GOING FROM IMPACT TO ACCLAIM

APRIL 23RD, 2015

Sustainable Materials Management

Food Recovery Challenge

CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

André Villaseñor
U.S. Environmental Protection Agency
Food Recovery Hierarchy to the rescue!

**Food Recovery Hierarchy**

- **Source Reduction**: Reduce the volume of surplus food generated
- **Feed Hungry People**: Donate extra food to food banks, soup kitchens and shelters
- **Feed Animals**: Divert food scraps to animal feed
- **Industrial Uses**: Provide waste oils for rendering and fuel conversion and food scraps for digestion to recover energy
- **Composting**: Create a nutrient-rich soil amendment
- **Landfill/Incineration**: Last resort to disposal

**Most Preferred**

**Least Preferred**

*EPA United States Environmental Protection Agency*
Sustainable Materials Management

Food Recovery Challenge

CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW

Instead of wasting food and money, Rethink! Take the Food Recovery Challenge

Who Can Join

Any business or organization can join as a participant or endorser.

- Participants reduce wasted food through prevention, donation, composting and anaerobic digestion.
- Endorsers promote sustainable food management by educating organizations about the environmental consequences of wasted food and recruiting participants.

Benefits of Joining

- Save money from reduced purchasing and waste disposal fees
- Help communities by using leftover food to feed hungry people, not landfills
- Generate a free climate change report to highlight your positive impact on the environment
- Receive regional and national recognition through FRC awards and social media
- Get free technical assistance through webinars, an online database, and prevention and diversion-related tools
- Be listed on the national EPA participant and endorsers page

How To Join

Follow these step by step instructions to become a participant or endorsers.

Need More Information

- Check out Frequent Questions.
- Contact the Food Recovery Challenge representative in your area.
Who’s who in the Food Recovery Challenge?

• 850 participants and endorsers, nationwide.
Take A Bite Out of Food Waste...as an FRC Participant or Endorser

epa.gov/foodrecoverychallenge

Five Easy Pieces!

1. Assess it!
2. Commit to it!
3. Do it!
4. Track it!
5. Earn it!
FRC PARTICIPATION AGREEMENT

Program Start Date:

Participant Information

Name of Organization:

Facility Name:

Principal Contact:

Title:

Address:

City:

State or Territory:

Zip:

Phone:

Email:

Today’s Date:

How did you find out about the Food Recovery Challenge?

Our organization would like to join the Food Recovery Challenge as a:

☐ FRC Participant
☐ FRC Endorser

By checking this box, I am stating that I understand the Food Recovery Challenge requirements, agree to the above terms and conditions, and have the authority to register my organization for the Food Recovery Challenge.

OMB Control No. 2050-0139
Costco Baseline 2014
(#s extrapolated from 8 week’s data for one year projection)

### Food Waste Prevention and Recycling - Summary Activities

<table>
<thead>
<tr>
<th>DIVERSION CATEGORY</th>
<th>ACTIVITY IN BASELINE YEAR</th>
<th>AMOUNT</th>
<th>UNIT (TONS/LBS)</th>
<th>TONS</th>
<th>COMMENTS/ACTIVITY DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Waste Prevention</td>
<td>Select</td>
<td>0.00</td>
<td>Tons</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Food Donation</td>
<td>Select</td>
<td>0.00</td>
<td>Tons</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>Food Recycling (e.g., composting, anaerobic digestion)</td>
<td>Select</td>
<td>0.00</td>
<td>Tons</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td><strong>Total Diverted</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Food Waste Disposed - Optional

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>AMOUNT</th>
<th>UNIT (TONS/LBS)</th>
<th>TONS</th>
<th>COMMENTS/ACTIVITY DETAILS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laidfilled</td>
<td>137.24</td>
<td>Tons</td>
<td>137.24</td>
<td>Wasted produce &amp; bread</td>
</tr>
<tr>
<td><strong>Total Disposed</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Tons Diverted:** 0.00

**Total Tons Generated:** 137.24

**Food Waste Diversion Rate:** 0.00 %
Please complete and submit this form by March 31 each year.

If you are just beginning to work on a new program or have not done an inventory of your food waste recently, please select "Summary Activities" below for inputting your goals.

If you have more detailed information about your data and would like to track by individual actions, please select "Detailed Activities" below for inputting your goals.

I will be reporting Food Waste Prevention and Recycling: *
- Summary Activities
- Detailed Activities

Food Waste Prevention and Recycling Goals - Summary Activities

<table>
<thead>
<tr>
<th>DIVERSION CATEGORY</th>
<th>AMOUNT</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Waste Prevention</td>
<td>102.93</td>
<td>Tons</td>
</tr>
<tr>
<td>Food Donation</td>
<td>17.16</td>
<td>Tons</td>
</tr>
<tr>
<td>Food Recycling (e.g. composting, anaerobic digestion)</td>
<td>4.30</td>
<td>Tons</td>
</tr>
<tr>
<td>Total Diverted</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Food Recovery Hierarchy

- Source Reduction
- Feed Hungry People
- Feed Animals
- Industrial Uses
- Composting
- Incineration or Landfill

Comments:

*Food waste prevention and recycling activities that make up the three diversion categories include but are not limited to: reducing over-purchasing of food, proper storage and handling techniques, reducing plate waste, making donations to feed those in need, and composting.
Costco 2015 Annual Food Recovery Data

Please complete and submit this form by March 31 each year.

If you are just beginning to work on a new program or have not done an inventory of your food waste recently, please select “Summary Activities” below for inputting your goals. If you have more detailed information about your data and would like to track by individual actions, please select “Detailed Activities” below for inputting your goals.

I will be reporting Food Waste Prevention and Recycling: *
- Summary Activities
- Detailed Activities

### Food Waste Prevention and Recycling Goals - Summary Activities

<table>
<thead>
<tr>
<th>DIVERSION CATEGORY</th>
<th>AMOUNT</th>
<th>UNIT</th>
<th>TONS</th>
<th>COMMENTS/ACTIVITY DETAILS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Waste Prevention</td>
<td>34.31</td>
<td>Tons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Donation</td>
<td>0.00</td>
<td>Tons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food Recycling (e.g., composting, anaerobic digestion)</td>
<td>68.82</td>
<td>Tons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Diverted</td>
<td></td>
<td></td>
<td>102.93</td>
<td></td>
</tr>
</tbody>
</table>

Comments:
The other 25% of last year's food scraps was taken to benefit due to contamination.

*Food waste prevention and recycling activities that make up the three diversion categories, include but are not limited to: reducing over-purchasing of food, proper storage and handling techniques, reducing plate waste, making donations to feed those in need.
Benefits of participating

Cost Savings

Feeding Hungry People

Reducing Environmental Harm

Technical Assistance/Tools

Recognition & Awards

Waste Tracking System
Benefits provided by your friendly, neighborhood EPA

• Password-protected database account.
• Numerous toolkits.
• Webinars.
• Awards & recognition.
• One-one-one technical assistance.
• Coming soon: personalized Climate Profile>>WARM
EPA.GOV/FOODRECOVERYCHALLENGE

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