Zero Waste Stakeholders Meeting

SESSION ONE

July 23, 2014 & July 24, 2014
BACKGROUND

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 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
FLIPPING THE RATIO ON THE WAY TO ZERO WASTE...

2014

2020

CITY OF SAN DIEGO ENVIRONMENTAL SERVICES DEPARTMENT

RECYCLINGWORKS.COM
BACKGROUND ON FINANCING

Refuse Disposal Fund

- Operating Miramar Landfill and Miramar Greenery
- Maintaining 16 closed landfills
- Recycling/diversion programs
- Illegal dump/litter abatements and community cleanups
- Code and franchise agreement enforcement
- Dead animal collection
- Abatement and roll-off services for City Departments

Landfill & Greenery Tipping Fees
Other
BACKGROUND ON FINANCING

Recycling Fund

- AB 939 Fee
- Commodity Revenue
- Other

- Blue bin and greenery collection services to single family
- Preparing, adopting, and implementing integrated waste management plans
- Recycling education and outreach programs
- Implementation of City Recycling Ordinance
- Hazardous waste recycling and collection programs
BACKGROUND ON SINGLE FAMILY SERVICES FINANCING

General Fund
- Pays $35M for Curbside Collection of Refuse*:
  95% of Collection Division (trash) customers are Single Family Households.

Recycling Fund
- Pays $17M for Curbside Collection of Recycling & Yard Waste*:
  95% of Collection Division customers (recycling and green waste are Single Family Households).

*The Peoples Ordinance prevents the City from collecting taxes or fees to pay for trash, recycling and yard waste collection.
Primary Reason for Financial Challenges

- Disposal fees based on what market allows
- AB939 fees to Recycling Fund are on tons disposed
- Franchise fees to General Fund are on tons of waste collected
- Must develop revenue streams outside of “disposal” revenue stream to “resource recovery” revenue stream to support current programs and future diversion efforts
## Current 5-year Financial Forecast

### Refuse Disposal Fund

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>$1,012,708</td>
<td>$351,000</td>
<td>($2,491,000)</td>
<td>($4,852,000)</td>
<td>($6,984,000)</td>
<td>($9,508,000)</td>
</tr>
</tbody>
</table>

### Recycling Fund

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>$8,195,147</td>
<td>$5,163,000</td>
<td>$1,852,000</td>
<td>$(1,653,000)</td>
<td>$(5,220,000)</td>
<td>$(8,240,000)</td>
</tr>
</tbody>
</table>
CHALLENGES

320,000 Tons of Additional Diversion Needed to Achieve 75%

- $7M to $15M in lost funds annually
  - $2- $4M less for General Fund
  - $4- $8M less for Disposal Fund
  - $1- $3M less for Recycling Fund
76% of disposed waste is recyclable.

Value $54M annually.

Organics: 39%
- Food Waste: 15% (190,000 tons)
Proposed Zero Waste Strategies

- Resource Recovery Center
- Automated Greenery Collection
- Weekly automated Blue Bin Recycling Collection
- Increase diversion levels in C&D Ordinance
- Add materials and reduce exemptions in CRO
- Recycling requirements in Franchise Agreements
- Supporting policies and laws
- Enhanced education
- Anaerobic Digestion
SUSTAINING FUNDING

- Flow control (FY16) ($8.3M)
- Discontinue City discounts (FY16-FY18) ($1.75M)

Refuse Disposal Fund

- Transfer Sycamore Franchise Fee from General Fund back to Recycling Fund (FY16-FY20) ($2.9M)
- Charge for Recycling Containers (FY16) ($1.2M)
- Change AB939 Fees collected from haulers to % of gross revenues (FY16)

Recycling Fund

- Change Franchise Fees to % of gross revenues (FY16)

General Fund
FUTURE DIVERSION STRATEGIES ➔ Resource Recovery Center

Transtor (Front View)
- 12 foot wide loading width provides for double vehicle unloading at each unit
- Customers unload materials

Transtor (Back View)
- Tips into compaction trailer which handles recyclables, MSW, brush and bulky items easily.

Rotary Auger / Compactors
- For Bulky Waste and Greens

- Accepts residential MSW, yard waste, recyclables, organics & bulky goods with ease
- Ideal for high flow areas
- Sites can accommodate both residents and collection vehicles
Implementing Anaerobic Digestion will broaden the type of materials that can be composted.
ASP will allow the Miramar Greenery to divert approximately an additional 3,000-10,000 tons of green waste and 9,000-20,000 tons of food waste each year.

The City recently submitted a grant proposal to Cal Recycle to fund the ASP system and a food rescue program.
CALENDAR

→ **Stakeholder Meetings Session 1:**
  Wednesday, July 23—6:00 p.m. to 7:30 p.m. @ Ridgehaven Auditorium
  Thursday, July 24—9:30 a.m. to 11:30 a.m. @ Metro Biosolids Conference Center

→ **Stakeholder Meetings Session 2:**
  Wednesday, August 27—6:00 p.m. to 7:30 p.m. @ Ridgehaven Auditorium
  Thursday, August 28, 2014—9:30 a.m. to 11:30 a.m. @ Metro Biosolids Conference Center

→ **Stakeholder Meetings Session 3:**
  Wednesday, September 10—6:00 p.m. to 7:30 p.m. @ Ridgehaven Auditorium
  Thursday, September 11—9:30 a.m. to 11:30 a.m. @ Metro Biosolids Conference Center

→ **Stakeholder Meetings Session 4:**
  Monday, September 22—9:30 a.m. to 11:30 a.m. @ Metro Biosolids Conference Center
  Tuesday, September 23—6:00 p.m. to 7:30 p.m. @ Ridgehaven Auditorium

- Plan to go to Committee on the Environment (November 2014)
- Plan to Council (December 2014)
Stephen Grealy
Deputy Director
sgrealy@sandiego.gov
(858) 573-1275

Ken Prue
Recycling Program Manager
kprue@sandiego.gov
(858) 492-5085
Zero Waste Stakeholders Meeting

Comments and Questions?
Email us at:

SDrecyclingworks@sandiego.gov