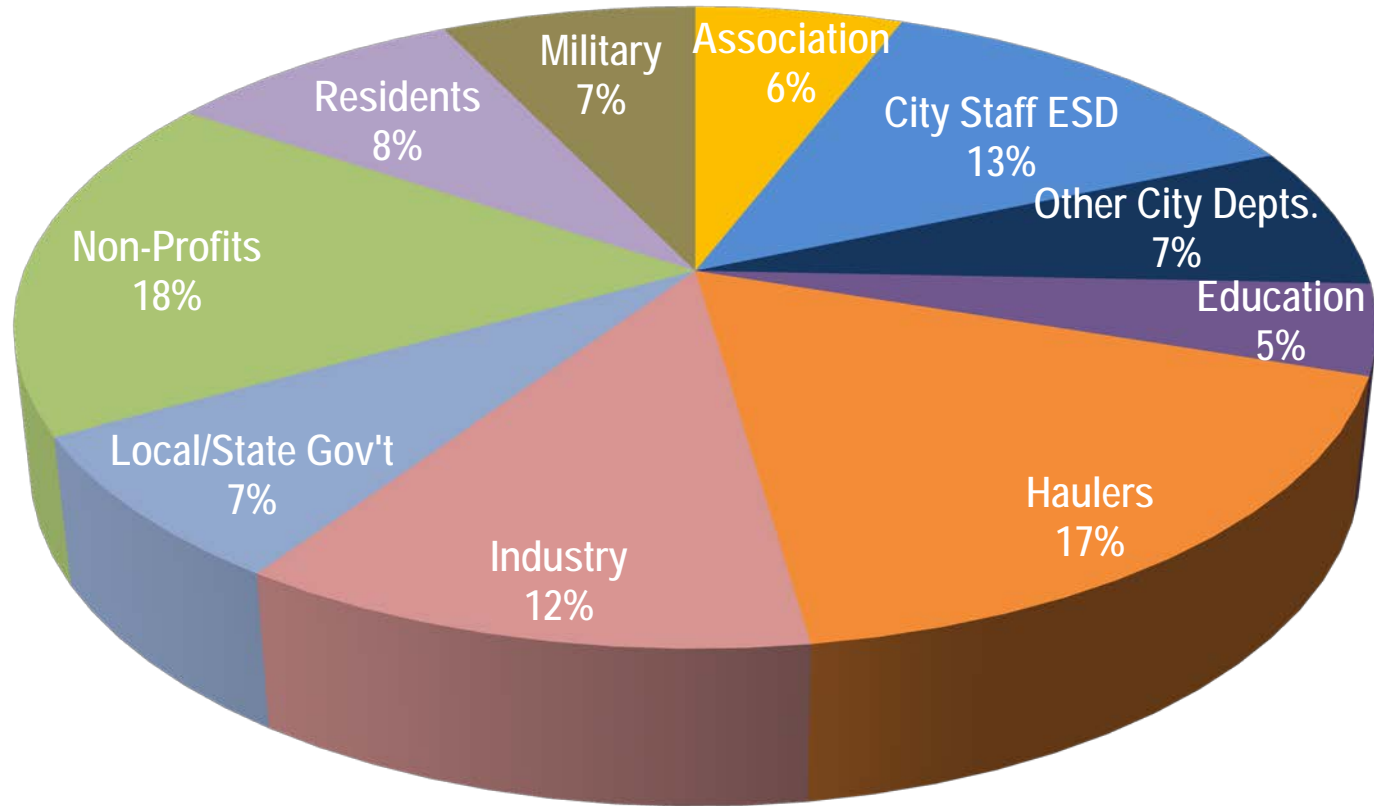


Zero Waste & Financial Plan Stakeholders Meeting

SESSION FOUR

September 22 & 23, 2014

STAKEHOLDERS- PARTICIPATION IN SESSIONS



Total Participants= 351

STAKEHOLDERS- ADDITIONAL PARTICIPATION

ASSOCIATIONS:

- Associated General Contractors of America- SD Chapter
- Building Industry Association
- Building Owners and Managers Association
- Gaslamp Quarter Association
- NAIOP (Commercial Real Estate Development Association)
- San Diego County Apartment Association

BUSINESS IMPROVEMENT DISTRICTS (BID):

- Adams Avenue BID
- North Park BID San Diego
- BID Council Board of Directors

NON-PROFITS:

- Equinox
- Goodwill
- I Love a Clean San Diego
- Inika Small Earth
- Ssubi

OTHER:

- Integrated Waste Management Citizens Advisory Committee
- Integrated Waste Management Technical Advisory Committee
- The World Resource SimCenter (WRSC)

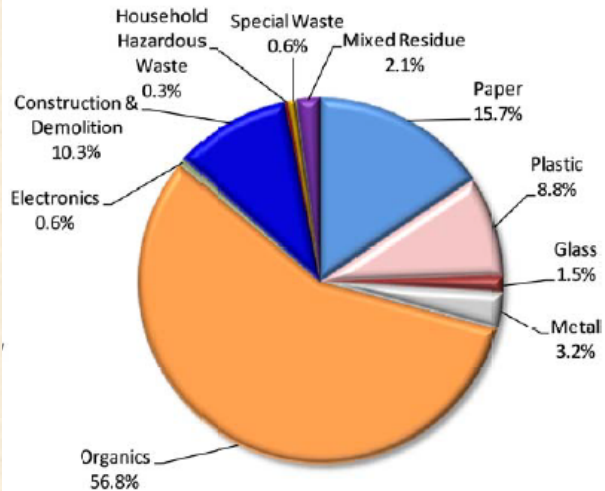
HAULERS:

- 2 group meetings
- 1 meeting with the San Diego County Disposal Association
- Individual meetings
 - Allan Company
 - Daily Disposal Services
 - Debris Box
 - Dependable Disposal
 - Diamond Solid Waste Services
 - EDCO
 - Express Waste and Recycling
 - John Smith Earthworks
 - Republic Services
 - Tayman Industries
 - Ware Disposal
 - Waste Management

BACKGROUND – 2013 WASTE COMPOSITION STUDY RESULTS

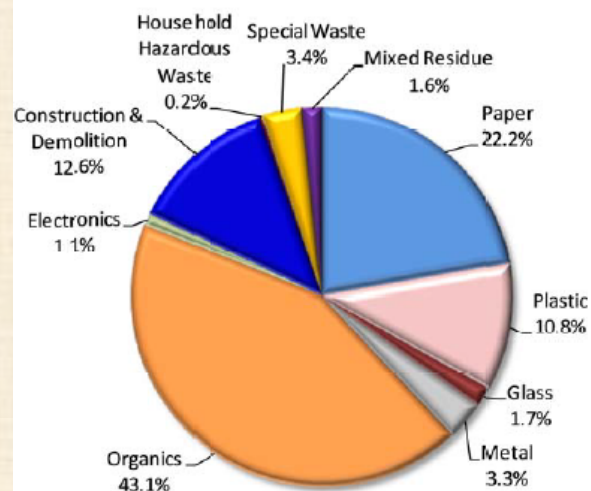
Single Family

Figure 21. Composition by Material Class, City-collected Single Family



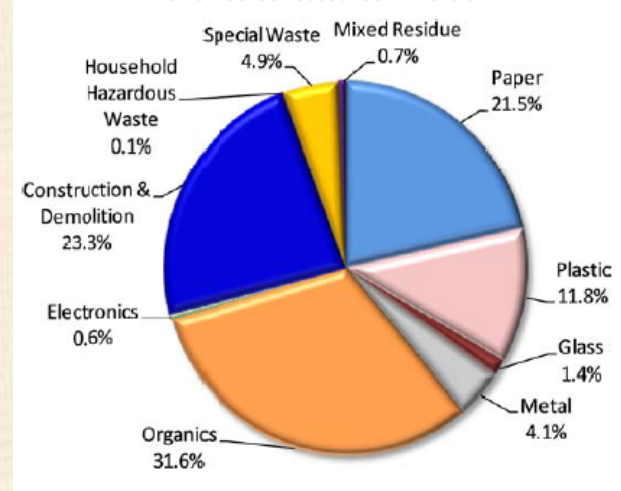
Multifamily

Figure 23. Composition by Material Class, Franchise-collected Multifamily



Commercial

Figure 28. Composition by Material Class, Franchise-collected Commercial



1989

→ AB 939: requires 50% diversion by 2000

2011

→ AB 341: statewide goal of 75% diversion by 2020

2013

→ San Diego has an overall 67% diversion rate

- Residential Recycling Rate- 23%
- Commercial and Multi-Family- 26%
- City Sites- 27%
- C & D-71%

Zero Waste:

→ Materials still regarded as resources rather than waste after use

- Ties together waste prevention, recycling, composting, other technologies and marketing to minimize disposal
- Focuses on product design, efficient collection/processing, and marketing
- Requires education, legislation, technology, sustainable markets
- Reflects an approach of continuous improvement towards a goal of zero.

Zero Waste Objective:

→ Adopted by Council 12/16/13

→ ESD develop Zero Waste Plan by 12/2014

- Divert 75% waste by 2020
- Reach “Zero” Waste by 2040

Current 5-year Financial Forecast

Refuse Disposal Fund

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
\$1,012,708	\$351,000	(\$2,491,000)	(\$4,852,000)	(\$6,984,000)	(\$9,508,000)

Recycling Fund

FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
\$8,195,147	\$5,163,000	\$1,852,000	\$(1,653,000)	\$(5,220,000)	\$(8,240,000)

PROPOSED STRATEGIES - SUSTAINING FUNDING

Refuse Disposal Fund

- Flow Control (\$8.3M)
 - Waste Delivery Agreement/Facility alternate (\$TBD)
- Discontinue City discounts (FY16-FY18) (\$1.75M)

Recycling Fund

- Transfer Sycamore Franchise Fee from General Fund back to Recycling Fund (FY16-FY20) (\$2.9M)
- Charge for Recycling Containers (FY16)(\$1.2M)
 - Consider rental fee vs. full cost
- Change AB939 Fees (franchise haulers) to total tons collected(FY16)

General Fund

- Change Franchise Fees to total tons collected(FY16)

San Diego County Disposal Association:

→ Support Positions:

- Zero Waste Goals 75% by 2020 and Zero by 2040
- Mandatory diversion requirements in franchises
- Franchise and AB939 fees based on all tons collected
- Maintaining existing non-exclusive franchises
- Waste Delivery Agreements

→ Oppose Positions:

- Flow control
- Bi-weekly SF recycling – should be weekly
- Increasing fees on Com'I/MF to pay for increased SF services

PROPOSED ZERO WASTE STRATEGIES

Policies

- ➔ Increase diversion levels in C&D Ordinance to 65%
- ➔ Add materials and reduce exemptions in CRO
 - ➔ Eliminate 4 cu yd exemption, add organics
- ➔ Recycling requirements in Franchise Agreements
 - ➔ Increase hauler-controlled recovery rate to 50%+
- ➔ Supporting policies and laws
 - ➔ Single-use plastic bag ban (local ordinance if state legislation fails)
 - ➔ Packaging and toxics reduction legislation at State/Federal level
 - ➔ Product Stewardship/Extended Producer Responsibility
 - ➔ Consider local bans on hard-to-handle materials – legal challenges
- ➔ Study exclusive districted collection system

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Reduce and Reuse

- Develop “Zero Waste Star” recognition program
- Reuse at the Resource Recovery Center
- Enhanced reuse/repair resource directory
- Further promote reuse polices
 - Reusable shopping bags and water bottles
- Promote reuse programs
 - Repair workshops
 - Online reuse service
 - Reuse businesses

Policies
Reduce & Reuse
Recycle
Organics
Special Material
Facilities
Education

PROPOSED ZERO WASTE STRATEGIES

Recycle

- Bi-weekly Single Family Blue Cart (existing program)
- Full implementation of public recycling at parks/beaches
 - Consider allowing individuals/non-profit groups to “adopt a container” to help fund capital or ongoing costs
 - Public space enhanced adoption program
- Enhanced education
 - Increase frequency of residential cart/bin checks
 - Citywide recycling reporting (e.g. by neighborhood/council district)
 - Enhance education about contamination
 - Cost of recycling collection
- City Departments Zero Waste scorecard

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Organics

- ➔ Bi-weekly Single Family Greenery Collection (\$13M)
 - ➔ Expand to include all city customers
 - ➔ Automate Greenery Collection
 - ➔ Add food scraps to Greenery Collection
 - ➔ Keep bi-weekly greenery collection but pilot weekly greenery collection and every-other-week garbage collection
- ➔ Food scraps added to CRO (phased-in)
 - commercial, multi-family, and single family*
- ➔ Franchise haulers required to offer organics to customers
- ➔ Continue discount program for home compost bins
- ➔ Food waste hierarchy (reduce, reuse/rescue, compost)
- ➔ Community composting
- ➔ On site food waste processing/composting

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Special Material

- Support statewide/federal producer responsibility
 - Plastic film, packaging materials
 - Paint, stains, varnishes
 - Carpet
 - Mattresses, couches, furniture, appliances
 - Electronics, batteries, CFLs, universal waste
 - Sharps, pharmaceuticals, medical waste
 - Motor oil, antifreeze, lubricants, home chemicals

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Facilities

→ Resource Recovery Center

- MMRRC - 50%-65% diversion of self-haul material (\$8M-\$10M)
- Regional RRCs & include organics (post 75%)

→ Aerated Static Pile System Composting System (\$2.5-\$3M)

- More food waste
- Reduced air emissions and vector concerns

→ Anaerobic Digestion Facility at Miramar (\$TBD)

- Private design, build, operated

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

PROPOSED ZERO WASTE STRATEGIES

Education/enforcement (\$1.0M)

→ Enhanced Education

→ Community partnerships

→ Enhanced technical assistance for commercial and multifamily
→ Train the trainers (for haulers); Use of community partnerships

→ Enhanced education/enforcement for single-family households

→ Community Landfill tours

→ Enhanced city department outreach and education

→ Enhanced public/private carts/dumpsters graphics (recycling and trash)

→ Continue Quarterly Zero Waste Stakeholder meetings

→ Enhanced social media

→ Enhanced education in schools

→ Increased staffing

→ Education, enforcement, increased tonnage, and facility development

Policies

Reduce & Reuse

Recycle

Organics

Special Material

Facilities

Education

IMPACTS

Strategies	Commercial	Multifamily	Single Family	City Depts.	Haulers	General Fund
Flow control-potential disposal cost increase	\$	\$		\$	\$	
Fees from tons disposed to ALL tons collected - <i>case by case</i>	\$	\$			\$	
Greenwaste/organics added to CRO may increase costs	\$ ↻	\$ ↻	↻	\$ ↻	\$ ↻	
Currently exempt customers will see some net increase in service costs to add recycling	\$ ↻	\$ ↻			\$ ↻	
Require recycling in franchise hauler agreements (Infrastructure costs pass through to generator)	\$ ↻	\$ ↻			\$ ↻	
C&D increase rate to 65%	↻	↻			↻	
Increased education and enforcement (compliance fines)	\$ ↻	\$ ↻	\$ ↻	↻	\$ ↻	
Cost for blue and green recycling cart			\$ ↻			
Loss of franchise fee from Sycamore (\$2.9M)						\$
Loss of disposal discount from Miramar (\$1.75M)						\$
City Department Report Card				\$ ↻		
Potential decrease in cost as SF recycling increases						\$

CALENDAR

Stakeholder Meetings Session 1:

Wednesday, July 23

Thursday, July 24

Stakeholder Meetings Session 2:

Wednesday, August 27

Thursday, August 28

Stakeholder Meetings Session 3:

Wednesday, September 10

Thursday, September 11

Stakeholder Meetings Session 4:

Monday, September 22

Tuesday, September 23

- **Committee on the Environment (November 12, 2014)**
- **City Council (December 8 or 9, 2014)**

CONTACT

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**Please email feedback by
Thursday, 9/25/2014 to:**

rahays@sandiego.gov