AGENDA

MEETING OF THE
PLANNING COMMITTEE
AND
ALAMEDA COUNTY RECYCLING BOARD

Thursday, August 8, 2019
7:00 P.M.

Fremont City Hall
(Fire Department Large Training Room)
3300 Capitol Avenue
Fremont, CA 94538
(510) 284-4000
(Directions attached)

Teleconference
Sarah Vared
1915 Francisco Street
Berkeley, CA 94709
(425) 457-0056

Meeting is wheelchair accessible. Sign language interpreter may be available upon five (5) days’ notice to 510-891-6500.

I. CALL TO ORDER

II. ROLL CALL OF ATTENDANCE

III. ANNOUNCEMENTS BY PRESIDENT

IV. OPEN PUBLIC COMMENT
   An opportunity is provided for any member of the public wishing to speak on any matter within the jurisdiction of the Board, but not listed on the agenda. Each speaker is limited to three minutes.

V. CONSENT CALENDAR

1. Approval of the Draft Minutes of July 11, 2019 (Jeff Becerra)

7. Board Attendance Record (Jeff Becerra)

9. Written Report of Ex Parte Communications (Jeff Becerra)

VI. REGULAR CALENDAR

11. Upstream Grants (Meri Soll & Cassie Bartholomew)
   This item is for information only.

15. Food Waste Reduction Grantee Spotlight: Daily Bowl (Cassie Bartholomew)
   This item is for information only.

VII. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

VIII. ADJOURNMENT
### Directions

**Directions from San Jose and points South:**

Take Interstate I-880 North. Take the Mowry Avenue exit. Turn right onto Mowry Avenue. Turn right onto Hastings Street. Turn left onto Capitol Ave. The destination will be on your right.

**Directions from Walnut Creek and points East:**

Take Interstate 680 South. Take exit 16 for Mission Boulevard/CA-238. Turn right onto CA-238 N/Mission Blvd. Use the left 2 lanes to turn left onto Stevenson Blvd. Turn right onto Paseo Padre Pkwy. Turn left onto Capitol Ave. Turn left and then right. Destination is on the right.

**Directions Oakland/San Francisco:**

Take I-880 South/Interstate 880. Take the Mowry Avenue exit. Turn left onto Mowry Avenue. Turn right onto Hastings Street. Turn left onto Capitol Ave. The destination will be on your right.

### BART DIRECTIONS

The Fremont Bart Station is a 10 minute walk to Fremont City Hall.
I. CALL TO ORDER
President Sarah Vared called the meeting to order at 4:04 p.m.

II. ROLL CALL OF ATTENDANCE
Jillian Buckholz, Recycling Programs (via teleconference)
Bernie Camara, Recycling Materials Processing Industry
Dianne Martinez, ACWMA
Tianna Nourot, Solid Waste Industry Representative
Jim Oddie, ACWMA
Dave Sadoff, ACWMA
Sarah Vared, Source Reduction Specialist
Shelia Young, ACWMA (interim appointment)
Francisco Zermeño, ACWMA

Absent:
Vacant, Environmental Educator
Vacant, Environmental Organization

Staff Present:
Wendy Sommer, Executive Director
Jeff Becerra, Communications Manager
Chris Ross, Web Developer/Graphic Designer
Robin Plutchok, Program Manager
Teresa Eade, Senior Program Manager
Kelly Schoonmaker, Program Manager
Farand Kan, County Counsel
Arliss Dunn, Clerk of the Board

Others Participating:
Arthur Boone
Antoinette Stein
III. ANNOUNCEMENTS BY THE PRESIDENT
There were none.

IV. OPEN PUBLIC COMMENT
Antoinette Stein provided public comment regarding her opposition to the Davis Street OMRF and distributed a handout of the science regarding the use and application to land of MBT (Mechanical Biological Treatment) compost-like output. A copy of the handout is attached. Arthur Boone provided public comment regarding a recent court ruling against CalRecycle’s efforts to include private waste in the state’s 75% diversion goal. Mr. Boone added the waste industry is not capable of delivering high recycling activity to the people of California.

V. CONSENT CALENDAR
1. Approval of the Draft Minutes of June 13, 2019 (Jeff Becerra)
2. Board Attendance Record (Jeff Becerra)
3. Written Report of Ex Parte Communications (Jeff Becerra)

There were no public comments for the consent calendar. Board member Zermeño made the motion to approve the consent calendar. Board member Martinez seconded and the motion carried 8-0:

VI. REGULAR CALENDAR
1. Recycling App Working Demo (Jeff Becerra)
   This item is for information only.
   Jeff Becerra and Chris Ross provided an overview of the staff report and presented a working demo of the proposed Recycling App. A pdf of the report and the presentation is available here: Recycling-App-Demo.pdf

   President Vared offered congratulations to staff on a great job and inquired if there are any questions that may prove helpful to staff at this stage of the process. Board member Zermeneño commended staff on an excellent job and suggested to add an “other box” to type in materials that are not listed. Board member Martinez inquired if we have a budget for translating the app to other languages, i.e. Spanish or Cantonese, etc. Mr. Becerra stated that this is a starting point and staff will be looking to improve the site over time, including translation into other languages. Mr. Ross added there are some easy service level approaches. Google has a functionality that will take a page shot and will do a programmatic translation. He added it is not perfect but easy to implement. Board member Martinez inquired about how to search in jurisdictions with multiple zip codes. Mr. Ross stated that the information will display the names of all the cities and their information. Board member Martinez suggested including a warning box instructing residents to find their city below and notifying them that there may be different haulers in their city. Board member Martinez inquired if we are using nationwide databases for mail-in programs. Robin Plutchok stated that the mail-in programs will include out of state information. Ms. Plutchok added, we currently have nationwide programs included in RecycleWhere and one of the challenge is the information is filtered by material, curbside and distance; however, the new version will not be limited. President Vared commented that the HHW warning information is confusing and recommended that staff inquire about this issue during user testing.
President Vared inquired if there is a way to use data around top contamination items, e.g. a rotating block on information showing milk cartons and other top contamination items. Mr. Ross stated that we can look into including pop ups around key items.

President Vared thanked staff for the presentation.

Arthur Boone provided public comment. Mr. Boone stated that the bottle bill is broken and consumers are having difficulty finding locations to redeem their bottles. He also commented that some supermarkets are no longer accepting plastic bags and considers it our obligation to follow up with those retailers and to provide information on our website regarding the retailers that are accepting plastic bags.

Antoinette Stein suggested to add a food button to the section of the app that says “Lawn and Garden” and link to the StopWaste page that provides information on food waste.

2. **Sustainable Landscapes in Alameda County - Annual Report (Jennifer West)**
   This item is for information only.
   
   In the absence of Jenifer West, Teresa Eade provided an overview of the staff report and presented a PowerPoint presentation. A link to the report and the presentation is available here: [Sustainable-Landscapes-Alameda-County.pdf](Sustainable-Landscapes-Alameda-County.pdf)

   Board member Young stated that she is interested in the carbon farming projects on the agency property and asked that staff provide an update to the WMA Board. Ms. Sommer asked that Kelly Schoonmaker provide information on a recent grant that the agency received for carbon farming, and added the agency will provide an update to the Board in the near future. Ms. Schoonmaker stated that the agency received a Healthy Soils Demonstration grant from the California Department of Food and Agriculture (CDFA). In partnership with the Alameda County Resource Conservation District (ACRCD), UC Merced, Natural Resource Conservation Service, and Point Blue Conservation Science, the project will look specifically at compost application on slopes. Ms. Schoonmaker added she has provided carbon farming presentations to the Pleasanton Energy and Environment Committee as well as a couple of other cities and would be happy to present to other member agencies upon request.

President Vared thanked Ms. Eade for the presentation.

VII. **COMMUNICATIONS/MEMBER COMMENTS**

Board member Zermeño stated that he would require an interim appointment for the August 8 Recycling Board meeting. Ms. Sommer stated that we would place the item on the July 24 WMA agenda. Board member Nourot inquired if staff has been following the news regarding the Air District’s recent rules regarding enclosing composting operations. Board member Nourot stated that Waste Management submitted comments. Ms. Schoonmaker stated that the agency is aware of the issue but did not submit comments. Ms. Schoonmaker stated that the agency will keep abreast of the issue and asked if Board member Nourot could share a copy of the Waste Management comment letter.

Ms. Sommer announced that Board member Martinez had completed her second term on the Recycling Board and thanked her for her strong interest and very useful input on recycling issues. Board member Martinez expressed her appreciation for serving on the Recycling Board. Clerk Arliss Dunn presented Board member Martinez with a reusable water bottle and reusable produce bag.

VIII. **ADJOURNMENT**
The meeting adjourned at 4:55 p.m.
The use and application to land of MBT compost-like output - review of current European practice in relation to environmental protection

Science Report – SC030144/SR3
Alex McNulty

From: Tackitt, Shawn <STackitt@WM.com>
Sent: Thursday, February 16, 2017 11:15 AM
To: Teresa Eade
Cc: stack.tt@wm.com; Wendy Sommer; Debra Kaufman; Tom Padia
Subject: RE: Follow-up to presentation
Attachments: 150623_Wi_ZWE_BACKHUS_LT References (3).pdf; scho0109bpfn-e-e.pdf; BACKHUS LT - Reference list (2).pdf

1. Can you provide me with a short list of some of similar facilities in Europe, especially the ones that you were most impressed with? Please provide name and location and website links if you have them.

   Ecopark 1 and 2 in Barcelona and Varennes-Jarcy and Calais in France are operated by Urbaser and process MSW. I have also attached a reference list from BACKHUS, some of these site process MSW and other SSO.

2. Is there a brand name for this facility or for the major parts of the technology being used for the sorting and composting?

   Viessmann who owns Backhaus provides the primary design for the composting processing system and compost turner. BHS is providing the sorting equipment for the OMRF and the pre and post processing sorting equipment for the composting facility. Each facility is designed specifically for the feedstock needs and site configuration.

3. Can you share lab reports on compost products from the European facilities or any other compost standard information on the finished compost products?

   I have requested.

4. Are there any restrictions on the end use of the compost products made in these facilities in European countries where it is made?

   This is not my area of expertise, and I believe that most facilities are using a combination of MSW and SSO compost as well as other additives to create a finished product that meets local market needs. I have attached a document that provides some information regarding requirements for MSW composting in EU countries. See attachment “scho0109bpfn-e-e.pdf”

5. Are you expecting to remove all glass and plastic from the finished compost?

   We are expecting to remove glass, plastic and other inerts and physical contamination to meet Title 14 requirements. Title 14 requirements will require all composters to achieve a very high level of physical contamination removal. This project will utilize pre and post processing sorting and separation to achieve these requirements. To my knowledge, this level of pre and post processing does not exist today in the U.S.

Hope this helps. Would be happy to discuss further if you would like.

From: Teresa Eade [mailto:teade@stopwaste.org]
Sent: Friday, February 10, 2017 5:37 PM
To: Tackitt, Shawn <STackitt@WM.com>
Cc: stack.tt@wm.com; Wendy Sommer <wsommer@stopwaste.org>; Debra Kaufman <dkaufman@stopwaste.org>; Tom Padia
Table 3.1 Summary of main hazards associated with different potential composting feedstocks (Entec 2004)

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<tr>
<th>Feedstock</th>
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<th>Animal/human pathogens</th>
<th>Plant pathogens</th>
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<th>Toxic organic chemicals</th>
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Higher levels of contamination contained in MBT output (relative to other types of compost produced from separately collected green waste) limits the end use for MBT outputs. A study carried out for DG Environment in 2004 showed that the levels of metals from material derived from MBT plants can be two to 10 times greater than those present in compost derived from source-separated green waste (Amlinger et al. 2004).

There is no uniform system for setting compost standards across the EU. However, almost all EU-15 countries have statutory standards, with just a few relying on voluntary standards (e.g. UK and Sweden). Most countries differentiate between two compost classes, but a few such as Austria and Netherlands apply three standards.

Very few include consideration of non-source-segregated MSW outputs. The standards can differ quite significantly from one country to another. While the seven most common metals are typically covered by the standards, the limit values vary and some countries apply limit values for additional substances. For example, Denmark, Germany and Sweden have limit values for dioxins, PCBs, PAHs, nonylphenols and DEHP. In 2004, waste treated via MBT was sent to landfill in Austria, to incineration in Germany and used as low grade compost in France, Italy and Spain. Portugal also composts MSW for land-spreading but plans to phase out composting of mixed waste by 2016 (COWI 2004).

Quite a few countries have based compost standards on the limit values set out in the EU Sewage Sludge Directive (86/278/EC). Other policies that have influenced these
### 2019 - ALAMEDA COUNTY RECYCLING BOARD ATTENDANCE

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**Measure D:** Subsection 64.130, F: Recycling Board members shall attend at least three fourths (3/4) of the regular meetings within a given calendar year. At such time, as a member has been absent from more than one fourth (1/4) of the regular meetings in a calendar year, or from two (2) consecutive such meetings, her or his seat on the Recycling Board shall be considered vacant.

X=Attended  A=Absent  I=Absent - Interim Appointed
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DATE: August 8, 2019
TO: Recycling Board
FROM: Jeff Becerra, Communications Manager
SUBJECT: Written Reports of Ex Parte Communications

BACKGROUND

Section 64.130 (Q)(1)(b) of the Alameda County Charter requires that full written disclosure of ex parte communications be entered in the Recycling Board's official record. At the June 19, 1991 meeting of the Recycling Board, the Board approved the recommendation of Legal Counsel that such reports be placed on the consent calendar as a way of entering them into the Board's official record. The Board at that time also requested that staff develop a standard form for the reporting of such communications. A standard form for the reporting of ex parte communications has since been developed and distributed to Board members.

At the December 9, 1999 meeting of the Recycling Board, the Board adopted the following language:

    Ex parte communication report forms should be submitted only for ex parte communications that are made after the matter has been put on the Recycling Board’s agenda, giving as much public notice as possible.

Per the previously adopted policy, all such reports received will be placed on the consent calendar of the next regularly scheduled Recycling Board meeting.
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DATE:     August 8, 2019
TO:       Planning Committee/Recycling Board
FROM:     Meri Soll, Senior Program Manager
          Cassie Bartholomew, Program Manager
SUBJECT:  Upstream Grants

SUMMARY
The Agency’s guiding principles identify upstream activities as an area of emphasis. Staff has been working on a number of programs that offer grant funding for projects that focus on upstream activities including recovery for reuse, redistribution, deconstruction and repair. This memo provides an overview of grants recently awarded through the grants solicitation for reuse/repair, food waste prevention and food recovery grants.

DISCUSSION
StopWaste takes several approaches to support and improve recovery, salvage, reuse, repair and redistribution infrastructure in Alameda County. We have been providing grant funding specifically for entities implementing these types of activities for several years to ensure upstream infrastructure and services are available to Alameda County residents and businesses. StopWaste funding provides an opportunity to both for-profit and nonprofit organizations to jump start an idea or advance business reuse concepts that encourage source reduction measures like recovery, reuse and repair over recycling/composting/landfill.

Last fiscal year, staff awarded the following funding through the grants solicitation process:

- **Food Waste Recovery/Prevention Grants:** $110,000
- **Upstream Grants (not including food waste recovery/prevention):** $274,266

A full list of the recently funded grants for FY 18/19 can be found in Attachment A.

Staff will provide a presentation to the Board that includes an overview of Reuse Grants and Food Waste Prevention/Recovery grant programs as well as highlight entities selected for award. There will be future presentations on grant programs that promote upstream activities such as reusable packaging, and community outreach grants focused on single use disposables and food waste prevention.

RECOMMENDATION
This item is for information only.

ATTACHMENT A: Funded Reuse and Food Waste Prevention Grants FY 18/19
### New/Pilot Reuse Program

<table>
<thead>
<tr>
<th>Organization/City</th>
<th>Amount</th>
<th>Grant Funding Synopsis</th>
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<tbody>
<tr>
<td>Bay Area Redwood Hayward Hayward</td>
<td>$15,000</td>
<td>Funds for storage and operations to divert trees from urban environments into upcycled wood products including live-edge slabs, beams, siding, etc.</td>
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<tr>
<td>Cal Shakes Berkeley</td>
<td>$8,500</td>
<td>Funds to build reusable stock set pieces to reduce construction waste sent to landfill by approximately a half ton per year every year for the foreseeable future.</td>
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<td>Community Action for a Sustainable Alameda (CASA)</td>
<td>$6,266</td>
<td>Host Repair Cafe events in Alameda where residents and businesses repair broken items. Provides an opportunity for community members to learn repair skills and keep durable items in use.</td>
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<td>Ecology Center Berkeley</td>
<td>$45,000</td>
<td>Develop and implement a Reusable Foodware Pilot to further reduce single-use disposable food ware, and create a model for city-wide and regional adoption. Will build on Berkeley’s Single Use Disposable (SUDS) and Litter Reduction Ordinance.</td>
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<tr>
<td>Filljoy Countywide</td>
<td>$15,000</td>
<td>Funds to pilot Filljoy software at three Alameda County grocery stores that offer bulk purchasing options using an smartphone app.</td>
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<tr>
<td>Go Box Oakland</td>
<td>$9,500</td>
<td>Funding to conduct outreach and secure food truck vendors to pilot Go Box reusable food ware containers in place of single use disposal item services at Oakland's First Friday event. Multiple partners will be used.</td>
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<td>MedShare San Leandro</td>
<td>$20,000</td>
<td>Develop a Biomedical Equipment Lending Library to increase donations from hospitals and manufacturers. Biomedical equipment is regularly sold to secondary markets or destroyed as part of in-place contracts.</td>
</tr>
<tr>
<td>Reuse Alliance Oakland</td>
<td>$20,000</td>
<td>Expand Agency's database of Alameda County reuse enterprises to improve access to upcycling infrastructure in RecycleWhere database.</td>
</tr>
<tr>
<td>Surplus Service Fremont</td>
<td>$15,000</td>
<td>Program to reuse instead of recycling hard disk drives (HDD) by wiping the HDDs coming into facility instead of sending to shredders. Funds to help offset purchase of required data sanitation and data security equipment.</td>
</tr>
<tr>
<td>Upstream Countywide</td>
<td>$20,000</td>
<td>Coordinate regional activities around reusable food ware opportunities for implementation countywide.</td>
</tr>
<tr>
<td><strong>TOTAL NEW/PILOT</strong></td>
<td><strong>$174,266</strong></td>
<td></td>
</tr>
</tbody>
</table>

### ReUse Operating Grants

<table>
<thead>
<tr>
<th>Organization/City</th>
<th>Amount</th>
<th>Grant Funding Overview</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child Care Links - Pleasanton</td>
<td>$15,000</td>
<td>Expand and improve Pleasanton based program that collects big box store returns as well as gently used household items and clothing donations for redistribution to families in need.</td>
</tr>
<tr>
<td>Organization/City</td>
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<tr>
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</tr>
<tr>
<td>Community Impact Lab - San Leandro</td>
<td>$15,000</td>
<td>Support collection of over 10 tons of donated textiles, fabrics, toys and baby supplies annually through the Baby Box Program offered to vulnerable populations. Project includes repair and repurpose of damaged goods for donation and retail purposes.</td>
</tr>
<tr>
<td>East Bay Depot - Oakland</td>
<td>$10,000</td>
<td>Expand and implement the Estate Reuse Service program that provides Alameda County residents dealing with challenging life transitions a convenient resource to responsibly dispose of personal property.</td>
</tr>
<tr>
<td>Habitat For Humanity Restore - Oakland</td>
<td>$10,000</td>
<td>Develop communications/outreach campaign to promote the ReStore and encourage community to visit the Restore as well as educate residents about the importance of reuse and donations.</td>
</tr>
<tr>
<td>Loved Twice - Berkeley</td>
<td>$10,000</td>
<td>Collection and distribution of over 7,000 pounds of gently used baby garments to keep newborn babies clean and warm through their first year of life by providing a wardrobe-in-a-box for 700 newborns-in-need.</td>
</tr>
<tr>
<td>RAFT - San Jose</td>
<td>$10,000</td>
<td>Secure and collect material donations from Alameda County manufacturers for reuse. Use materials to create kits and curriculum for students and teachers using salvaged and reusable materials.</td>
</tr>
<tr>
<td>Rebuilding Together - Emeryville/Oakland</td>
<td>$10,000</td>
<td>Train and supervise 500 volunteers and 30 clients yearly to salvage reusable building materials instead of sending to landfill/recycling.</td>
</tr>
<tr>
<td>Urban University (UU) - Oakland</td>
<td>$10,000</td>
<td>Operate urban furniture &amp; boutique comprised of donated household goods, clothing and corporate donations of items destined for landfill to support UU's social enterprise serving homeless single mothers through an innovative impact model combining employment, housing and support services.</td>
</tr>
<tr>
<td>Waterside Workshop (WW) Berkeley</td>
<td>$10,000</td>
<td>Operate WW's Street Level Cycles program that sources, reuses and rebuilds discarded bicycles in a youth job-training program. Bicycles are both sold for program support and donated to low-income youth for green transportation.</td>
</tr>
<tr>
<td>TOTAL REUSE OPERATING</td>
<td>$100,000</td>
<td></td>
</tr>
</tbody>
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<tr>
<td>Berkeley Food Network Berkeley</td>
<td>$20k</td>
<td>Recovers food that would otherwise go into the waste stream from food retailers, distributors, and producers in Berkeley and nearby municipalities to feed people in Berkeley experiencing food insecurity.</td>
</tr>
<tr>
<td>Daily Bowl Tri Cities</td>
<td>$20k</td>
<td>Funds used to support programs that incorporate prepared food from commercial establishments, grocery stores and eating establishments that are distributed to local non-profit food pantries.</td>
</tr>
<tr>
<td>East Bay Food Justice Project aka Food Not Bombs Berkeley/Oakland</td>
<td>$10k</td>
<td>Collection and distribution of produce and prepared food that would otherwise be wasted. Produce transformed into healthy vegetarian meals to be served free of charge to the public including delivery of prepared food to homeless encampments.</td>
</tr>
<tr>
<td>Hope 4 the Heart Hayward</td>
<td>$20k</td>
<td>Provide food, produce, diapers, and household items to local families who are experiencing food insecurity. An additional 185 tons of edible food across Alameda County rescued due to grant.</td>
</tr>
<tr>
<td>Replate</td>
<td>$20k</td>
<td>Funds to support Replate's technology platform enables businesses to schedule on-demand pickups for their surplus food that is donated directly to those experiencing food insecurity.</td>
</tr>
<tr>
<td>Organization</td>
<td>Amount</td>
<td>Description</td>
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<tr>
<td>Tiburcio Vasquez Health Center, Inc.</td>
<td>$20k</td>
<td>Develop a model food donation program with a nutrition education component to ensure that recipients of recovered food make healthy food choices and use proper food preparation methods to prevent wasted food.</td>
</tr>
<tr>
<td>Total Food Waste Recovery</td>
<td>$110,000</td>
<td></td>
</tr>
</tbody>
</table>
DATE: August 8, 2019

TO: Planning Committee/Recycling Board

FROM: Cassie Bartholomew, Program Manager

SUBJECT: Food Waste Reduction Grantee Spotlight: Daily Bowl

SUMMARY
StopWaste has offered Food Waste Prevention and Recovery grants to nonprofits and businesses since 2012, funding 17 food waste reduction projects in Alameda County. This grant program provides funding to prevent food from going to waste through source reduction and/or support for developing infrastructure and increased capacity to recover and donate food to feed people. Daily Bowl is one of the nonprofits funded through this grant program. At the August 8 Planning Committee/Recycling Board meeting, Paddy Iyer from Daily Bowl will provide an overview of their food recovery work funded by StopWaste, sharing his organization's approach to keeping surplus edible food out of landfill while addressing the growing issue of food insecurity in the Tri-City area.

DISCUSSION
Daily Bowl is a Union City based 501(c)(3) nonprofit that gleans surplus produce and groceries from farmers markets, farms, grocery stores, and restaurant wholesale distributors, and redistributes this surplus food to nonprofits that serve low-income, vulnerable and under-resourced populations in the Tri-City areas of Fremont, Union City and Newark. About 30% of the Tri-City population lives below the poverty line, unable to meet their daily sustenance and nutrition needs.

StopWaste awarded Daily Bowl a $10k grant in 2017 and a $20k grant in 2019 to increase recovery of surplus food and reduce waste in the Tri-City area by expanding outreach to donors and redistribute food to feed community groups and families in need. To date, Daily Bowl has gleaned up to 270k pounds of produce and 40k pounds of meals in Alameda County.

RECOMMENDATION
This item is for information only.