City of Newark

Draft
Long-Range
Recycling Plan

Reduce
Reuse
Recycle

And newly added... ROT!

March 8, 2018

Agenda

1. Background
2. Policies and Programs
3. Costs
4. Next Steps
Purpose

- Ensure compliance with local and state mandates
- Be environmentally responsible

StopWaste

- Enforcement of mandatory recycling & composting ordinance
- Technical assistance to ensure compliance
- Grants to non-profits
- Business recognition

CalRecycle

- California’s 75% initiative
- Beverage container recycling
- Policy compliance
- Program support
- Grants for programs and infrastructure
Key Recycling Laws

State Laws

1989
AB 939
- 25% Diversion by 1995
- 50% Diversion by 2000

2012
AB 341
- Mandatory Commercial & Multifamily Recycling
- 75% Statewide Recycling Goal

2014
AB 1826
- Mandatory Commercial & Multifamily Organics

2016
SB 1383
- 75% Organics Diversion
- 20% Edible Food Reduction/Redistribution by 2025

County Measures and Ordinances

1990
Alameda County Measure D
- Residential & Commercial Recycling Requirement
- 75% Countywide Recycling Goal

2008
Alameda County Waste Management Authority
- Plant Debris Landfill Ban

2012
Alameda County Waste Management Authority
- Mandatory Commercial & Multifamily Recycling
- Reusable Carryout Bag Requirement

SB 1383 Draft Requirements

- Jurisdictions are responsible for reducing contamination in containers.

- Jurisdictions are required to perform education and outreach, including for the Edible Food Recovery.
City Contract Background

2001 – Commercial Recycling offered, Residential Recycling Modified to one cart.
2002 - Added Residential Food Scraps to Yard Waste Cart
2005- Commercial Recycling added to the Franchise
June 2013 - New with Republic Services included:
  • Recycling education campaign
  • Services at city-sponsored events
  • Businesses and multi-family units have access to both cart and container services

November 2017- Added Commercial Organics Collection

Newark Per Capita Disposal Rate Trends

For the Years 2007 to 2015

Source: CalRecycle, City of Newark Per Capita Disposal Rate Trends, 2007-2016
## City Statistics

<table>
<thead>
<tr>
<th>Material</th>
<th>Single-Family</th>
<th>Multi-Family</th>
<th>Commercial Front-Load</th>
<th>Commercial Roll-Off</th>
<th>City and Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recyclables</td>
<td>3,657</td>
<td>140</td>
<td>838</td>
<td>0</td>
<td>341</td>
</tr>
<tr>
<td>Organics</td>
<td>6,000</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Landfill</td>
<td>8,520</td>
<td>1,350</td>
<td>9,421</td>
<td>7,719</td>
<td>2,785</td>
</tr>
<tr>
<td>Diversion Rate</td>
<td>53%</td>
<td>9%</td>
<td>8%</td>
<td>0%</td>
<td>11%</td>
</tr>
</tbody>
</table>

Source: City of Newark Summary, Allied Waste Services of Alameda County, 2016

## Diversion Potential

**Increasing Recycling Participation and Expanding Organics Services**

<table>
<thead>
<tr>
<th>Material</th>
<th>Single-Family</th>
<th>Multi-Family</th>
<th>Commercial Front-Load</th>
<th>Commercial Roll-Off</th>
<th>City and Schools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recyclables</td>
<td>4,317</td>
<td>261</td>
<td>1,570</td>
<td>915</td>
<td>558</td>
</tr>
<tr>
<td>Organics</td>
<td>7,238</td>
<td>359</td>
<td>2,643</td>
<td>1,694</td>
<td>781</td>
</tr>
<tr>
<td>Landfill</td>
<td>6,622</td>
<td>869</td>
<td>6,046</td>
<td>5,110</td>
<td>1,787</td>
</tr>
<tr>
<td>Diversion Rate</td>
<td>64%</td>
<td>42%</td>
<td>41%</td>
<td>34%</td>
<td>43%</td>
</tr>
</tbody>
</table>
City Goals

- Increase recycling participation
- Expand organics collection services
- Comply with local and state mandates

Potential New Policies

<table>
<thead>
<tr>
<th>2018-2020 Short-Term</th>
<th>2021-2024 Medium-Term</th>
<th>2025-2027 Long-Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adopt “10% Good Stuff” Goal</td>
<td>Event Recycling Requirements</td>
<td>Expansion of Mandatory Recycling and Composting</td>
</tr>
<tr>
<td>Sustainable Foodware Ordinance</td>
<td></td>
<td>Require Construction Projects to Use Designated Facilities</td>
</tr>
<tr>
<td>Space Requirements for Recycling and Composting</td>
<td></td>
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</tbody>
</table>
Potential New Programs

<table>
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<tr>
<th>2018-2020 Short-Term</th>
<th>2021-2024 Medium-Term</th>
<th>2025-2027 Long-Term</th>
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</thead>
<tbody>
<tr>
<td>Enhanced Outreach Materials and Website</td>
<td></td>
<td></td>
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<tr>
<td>Enhanced Outreach and Technical Assistance</td>
<td></td>
<td></td>
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<tr>
<td>Technical Assistance to Self-Haulers</td>
<td></td>
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<tr>
<td>Outreach and Technical Assistance to Schools</td>
<td></td>
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<tr>
<td>Outreach and Technical Assistance to the Faith-Based Community</td>
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<tr>
<td>Green Team Newark</td>
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<tr>
<td>Textile Recycling</td>
<td></td>
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<tr>
<td>Citywide Garage Sales</td>
<td></td>
<td></td>
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<tr>
<td>Holiday Reuse Exchanges</td>
<td></td>
<td></td>
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<tr>
<td>Expansion of Fix-It Clinics</td>
<td></td>
<td></td>
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<tr>
<td>Expansion of Voluntary or Mandatory Take-Backs</td>
<td></td>
<td></td>
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<tr>
<td>Expansion of Bulky Item Reuse and Recycling Program</td>
<td></td>
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<tr>
<td>Enhancements to Franchise Agreement</td>
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</tbody>
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Potential Costs and Resources

<table>
<thead>
<tr>
<th>Recommended Programs</th>
<th>Annual Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhanced Outreach Materials and Website</td>
<td>$25,000</td>
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<tr>
<td>Enhanced Outreach and Technical Assistance</td>
<td>$75,000</td>
</tr>
<tr>
<td>Recycling Equipment and Containers</td>
<td>$20,000</td>
</tr>
<tr>
<td>Total</td>
<td>$120,000</td>
</tr>
</tbody>
</table>

Potential Revenue Sources

- Annual Measure D allocation (approximately $120,000 per year)
- CalRecycle grants
- Altamont Education Advisory Board grants
Next Steps

- Add Phase 1 of Implementation to the Plan, finalize and bring to City Council for approval.

- Continue to monitor the SB 1383 requirements and bring final plan back to City Council in 2019 with Update for meeting new requirements.