



Refuse & Recycling Program: Fully Automated Collection Project Update

June 15, 2015

Program goal

- To provide services that effectively collect and dispose of solid waste in a manner that is consistent with the applicable State, Federal and local laws and regulations, while maximizing the fullest recovery of recyclable materials possible with the least impact on the environment and in a cost-effective manner so as to enhance the safety and aesthetics of the City.



Program objectives

- Minimizing the rate of waste generation through education and source reduction
- Encouraging and facilitating the recovery, reuse and recycling of material within the waste stream
- Increasing the amount and types of materials being recycled
- Improving education to increase diversion rates and waste reduction
- Expanding recycling participation



Solicitation and contract process

- 7/28/14: Issued a Request for Proposals
 - Requested prices on base services, add alternates and a bid option
 - Solicited options to increase recycling diversion rates
- 8/20/14: Received two proposals
- 9/22/14: Evaluated proposals & various alternatives; received Council feedback
- 10/6/14: Awarded contract to Waste Management (WM)



Fully Automated Collection

- Fully automated, weekly trash service
- Fully automated, bi-weekly single-stream recycling
- WM supplies and delivers one garbage container and one recycling container to each existing and future household
- Any additional garbage & recycling service above the 96-gallon limit must be purchased by the customer. WM bills customer directly
- Large item pick-up for each household, limited to 5 times per year
- Trash and recycling services for all City facilities

Total Service Cost:

- $\$8.89/\text{HH}/\text{month} \times 12 \text{ months} \times 14,500 \text{ HH} = \$1,546,860$



Additional service costs

Container size	Cost/ month	Cost/ year
32-gallon	\$2.50	\$30.00
64-gallon	\$2.65	\$31.80
96-gallon	\$2.80	\$33.60

- Billed directly to the property owner
- Monthly cost includes the initial cost of the container
- Container is rented from Waste Management
- WM will not charge a \$5 administrative fee for these billings; all accounts have been credited



Project goal

- Effectively transition Commerce City's current residential garbage and recycling program to a Fully Automated Collection program by March 30, 2015



Implementation schedule

- November – December 2014:
 - Evaluate routes
 - Develop communications campaign & messaging
- January-February 2015:
 - Order carts
 - Assemble carts
 - Implement education & communication campaign
- Feb. 23 – March 30, 2015:
 - Deliver carts
 - Begin FAC service



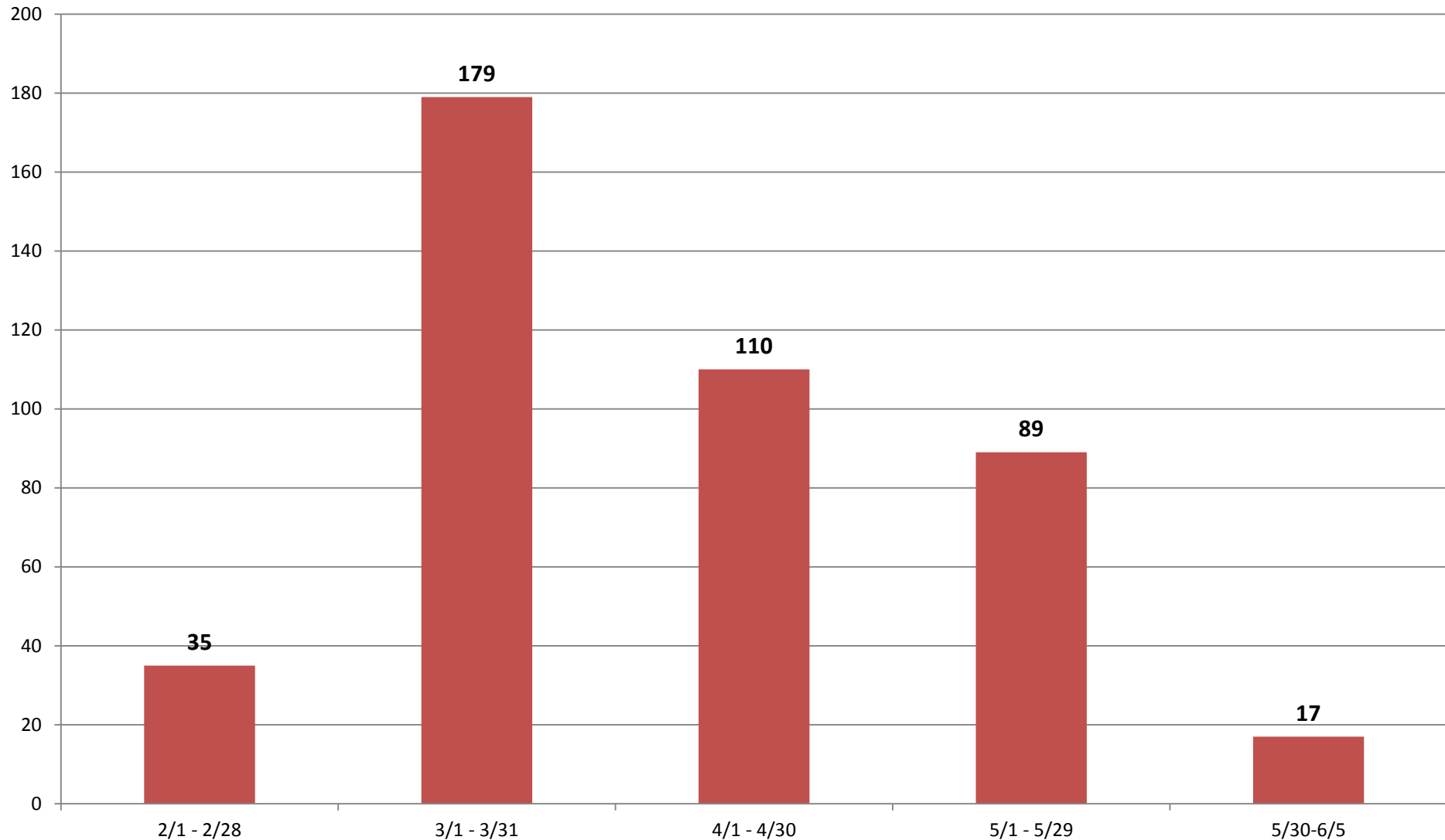
Project evaluation

- Citizen complaints/concerns
 - Number of missed pickups
 - Diversion rates
 - Number of extra service sign-ups
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- Typically it takes 12-15 weeks to implement a project of this size



Citizen complaints and concerns

Number of Calls to City, by Month



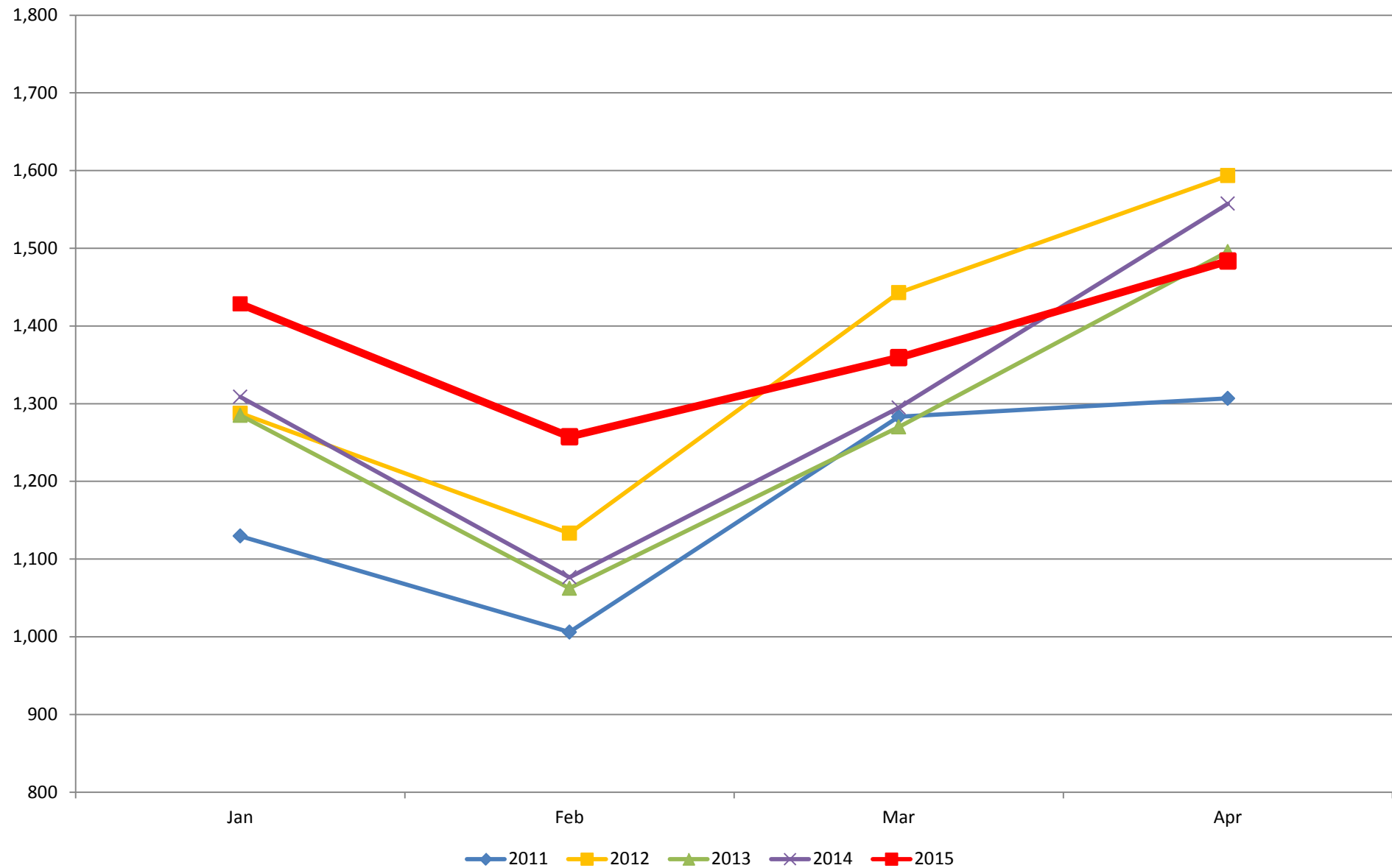
Number of missed pickups

- 338 (per WM) from 3/1 thru 6/1/15
 - this represents 0.09% of all pickups
- 88 (per City) from 3/1 thru 6/1/15*
 - * entire blocks counted as 1 missed pickup
- Collection day changes have contributed to issues
- Entire streets have been missed as recently as week of June 1



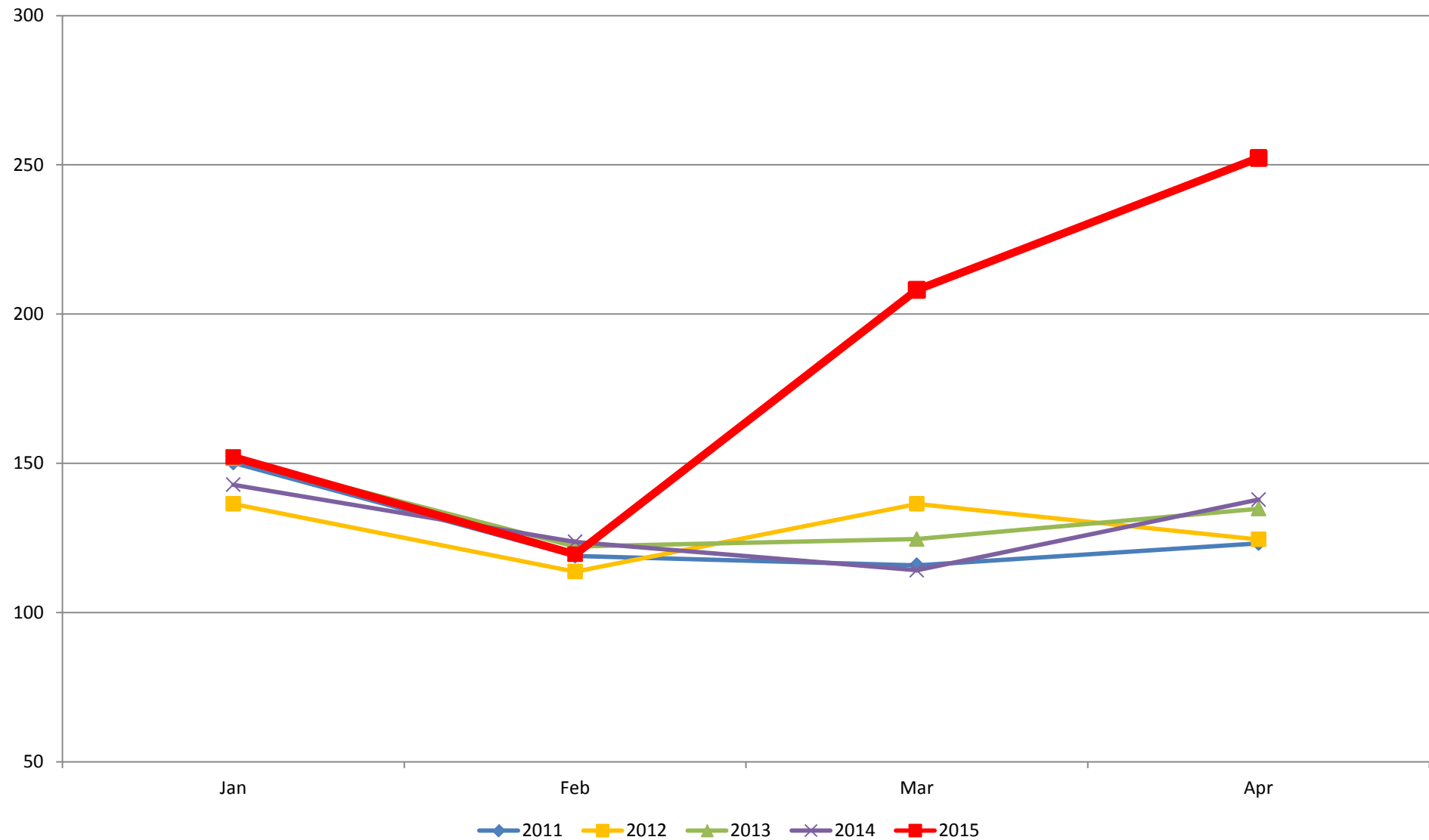


Diversion rates: garbage (tons) by month 2011-2015





Diversion rates: recycling (tons) by month 2011-2015





Extra service sign-ups

- As of June 1, 137 citizens have rented 142 containers
- WM has a cost for container delivery
- Wants to avoid citizens ordering containers for only the summer months
- Attempt to spread costs over a period of time



Other issues

Implementation Issues

- WM Call Center dissemination of incorrect or inaccurate information
- Disposal of old containers

On-going Issues

- Disposal of garbage in recycling containers
- Extra garbage placed outside of containers for pickup
- Containers too full for pickup

4,000 +/- tags issued to date

- Primary Issues: overloaded container, too close to another object & contamination of materials



Yard waste & large item pickup

- WM recommends trading out 1 or 2 of the 5 yearly bulk item pickups for a City-wide yard waste collection at a central location
- Events would be well publicized but only for Commerce City residents
- Seniors/disabled citizens would be assisted through separate efforts





Questions

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