Landfills and Organic Waste

2022 Scoping Plan Update
September 8, 2021
### Waste Disposed in California

- **Household Hazardous Waste**: 95,996
- **Electronics**: 228,480
- **Glass**: 658,952
- **Metal**: 1,811,134
- **Special Waste**: 2,639,651
- **Miscellaneous**: 3,867,339
- **Plastic**: 4,524,052
- **Inerts & Other**: 5,556,049
- **Food**: 5,859,534
- **Paper**: 6,525,762
- **Non-Food Organic**: 7,537,507

*Reference: 2018 Disposal Facility-Based Characterization of Solid Waste in California*
Actions Taken to Date

• Increase efficiency of landfill methane capture
• Mandatory commercial recycling
• Development of SB 1383 Regulations
• Development of emission reduction factors
• Grants and loans to build infrastructure
  • Recovery of edible food
  • Community compost
<table>
<thead>
<tr>
<th>Year</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>50% Reduction in landfilled organic waste (11.5 Million Tons = maximum Organic Waste Disposal)</td>
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<tr>
<td>2022</td>
<td>Regulations take effect</td>
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<tr>
<td>2025</td>
<td>75% Reduction in landfilled organic waste (5.7 Million Tons = maximum Organic Waste Disposal)</td>
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<tr>
<td>2025</td>
<td>20% Recovery of currently disposed edible food for human consumption</td>
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SB 1383 Key Implementation Dates

- **September 2016**: SB 1383 Passed by Legislature
- **Jan. 1, 2019**: Two Years of Informal Rulemaking Ends. Formal Rulemaking Begins
- **Fall 2020**: Regulations Adopted
- **Jan. 1, 2022**: Regulations Take Effect and State Enforcement Begins
- **Jan. 1, 2024**: Regulations Require Local Governments to Take Enforcement
- **January 1, 2025**: 75% Reduction in Organics Disposal
  - 20% Increase in Edible Food Recovery

- **2016-2019**: 50 Percent Reduction in Organic Waste Disposal
- **2020**: 2021
- **2022**: 2023
- **2024**: 2025

**CalRecycle**
Benefits of SB 1383 Implementation

• Creation of permanent green jobs
• Soil health
• Renewable fuels
• Reduce GHG emissions
• Air quality
• Avoided health impacts

$17 Billion In Economic Benefits

80-90 New Organic Waste Recycling Facilities
11,700 Permanent Green Jobs
4,500 Temporary Construction Jobs
SB 1383 Progress Analysis

Key Findings

Infrastructure  Collection  Permitting  Procurement
SB 1383 Environmental Justice Requirements

- Jurisdictions must seek feedback from communities when planning new facilities
- Educational materials must be translated into languages commonly spoken by the community
- Facility operators must hold a public meeting if a new or expanded facility will affect a disadvantaged community
- Enforcement agencies must hold an informational meeting for all new and revised full solid waste facility permit applications
Edible Food Recovery

• 4.9 million Californians are food-insecure
• SB 1383 requires 20% recovery of currently disposed edible food for human consumption
• Food Waste Rescue and Prevention:
  • $23M awarded
  • 77 projects funded
  • 125M meals provided
Grants and Loans – Community Benefits

• $143.9M awarded statewide
• 74% of funds benefit priority populations
• Prioritize high quality jobs
• Job training
• Community benefits agreements
• Community Composting for Green Spaces
Investments in the Circular Economy

- Take ownership of waste generated in California and build a circular economy
- Recognize waste as an economic resource
- Utilize recycled materials in the manufacturing of new products
- New Office of Innovation to foster market development and remanufacturing
Thank you

Resources

• To stay up to date, sign up for CalRecycle’s “Short-Lived Climate Pollutants (SLCP)” listserv:  
  https://www2.calrecycle.ca.gov/Listservs/Subscribe/152

• CalRecycle Contacts:
  SLCP Inbox: slcp.organics@calrecycle.ca.gov
  EJ Program: EnvironmentalJustice@calrecycle.ca.gov