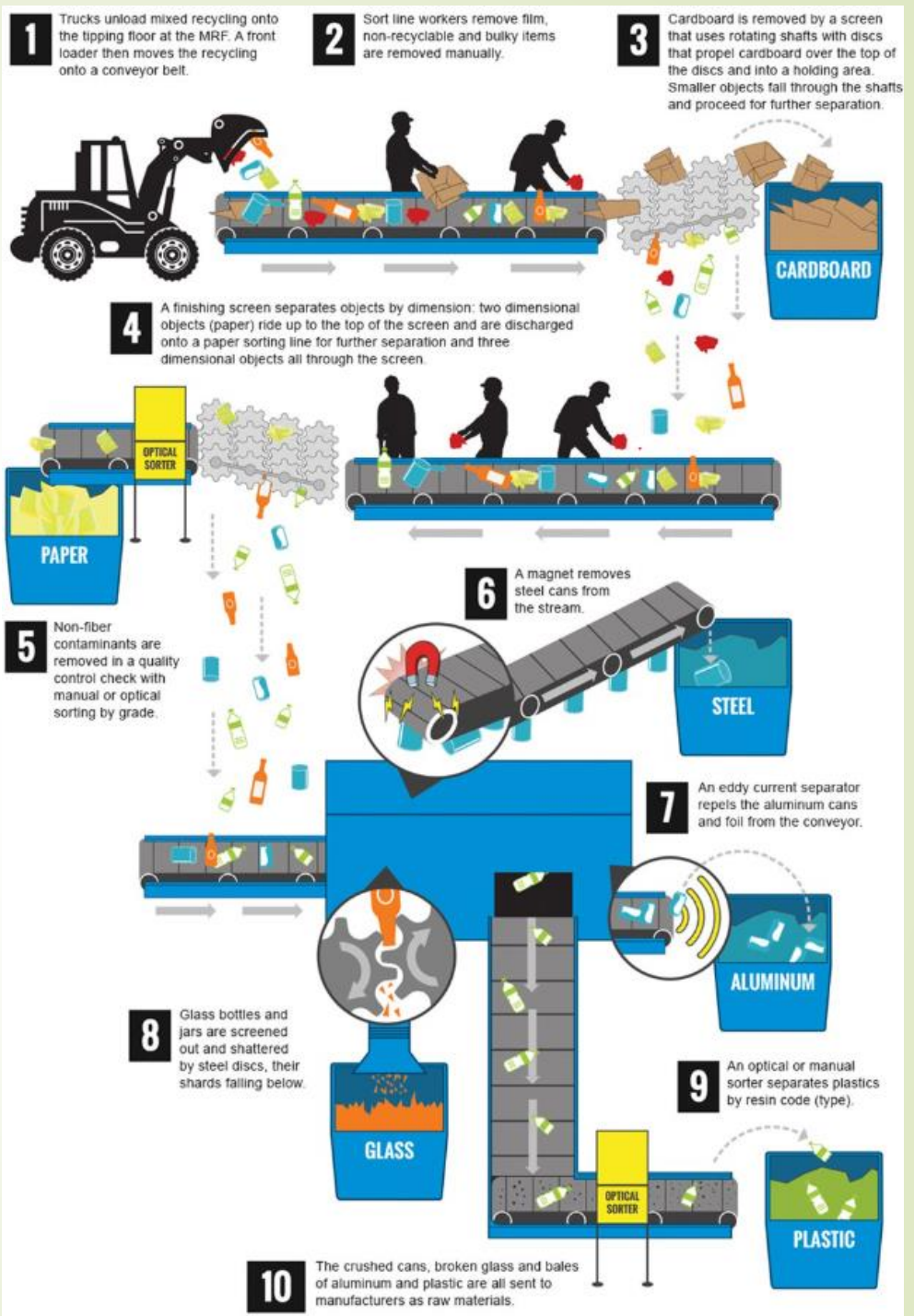
Trash and Recyclables Source-Separated into Carts and Bins...



...and Collected by Contracted Firms

Some Refuse Consolidated at City Transfer Station to Improve Efficiency, Reduce Truck Trips

# HOW A MATERIAL RECOVERY FACILITY WORKS





# HOW OUR SOLID WASTE SYSTEM WORKS

Each waste stream goes to a separate facility

Recyclables go to a Material Recovery Facility (MRF) >>



Organic Material & Food Scraps goes to compost or anaerobic digestion facility >>



<< The remaining refuse goes to a landfill

# Proposed New Waste 3-Cart Collection System



- Blue Recycling Cart for clean dry recyclables processed at a Clean MRF
- Green Organics Cart for yard trimmings and food scraps processed at an Organics Processing Facility.
  - Smaller green carts for space constrained property areas
- Black Trash Cart for everything else (trash) sent to Landfill
- Increase in Overall Residential Diversion Rate / Full program implementation



# City Council Solid Waste Working Group

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Current focus is on Citywide Residential Refuse Collection Contracts. Both Contracts with CR&R are approaching end of their terms.

Looking at new Amendment now in order to:

- Ensure City has Necessary Contract to Provide future Residential Refuse Collection and Disposal Services
- Ensure Compliance with Current and Pending State Laws
- Merge Current Two Contracts into One (Simplify Oversight, Management, Reporting; Improve Operation Efficiency Standardize Service Levels, and Reduce Cost)
- Implement New or Improved Means and Methods
- Manage and Minimize Program Cost
- Minimize Impacts to Residents

# Proposed Collection/Processing Modifications

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- **Require Blue Recycling Carts and Source Separation** for all Households (6,650 new carts to complete the program)
- **Expand to 3-Cart Program** for All Households in City with addition of New Green Organics Carts (Green Waste & Food)
- Increase Automation. **Require All Refuse Material be Sorted & Placed within Carts** for Pick-Up. *(No more bags, boxes and other material left on ground outside the carts requiring manual pick-up)*
- New Collection Trucks to Service the Organics Routes.

# Proposed Collection/Processing Modifications

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- Consolidated Bulky Item Pick-Up Service limited to up to five specific collection pick-ups (with up to five items each) per household per year (as opposed to unlimited bulky collections currently)
- Defined 'Free' Black Trash Carts to One 96-gal per Household
- Organic Material Processed at least Expensive Means Allowed (Composting, Digestion, other)
- Require 7-Year Average Collection Vehicle Age, with No Vehicle Over 10-Years Old



# Some Frequently Asked Questions

## ***How many trash cans will each household have to maintain?***

- All Newport Beach neighborhoods will be required to participate in a three-cart source separation at the curb.

***One Black for Refuse, One Blue for Recycling, One Green for Organic Material***

*Note: Resident can have more of any carts, but may have a small service charge*

## ***Will there be inspections of residential trash containers? Will there be penalties for non-compliance?***

- Yes, inspections will take place to ensure recycling. Code revision is being drafted to establish Non-compliance penalties and to meet requirements set by SB 1383.

## ***How will restaurants and businesses meet the additional requirements for record keeping of disposed organic waste?***

- New Commercial Non-Exclusive Franchise Hauler Agreements were implemented stating reporting requirements for record keeping. Reporting done by hauler to the City.

# Some Frequently Asked Questions

- ***What requirements will Balboa Island, the Peninsula and CdM have?***

Residents can choose from three different sizes for each type of containers: 32-gal, 64-gal or 96-gal (*64 Gal is the Standard Default Size*)



# Items to Remember and Start Doing

- *If you do not already have a Blue Lid Recycle Cart, please call and request one. Call: **(949) 625-6735** or **(866) 949-9694***
- *Sort out dry recyclable items and put them in your Blue Recycle Cart*
- *Make Sure you put all refuse in your proper carts. No Material left outside on the ground. If you regularly need more carts, call and request additional carts. Call: **(949) 625-6735** or **(866) 949-9694***
- *Break-down all boxes and put them in your Blue Recycle Cart*
- *If you have large bulky items for pick-up, please call to arrange for the pick-up Call: **(949) 625-6735** or **(866) 949-9694***
- *Put green waste in the Black Cart for now, then in the Green Cart when it arrives in Winter 2021*
- *If you have any Refuse related questions – call us at: **(949) 644-3055***



# Comments or Questions



***Your Public Works Department***

*Protecting and Providing Quality  
Public Improvements and Services*



# Recycling – Where We Stand Today

Recycling Mandates	City Status	Compliance Initiatives
Overall Recycling (50% required by 2020) AB 939	<b>62% diversion rate in 2019</b>	<ul style="list-style-type: none"><li>• Source separation at the curb</li><li>• Need to modify residential refuse contracts</li></ul>
Commercial Recycling (Goal of 75% diversion by 2020) AB 341	<b>89% participation rate in 2019</b>	<ul style="list-style-type: none"><li>✓ Municipal Code update</li><li>✓ Franchise Agreement update</li><li>✓ Compliance reporting</li><li>• Enforcement</li></ul>
Commercial Organics (Goal of 50% reduction by 2020) AB 1826	<b>45% participation rate in 2019</b>	<ul style="list-style-type: none"><li>✓ Municipal Code update</li><li>✓ Franchise Agreement update</li><li>• Compliance reporting</li><li>• Education/Enforcement</li></ul>
Organic Recycling (Req. Residential by 2022) SB 1383	<b>On Track to expand organics recycling to multi-family &amp; residential properties</b>	<ul style="list-style-type: none"><li>• Need to modify residential refuse contracts to 3-Cart system</li><li>• Update Municipal Code</li></ul>

# Citywide Residential Refuse Collection



## Current CR&R Contract Costs

- Current contracts cost of approx. \$4.9 million annually
- Entire direct cost is paid for by the City's General Fund  
*(Per Municipal Code 6.04.140: Residents are not directly charged for residential refuse)*

## Proposed new 10 Year Contract

Year 1 - \$7.8 million (58% increase)

Year 10 - \$9.3 million (includes annual 2% CPI adjustment)





# Recycling Services Fee Increase



- Ordinance No. 90-6 establishing a Recycling Service Fee (1990)
  - Partially recovers current costs incurred by the City in satisfying State mandated recycling requirements.
  - Was \$3.00 per Residential Unit (City Contract Area)
  - Generated Approx. \$970,000 annual revenue
  - Excluded Newport Coast and Santa Ana Heights
  
  - In January 2021, fee increased to:
    - Citywide = \$6.28
    - Newport Coast = \$5.86
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- Total estimated revenue of \$2,331,000 annually,

# Some Frequently Asked Questions

- ***Why did the City increase the recycling Fee?***

There were several factors prompting the evaluation of the recycling fee: operating cost have increased over time, fee was not uniformly applied to Newport Coast, increased program costs due to state mandates. This fee was last updated in 2009