

Presented in Committee - May 23, 2018

# ZERO WASTE

MAY 23, 2018



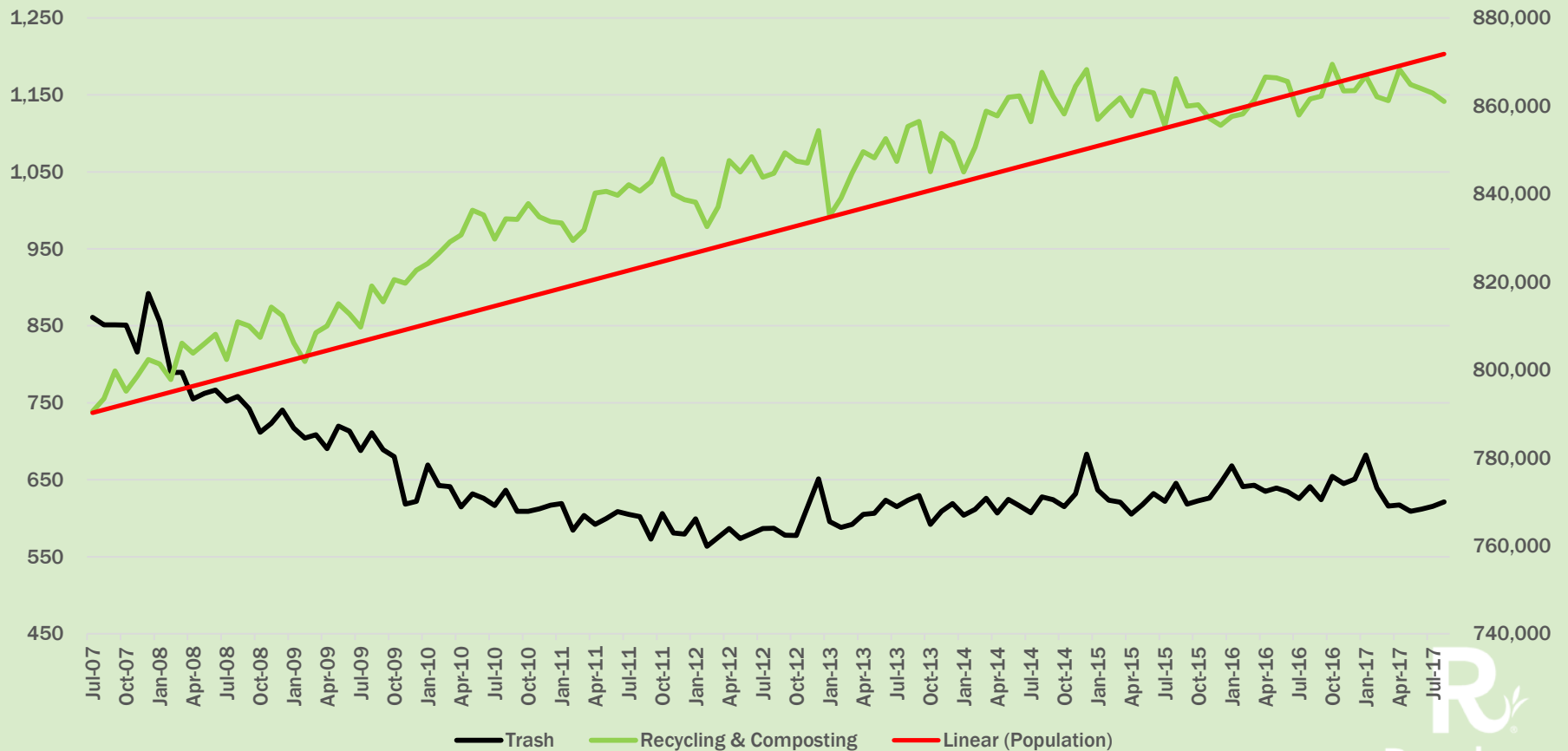
**R**  
Recology.  
WASTE ZERO

# AGENDA

- **Recycling, Composting, Disposal and Population Trends**
- **New Programs**
- **Construction & Demolition**
- **China's National Sword**

# WHERE ARE WE TODAY?

## Fantastic 3 Tons per day and Population



# NEW PROGRAMS

- Single-family homes
  - New standard: 16-gallon trash & 64-gallon recycling
  - 60% of roll-out competed
  - 11% increase in recycling, 10% decrease in trash
  - 78% participation rate
- Recycle Central improvements
  - \$14.7 million investment completed 2017
  - \$3.2 million planned investment for 2018
  - Decreased residue from recycling operation by 50%
- Newly accepted recyclables
  - Film plastic
  - Cartons
  - Textiles



# NEW PROGRAMS (CONT.)

- Expanded apartment outreach
  - Multi-family recycling and composting participation lags behind residential and commercial
- West Wing
  - Current facility is inadequate
  - New facility will allow for composting growth and be better for the neighborhood
  - Projected completion Fall of 2018



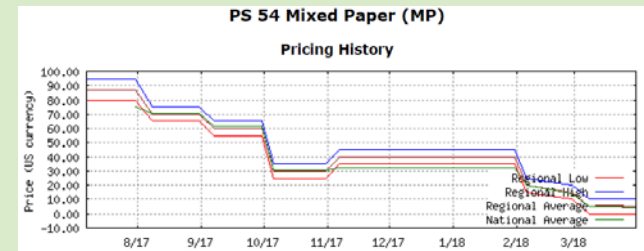
# CONSTRUCTION & DEMOLITION DEBRIS

- About a quarter of all San Francisco disposal is from construction & demolition (C&D) debris not processed by Recology
- C&D debris is one of our greatest opportunities to reduce disposal
- Current facility is almost 20 years old and inadequate for current volumes
- Planning for a new C&D facility to handle 40% more material and increase recovery by 50%



# CHINA'S NATIONAL SWORD

- National Sword has disrupted the recycling industry worldwide
- China was the largest importer of recyclables in the world
- China's stricter import rules require cleaner bales of material
- Recyclables prices have significantly declined
- Revenue from commodity sales decreases refuse rates
- We are actively engaging customers to ensure proper recycling participation



**WASTE DIVE** With China's 'nearly impossible' contamination standard, where are MRFs looking now?

US recycling businesses will need to more stringently sort the waste they collect, and households will have to do a better job.  
—Wall Street Journal

“Slow down a little bit, get everything sorted properly.”  
—Public Radio International