

**Authority Board (WMA), Energy Council (EC)  
and Recycling Board (RB) Members**

Dan Kalb, **WMA President**  
City of Oakland, WMA, EC

Michael Hannon, **WMA 1st Vice President**  
City of Newark, WMA, EC

Dave Sadoff, **WMA 2nd Vice President**  
Castro Valley Sanitary District, WMA

Lorin Ellis, **EC President**  
City of Union City, WMA, EC

Dianne Martinez, **EC 1<sup>st</sup> Vice President and RB President**  
City of Emeryville, WMA, EC, RB

Jim Oddie, **EC 2<sup>nd</sup> Vice President**  
City of Alameda, WMA, EC, RB

Steve Sherman, **RB 1<sup>st</sup> Vice President**  
Source Reduction Specialist, RB

Jerry Pentin, **RB 2<sup>nd</sup> Vice President**  
City of Pleasanton, WMA, EC, RB

Keith Carson, County of Alameda, WMA, EC

Peter Maass, City of Albany, WMA, EC, RB

Jesse Arreguin, City of Berkeley, WMA, EC

Don Biddle, City of Dublin, WMA, EC

Vinnie Bacon, City of Fremont, WMA, EC

Sara Lamnin, City of Hayward, WMA, EC

Bob Carling, City of Livermore, WMA, EC

Shelia Young, Oro Loma Sanitary District, WMA

Tim Rood, Piedmont, WMA, EC, RB

Deborah Cox, City of San Leandro, WMA, EC

Toni Stein, Environmental Educator, RB

John Moore, Environmental Organization, RB

Bernie Camara, Recycling Materials Processing Industry, RB

Adan Alonzo, Recycling Programs, RB

Michael Peltz, Solid Waste Industry Representative, RB

Wendy Sommer, Executive Director

## **AGENDA**

### **JOINT MEETING OF THE ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY (WMA)**

### **THE ENERGY COUNCIL (EC)**

### **AND**

### **THE SOURCE REDUCTION AND RECYCLING BOARD (RB)**

**Wednesday, April 26, 2017**

**3:00 P.M.**

**StopWaste Offices  
1537 Webster Street  
Oakland, CA 94612  
510-891-6500**

**Teleconference  
Sara Lamnin  
New City Library  
220 North Main Street  
New City, New York 10956  
(510) 432-7703**

Meeting is wheelchair accessible. Sign language interpreter may be available upon five (5) days notice by calling 510-891-6500. Members of the public wanting to add an item to a future agenda may contact 510-891-6500.

#### **I. CALL TO ORDER**

#### **II. ROLL CALL**

#### **III. ANNOUNCEMENTS BY THE PRESIDENTS - (Members are asked to please advise the boards or the council if you might need to leave before action items are completed)**

#### **Page IV. CONSENT CALENDAR**

1	<b>1. Approval of the Draft WMA Minutes of March 22, 2017 (Wendy Sommer)</b>	<b>Action</b>
7	<b>2. Approval of the Draft P&amp;O/RB Minutes of March 9, 2017 (Tom Padia)</b>	<b>Action</b>
11	<b>3. Minutes of the April 18, 2017 Technical Advisory Group (TAG) (Karen Kho)</b>	<b>Information</b>
15	<b>4. Recycling Board Attendance Record (Tom Padia)</b>	<b>Information</b>
17	<b>5. Written Report of Ex Parte Communications (Tom Padia)</b>	<b>Information</b>

19	<b>6. Grants Issued Under Executive Director Signature Authority (Wendy Sommer)</b> <b>V. OPEN PUBLIC DISCUSSION</b> An opportunity is provided for any member of the public wishing to speak on any matter within the jurisdiction of the boards or council, but not listed on the agenda. Total time limit of 30 minutes with each speaker limited to three minutes. <b>VI. REGULAR CALENDAR</b>	Information
21	<b>1. Proposed FY 2017/18 Budget Presentation (Wendy Sommer &amp; Pat Cabrera)</b> This item is for information only.	Information
23	<b>2. Legislative Positions for 2017 (Debra Kaufman)</b> Staff recommends that the Board adopt the positions recommended for the Agency for the 2017 session of the California Legislature.  <b>3. Interim appointment(s) to the Recycling Board for WMA appointee unable to attend future Board Meeting(s) (Wendy Sommer)</b> (P&O and Recycling Board meeting, May 11, 2017 at 7:00 pm – Castro Valley Public Library, 3600 Norbridge Avenue, Castro Valley, CA 94546)	Action
	<b>VII. COMMUNICATIONS/MEMBER COMMENTS</b>  <b>VIII. ADJOURNMENT</b>	Information

**DRAFT**

**MINUTES OF THE MEETING  
OF THE  
ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY (WMA)  
And  
THE ENERGY COUNCIL (EC)**

**Wednesday, March 22, 2017**

**3:00 P.M.**

**StopWaste Offices  
1537 Webster Street  
Oakland, CA 94612  
510-891-6500**

**I. CALL TO ORDER**

Mike Hannon, Vice President, WMA, called the meeting to order at 3.00 p.m. Vice President Hannon welcomed the attendees from the five Alameda County businesses and thanked them for their efforts to reduce waste in Alameda County.

**II. ROLL CALL**

**WMA & EC:**

County of Alameda	Keith Carson, WMA, EC
City of Alameda	Jim Oddie, WMA, EC
City of Albany	Peter Maass, WMA, EC
City of Berkeley	Jesse Arreguin, WMA, EC
Castro Valley Sanitary District	Dave Sadoff, WMA
City of Dublin	Don Biddle, WMA, EC
City of Emeryville	Dianne Martinez, WMA, EC
City of Fremont	Vinnie Bacon, WMA, EC
City of Hayward	Sara Lamnin, WMA, EC
City of Livermore	Bob Carling, WMA, EC
City of Newark	Mike Hannon, WMA, EC
City of Oakland	Abel Guillen, WMA, EC
Oro Loma Sanitary District	Shelia Young, WMA
City of Piedmont	Tim Rood, WMA, EC
City of Pleasanton	Kathy Narum, WMA, EC
City of San Leandro	Deborah Cox, WMA, EC

**ABSENT:**

City of Union City	Lorrin Ellis, WMA, EC
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**Staff Participating:**

Wendy Sommer, Executive Director  
Tom Padia, Deputy Executive Director  
Pat Cabrera, Administrative Services Director  
Debra Kaufman, Senior Program Manager  
Richard Taylor, Legal Counsel, Authority Board  
Arliss Dunn, Clerk of the Board

## DRAFT

### Others Present:

Shawn Tackitt, Waste Management, Inc.

Peter Slote, City of Oakland

Anjana Mepani, City of San Leandro

Rebecca Jewell, Former Recycling Board Member and former staff for Waste Management, Inc.

Antoinette Stein, City of Berkeley resident

Wafaa Aborashed, Bay Area Health Communities and City of San Leandro resident

Arthur Boone, NCRA

StopWaste Business Awards Recipients and Attendees

### III. ANNOUNCEMENTS BY THE PRESIDENTS

There were none.

### IV. CONSENT CALENDAR

1. **Approval of the Draft Minutes of February 22, 2017 (Wendy Sommer)** **Action**
2. **Memorandum of Agreement Renewal with the Bay Area Air Quality Management District (Wendy Sommer)** **Action**  
The Programs and Administration Committee recommends that the WMA Board authorize the Executive Director to execute the renewal of the MOA with the BAAQMD.
3. **Annual Audit for Fiscal Year 2015/16 (Todd High)** **Action**  
The Programs & Administration and the Planning & Organization Committees recommend that the WMA Board review, accept and file the FY 2015/16 audit report.  
Staff recommends that the Energy Council review, accept and file the FY 2015/16 audit report.
4. **Minutes of the February 21, 2017 Technical Advisory Group (Karen Kho)** **Information**
5. **Grants Issued Under Executive Director Signature Authority (Wendy Sommer)** **Information**

Board member Young made the motion to approve the Consent calendar. Board member Narum seconded and the motion carried 18-0.

(Ayes: Bacon, Biddle, Carling, Carson, Cox, Hannon, Guillen, Lamnin, Maass, Martinez, Narum, Oddie, Rood, Sadoff, Young. Nays: None. Abstain: None. Absent: Arreguin, Ellis).

### V. OPEN PUBLIC DISCUSSION

There was none.

### VI. REGULAR CALENDAR

1. **Two-Year Service Credit Enabling Resolution (Pat Cabrera)** **Action**  
Staff recommends that the WMA Board approve the attached resolution which will allow the Authority to offer the two-year service credit to eligible employees in the Program Manager I, Program Manager II and Senior Program Manager classifications with the designated window period to begin May 1, 2017 and end September 30, 2017.

Pat Cabrera provided an overview of the staff report. A link to the report is available here:

[Two-Year-Service-Credit-Enabling-Memo-03-22-17.pdf](#)

Ms. Cabrera stated that the resolution will be amended to show that the WMA Vice President will sign the resolution as the presiding officer in the absence of the WMA President. Vice President Hannon asked that staff include a note in the budget for the next two to three years documenting the anticipated savings and expenses referencing this action. There was no public comment on this item.

Board member Biddle made the motion to approve the staff recommendation. Board member Narum seconded and the motion carried 18-0.

(Ayes: Bacon, Biddle, Carling, Carson, Cox, Hannon, Guillen, Lamnin, Maass, Martinez, Narum, Oddie, Rood, Sadoff, Young. Nays: None. Abstain: None. Absent: Arreguin, Ellis).

**2. Second Reading and Consideration of adoption for Ordinance 2017-02: Amendment to the Alameda County Integrated Waste Management Plan to Include the Davis Street Transfer Station Organics Facilities in the City of San Leandro (Debra Kaufman) Action**

It is recommended that the Waste Management Authority waive the requirement to read the full text of the Ordinance, read by title only, and adopt Ordinance 2017-02.

Vice President Hannon directed the Board to a letter from Greenfire Law, PC. The letter was received by staff via email and was addressed to the Waste Management Authority Board and was made available to board members at the start of the meeting. A copy of the letter will be attached to the minutes as a matter of record.

Debra Kaufman provided an overview of the staff report. A link to the report is available here:

[Davis-Street-CoIWMP-Amendment-memo-03-22-17.pdf](#)

Ms. Sommer stated that staff received the letter from Greenfire Law, PC approximately two hours prior to the start of the Board meeting. Staff from Waste Management was present to provide a comparison of the proposed project and to assert that there has not been a significant change to the project. Also present was staff from the City of San Leandro Planning Department to provide comments regarding the proposed project. Vice President Hannon opened the public hearing. Anjana Mepani, Senior Planner for City of San Leandro stated that the Davis Street Organics Facility was approved by the City of San Leandro in 2011 through a site review process. The City conducted a thorough CEQA analysis and findings that included outreach to neighborhoods, property owners, businesses and agencies. Ms. Mepani stated there is confusion regarding the terminology regarding what the buildings are called in the CoIWMP and the site review plan. They are referring to the same building but using different terms. The Organics Materials Recovery Facility is the same as the Food Waste Recycling Facility. There was a conditional use permit granted in 1998 prior to the 2011 site plan review process. The site plan review process was for the approval of the construction of state of the art facility to recover and recycle materials from the waste stream from Alameda County cities to meet waste reduction goals. The proposed facility includes new buildings to recycle, compost and sort materials. The approval did not allow for increase in tonnage to be processed but rather processing to be enclosed in new buildings. The new buildings contained air handling equipment, bio-filters, and ventilation systems to treat dust, odors, and improve air quality. The CEQA analysis found that the project would not violate any existing or projected air quality standards and that there would be a reduction in truck traffic as a result in the decrease of volume of the food and green mixed waste organics due to composting operations. Notification through the site review process was within a 300 foot radius and included a variety of homeowners, associations, as well as a number of different agencies. There were also several meetings with the park district adjacent to the site. There was also a neighborhood forum that is held every year as part of the conditional use permit process that includes neighborhood associations that were included as a part of the process. The project was also presented to the Board of Zoning Adjustments at a public meeting as well as the City Council Housing and Business Development sub-committee at a public meeting. All of this took place during the 2010-2011 timeframe.

Antoinette Stein provided public comment. Ms. Stein stated that as the letter from Greenfire Law indicated that language is confusing and she considers it a clear violation of CEQA. She also disagrees that the proposed facility is state of the art because she disagrees with the process of using a machine to separate materials from a single waste bin. Additionally, she disagrees that the current project is as described in the CEQA document from 2010 which clearly pronounced that it should be between 240 and 350 tons per day. She stated that the current staff report indicates that they will be processing 1,000 tons per day which would create further

impacts over two decades and does not address the necessary environmental mitigations. Ms. Stein stated that this facility would be the largest indoor composting facility in California and will be located in a “Care Community” (areas with multiple environmental impacts, e.g. airport, Transfer Station, etc.) as defined by the Bay Area Air Quality Management District, and creates significant public health issues. Ms. Stein urged the Board to not support this project at this time in order to provide further review and documentation regarding the environmental effects of the proposed changes to the project.

Arthur Boone provided public comment. Mr. Boone stated that the language was confusing with respect to the proposed project and considers it a violation of CEQA. Mr. Boone added that he thinks he has the facts to proceed with legal action if the Board approves the CoIWMP amendment. He also considers the idea of sorting garbage, running it on a conveyor belt and pulling out recyclables and organics contrary to the original purpose of Measure D. He further stated that the City of Oakland is unique in charging people in multi-unit buildings for garbage service based on the number of units in the building. He urged the Board to not support this project.

Peter Slote provided public comment. Mr. Slote stated that the construction and operation of the Davis Street OMRF is responsive to and required by the franchise agreement between the City of Oakland and Waste Management, Inc. The agreement requires Waste Management to process post source separated material prior to landfill placement. Oakland’s intention is to virtually eliminate organic material going into the landfill. All single-family and multi-family are provided with weekly organic, recycling and trash services and everyone has source separation services. The City has a two stream contract unlike a three stream contract in that it requires Waste Management to meet its diversion goals primarily by getting the organics out of the waste stream. Mr. Slote added in 2015, the Oakland City Council adopted a municipal code section that requires multi-family property owners to ensure source separation services for all residents. This project is a pre landfill disposal stabilization and elimination of organics going into the landfill. Mr. Slote stated that there is no conceivable way that the City of Oakland or Waste Management can meet its goals relying solely on mixed materials processing.

Rebecca Jewell provided public comment. Ms. Jewell stated that as a past employee of Waste Management she was present during the CEQA analysis for the current project. This is the second process and the public was aware of both processes and Waste Management and Davis Street Transfer station has a pristine record when working with the public and neighboring communities. Ms. Jewell stated that she attended the meetings during the process and would have been aware of public concerns regarding odors, dust, and traffic. Ms. Jewell stated that this project will assist in reaching diversion goals as public compliance with material separation is minimal.

Wafaa Aborashed provided public comment. Ms. Aborashed stated that some of the residents in District 6 in San Leandro are unaware of the project and those that are aware are not pleased with the proposed project. She stated concerns regarding increased truck traffic, odors and other pollutants. Ms. Aborashed urged the Board to not support the proposed project.

Shawn Tackitt, Waste Management, stated that he has not thoroughly reviewed the letter from Greenfire Law, Inc. since he first saw it at the start of the meeting, but can assure the Board that nothing that has been presented is inconsistent with the project in the Negative Declaration and the Master Plan. Mr. Tackitt added that Davis Street is currently permitted to receive 5,600 tons per day but they are actually receiving less. There will be no increase in truck traffic as the project proposes a decrease in truck traffic. Mr. Tackitt stated that there appears to be a misunderstanding and he met with Ms. Stein two times for over an hour and he has answered questions from Ms. Aborashed as well. Mr. Tackitt added the Negative Declaration allows for composting up to 1,000 tons per day and for processing up to 1,300 tons per day through the Organics Materials Recovery Facility. Some of the materials flows are subsets of the total tonnage to be delivered to the OMRF. The project is being done in phases. There is only one building being constructed by attaching other buildings to become one unit.

## DRAFT

There were no other public speakers and Vice President Hannon closed the public hearing.

Board member Biddle made the motion to waive the requirement to read the full text of the Ordinance, read by title only, and adopt Ordinance 2017-02. Board member Rood seconded and the motion carried 19-0.

(Ayes: Arreguin, Bacon, Biddle, Carling, Carson, Cox, -Guillen, Hannon, , Lamnin, Maass, Martinez, Narum, Oddie, Rood, Sadoff, Young. Nays: None. Abstain: None. Absent: Ellis).

Board member Oddie stated that this is the second reading of this item for the WMA Board and on February 9, 2017 the Recycling Board had a lengthy discussion about the item as well. The item has been thoroughly discussed and debated. Vice President Hannon added the City of San Leandro has held numerous public hearings and discussions on this item and the community has been provided ample opportunities to comment on the item.

**3. Interim appointment(s) to the Recycling Board for WMA appointee unable to attend future Board Meeting(s) (Wendy Sommer) Action**

(The April 13, 2017 P&O and Recycling Board meeting is cancelled in lieu of a joint meeting of the WMA Board, Energy Council, and Recycling Board on April 26, 2017 at 3:00 p.m. at StopWaste offices, 1537 Webster St., Oakland, CA)

Ms. Sommer reminded the Board that the April 13, 2017 P&O and Recycling Board meeting is cancelled in lieu of a joint meeting of the WMA Board, Energy Council, and Recycling Board on April 26, 2017. The primary agenda item will be discussion of the FY 18/19 budget.

**VII. COMMUNICATION/MEMBER COMMENTS**

**Information**

There were none.

**VIII. 2017 STOPWASTE BUSINESS EFFICIENCY AWARDS**

The Board recessed for a five minute break at 3:40 p.m. and immediately thereafter commenced the 2017 StopWaste Business Efficiency Awards.

**VIII. ADJOURNMENT**

The meeting was adjourned at 4:15 p.m.

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**MINUTES OF THE REGULAR MEETING OF THE  
PLANNING AND ORGANIZATION COMMITTEE  
AND  
ALAMEDA COUNTY RECYCLING BOARD**

**Thursday, March 9, 2017**

**4:00 P.M.**

**StopWaste Offices  
1537 Webster Street  
Oakland, CA 94612  
510-891-6500**

**I. CALL TO ORDER**

Dianne Martinez, President, called the meeting to order at 4:00 p.m.

**II. ROLL CALL**

Adan Alonzo, Recycling Programs

Bernie Camara, Recycling Materials Processing Industry

Jerry Pentin, City of Pleasanton

Peter Maass, City of Albany

Dianne Martinez, City of Emeryville

John Moore, Environmental Organization

Jim Oddie, City of Alameda

Michael Peltz, Solid Waste Industry Representative

Tim Rood, City of Piedmont

Matthew Southworth interim appointment for Steve Sherman, Source Reduction Specialist

**Absent:**

Toni Stein, Environmental Educator

**Staff Present:**

Wendy Sommer, Executive Director

Pat Cabrera, Administrative Services Director

Todd High, Finance Services Manager

Meghan Starkey, Senior Program Manager

Farand Kan, Deputy County Counsel

Arliss Dunn, Clerk of the Board

**Others Present:**

Claire Griffing, City of Albany

Heidi Obermeit, City of Berkeley

Rebecca Parnes, City of Dublin

Roberto Muñoz, City of Union City

Jennifer Cutter, City of Union City

Arthur Boone, NCRA

### III. ANNOUNCEMENTS BY THE PRESIDENT

Wendy Sommer announced that Matthew Southworth was attending the meeting as an interim appointment for Board member Steve Sherman. Meri Soll announced that Board members should have received an email from Arliss Dunn announcing that funding for grants to non-profits is now available. The deadline for applications is April 10, 2017. This funding is for our reuse and competitive grants and is our largest pot of funding available for the non-profit community. President Martinez announced that immediately following the meeting some Board members and staff will be attending the East Bay EDA Innovation Awards at the Fox Theatre.

### IV. CONSENT CALENDAR

- |           |   |                    |
|-----------|---|--------------------|
| <b>1.</b> | <b>Approval of the Draft Minutes of February 9, 2017 (Wendy Sommer)</b> | <b>Action</b>      |
| <b>2.</b> | <b>Board Attendance Record (Tom Padia)</b>                              | <b>Information</b> |
| <b>3.</b> | <b>Written Report of Ex Parte Communications (Wendy Sommer)</b>         | <b>Information</b> |

Board member Pentin made the motion to approve the Consent Calendar. Board member Maass seconded and the motion carried 9-0 (Ayes: Alonzo, Biddle, Camara, Maass, Martinez, Peltz, Pentin, Rood, Southworth. Nays: None. Abstain: None. Absent: Oddie, Stein)

### V. OPEN PUBLIC DISCUSSION

Arthur Boone provided public comment and stated that anaerobic digestion projects are not well documented and there is uncertainty regarding the amount of carbon released. He also spoke against the planned OMRF at the Davis Street Transfer station. Mr. Boone distributed a copy of a report from GAIA (Global Alliance for Incinerator Alliances) entitled "Waste Gasification & Pyrolysis: High Risk, Low Yield Processes for Waste Management."

### VI. REGULAR CALENDAR

- |           |   |               |
|-----------|---|---------------|
| <b>1.</b> | <b>Fiscal Year 2015-2016 Audit Report (Todd High)</b>   | <b>Action</b> |
|           | <ol style="list-style-type: none"> <li>1. Staff recommends that the Programs and Administration Committee review and forward the FY 15/16 audit report to the Waste Management Authority for acceptance and filing.</li> <li>2. Staff recommends that the Recycling Board accept and file the FY 15/16 audit report.</li> </ol> |               |

Pat Cabrera introduced Todd High, new Finance Services Manager. Mr. High provided an overview of the staff report. A link to the report is available here: [FY-2015-2016-Audit-Report-03-09-17.pdf](https://www.ci.fremont.ca.us/DocumentCenter/View/11111/FY-2015-2016-Audit-Report-03-09-17.pdf)

Mr. High stated that the audit was performed for the three entities; the Waste Management Authority Board, the Recycling Board, and the Energy Council. The fund balance for FY 15/16 ended at \$50.1 million. This is a \$3.3 million increase from June 30, 2015. The fund balance for FY 15/16 includes a \$600,000 pension contribution. The agency's financial position is excellent. The agency received a clean unmodified audit with no internal control deficiencies, and the agency was in compliance with all GASB requirements.

There was no public comment on this item. Board member Pentin made the motion to accept and file the FY 15/16 audit report. Board member Rood seconded and the motion carried 9-0 (Ayes: Alonzo, Camara, Maass, Martinez, Moore, Peltz, Pentin, Rood, Southworth. Nays: None. Abstain: None. Absent: Oddie, Stein).

**2. Updated Multi Year Fiscal Forecast (Pat Cabrera)**

**Information**

This item is for information only.

Pat Cabrera provided an overview of the staff report and presented a brief PowerPoint presentation. The link to the report and presentation is available here: [Updated-Fiscal-Forecast-03-09-17.pdf](#)

Board member Pentin stated that the financial forecast is stronger than the prior year and a half. Ms. Sommer stated the forecast is more realistic than years prior. Board member Maass inquired about the purpose of the 21,000 tons of salt disposal from Cargill in Newark. Ms. Cabrera stated that we are contacting Newark staff to find out more about the salt disposal. Board member Pentin stated that he learned as a member of the Altamont Committee that the salt disposal will be a three year project.

There were no comments from the public. President Martinez thanked staff for the presentation.

**3. Municipal Panel: Commercial Organics (Meghan Starkey)**

**Information**

This item is for information only.

Meghan Starkey, Senior Program Manager, provided an overview of the staff report and introduced the panelists: Claire Griffing, City of Albany, Heidi Obermeit, City of Berkeley, Rebecca Parnes, City of Dublin, Roberto Muñoz, City of Union City, and Jennifer Cutter, City of Union City. The panelists shared their experience and insights on the opportunities and challenges of diverting commercial organics in their jurisdictions.

A link to the staff report is available here:

[Municipal-Panel-memo-03-09-17.pdf](#)

An audio link to the presentation and discussion is available here:

[Municipal-Presentation-03-09-17](#)

President Martinez thanked Ms. Starkey and the panelists for their presentation.

**VII. OTHER PUBLIC INPUT**

There was none.

**VIII. COMMUNICATIONS/MEMBER COMMENTS**

There were none.

**IX. ADJOURNMENT**

The meeting adjourned at 5:10 p.m.

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## **MEETING NOTES**

### **Energy Council TECHNICAL ADVISORY GROUP (TAG)**

Tuesday, April 18, 2017 – 1:00 pm to 3:00 pm

#### **Attendance:**

County of Alameda: Ryan Bell

City of Albany: Claire Griffing

City of Berkeley: Billi Romain, Caytie Campbell-Orrrock

City of Dublin: Rebecca Parnes

City of Emeryville: Nancy Humphrey

City of Fremont: Rachel DiFranco (phone)

City of Hayward: Mary Thomas

City of Newark: Myvan Khuu-Seeman (phone)

City of Oakland: Shayna Hirshfield-Gold

City of San Leandro: Sally Barros (phone)

City of Union City: Kranti Malik (Civic Spark)

StopWaste: Heather Larson, Karen Kho, Miya Kitahara, Candis Mary-Dauphin, Teresa Eade

Guests: Pierre Delforge (NRDC), Meg Williams (Green Cities California)

Civic Spark: Fanny Yang, Christopher Sturken, Benjamin Davenport, Olivia Ashmoore, Jacob Strauss, Kranti Malik, Yoni Carnice

## **Meeting Notes**

### **Fuel Switching in the Built Environment**

- Fuel switching is adopted as an Energy Council priority. EC staff is investigating programmatic and regulatory needs and opportunities. A specific activity in 2017 is to support and partner with Green Cities California to convene a Fuel Switching stakeholder meeting at the end of the year.
- Pierre DelForge with NRDC provides an overview of decarbonization initiatives to date.
  - The state cannot meet its climate goals with just efficiency, must also look at additional strategies.
  - The emissions due to natural gas are relatively higher in CA and even more so in the Bay Area – even though there is a perception that it is “clean”
  - In residential homes half of gas is used for water heating, and space heating uses 37%, the heat pump technologies available for these uses include, heat pump water heater, heat pump space heating,
  - The value of heat pumps includes increased efficiency, GHG reduction and grid benefits due to storage inherent within technology

- The building code only looks at efficiency, not the GHG and grid benefits
- There are currently over 100 ENERGY STAR models on the market
- Solar thermal requires a backup heater in the winter. Due to this requirement, it is roughly the same amount of emissions as heat pump, but heat pump with solar PV is significantly less expensive

Heat pump technology needs about a \$1500 rebate to make it cost competitive  
Barriers faced include awareness, the perception that natural gas is clean, the availability of the technology, costs, regulatory barriers

Need to get to 5% market penetration, which is where there is contractor awareness, manufactures attention, and retailers start to stock the technology. We can get to 5% by:

- Raising awareness among contractors, governments, and the general public
- Removing regulatory barriers around building codes, incentives, rates
- Transforming the market

Intervention points for these strategies:

- Individuals – modeling through behavior and talking about it
- City involvement through ordinances, codes, training, outreach, financing, & influencing rates (at CCAs & municipal utilities)
- Air District incentives and regulations
- State level building code, CPUC (cost test), legislation, & ARB scoping plan

Incentives:

- Municipal utilities are not constrained, but the three-pronged test must be used for CCAs and IOUs
- Solar water heating incentive is expiring this year, Pierre would like to see incentive neutrality between solar hot water and heat pumps
- SMUD and Palo Alto both have \$1500 incentive for heat pumps

DOE appliance efficiency standards mandated that water heaters with 55 gallon and larger tank be heat pumps.

- Billi Romain with the City of Berkeley presents 2017 heat pump education and outreach plan

Workshop on Tuesday May 23<sup>rd</sup> in Berkeley. Geared to installers and building safety. Pacific energy center will also hold workshops in June one on water heating, and one on space heating.

After educating the contractors and installers, realtors may hold a workshop, and a few nonprofits are interested in hosting a more public-facing workshop in the fall

- Green Cities California Partnership: Sept 2017 convening *“Advancing Building Decarbonization through Renewable Heating and Cooling (RH&C) Systems”*

Will hold a convening, and work on addressing state barriers with building code, cost effectiveness requirements and prohibitions on fuel switching

Will look at ways to get to 5 % - and identify market sectors to target  
StopWaste awarded GCC 10k grant for designing the convening

### **Utility User Tax Reform**

- Claire Griffing, City of Albany presented a proposal for funding climate action plan with utility user tax
  - The restructured utility tax would reflect greenhouse pollution and,
    - Keep electricity tax the same
    - Increase natural gas tax based on GHG pollution
    - Reduce telephone tax to maintain neutrality
    - Include a CARE rate for low income
  - Goals of the tax are to align UUTs with climate goals and put a price on emissions
  - Complexities of the proposal include political feasibility, applying tax to variable electricity mix, PG&E billing system upgrade requirements & role of East Bay Community Energy

### **Sustainable Landscaping in Alameda County**

- Teresa Eade, StopWaste discusses Bay Friendly Landscape Program Project statistics and currently available grants

Sustainable Landscapes report – 64 projects on 268 acres have been completed. Some of these projects were sheet mulched – 36 projects covering 29 acres. 12,000 tons of mulch and compost were used. 133k tons of waste diverted from landfills, 3.7 k tons of CO<sub>2</sub>e prevented, 32 million gallons of water saved.

StopWaste sustainable landscape grants available for 15k, 10k, and 5k. Projects must have a landscape rater, and leave lawn in place

Bay-Friendly scorecard has been updated, and aligns with or exceeds new code. Bay Friendly is now administered by Re-Scape California. All new projects will have to use the new scorecard.

Scholarships report – 360 city staff have received Bay-Friendly training.

Training opportunities – city staff and designers can now rate their own projects. A training is coming up May 3<sup>rd</sup> & 4<sup>th</sup>. WELO training is coming up on June 15<sup>th</sup>. It is aimed at Landscape professionals and city staff. Lunch & Learns are also available upon request.

WELO checklist – now updated every 4 years. Talked to 14 member agencies on challenges. Received request for tools. Commonly requested tools were water budget calculator and model checklists.

State grant funding opportunities – Bay Area IRWMP - \$6.5 million for Prop 1 funds for disadvantaged communities on water issues outreach and another \$6.5 million is being awarded for implementation. Urban Greening grant solicitations due May 1 2017.

### **Program Updates**

- CPUC Energy Data Access Committee met on Thursday. Amy Reardon tasked to draft staff resolution. There will be a 30 day draft period, and 30 day comment period. If there are 4 users in a sector a jurisdiction can get full data, if there are 1-3 users, a city can combine sectors and get the data. 40 of jurisdictions in PG&E territory get all needed data, even if aggregated, it would be 47%. StopWaste will be reaching out for support letters in next 40-60 days.
- Local Government Challenge grant – StopWaste’s multifamily grant was awarded, San Leandro, MCE and San Diego were also awarded grants in the same category.

#### **Member Comments & Discussion**

- Civic spark – EBEW is waiting for PG&E response to commit to providing funding yet for the upcoming round. Also a concern about stability of AmeriCorps funding
- Fremont is bringing forward a proposed ordinance on mandatory solar on new residential construction
  - Berkeley interested in getting a presentation from Rachel on ordinance
- Michael McCormick from OBR to present to TAG at a later meeting
- The group is still interested in a SunShares debrief. Heather will try to schedule at the next SAC, since Contra Costa jurisdictions also participated

**NEXT TAG MEETING:** May 16, 2017 1-3pm



## 2017 - ALAMEDA COUNTY RECYCLING BOARD ATTENDANCE

	J	F	M	A	M	J	J	A	S	O	N	D
REGULAR MEMBERS												
A. Alonzo	X	X	X									
B. Camara	X	X	X									
P. Maass	X	X	X									
D. Martinez	X	X	X									
J. Moore	X	X	X									
J. Oddie	X	X	X									
M. Peltz	X	X	X									
J. Pentin	X	I	X									
T. Rood	X	X	X									
S. Sherman	X	X	I									
T. Stein	X	X	A									
INTERIM APPOINTEES												
D. Biddle		X										
M. Southworth			X									

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:** April 26, 2017  
**TO:** Recycling Board  
**FROM:** Tom Padia, Deputy Executive Director  
**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:** April 26, 2017

**TO:** Waste Management Authority and Recycling Board

**FROM:** Wendy Sommer, Executive Director

**SUBJECT:** Grants Issued Under Executive Director Signature Authority

---

**SUMMARY**

The purchasing and grant policies were amended to simplify paperwork and Board agendas by giving the Executive Director authority to sign contracts and grant agreements less than \$50,000. A condition of the grant policy is that staff informs the Board of recently issued grants.

**Grants – March 15, 2017 – April 15, 2017**

PROJECT NAME	GRANT RECIPIENT	PROJECT TYPE/DESCRIPTION	LOCATION	VERIFICATION	GRANT AMOUNT	BOARD
Lawn Conversion mini-grant	Memorial Tabernacle Church	The church will be using grant funds to educate and engage their members and neighbors to convert an existing front lawn to a Bay-Friendly garden and recharge their back garden into an edible garden and gathering space, including a compost bin and rainwater collection system. A public lawn to garden party will take place on May 6.	Oakland	The funds will be used to purchase plants, pathway material, trellis, rain barrel and other garden related expenses.	\$5,000	RB

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**Date:** April 26, 2017

**To:** Alameda County Waste Management Authority Board (WMA)  
Alameda County Source Reduction and Recycling Board (RB)  
The Energy Council (EC)

**From:** Wendy Sommer, Executive Director  
Pat Cabrera, Administrative Services Director

**Subject:** Draft FY 2017/18 Budget

---

### **SUMMARY**

This memo transmits the draft FY2017/18 Agency Budget, which includes appropriations by the WMA, RB, and EC totaling approximately \$30.7 million. The Agency's core budget is approximately \$11 million, \$400,000 less than FY16/17. Estimated total year-end core fund balances and reserves amount to \$21.2 million. A budget presentation will be made by staff at the joint meeting on April 26, 2017. Consideration of action on the WMA and EC parts of the budget is scheduled for May 24, and consideration of action on the RB part of the budget is scheduled for June 8.

### **RECOMMENDATION**

This item is for information only.

Attachment: Draft Annual Budget – Fiscal Year 2017-18

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# STOPWASTE



## DRAFT ANNUAL BUDGET

Fiscal Year 2017-18



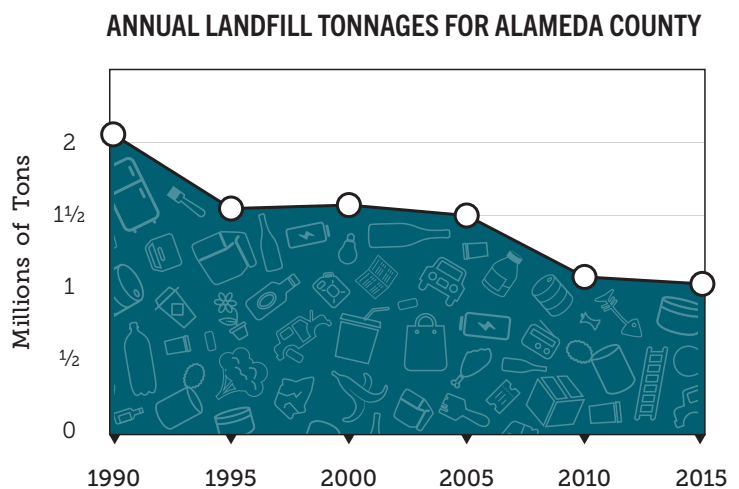
## **ABOUT THE AGENCY**

StopWaste helps Alameda County's businesses, residents and schools waste less, recycle more and use water, energy and other resources efficiently. We're a public agency governed by the Alameda County Waste Management Authority, the Alameda County Source Reduction and Recycling Board, and the Energy Council.

Since 1976, we've been helping Alameda County residents, businesses, schools and public agencies increase recycling, reduce waste, and conserve resources. With local partners, we helped launch the green building movement in California and organized one of the first and largest food scrap collection programs in the country.

Since 1990 we've helped cut the amount of garbage going to landfill in half in Alameda County, even with a population increase of 25 percent.

Our work helps people make better decisions everyday about the products they buy, the resources they use, and what they throw away.



## **2016 AWARDS**

- 2016 Governor's Environmental and Economic Leadership (GEELA) Award for the Schools Education Program
- 2016 California Resource Recovery Association Next Generation Recycler Award for the 4Rs Student Action elementary classroom program
- 2016 Construction Demolition Recycling Association President's Award in appreciation for long time support of legitimate C&D recycling

## BOARD MEMBER ROSTER

### WASTE MANAGEMENT AUTHORITY (ACWMA)

County of Alameda . . . . .	Keith Carson
City of Alameda . . . . .	Jim Oddie
City of Albany . . . . .	Peter Maass
City of Berkeley . . . . .	Jesse Arreguin
Castro Valley Sanitary District . . . . .	Dave Sadoff, Second Vice President
City of Dublin . . . . .	Don Biddle
City of Emeryville . . . . .	Dianne Martinez
City of Fremont . . . . .	Vinnie Bacon
City of Hayward . . . . .	Sara Lamnin
City of Livermore . . . . .	Bob Carling
City of Newark . . . . .	Michael Hannon, First Vice President
City of Oakland . . . . .	Dan Kalb, President
Oro Loma Sanitary District . . . . .	Shelia Young
City of Piedmont . . . . .	Tim Rood
City of Pleasanton . . . . .	Jerry Pentin
City of San Leandro . . . . .	Deborah Cox
City of Union City . . . . .	Lorrin Ellis

### SOURCE REDUCTION AND RECYCLING BOARD

Environmental Organization . . . . .	John Moore
Environmental Educator . . . . .	Toni Stein
Recycling Materials Processing Industry . . . . .	Bernie Larrabe
Recycling Programs . . . . .	Adan Alonzo
Solid Waste Industry Representative . . . . .	Michael Peltz
Source Reduction Specialist . . . . .	Steve Sherman, First Vice President
ACWMA . . . . .	Peter Maass
ACWMA . . . . .	Dianne Martinez, President
ACWMA . . . . .	Jim Oddie
ACWMA . . . . .	Jerry Pentin, Second Vice President
ACWMA . . . . .	Tim Rood

### ENERGY COUNCIL

County of Alameda . . . . .	Keith Carson
City of Alameda . . . . .	Jim Oddie, Second Vice President
City of Albany . . . . .	Peter Maass
City of Berkeley . . . . .	Jesse Arreguin
City of Dublin . . . . .	Don Biddle
City of Emeryville . . . . .	Dianne Martinez, First Vice President
City of Fremont . . . . .	Vinnie Bacon
City of Hayward . . . . .	Sara Lamnin
City of Livermore . . . . .	Bob Carling
City of Newark . . . . .	Michael Hannon
City of Oakland . . . . .	Dan Kalb
City of Piedmont . . . . .	Tim Rood
City of Pleasanton . . . . .	Jerry Pentin
City of San Leandro . . . . .	Deborah Cox
City of Union City . . . . .	Lorrin Ellis, President

# **TRANSMITTAL LETTER**

Board Members & Constituents:

This budget outlines the work we will do in the coming year to help make Alameda County a more sustainable place to live, where residents and businesses make thoughtful purchasing decisions, dispose of waste properly, and our communities build up their resiliency to climate change. This document reflects an integrated budget for our three governing boards, including detailed information on where our funding comes from and how we plan to spend it.

At StopWaste, we provide quality programs while remaining fiscally accountable. To achieve our goal of matching core expenditures with core revenues without increasing fees, we have to budget at least \$400,000 less each year by refining our programs to align with a clear set of priorities. Towards this end, we completed a priority setting process in fall 2016 with our Board members and stakeholders. The result was adoption of guiding principles by the Waste Management Authority Board to inform programmatic focus areas for the next two years. Guiding principles coming from this process are reflected in this budget, including a strengthening of our commitment to preventing food and organic waste, and a greater emphasis on “upstream” projects that focus more on the “reduce” and “reuse” areas of the waste reduction hierarchy, while continuing our commitment to implement the Mandatory Recycling Ordinance.

This year we are adding some complementary goals, outlined in the Program Overview section, to support our “less than 10% good stuff in landfill” long-term aspirational goal. We continually develop and implement programs that have meaningful impact on our communities. This year we are strengthening our community and schools based outreach efforts and adding a measurement project to ensure ongoing analysis of programmatic effectiveness. We are also discontinuing some legacy projects that are no longer relevant.

With staff’s creativity, dedication and exceptional work we are able to meet the core budget goal of \$11 million, which reflects a \$400,000 reduction from last year’s budget. The Energy Council continues to be successful in securing close to \$7 million in external funds that help diversify our budget. This proposed budget also includes core fund balances and reserves that total \$21.2 million, far exceeding the minimum two month operating budget commonly required.

This budget is intended to help you understand our priorities, revenue sources and expected spending. As a public agency, we take our accountability and fiscal responsibility seriously. We also honor our tradition of innovation at StopWaste, and look forward to making a tangible impact to the communities we serve.

A handwritten signature in black ink that reads "Wendy Sommer". The signature is fluid and cursive, with the first name "Wendy" and last name "Sommer" clearly distinguishable.

Wendy Sommer, Executive Director





## **ACKNOWLEDGEMENTS - FY 17/18 INTEGRATED BUDGET**

### **SUBMITTED BY:**

Wendy Sommer, Executive Director

Pat Cabrera, Administrative Services Director

### **FINANCIAL INFORMATION PREPARED BY:**

Todd High, Financial Services Manager

Nisha Patel, Accountant

Anette Henderson, Senior Administrative Assistant

### **DOCUMENT PREPARED BY:**

Jeff Becerra, Communications Manager

Chris Ross, Developer/Graphic Designer

Meghan Starkey, Senior Program Manager

This proposed budget reflects the hard work of every team member, and they all deserve recognition and gratitude for their efforts. Special thanks to Karen Kho and Justin Lehrer for their initiative and development of an improved budget framework and process.

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# I. PROGRAM OVERVIEW



# I. PROGRAM OVERVIEW

## **PRIORITY SETTING: GUIDING PRINCIPLES AND NEW GOALS**

Our budget and work plans each year are primarily guided by the agency's Strategic Plan 2020, adopted in 2010. Constraining resources and our commitment to achieving long-term financial stability have led us to set priorities within the comprehensive plan, and focus our efforts where we can achieve the greatest results in support of our mission, stakeholders, and member agencies. In order to shift towards a more fluid, adaptive approach to strategic planning, we plan to reassess our progress and priorities every two years going forward.

The guiding principles below were developed in response to Board and stakeholder input gathered during the priority setting public process, and are being used for strategy and budget development this fiscal year and next. The Energy Council previously went through a separate process and adopted a set of priorities for 2016-2018.

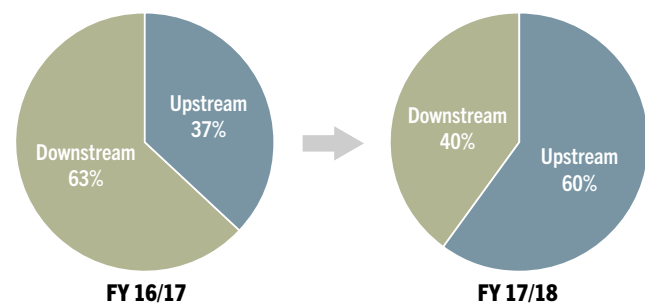
### **GUIDING PRINCIPLES**

- Emphasize waste prevention over management of discards in non-mandatory projects.
- Explore innovative and experimental approaches that may be leveraged by member agencies.
- Emphasize project implementation and collect data only as needed to make informed decisions.
- Pursue projects with multiple sustainability benefits (greenhouse gas reduction, water conservation), only when linked with materials and waste management.
- Organics, as the largest remaining portion of the waste stream to landfill, will continue to be an emphasis for the next two years.
- Develop programs that directly reach out to target audiences and communities; coordinate with member agencies.
- Only implement ordinances that are currently in place (bags and mandatory recycling, plant debris), without introducing new mandatory programs in the coming two-year period.
- Coordinate and collaborate with local public agencies to avoid duplication of effort.
- Ensure the flexibility to add new projects and cut back on existing projects when appropriate.


Our programmatic focus is shifting upstream as we increasingly emphasize projects that target “reduce” and “reuse” in the waste reduction hierarchy. A significant driver for this shift in FY17/18 is the development of new outreach and education programs focused on reducing consumer food waste.

In addition to the guiding principles, we’re adding interim goals that provide more specificity and help measure progress on the path toward the strategic plan aspirational goal of “less than 10 percent good stuff in the garbage by 2020.” These interim goals include discrete milestones for the organics, packaging, and built-environment focus areas that address discards management as well as upstream indicators, such as reduction in waste generation via prevention or reuse, and consumer awareness related to our current priorities. In the coming year we will consider additional interim goals that target materials optimization. Upstream goals can be more challenging to quantify but are important to help measure progress towards rethinking and redesigning products and materials that are problematic for our local waste and recycling systems.

**FIGURE 1: COMPARISON OF PROGRAMS BY HIERARCHY**

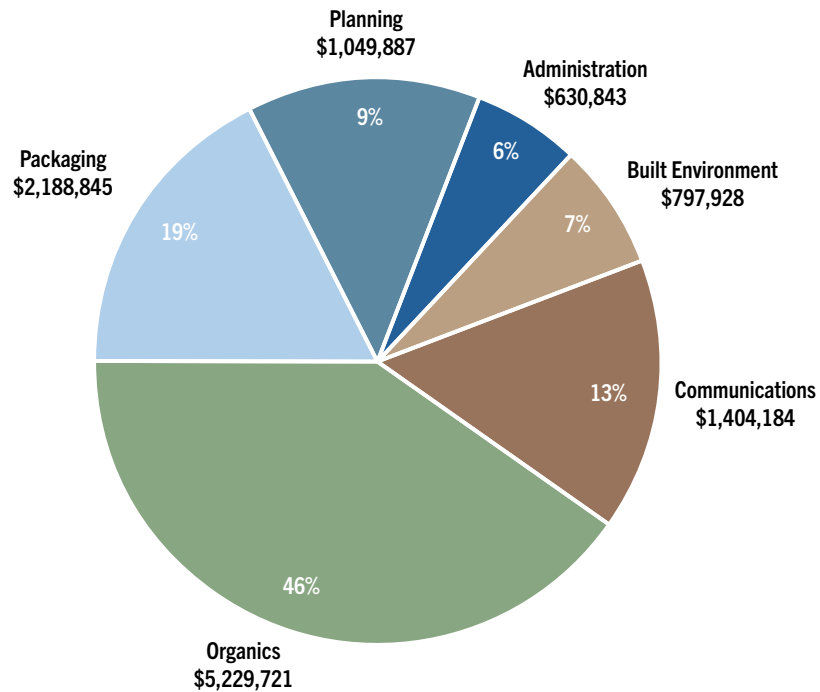


**FIGURE 2: AGENCY GOALS BY 2018**

		Organics	Packaging	Built Environment
UPSTREAM  DOWNSTREAM	Increase in materials optimization	Additional upstream goals in development during 2017/18		
	Increase in awareness	10% increase of families reducing food waste at home	N/A	N/A
	Reduction in waste generation	10% food recovery by food service and grocers	50% reduction in all single-use bags distributed by newly affected stores	< 45% waste generated by construction and demolition projects in landfill
	Increase in proper sorting	< 20% organics in landfill	< 5% recyclables in landfill	

Our budget was developed around six topic areas, with highlights of activities listed below. The project charters (Section IV) provide details for each project, including prior year accomplishments, objectives and targets for FY17/18, and project budgets.

**FIGURE 3: BUDGET BY TOPIC AREA**



## **ORGANICS**

Organics is an area of increased emphasis given the high concentration of organics in the waste stream. Discretionary (or non-mandatory) projects under this priority are broken out into two areas: food waste, and compost and mulch.

## **FOOD WASTE**

- Develop a countywide consumer media and outreach campaign to increase awareness and use of food waste reduction strategies, leveraging regional and national efforts to change social norms.
- Support food waste prevention and recovery in commercial and institutional food service operations through food waste tracking technology, prevention tools and training, and recovery of surplus food for donation. Work with school districts to implement districtwide food share and food donation programs to recover and redistribute K-12 edible surplus food.
- Provide grants for food waste prevention and recovery projects.
- Provide technical assistance to multi-family and commercial accounts to help them divert compostable organics and comply with the Mandatory Recycling Ordinance.

## COMPOST AND MULCH

- Provide education and outreach, resources, incentives, and technical assistance for compost and mulch use to landscape professionals, member agency staff, schools, and home gardeners.
- Support and expand the partnership with compost and mulch producers and associated vendors to leverage available market opportunities and address industry challenges.
- Continue the review and support of codes and standards that promote or fund the production of quality compost and mulch.
- Support landscape professionals and member agency staff implementation of the Water Efficient Landscape Ordinance (WELO), including the new compost and mulch requirements via trainings, resources, and technical assistance.
- Develop and implement a carbon farming plan for Agency property to demonstrate the benefits of compost application on rangeland, including carbon sequestration and increased water holding capacity.

## PACKAGING

This topic area includes the Reusable Bag Ordinance and several activities targeting prevention and reuse of packaging, as well as a portion of the Competitive Grants and Mandatory Recycling Ordinance projects. Both the Reusable Bag Ordinance and general Packaging projects focus upstream, offering education and assistance to organizations for their efforts to prevent, reuse, and improve the recyclability of packaging materials manufactured, sold, and discarded in Alameda County. The Reusable Bag Ordinance is expanding to include all retail stores and restaurants in the county. Some key activities include the following:

- Implement expanded Reusable Bag Ordinance, providing outreach and education to 14,000 affected retail businesses and restaurants.
- Provide technical assistance to businesses to help them divert recyclable packaging and comply with the Mandatory Recycling Ordinance.
- Promote and incentivize reusable packaging as a preferable alternative to single-use disposables for both food service ware and commercial transport packaging.
- Research and identify opportunities to leverage packaging to prevent food waste.
- Provide technical assistance to consumer brand owners on life-cycle analysis for packaging, labeling for recyclability, and other sustainable packaging strategies.

## **BUILT ENVIRONMENT**

This priority area addresses the impacts of materials management by influencing the design, construction, and maintenance of the built environment. This includes green building, sustainable landscaping, recycled product purchasing, climate action planning, and Energy Council activities. The majority of activities in the Built Environment priority area are funded by external grants and contracts. Core-funded Agency activities are shifting away from a retail focus towards upstream standard-setting and market development opportunities.

- Provide technical and policy assistance to member agencies that support local climate action planning and adaptation activities.
- Continue to monitor codes and standards and support policy changes that result in better optimization of materials and resources throughout the built environment.
- Develop partnership with Ellen MacArthur Foundation and highlight local case studies of circular economy practices in the built environment.
- Provide technical assistance and incentives to mixed construction and demolition debris recycling facilities to become third party certified.
- Train member agency staff in sustainable landscaping practices and provide technical assistance and grants for Bay-Friendly Rated Landscapes.
- Continue existing energy efficiency programs and pursue new funding opportunities and pilot projects in overcoming barriers to fuel switching and developing community-scale grid solutions, consistent with the Energy Council priority program areas for 2016-18.

## **COMMUNICATIONS**

This work area provides general oversight, coordination and technical assistance to the Agency in public relations, advertising, customer research and communications. It includes broad audience resources such as websites, social media, customer service and the RecycleWhere online search tool. Communications supports the wide variety of outreach-based project work we do, as well as providing direct services through schools and community outreach.

- Provide school-based education services in the classroom and transfer station tours for students to garner hands-on understanding of waste reduction practices and challenges in the county.
- Partner with nonprofit organizations on local waste reduction activities at the grassroots level, and provide in-person education to residents via presentations and public events.
- Produce quarterly electronic newsletters to keep stakeholders up to date on key Agency activities.

- Recognize outstanding businesses for significant achievement in waste reduction.
- Educate residents, businesses and schools with easy to understand waste reduction information via website, telephone hotline, and RecycleWhere online search tool.

## **ADMINISTRATION**

Administration includes functions that help the Agency run smoothly such as Human Resources, Information Technology and Finance. Additional administrative functions include:

- Provide member agency support and information activities through disposal tracking and reporting.
- Oversee the Authority owned parcels in the Altamont Hills, including managing and negotiating leases, licenses and wind power agreements.
- Continue enforcement of facility fee collection.
- Administer Memoranda of Understanding for the Household Hazardous Waste facilities.

## **PLANNING**

This area includes general planning assistance to the Agency, including strategic planning and priority setting, as well as providing input and assistance on environmental planning efforts and developing projections for the Alameda County waste stream to guide fiscal planning. This area also includes legislative tracking, analysis and advocacy.

- Review and update Agency strategic priorities biannually and strategic plans as needed.
- Research issues and analyze/comment on solid-waste related planning documents; respond to waste-related Environmental Impact reports (EIRs).
- Consider and make recommendations on amendments to the Countywide Integrated Waste Management Plan (CoIWMP).
- Complete a waste characterization study that will examine solid waste disposal in the county, including an understanding of generators and their behaviors. Results will be used to evaluate progress towards Agency goals, guide programmatic efforts and, to the extent possible, measure the effect of programs.
- Represent Agency priorities at the state level via legislative and regulatory processes. Monitor and analyze legislation with an emphasis on actions that amend the California Integrated Waste Management Act, Extended Producer Responsibility, organics and other legislation affecting priorities.



## **NEW AND DISCONTINUED PROJECTS**

In line with the guiding principles adopted by the Board, staff is proposing three new projects, while others will be discontinued or their activities and budgets refined and reallocated.

### **NEW PROJECTS**

- **Community Based Outreach (3570)** - Builds community support for Agency priorities through events, grants and relationships with community based organizations. Incorporates some aspects of the Ready, Set, Recycle (2050) project (grants and community event participation), while adding consistent best practices training.
- **Schools Based Community Outreach (3580)** - Coordinates schools based program education including tours, classroom and school services, technical support, and school-based community outreach. Absorbs and refines the activities from several projects. School based activities previously undertaken in Food Waste Reduction (1120) Compost and Mulch (1260), Ready Set Recycle (2050) and Transfer Station Tours (2020) will now be housed in this project.
- **Measurement and Analysis (3480)** - Provides ongoing analysis of programmatic effectiveness. Some field sampling (at a reduced level) previously found in Benchmark Data and Analysis (2080) is budgeted to continue, although the main emphasis this year will be on developing indicators in support of evaluating effectiveness of our programs.

### **DISCONTINUED PROJECTS**

- **Ready, Set, Recycle (2050)** - Consistent with the Board-adopted guiding principles, the activities falling under this project are transitioning in emphasis from food scrap composting to food waste reduction. The Food Waste Reduction Project (1220) will incorporate general advertising and promotion of food scrap recycling going forward.
- **Residential Organics Recovery Pilot (3420)** - This project has concluded the test pilot of “less than weekly” service in Castro Valley, as well as the short-term pilot projects in Fremont testing a variety of food scrap composting interventions. Results from both will be used to inform future initiatives.
- **BayROC (1030)** - The activities of this regional collaboration are being addressed through our Food Waste Reduction project.
- **Standards Development (3470)** - The participation in the development of statewide technical codes, standards and rating systems, as well as advocacy for Agency priority areas in external networks, will be consolidated with Legislation (3530).

- **Benchmark Service (2080)** - The Waste Management Authority Board elected to eliminate this fee-for-service that focused on data collection and reporting. Elements of the data collection part of this project are being proposed to continue in this budget under Measurement and Analysis (3480) but funded from core revenue, rather than the Benchmark Service fee.
- **Regionalizing Bay Friendly (1140)** - This project has fulfilled its mission of bringing the benefits of Bay-Friendly Landscaping and Gardening to a regional level through the establishment of the nonprofit Bay-Friendly Coalition (now ReScape California). Sponsorship of ReScape California will continue.
- **Revolving Loan Fund (2030)** - The Loan Fund itself, with the function of providing low cost loans to increase waste reduction efforts in the county, has been demonstrated to be adequately met by private market options. The project will continue at a low level to handle existing loans.

In addition, the Agency is closing the \$2.9 million line of credit that it established in 2013. The funds were never used and there is no anticipated need for the Agency to borrow funds.

## II. FINANCIAL INFORMATION



## II. FINANCIAL INFORMATION

Agency expenditures for all projects in FY16/17 total \$30,783,059. This includes:

1. Core Budget: spending over which the Boards have significant discretion. Projects are funded by fees (see p. II-3).
2. Household Hazardous Waste (HHW) Program: implemented through Memoranda of Understanding with the County of Alameda and the City of Fremont.
3. Externally funded projects: funded by grants and contracts.
4. Projects partially funded by reserves.
5. Revolving Loan Fund (RLF) closed to new loans.
6. Energy Council.
7. Pass through projects: including mandated Measure D disbursements to member agencies, and the Recycling Board Recycled Product Purchase Preference Program.

In keeping with the financial targets set by the Boards, the core budget for FY17/18 is approximately \$11.0 million, which is \$400,000 less than the FY16/17 budget.

**TABLE 1: AGENCY BUDGET BY CATEGORY**

Category	Cost
Core Budget	\$11,014,412
HHW Program	\$6,521,206
Externally funded projects	\$1,471,783
Reserve funded projects	\$287,000
Revolving Loan Fund	\$13,030
Energy Council	\$6,603,542
Pass through projects	\$4,872,086
<b>Total</b>	<b>\$30,783,059</b>

“Core” consists of fee funded projects over which the Boards have significant discretion. We report both core spending and core revenues as a subset of this budget. Table 4 provides a list of projects included in the core (page II-7). The core excludes projects over which we do not have significant spending discretion: Measure D disbursements, the Recycling Board Recycled Product Purchase Preference Program (RPPP), about \$8.1 million of grant or other external funding that we expect to receive, and the countywide household hazardous waste (HHW) program.

Core revenues are estimated to total approximately \$10.0 million. This amount does not include repayments to the Revolving Loan Fund, revenues equal to the County Charter mandated Measure D disbursements to member agencies and the County Charter mandated Recycled Product Purchasing Program, revenues to support the countywide HHW program, and grant and other external revenues. Solid fiscal management practices align ongoing expenditures with ongoing revenue, which is the Agency's long-term objective. Based on revenue projections that we will update at least annually, we don't anticipate the need for a fee increase in the near future. Through very prudent spending these past years we have accumulated a large fund balance in addition to our reserves, which will provide a solid funding contingency as we work towards achieving our goals.

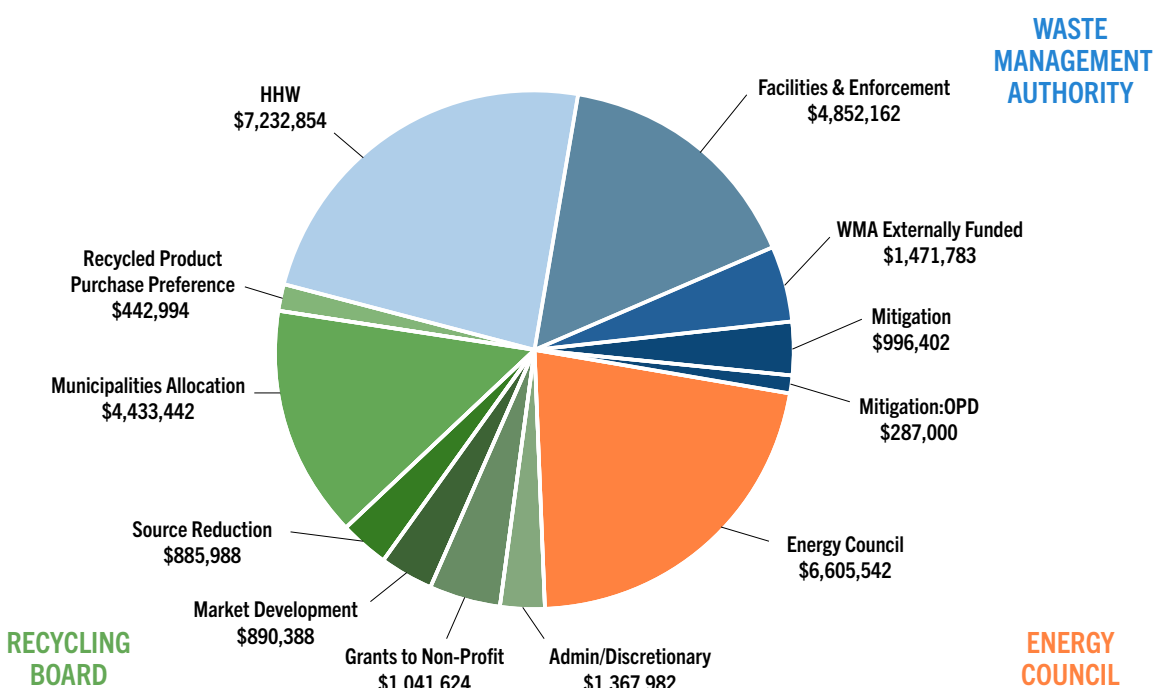
## **REVENUE**

### **REVENUE ESTIMATES**

Estimated revenue from all sources totals \$30,508,161. Revenues by source are shown in Figure 4.

The Agency continues to supplement declining core revenues by securing external funding, which is estimated to total \$8,077,325 in FY17/18. Of this amount, \$6,605,542 is Energy Council funding. The remaining \$1,471,738 of grants to the Authority or pass-through funds includes \$155,000 for the Used Oil Recycling campaign; \$60,000 from the Alameda County Clean Water Program to assist with the implementation of the reusable bag ordinance; \$956,783 of Prop 84 grant funding for Bay-Friendly Water Efficient Landscapes Round III (\$5,965,100); and \$300,000 for miscellaneous grants.

**FIGURE 4: REVENUE BY FUNDING SOURCE (INCLUDING TRANSFERS)**



The miscellaneous grants project is a “placeholder” appropriation which implements the grants policy allowing the Executive Director to accept grant awards and authorize corresponding expenditures of up to \$50,000 per grant. This appropriation is an upper-end estimate of what these smaller grants might total in the upcoming fiscal year. These sources of revenue are (or in the case of the miscellaneous grants will be) tied to specific spending. Although many are multiple year projects, they are not considered part of the core budget.

Not included in the budget at this time is the proposed payment from NextEra for the conservation easement at our property at the Altamont hills, which we estimate will total between \$1.45 - \$1.6 million. We anticipate receiving a payment by the end of summer. At that time we will either bring forward a budget amendment or incorporate the payment in the mid-year budget along with our recommendation to use it to pay a significant portion of the Agency’s unfunded pension liability, moving us closer to our target.

As presented at the multi-year fiscal forecast in March, tonnage based revenue estimates factor in a modest 1% decline in tonnages, based on recent disposal information and projections. As always, staff will continue to monitor disposal trends carefully and apprise the Board of any issues or concerns at mid-year or sooner if necessary.

## **FEES**

StopWaste levies various fees that help fund compliance with state and local waste reduction mandates. These fees (with the exception of the HHW fees) fund approximately 92% of the core budget for FY17/18 and are as follows:

- **Facility Fee** - \$4.34 per ton on all Alameda County solid waste landfilled within California. Funds countywide recycling, waste prevention and planning efforts.
- **HHW Fee** - \$2.15 per ton disposed. Levied, pursuant to AB 939, on wastes disposed in Alameda County and all wastes generated in Alameda County transferred through an in-county solid waste facility for out-of-county disposal. Additionally, in 2014 the Authority Board adopted a separate HHW annual fee (\$8.46 per residential property unit in FY17/18) paid via property taxes to fund program continuation and expansion.
- **Measure D Landfill Surcharge** - \$8.23 per ton is collected on waste disposed at the Vasco Road and Altamont Landfills. About 55% is allocated to participating Alameda County municipalities for waste reduction efforts and about 45% for specified countywide waste reduction programs including grants to nonprofit organizations, administered by StopWaste.
- **Import Mitigation Fee** - \$4.53 per ton is collected on all wastes landfilled in Alameda County that originate out-of-county.

## EXPENDITURES

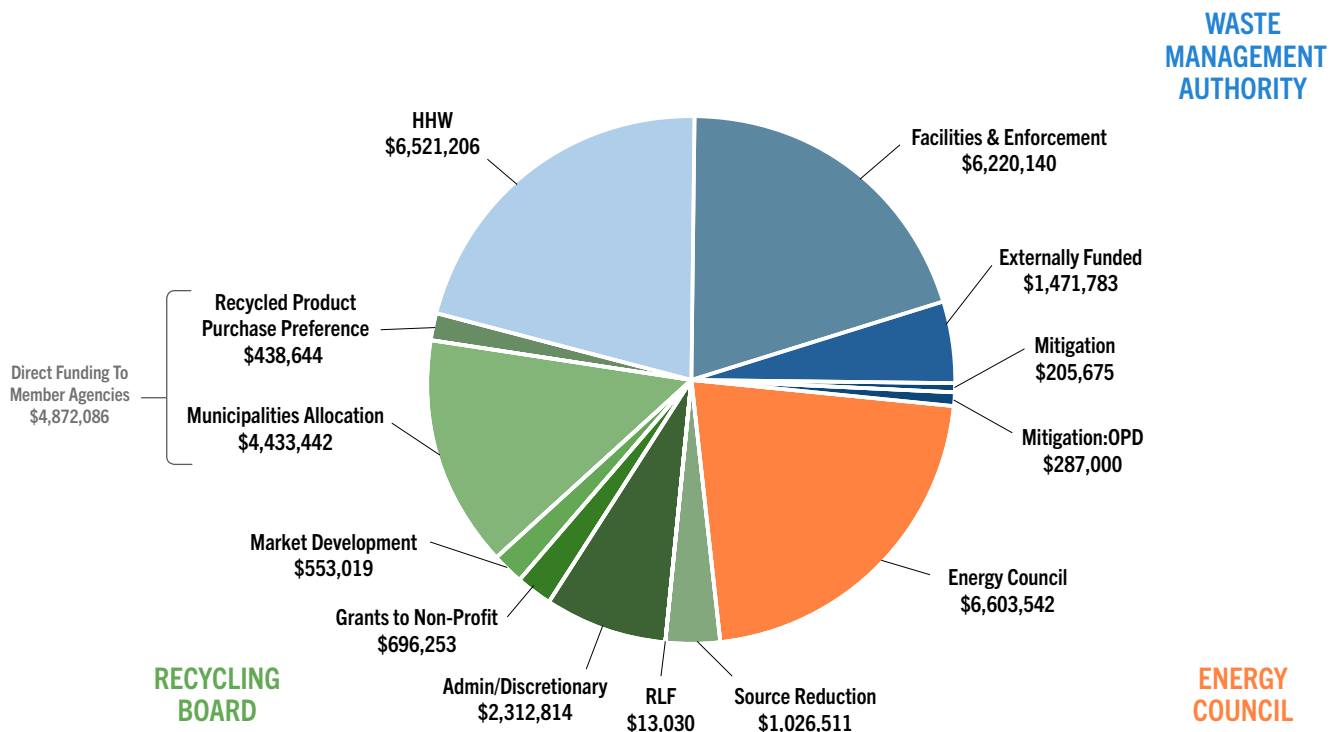
Total expenditures for all projects in FY17/18 are \$30,783,059 (WMA portion \$14,705,804; RB portion \$9,473,713, EC portion \$6,603,542). Expenditures, excluding the RLF, the Measure D disbursement and RPPP, but including reserve and externally funded projects, total \$25,897,943. Direct funding to member agencies total \$4,872,086. Core expenditures total \$11,014,412.

Four projects are funded in part from the Organics Processing Development reserve, totaling \$287,000 for non-recurring expenses related to the increased focus on organics.

**TABLE 2: PROJECTS FUNDED IN PART BY OPD RESERVES**

Project	Amount
1020 – Landscape Services and Partnerships	\$35,000
1220 – Food Waste Prevention	\$40,000
1260 – Compost and Mulch	\$75,000
2420 – Business Assistance Supporting Activities	\$137,000
<b>Total</b>	<b>\$287,000</b>

**FIGURE 5: EXPENDITURES BY FUNDING SOURCE**





A listing of projects by funding source is also shown in the Financial Attachments section of the budget (pages III-1 – III-5). In addition, projects funded by the core budget are shown in Table 2 (page II-7). A breakdown of hard costs and staff (labor and overhead) is shown in the individual project charters.

## **WORKFORCE RELATED**

At the March, 2017 Authority Board meeting, the Board approved the enabling resolution which offered two additional years of service credit for eligible employees in the Program Manager series. Four employees thus far have accepted this offer. Three employees will be retiring at the end of September 2017 and as such their labor costs have been included for the first three months of the fiscal year.

Of these four positions, two of the Senior Program Manager positions are being eliminated; one of the Senior Program Manager positions is being downgraded to a Program Manager I and the remaining Program Manager position is being downgraded to a Program Services Specialist.

In addition, included in the budget are three limited term Program Services Specialist positions to assist with food waste prevention and community outreach. The budget also includes a reduction of associates (interns) from twelve (12) intermittent (1,000 hours per fiscal year) positions to six (6) intermittent positions. The net savings between the retirements, the reduction in associates, and these limited term positions total \$208,000.

As discussed at the Programs and Administration (P&A) Committee meeting on April 13, 2017, also included in the budget are two position conversions. The proposed Legislative and Regulatory Affairs Manager position is replacing a Senior Program Manager (non-retiree) position and will generate salary savings, and the Information Services Manager position will replace the independent contractor performing these services and will be at least cost neutral. The P&A Committee approved including these position conversions in the budget.

The budget includes a CPI adjustment of 3.5% to the salary ranges; however, actual salary increases are subject to approval of the budget by the Board. The incremental amount of salary and associated benefit increases in the budget (excluding the Executive Director, whose salary is determined independently of the budget) totals approximately \$184,000. This amount is comprised of the adjusted salary range and the amount available under a “step increase” plan.

Staff salaries and benefits total approximately \$7.7 million (\$5.0 million salary and \$2.7 million taxes and benefits) and represent about 25% of the Agency’s total budget and about 70% of the core budget. Some staff salaries are paid from revenue outside the core, so this percentage is provided for comparison only.

## **OVERHEAD COSTS**

We allocate overhead across all projects in proportion to labor costs rather than labor hours. We have been doing this for three years to avoid skewing total project costs by burdening those projects that may have higher hours overall, but are at a lower hourly rate. For example, projects that have a significant number of hours allocated for entry level positions would get a larger portion of overhead allocated to the project, while projects that may have larger hard costs and higher salaries, but less hours overall, would get a smaller portion of the overhead portion. This year's calculation of non-project costs is summarized in the following table.

**TABLE 3: OVERHEAD COSTS**

Overhead Cost Category	Cost
General Overhead (includes IT, HR, Accounting and Finance, contract administration, general legal assistance, insurance, facility management, etc.)	\$2,984,291
Recycling Board Administration	\$101,782
Waste Management Authority Administration	\$172,459
Leave (vacation, sick leave, holiday, etc.)	\$1,077,761
Other non-project hours (non-project staff meetings, time spent on general activities such as preparing evaluations, reviewing contracts, etc.)	\$285,320
<b>Total</b>	<b>\$4,621,613</b>

"Labor" costs in Table 4, and in all the project charters, include overhead costs in Table 1.

**TABLE 4: CORE BUDGET**

Project	Hard Costs	Labor & Overhead	Total
1020 Landscape Services And Partnerships	61,000	411,579	472,579
1150 Bay-Friendly Water Efficient Landscape Prop 84	-	89,984	89,984
1200 Packaging	132,500	258,586	391,086
1220 Food Waste Prevention	578,200	802,824	1,381,024
1250 Reusable Bag Ordinance Implementation	-	149,445	149,445
1260 Compost And Mulch	105,500	259,804	365,304
1350 Building Services And Partnerships	112,500	200,751	313,251
2040 Competitive Grants	194,000	102,502	296,502
2090 Mandatory Recycling Implementation	821,500	1,363,861	2,185,361
2110 Construction & Demolition Debris Recycling	5,500	135,405	140,905
2420 Business Assistance Supporting Activities	10,000	97,142	107,142
3210 Property Management	65,000	119,728	184,728
3220 Disposal Reporting	15,000	23,096	38,096
3230 Technical Advisory Committee	2,250	71,005	73,255
3240 Fee Enforcement	150,000	184,764	334,764
3410 General Planning	15,000	57,358	72,358
3440 Waste Characterization Study	750	121,828	122,578
3460 Five Year Audit	-	48,294	48,294
3480 Measurement And Analysis	86,500	168,668	255,168
3510 General Agency Communications	105,000	1,299,185	1,404,185
3530 Legislation	75,000	476,490	551,490
3570 Community Based Outreach	100,000	612,874	712,874
3580 Schools Based Community Outreach	301,000	1,023,040	1,324,040
<b>Total Core Projects</b>	<b>\$2,936,200</b>	<b>\$8,078,212</b>	<b>\$11,014,412</b>

## **FUND BALANCES AND RESERVES**

The Agency's available resources consist of both fund balances and reserves. Core fund balances are generally discretionary and can be used to help balance the budget. Reserves are funds that are set aside for specific purposes, although they can also be used to fund projects particularly if those projects have a nexus to that reserve, for example using the Organics Processing Development Reserve for an

organics related project. At the end of FY 17/18 we estimate that core fund balances and reserves will total approximately \$21.2 million, which is equivalent to almost two years of our core budget.

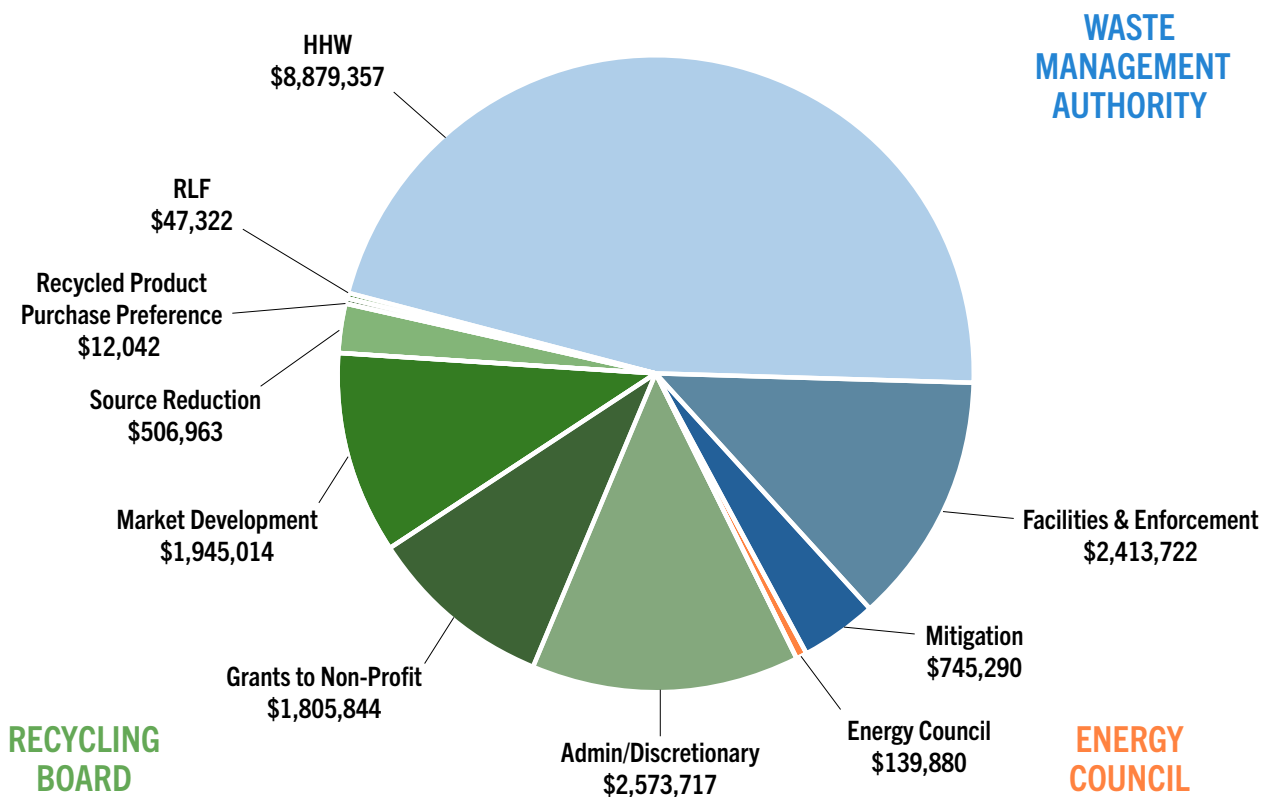
Estimated fund balances available and schedules of reserves are shown on pages III-4 – III-7.

## FUND BALANCE (WORKING CAPITAL)

The Agency's fund balances available at year end are projected to total \$19,069,151. Of this amount, the Authority fund balance is projected to total \$12,038,369 (of which \$8,879,357 are HHW fees), the Recycling Board fund balance is projected to total \$6,890,902 and the Energy Council fund balance is projected to total \$139,880. These fund balances should allow the Agency to fund core operations for the next several years as we continue to address both our programmatic and long-term fiscal goals.

We use the term fund balance in reference to the working capital available to fund the Agency's operations. Our term differs from the technical accounting term in that we do not include encumbrances (which we view as spent) or the unfunded liability figure (which is considered a long term liability, since we make at a minimum the required annual payment which is included in the budget).

FIGURE 6: FUND BALANCES AS OF JUNE 30, 2018



## RESERVES

Agency reserves will total approximately \$11.1 million at the end of FY17/18. Agency reserves, including the fiscal reserve, are categorized as either contractually committed or designated for a specific purpose and are as follows:

**TABLE 5: PROPOSED RESERVES FY17/18**

Reserves	Balance
Organics Processing Development	5,489,058
Pension Liability Reserve	100,000
Fiscal Reserve	2,100,000
WMAC Transportation Improvement Program	3,441,987
<b>Total</b>	<b>\$11,131,045</b>

### THE ORGANICS PROCESSING DEVELOPMENT RESERVE

The Organics Processing Development (OPD) Reserve, established in 1998 for the development or advancement of in-county organics processing capacity or facilities, will have a balance of \$5.5 million at the end of FY17/18. Multiple facilities have gone through the ColWMP amendment and conformance finding process and are in various stages of development with no need of Agency financing. Given that, the Agency will continue to allocate some portion of the OPD funds (\$287,000 in FY17/18) toward projects that promote increased participation in existing residential and commercial organics waste reduction programs.

Focusing more on organics diversion is consistent with the Agency's waste reduction goals, since approximately 30% by weight of Alameda County's residential and commercial garbage is compostable organics. Additionally, there are several statewide and national initiatives focused on getting organics out of the landfill, creating additional synergies for our increased efforts on organics related projects in FY17/18.

### PENSION LIABILITY RESERVE

The Pension Liability Reserve was established in 2015 to partially offset the Agency's unfunded pension liability.

### FISCAL RESERVE

The Fiscal Reserve was established to offset any declines in revenue that could occur during the year. We have never had to use this reserve.

## **WMAC TRANSPORTATION IMPROVEMENT PROGRAM RESERVE**

The Transportation Improvement Program Reserve was recommended in 1991 to fund improvements and repairs to the Altamont Pass Road (as a result of waste imports from San Francisco). Since San Francisco ceased to export its waste to Alameda County in 2016, we would propose to consider eliminating this reserve next fiscal year to continue paying down our unfunded pension liability.

# **III. FINANCIAL ATTACHMENTS**





# PROJECTS BY FUNDING SOURCE - CORE FUNDED - FY17/18

Total	Waste Management Authority						Recycling Board						Energy Council	
	Facilities & Enforcement	Mitigation:OPD	Mitigation	Externally Funded	HHW	Energy Council	Municipalities Allocation	RLF	Admin/Discretionary	Grants to Non-Profit	Source Reduction	Market Development		Recycled Product Purchase Preference
	21		24	22	28	40	27	29	30 & 31	32	33	34		35
Dollars in thousands: (.000)														
Core Funded														
	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 161	\$ -	\$ 156	\$ 156	\$ -	
1020 LANDSCAPE SERVICES AND PARTNERSHIPS														
1150 BAY-FRIENDLY WATER EFFICIENT LANDSCAPE PROP 84	6		7	-	-	-	-	-	-	-	58	19	-	
1200 PACKAGING	126		-	-	-	-	-	-	-	20	122	122	-	
1220 FOODWASTE PREVENTION	691		-	-	-	-	-	-	-	-	691	-	-	
1250 REUSABLE BAG ORDINANCE IMPLEMENTATION	149		-	-	-	-	-	-	-	-	-	-	-	
1260 COMPOST AND MULCH	110		-	-	-	-	-	-	-	-	-	256	-	
1350 BUILDING SERVICES AND PARTNERSHIPS	293		-	-	-	-	-	-	-	20	-	-	-	
2040 COMPETITIVE GRANTS	5		-	-	-	-	-	-	-	292	-	-	-	
2090 MANDATORY RECYCLING IMPLEMENTATION	219		-	-	-	-	-	-	1,967	-	-	-	-	
2110 CONSTRUCTION & DEMOLITION DEBRIS RECYCLING	70		-	-	-	-	-	-	70	-	-	-	-	
2420 BUSINESS ASSISTANCE SUPPORTING ACTIVITIES	54		-	-	-	-	-	-	54	-	-	-	-	
3210 PROPERTY MANAGEMENT	-		185	-	-	-	-	-	-	-	-	-	-	
3220 DISPOSAL REPORTING	38		-	-	-	-	-	-	-	-	-	-	-	
3230 TECHNICAL ADVISORY COMMITTEE	73		-	-	-	-	-	-	-	-	-	-	-	
3240 FEE ENFORCEMENT	335		-	-	-	-	-	-	-	-	-	-	-	
3410 GENERAL PLANNING	59		14	-	-	-	-	-	-	-	-	-	-	
3440 WASTE CHARACTERIZATION STUDY	-		-	-	-	-	-	-	61	61	-	-	-	
3460 FIVE YEAR AUDIT	-		-	-	-	-	-	-	-	48	-	-	-	
3480 MEASUREMENT AND ANALYSIS	-		-	-	-	-	-	-	-	255	-	-	-	
3510 GENERAL AGENCY COMMUNICATION	1,404		-	-	-	-	-	-	-	-	-	-	-	
3530 LEGISLATION	551		-	-	-	-	-	-	-	-	-	-	-	
3570 COMMUNITY BASED OUTREACH	713		-	-	-	-	-	-	-	-	-	-	-	
3580 SCHOOLS BASED COMMUNITY OUTREACH	1,324		-	-	-	-	-	-	-	-	-	-	-	
Total Core Projects	\$ 6,220		\$ 206	-	-	-	-	-	\$ 2,313	\$ 696	\$ 1,027	\$ 553	-	

# PROJECTS BY FUNDING SOURCE - NON-CORE FUNDED - FY17/18

	Waste Management Authority					Energy Council	Recycling Board					
	Facilities & Enforcement	Mitigation:OPD	Mitigation	Externally Funded	HHW		Municipalities Allocation	RLF	Admin/Discretionary	Grants to Non-Profit	Source Reduction	Market Development
Total	21	24	22	28	40	27	29	30 & 31	32	33	34	35
Dollars in thousands: (,000)												
Externally Funded												
1153 BAY-FRIENDLY WATER EFFICIENT LANDSCAPE PROP 84 ROUND III	\$ 956,800	-	\$ 957	-	-	-	-	-	-	-	-	-
1251 REUSABLE BAG ORDINANCE EXTERNAL CONTRIBUTIONS	59,983	-	60	-	-	-	-	-	-	-	-	-
1347 BAYREN (BAY REGIONAL ENERGY NETWORK)	5,855,581	-	-	-	5,856	-	-	-	-	-	-	-
1348 PG&E LOCAL GOVERNMENT PARTNERSHIP	579,386	-	-	-	579	-	-	-	-	-	-	-
1349 ENERGY COUNCIL INCUBATOR	168,576	-	-	-	169	-	-	-	-	-	-	-
2311 USED OIL RECYCLING GRANT	155,000	-	-	155	-	-	-	-	-	-	-	-
3021 MISCELLANEOUS SMALL GRANTS ADMINISTRATION	300,000	-	-	300	-	-	-	-	-	-	-	-
Total Externally Funded Projects	8,075,325	-	-	1,472	6,604	-	-	-	-	-	-	-
HHW Fees												
2312 HOUSEHOLD HAZARDOUS WASTE FACILITIES	6,521,206	-	-	6,521	-	-	-	-	-	-	-	-
Total HHW Fees Projects	6,521,206	-	-	6,521	-	-	-	-	-	-	-	-
Other												
1210 RECYCLED PRODUCT PURCHASE PREFERENCE	438,644	-	-	-	-	-	-	-	-	-	-	439
2030 REVOLVING LOAN FUND	13,030	-	-	-	-	-	13	-	-	-	-	-
2220 RB MUNICIPALITIES (Measure D 5.0%)	4,433,442	-	-	-	-	4,433	-	-	-	-	-	-
Total Other Projects	4,885,117	-	-	-	-	4,433	13	-	-	-	-	439
OPD Transfers												
1020 LANDSCAPE SERVICES AND PARTNERSHIPS	35,000	35	-	-	-	-	-	-	-	-	-	-
1220 FOODWASTE PREVENTION	40,000	40	-	-	-	-	-	-	-	-	-	-
1260 COMPOST AND MULCH	75,000	75	-	-	-	-	-	-	-	-	-	-
2420 BUSINESS ASSISTANCE SUPPORTING ACTIVITIES	137,000	137	-	-	-	-	-	-	-	-	-	-
Total OPD Transfers	287,000	287	-	-	-	-	-	-	-	-	-	-
Total Project Expenditures	\$ 30,783,059	\$ 287	\$ 206	\$ 1,472	\$ 6,521	\$ 6,604	\$ 4,433	\$ 13	\$ 2,313	\$ 696	\$ 1,027	\$ 553 \$ 439

# REVENUE BY FUNDING SOURCE - FY 17/18

	Waste Management Authority						Recycling Board						Energy Council
	Facilities & Enforcement	Mitigation:OPD	Mitigation	Externally Funded	HHW	Energy Council	Municipalities Allocation	RLF	Admin/Discretionary	Grants to Non-Profit	Source Reduction	Market Development	
Total	21	24	22	28	40	27	29	30 & 31	32	33	34	35	
Dollars in thousands; (000)													
REVENUES													
Tonnage revenues	9,383,355	4,872	369					1,329	1,042	886	886		
Property and Other revenues	579,791		580										
HHW Fees	7,196,854			7,197									
Energy Council	6,553,542				6,554								
Externally funded revenues	1,471,783		1,472										
RB Municipalities (Measure D 50%) (Proj. 2220)	4,429,942					4,430							
Recycled Product Purchase Preference (Measure D 5%) (Proj. 1210)	442,994											443	
Reserves Transfers & Revenue Allocations	287,000	(50)	287		50		(1,420)				1,420		
Interest	121,400	30	48			4	39						
Interest Other Funds	41,500			36	2	4							
Total Revenues	\$ 30,508,161	\$ 4,852	\$ 996	\$ 1,472	\$ 7,233	\$ 6,606	\$ 4,433	\$ (1,416)	\$ 1,368	\$ 1,042	\$ 886	\$ 2,306	\$ 443
Excess of Expenditures Over Revenues													
	\$ (274,899)	\$ -	\$ 791	\$ 0	\$ 712	\$ 2	\$ (0)	\$ (1,429)	\$ (945)	\$ 345	\$ (141)	\$ 1,753	\$ 4

# FUND BALANCE (WORKING CAPITAL) SUMMARY - FY 17/18

	Waste Management Authority					Recycling Board					Energy Council		
	Facilities & Enforcement	Mitigation:OPD	Mitigation	Externally Funded	HHW	Energy Council	Municipalities Allocation	RLF	Admin/Discretionary	Grants to Non-Profit		Source Reduction	Market Development
Total	21	24	22	28	40	27	29	30 & 31	32	33	34	35	
Dollars in thousands: (000)													
Working Capital (Fund Balance)													
Beginning Available Working Capital 7/1/16	19,767,342												
Budget 16/17 - Net	-1,773,292												
Projected Adjustments for actuals	1,350,000												
Projected Ending Working Capital 6/30/17	19,344,050												
AVAILABLE FUNDING (FY17/18)	49,852,211												
Less: Net Project Expenditures (FY17/18)	-30,783,059												
ENDING WORKING CAPITAL (FUND BALANCE)	\$ 19,069,151												
Core Fund Balance	\$ 9,990,550												
Other Fund Balances	\$ 9,078,602												
WMA Fund Balance	\$ 12,038,369												
RB Fund Balance	\$ 6,890,902												
EC Fund Balance	\$ 139,880												

# FUND BALANCE (WORKING CAPITAL) AVAILABLE - WASTE MANAGEMENT AUTHORITY - FY17/18

FUND NAME	BEG. FUND BALANCE JULY 1, 2017	ADJUST- MENTS	BEG. FUND BALANCE JULY 1, 2017	PROJECTED REVENUES	PROJECTED EXPENDITURES	TRANSFERS	ESTIMATED FUND BALANCE June 30, 2018
Facility Operators Fee	\$ 3,781,701		\$ 3,781,701	\$ 4,852,162	\$ (6,220,140)		\$ 2,413,722
Externally Funded	-		-	1,471,783	(1,471,783)		-
Mitigation	(45,437)		(45,437)	996,402	(492,675)	287,000 (a)	745,290
HHW Fees	8,167,709		8,167,709	7,232,854	(6,521,206)		8,879,357
<b>Authority Total</b>	<b>\$ 11,903,973</b>	<b>-</b>	<b>11,903,973</b>	<b>14,553,201</b>	<b>(14,705,805)</b>	<b>287,000</b>	<b>\$ 12,038,369</b>

## FUND BALANCE (WORKING CAPITAL) AVAILABLE - RECYCLING BOARD - FY17/18

FUND NAME		BEG. FUND BALANCE JULY 1, 2017	ADJUST- MENTS	BEG. FUND BALANCE JULY 1, 2017	PROJECTED REVENUES	PROJECTED EXPENDITURES	TRANSFERS	ESTIMATED FUND BALANCE June 30, 2018
	%**							
Discretionary****	15%	\$ 3,518,549		\$ 3,518,549	\$ 1,367,982	\$ (2,312,814)		\$ 2,573,717
Grants to Non-Profits	10%	1,460,473		1,460,473	1,041,624	(696,253)		1,805,844
Source Reduction	10%	647,486		647,486	885,988	(1,026,511)		506,963
Market Development	10%	192,044		192,044	885,988	(553,019)	1,420,000 (b)	1,945,014
Recycled Product Purchase Preference	5%	7,693		7,693	442,994	(438,644)		12,042
Municipalities Allocation	50%	-		-	4,433,442	(4,433,442)		-
Revolving Loan Fund		1,475,953		1,475,953	4,400	(13,030)	(1,420,000) (b)	47,322
<b>Recycling Board Total</b>		\$ 7,302,197	-	7,302,197	9,062,418	(9,473,713)	-	\$ 6,890,902

(b) Transfer from Reserves Balance Revolving loan fund (RLF) reserves.

\*\* Mandated percentage apportionment of revenue. Discretionary and Municipalities allocation includes interest.

\*\*\*\* 3% of Discretionary funds may be used to cover expenses necessary to administer the recycling fund.

## WORKING CAPITAL AVAILABLE - ENERGY COUNCIL - FY17/18

FUND NAME		BEG. FUND BALANCE JULY 1, 2017	ADJUST- MENTS	BEG. FUND BALANCE JULY 1, 2017	PROJECTED REVENUES	PROJECTED EXPENDITURES	TRANSFERS	ESTIMATED FUND BALANCE June 30, 2018
Energy Council		\$ 137,880		\$ 137,880	\$ 6,605,542	\$ (6,603,542)		\$ 139,880
<b>Energy Council Total</b>		\$ 137,880	-	137,880	6,605,542	(6,603,542)	-	\$ 139,880

## SCHEDULE OF RESERVES - WASTE MANAGEMENT AUTHORITY - FY 17/18

DESIGNATED RESERVES	BALANCE JULY 1, 2017	TRANSFERS IN	TRANSFERS OUT	BALANCE JUNE 30, 2018
ORGANICS PROCESSING DEVELOPMENT	\$ 5,776,058		\$ (287,000)	\$ 5,489,058
PENSION LIABILITY RESERVE	100,000			100,000
FISCAL RESERVE	1,405,019			1,405,019
Sub-total	7,281,077	-	(287,000)	6,994,077
CONTRACTUALLY COMMITTED RESERVES				
WMAC TRANSPORTATION IMPROVEMENT PROGRAM (TIP)	3,441,987			3,441,987
Sub-total	3,441,987	-	-	3,441,987
Total	\$ 10,723,064	\$ -	\$ (287,000)	\$ 10,436,064

## SCHEDULE OF RESERVES - RECYCLING BOARD - FY 17/18

DESIGNATED RESERVES	BALANCE JULY 1, 2017	TRANSFERS IN	TRANSFERS OUT	BALANCE JUNE 30, 2018
FISCAL RESERVE	\$ 694,981			\$ 694,981
Total	\$ 694,981	\$ -	\$ -	\$ 694,981





## **IV. PROJECT CHARTERS**



# **LANDSCAPE SERVICES AND PARTNERSHIPS**

Project #: 001020

Project Manager: Teresa Eade

## **DESCRIPTION**

Focuses on the built urban landscape to reduce the generation of waste, recycle construction waste and plant debris and incorporate recycled compost and mulch. Promotes strategic use of organic material in the landscape to build soil health, sequester carbon, create landscapes that are more resilient to climate change and conserve water and resources.

Partners with member agencies, landscape professionals and nonprofits, supporting innovative sustainable landscaping policies and standards. Provides technical assistance, grants and professional trainings to member agencies.

## **FY 16/17 ACCOMPLISHMENTS**

- Increased Bay-Friendly Rated Landscapes to 62 within Alameda County, covering 267 acres and using approximately 12,040 tons of recycled compost and mulch.
- Increased use of sheet mulching with cardboard, compost and mulch to 36 projects covering 29 acres.
- Provided Technical Assistance to 24 landscape projects and awarded four grants.
- Provided 76 member agency staff scholarships to professional trainings and qualification, increasing total number of member agency qualified staff to 370.
- Created a list of Water Efficient Landscape Ordinance (WELO) implementation tools and webpage for member agency staff, and developed a WELO checklist and educational materials for developers and code enforcement staff.
- Served on ReScape California Advisory Board.
- Supported the launch of Bay-Friendly Rated Landscape Scorecard Version Four.

## **FY 17/18 ACTIVITIES**

- Provide assistance for 15 Bay-Friendly rated landscapes or lawn conversions; orient member agency staff to the new Scorecard.
- Create case studies, update webpages, post on social media, distribute quarterly enews, and perform annual sustainable landscape project update.
- Provide scholarships to member agency staff on Bay-Friendly Qualified Landscape Professional Trainings.
- Provide two to four landscape or sheet mulch lawn conversion grants.
- Support member agency staff with implementation of the model WELO.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$96,000	\$411,579	\$507,579	1.31

## **FUNDING SOURCE, FY17/18**

<u>(31) RB Discretionary</u>	<u>(33) RB Source Reduction</u>	<u>(34) RB Market Development</u>	<u>(24) Mitigation</u>
\$160,677	\$155,951	\$155,951	\$35,000

# **BAY-FRIENDLY WATER EFFICIENT LANDSCAPE PROP 84**

Project #: 001150

Project Manager: Teresa Eade

## **DESCRIPTION**

Provides administrative support for Prop 84 grant funded projects related to Agency goals increasing use of compost and mulch. Supports the Energy Council's goal for water and energy nexus projects.

## **FY 16/17 ACCOMPLISHMENTS**

- Participated in the Bay Area Integrated Regional Planning group with water agencies, flood control agencies, watershed, habitat based non-profits and resource conservation districts
- Closed out Round I of Prop 84 funding, finishing final report and receiving final retainer payment from DWR.
- Completed Prop 84 Round II program implementation through a contract with ReScape California for a total of eight Bay-Friendly professional trainings and 15 home gardener lawn-to-garden with sheet mulch trainings throughout the Bay area. Implemented contract with ReScape California and submitted quarterly reports to ABAG.
- Prop 84 Round III funded a Healthy Soils Lawn to Garden Marketplace run by StopWaste and administration of regional water rebates with 12 partner water agencies Bay Area wide.

## **FY 17/18 ACTIVITIES**

- Continue administration of regional water rebates with 12 partner water agencies Bay Area wide.
- Serve on the Bay Area Integrated Regional Water Management Planning Coordinating Committee to seek out external funding and to leverage Agency projects with other key stakeholders.
- Seek funding for sustainable landscaping programs in support of agency priorities for compost and mulch and for the Energy Council's priorities on the energy and water nexus.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$0	\$89,984	\$89,984	0.41

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(24) Mitigation</u>	<u>(33) RB Source Reduction</u>	<u>(34) RB Market Development</u>
\$6,299	\$7,199	\$57,589	\$18,896

# **BAY-FRIENDLY WATER EFFICIENT LANDSCAPE PROP 84 ROUND III**

Project #: 001153

Project Manager: Lisa Pontecorvo

## **DESCRIPTION**

Offers long-term water savings through a suite of water conservation programs designed to improve water use efficiency throughout the San Francisco Bay Area region.

Administers the Bay Area Program (Round III) on behalf of a team of 12 participating agencies, and manages the grant agreement in coordination with ABAG. ABAG received a total of \$32 million from the Department of Water Resources, of which the Bay Area Regional Drought Relief Conservation Program receives \$6.0 million. \$5.7 million is passed through to water agencies for rebates.

The Conservation Program implements water use efficiency Best Management Practices (BMPs), which include landscape rebates, toilet/urinal rebates and direct installation, and lawn-to-garden education.

## **FY 16/17 ACCOMPLISHMENTS**

- Submitted quarterly progress reports and invoices to ABAG.
- Received payments from DWR/ABAG. Apportioned and distributed grant reimbursement checks to water agencies.
- Managed consultants, communication with water agencies, rebate reallocations, and grant reporting.
- Convened in-person meetings with 12 participating agencies.
- Implemented regional Healthy Soils Lawn to Garden Marketplace working with stakeholders and retailers to promote consumer resources and rebates for sheet mulching lawns.
- Installed retail displays in stores regionally.
- Created Lawn to Garden website.

## **FY 17/18 ACTIVITIES**

- Complete grant deliverables for the education component of the grant.
- Administer grant and reporting on behalf of 12 participating agencies.
- Run Lawn To Garden Marketplace website, promoting sheet mulching as the preferred lawn removal method.
- Develop in-store displays and outreach materials for retail partners and water agencies.
- Train landscape professionals in marketing sheet mulching and lawn removal services through networking events and workshops.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$943,300	\$13,500	\$956,800	0.09

## **FUNDING SOURCE, FY17/18**

(22) Externally Funded  
\$956,800

# **PACKAGING**

Project #: 001200

Project Manager: Justin Lehrer

## **DESCRIPTION**

Focuses on waste prevention, reuse, and improved recyclability of packaging materials manufactured, sold, and discarded in Alameda County. Provides education, technical assistance, and financial support to businesses and institutions, as well as engagement with industry and other stakeholders to support policy and standards development in support of sustainable packaging.

## **FY 16/17 ACCOMPLISHMENTS**

- Provided technical and financial assistance to a local food manufacturer that successfully adopted the How2Recycle label for their packaging.
- Reached over 100 businesses to offer education about the benefits of reusables and provide implementation assistance when needed. Awarded a total of \$20,000 to five qualified reusables projects. Developed reusable plastic container sanitation guide for small scale distributors.
- Implemented “Rethink Disposable” campaign reaching 43 businesses, which led to ten sites keeping over 3.5 tons of single-use disposable food ware products (or more 100,000 individual items) out of the landfill and off the streets.

## **FY 17/18 ACTIVITIES**

- Research and identify opportunities to leverage packaging to prevent food waste.
- Coordinate technical assistance, media and outreach.
- Develop food service ware waste prevention and reuse guide for businesses and post online.
- Oversee delivery of ReThink Disposable program to Alameda County businesses and development of case studies.
- Manage grants, rebates, and incentives for up to 20 organizations for projects that reduce packaging at the source and include reusable foodware, reusable transport packaging, and other sustainable packaging initiatives.
- Follow and participate in industry, legislative, and policy development activities relating to reusable packaging, food service ware, and other sustainable packaging issues.
- Provide technical assistance on recyclability labeling, life cycle analysis for packaging, and sustainable packaging strategies.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$132,500	\$258,586	\$391,086	0.93

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(32) RB Grant to Non Profit</u>	<u>(33) RB Source Reduction</u>	<u>(34) RB Market Development</u>
\$126,169	\$20,000	\$122,459	\$122,459

# **RECYCLED PRODUCT PURCHASE PREFERENCE**

Project #: 001210

Project Manager: Rachel Balsley

## **DESCRIPTION**

Provides technical assistance and oversight to the Alameda County General Services Agency (GSA) to implement Measure D-required programs and Memorandum of Understanding (MOU). Also provides technical expertise and resources on recycled content and Environmentally Preferable Purchasing (EPP) to member agencies and other interested public agencies.

## **FY 16/17 ACCOMPLISHMENTS**

- Worked with Alameda County GSA to implement the MOU and provided Measure D Recycled Product Price Preference funds to undertake recycled product and EPP activities.
- Worked with Alameda County GSA on the Alameda County Public Agencies Green Purchasing Roundtable to develop tools, resources and host periodic meetings. Topics in FY 16/17 included a south county-focused workshop for implementing EPP programs, and an all-county roundtable event on contracts for facility maintenance products.
- Updated several EPP resources including Model EPP Policy and Implementation Guidelines; Rechargeable Batteries, Park and Recreation Products, Remanufactured Toner Cartridges, Janitorial Paper Products and Traffic Control Products Fact Sheets; Guide to Green Maintenance and Operations and a case study from GSA on food service sustainability in the County jail food service contract.
- Assisted the City of Alameda and the City of Emeryville with development of a proposed EPP policy.
- GSA researched and developed green and recycled-content bid specifications, and supported implementation of the following County contracts valued at \$31 million: records storage and retention, office supplies, janitorial chemicals and papers, and Santa Rita Jail food services.
- GSA contributed significantly to the content development and promotion of the West Coast Climate and Materials Management Forum's Climate Friendly Purchasing toolkit, an online resource targeting public agencies to help them understand, and take action to address, the climate impacts of government purchasing.

## **FY 17/18 ACTIVITIES**

- Provide funding, assistance, and oversight for Alameda County GSA staffing to undertake recycled product and EPP activities in the county and to assist member agencies with the same, as per the MOU.
- Assist member agencies with EPP Policy adoption and implementation, including the updating of EPP resources and supporting the Alameda County Green Purchasing Roundtable meetings.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$407,193	\$31,451	\$438,644	0.12

## **FUNDING SOURCE, FY17/18**

(35) RB RPP  
\$438,644

# FOOD WASTE REDUCTION

Project #: 001220

Project Manager: Cassie Bartholomew

## DESCRIPTION

Supports the reduction of food waste generated in food service establishments, households and schools. Program elements include training, technical assistance and support for food service providers to reduce pre-consumer food waste using tracking technology, and establish food share and food donation in commercial and institutional kitchens and cafeterias.

## FY 16/17 ACCOMPLISHMENTS

### *Smart Kitchen Initiative (SKI)*

- Completed SKI with 15 kitchens, tracking over 100,000 pounds of wasted food and recruiting four new providers. Avoided an estimated 126 tons of food waste.
- Provided support to 12 corporate dining sites to start local food donation program “Chefs to End Hunger.”
- Diverted 4,480 pounds of edible food through partnership with O.co Coliseum and Alameda County Community Food Bank.

### *Smart Cafeteria Initiative*

- Developed and conducted ten plate-waste studies in Livermore and Oakland school districts.
- Trained nutrition services staff, launched food share and/or food donation in Alameda, Livermore, Oakland and Fremont Unified School Districts.
- Reached 150 students and their families through “Food Too Good to Waste” curriculum.
- UN Environmental Commission awarded Dublin Unified elementary third place in North America for the Not Wasting Food Video Challenge. Their video featured Food Too Good to Waste tools and strategies.

### *Stop Food Waste Campaign*

- Developed and launched new Stop Food Waste campaign website, tools and resources. Launched broad multimedia campaign, digital, social media and transit ads, as well as presence at 32 community events.

## FY 17/18 ACTIVITIES

- Recruit, train and support up to ten businesses or institutions for Smart Kitchen/Cafeteria Initiative.
- Oversee the support and training for up to three school districts to implement food share and/or school food donation districtwide.
- Develop, implement and measure reach of Stop Food Waste media and outreach campaign.
- Provide food waste reduction grants for prevention and recovery projects and evaluate effectiveness.
- Coordinate with general community and school outreach campaigns and trainings.

## PROJECT COST, FY17/18

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$618,200	\$802,824	\$1,421,024	4.03

## FUNDING SOURCE, FY17/18

<u>(21) Facilities</u>	<u>(33) RB Source Reduction</u>	<u>(24) Mitigation</u>
\$690,512	\$690,512	\$40,000



# **REUSABLE BAG ORDINANCE IMPLEMENTATION**

Project #: 001250

Project Manager: Meri Soll

## **DESCRIPTION**

Implements the expanded reusable bag ordinance adopted by the WMA Board in 2016. Provides outreach and technical assistance to the 14,000 affected stores and eating establishments. Follows up with non-compliant stores on a complaint basis.

## **FY 16/17 ACCOMPLISHMENTS**

- Developed revised ordinance language for expansion of ordinance, including all retail stores and eating establishments in Alameda County.
- Reached out to member agencies, city councils and community groups on ordinance expansion.
- Entered into a Memorandum of Understanding with the Alameda County Clean Water Program to receive \$180,000 in funding support for expansion activities.
- Conducted store surveys and reviewed purchasing data to assess the impacts of ordinance. Analysis shows consumer behavior continuing to trend in the right direction.
- Completed a variety of outreach activities, including mailings to affected stores and store visits to provide educational and technical assistance to newly covered stores.

## **FY 17/18 ACTIVITIES**

- Manage inspections, including oversight of in-field inspectors, outreach associates and technical assistance.
- Conduct parking lot surveys and store observations to assess ordinance effectiveness.
- Manage ordinance implementation activities. Continue to evaluate and report on the ordinance, and monitor regulations related to single-use bag ordinances.
- Continue with outreach activities to newly affected stores and restaurants.
- Respond to hotline complaints and inquiries by the general public
- Manage bag compliance issues including working with bag vendors and manufacturers. Coordinate with CalRecycle compliant bag listing.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$0	\$149,445	\$149,445	0.97

## **FUNDING SOURCE, FY17/18**

(21) Facilities

\$149,445

## **REUSABLE BAG ORDINANCE EXTERNAL CONTRIBUTIONS**

Project #: 001251

Project Manager: Meri Soll

### **DESCRIPTION**

Tracks the externally funded (Alameda County Clean Water Program) portion of Project 1250.

### **FY 16/17 ACCOMPLISHMENTS**

- Covered under Project 1250 - Reusable Bag Ordinance Implementation.

### **FY 17/18 ACTIVITIES**

- Covered under Project 1250 - Reusable Bag Ordinance Implementation.

### **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$0	\$59,983	\$59,983	0.30

### **FUNDING SOURCE, FY17/18**

(22) Externally Funded

\$59,983

# COMPOST AND MULCH

Project #: 001260

Project Manager: Kelly Schoonmaker

## DESCRIPTION

Focuses on increasing the availability, access to and quality of local, recycled bulk compost and mulch. Through a combination of strategic partnerships and in-house efforts, this project provides education to landscape professionals, public agencies, and home gardeners; promotes local compost and mulch vendors and producers; and works to create, support and enforce policies that increase the availability and use of quality compost and mulch.

## FY 16/17 ACCOMPLISHMENTS

- Trained approximately 550 public and private landscape professionals on the use of compost and mulch.
- Continued to develop one-day Water Efficient Landscape Ordinance (WELo) workshops, leveraging the requirements of the ordinance to educate landscape professionals and public agency staff about the use of compost and mulch. This model is now being replicated elsewhere in the state.
- Piloted the StopWaste Environmental Educator Training program (SWEET). This seven-week train-the-trainer program focused on sheet mulching in the fall, with participants organizing their own lawn-to-garden parties.
- Directly reached a projected 130 people through mini-grant funded and SWEET lawn parties, garden maintenance workshops in Alameda, Livermore, Oakland, San Leandro, and Union City.
- Through both Agency and member agency lawn parties, converted over 20,000 square feet of lawn, using 75 cubic yards of compost and 150 cubic yards of mulch. Diverted 40 tons of green waste from landfill and up to four tons per year, saving over 500,000 gallons of water per year.
- Expanded the number of sheet mulch supply vendors to 26 and provided five briefings and in-store displays to new vendors on sheet mulching and lawn rebates.
- Reached 2,400 students, family members, and residents directly and indirectly through ten Sheet Mulch Action Projects, the distribution of 300 Bay-Friendly Family Action Kits and surveys and schoolwide initiatives including posters, infrastructure support, brochures, flyers and newsletters.

## FY 17/18 ACTIVITIES

- Oversee carbon farming planning and implementation on Agency property.
- Monitor and engage in advocacy on state codes, regulations and policies relating to compost and mulch.
- Cultivate partnerships through participation in groups such as the California Organics Recycling Council (CORC), as well as sponsorships, grants and/or collaborations with other industry organizations and PG&E.
- Provide education on compost and mulch use to up to 500 public agency staff and landscape industry professionals through up to ten "Lunch and Learns" and three larger workshops.
- Conduct outreach to home gardeners on compost, mulch and sheet mulching, including in-person outreach, materials, and media buy promoting the Lawn to Garden website.
- Refine and maintain online resources for compost, mulch, sheet mulching and WELo compliance.

## PROJECT COST, FY17/18

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$180,500	\$259,804	\$440,304	0.97

## FUNDING SOURCE, FY17/18

<u>(21) Facilities</u>	<u>(34) RB Market Development</u>	<u>(24) Mitigation</u>
\$109,591	\$255,713	\$75,000

# **BAYREN (BAY REGIONAL ENERGY NETWORK)**

Project #: 001347

Project Manager: Karen Kho

## **DESCRIPTION**

The Bay Area Regional Energy Network is a collaboration between the Agency, ABAG and the other eight Bay Area counties to continue Energy Upgrade California activities, and launch new energy efficiency programs. Offers energy audits, rebates, technical assistance and contractor trainings. This is a multi-year project that is contracted through December 2017 and expected to be renewed in 2018.

## **FY 16/17 ACCOMPLISHMENTS**

- Implemented regional multifamily program, with average project energy savings of 15%. Provided incentives to 1,215 units in Alameda County and to a total of 5,000 in the Bay Area region.
- Co-financed two multifamily upgrade projects in Alameda County with regional lender Presidio Bank.
- Conducted multifamily outreach in Alameda County, including three property owner workshops and two direct mail campaigns.
- Conducted single family outreach throughout Alameda County, including five homeowner outreach events and ten Realtor/contractor events.
- Enrolled 16 new Home Energy Score assessors and provided quality assurance for 358 scores.
- Scheduled four local trainings on new energy code and promoted quarterly regional forums on green building and energy policy.
- Supported local governments in considering Residential Energy Assessment and Disclosure policies.

## **FY 17/18 ACTIVITIES**

- Facilitate participation in Codes & Standards trainings and host a regional forum.
- Serve as a liaison between BayREN and Alameda County water suppliers participating in the Pay-As-You-Save (PAYS) on-water bill financing program.
- Manage regional municipal Zero Net Energy (ZNE) technical assistance pilot.
- Conduct single family outreach throughout Alameda County.
- Manage the BayREN multi-family subprogram and financing pilot.
- Manage the Home Energy Score program and support local governments in the Bay Area.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$5,361,000	\$494,581	\$5,855,581	3.01

## **FUNDING SOURCE, FY17/18**

(40) Energy Council  
\$5,855,581

# **PG&E LOCAL GOVERNMENT PARTNERSHIP**

Project #: 001348

Project Manager: Heather Larson

## **DESCRIPTION**

Convenes the East Bay Energy Watch Strategic Advisory Committee (EBEW SAC), which is the advisory body of a two-county Local Government Partnership funded by PG&E. Supports strategic planning, tracks and provides updates on California Public Utility Commission and California Energy Commission regulatory activities, and administers stipends and pass-through funding to local governments. Helps ensure policy coordination, equitable resource allocation and communication among Alameda County local governments, and between Alameda and Contra Costa Counties.

Provides recommendations to the SAC on how to enrich programmatic offerings to small-medium businesses, municipalities and residential sectors operating in both Alameda and Contra Costa Counties. Identifies opportunities for Green Business Certification program to be leveraged with the small medium business energy incentive programs in both Alameda and Contra Costa Counties. Supports and delivers programmatic outreach.

## **FY 16/17 ACCOMPLISHMENTS**

- Administered East Bay Energy Watch Strategic Advisory Committee.
- Managed Strategic Energy Resource pilot programs.
- Issued local government stipends totaling \$72,500.
- Coordinated small commercial incentive programs with Green Business program.

## **FY 17/18 ACTIVITIES**

- Participate in CPUC and CEC regulatory proceedings.
- Convene East Bay Energy Watch Strategic Advisory Committee (EBEW SAC) of jurisdictions in Alameda and Contra Costa Counties.
- Execute agreements and administer pass-through funding from PG&E to local governments in Alameda and Contra Costa Counties.
- Coordinate PG&E programmatic activity with BayREN, Energy Council, Community Choice Energy Providers and ACWMA.
- Conduct strategic planning and provide technical oversight on pilot projects.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$450,000	\$129,386	\$579,386	0.74

## **FUNDING SOURCE, FY17/18**

(40) Energy Council  
\$579,386

# **ENERGY COUNCIL INCUBATOR**

Project #: 001349

Project Manager: Karen Kho

## **DESCRIPTION**

Covers proposal development expenses and pilot projects for Energy Council priority areas. Project is funded from the charge rate on hard costs that is being billed to external contracts and grants.

## **FY 16/17 ACCOMPLISHMENTS**

- Submitted proposals to the California Energy Commission to integrate grid solutions into local Climate Action Plans and to advance multifamily upgrades.
- Partnered with the Air District and other agencies to develop project concepts for fuel switching and grid solutions priority areas.
- Established a partnership with Green Cities California.

## **FY 17/18 ACTIVITIES**

- Convene a policy forum on fuel switching in partnership with Green Cities California.
- Support member agency Climate Action Plan updates.
- Coordinate pilots and proposals related to Energy Council priority areas.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$89,000	\$79,576	\$168,576	0.38

## **FUNDING SOURCE, FY17/18**

(40) Energy Council  
\$168,576

# **BUILDING SERVICES AND PARTNERSHIPS**

Project #: 001350

Project Manager: Miya Kitahara

## **DESCRIPTION**

Addresses the impacts of materials management by influencing the design, construction and maintenance of the built environment. Contributes to codes and standards development and technical advocacy efforts, in support of policy changes to increase use of recycled content and broader green criteria. Partners with building industry organizations to ensure that materials management issues are addressed in current research, rating systems and other market transformation tools. Provides technical and policy assistance to member agencies and supports local climate action planning and implementation.

## **FY 16/17 ACCOMPLISHMENTS**

- Assisted the cities of Hayward, Fremont, Piedmont, Albany, Emeryville, San Leandro, Union City and Livermore in developing climate adaptation measures for inclusion in their Hazard Mitigation, Climate Action, or General Plans.
- Issued scholarships to 11 member agencies.
- Established partnership with Ellen MacArthur Foundation.
- Initiated contract with Arup, a global design and engineering firm, to develop case studies of circular economy practices in the built environment.

## **FY 17/18 ACTIVITIES**

- Coordinate Energy Council Technical Advisory Group and prioritize policy issues.
- Develop consumption-based (waste prevention) measures to insert into Climate Action Plan updates.
- Develop Circular Economy pilot and built environment indicators with Ellen MacArthur Foundation.
- Maintain industry partnership with Build It Green and serve on Board.
- Monitor green building standards and establish and maintain key partnerships, including US Green Building Council.
- Provide Climate Adaptation planning assistance to three jurisdictions.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$112,500	\$200,751	\$313,251	0.75

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(32) RB Grant to Non Profit</u>
\$293,251	\$20,000

## **REVOLVING LOAN FUND**

Project #: 002030

Project Manager: Meri Soll

### **DESCRIPTION**

Since 1995, the RLF has distributed close to \$7 million in loan funding to 50 businesses. This “gap financing” was created to support small and medium sized businesses engaged in source reduction and recycling activities that divert waste from Alameda County landfills. The RLF program will sunset at the end of FY 16/17, due to lack of demand for funding. We will continue to service the current loan recipient until loan has been paid down, estimated to be completed 2021.

### **FY 16/17 ACCOMPLISHMENTS**

- Received and processed loan inquiries.
- Worked with current loan recipients to refinance loans.
- Monitored outstanding loan payments and deliverables.

### **FY 17/18 ACTIVITIES**

- Monitor SAFE-BIDCO’s reports regarding loan payments and progress.

### **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$5,000	\$8,030	\$13,030	0.03

### **FUNDING SOURCE, FY17/18**

(29) RB Revolving Loans

\$13,030



# **COMPETITIVE GRANTS**

Project #: 002040

Project Manager: Meri Soll

## **DESCRIPTION**

Provides funding for qualified organizations to implement programs with diversion impacts in Alameda County. Grants offered include:

Reuse Operating Grants - Up to \$15,000 to support ongoing reuse activities by non-profits.

Competitive Grants - \$15,000-\$65,000 to support one-time larger projects.

Mini-Grants - Up to \$5,000 to all types of businesses, municipalities, and non-profits for projects incorporating the 4Rs.

Charity Thrift Grants - Up to \$15,000 to thrift stores operating in Alameda County to offset the cost of illegal dumping at their facilities.

## **FY 16/17 ACCOMPLISHMENTS**

- Issued grant application for FY16/17 funding.
- Conducted outreach activities to solicit grant applicants.
- Completed site tours to potential grantees to assess capacity and alignment with program goals.
- Processed and managed 30 grant funding agreements for several different grant focus areas, ensuring deliverables and schedules were properly met.
- Anticipate distributing \$275,000 in grants by end of FY 16/17.

## **FY 17/18 ACTIVITIES**

- Promote grant program via mailing lists, grassroots outreach and social marketing websites.
- Award up to \$190,000 in grants. (Grants over \$50,000 are brought to the Recycling Board for approval; others are administered in-house.)
- Complete funding agreements with selected grant recipients.
- Monitor grant funding agreements to ensure deliverables are being met and on schedule. Visit applicants periodically.
- Bring selected grantees to the Recycling Board for periodic updates.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$194,000	\$102,502	\$296,502	0.38

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(32) RB Grant to Non Profit</u>
\$5,000	\$291,502

# **MANDATORY RECYCLING IMPLEMENTATION**

Project #: 002090

Project Manager: Rachel Balsley

## **DESCRIPTION**

Implements Mandatory Recycling Ordinance 2012-01 (MRO) in “opt-in” jurisdictions representing more than 90% of the county. Ordinance covers multi-family buildings with five or more units, commercial accounts, and direct haul/disposal at in-county transfer stations and landfills. Also implements WMA Ordinance 2008-01 (Plant Debris Landfill Ban) countywide. As of July, 2017, all but two member agencies will be fully-opted in to both Phase 1 and 2 of the Ordinance, covering both recyclables and organics.

## **FY 16/17 ACCOMPLISHMENTS**

- Conducted over 13,000 inspections of covered multi-family and commercial accounts for those opted in to Phases 1 and 2 of the Ordinance.
- Mailed ordinance notification and warning letters to covered account holders based on violations found during inspections, as well as general enforcement letters to other commercial accounts.
- Issued over 200 citations to covered account holders for violations found during inspections, with approval of jurisdictions’ representatives.
- Reached out to more than 1,000 commercial accounts with waste reduction and compliance technical assistance. Priority given to accounts requesting assistance or receiving enforcement letters.
- Provided assistance to multi-family properties implementing organics collection upon request.
- Continued outreach regarding Phase 2 requirements, including direct mail to newly covered accounts and those with new requirements as of July 1, 2017 or January 1, 2018 (Fremont, Newark, and Union City).

## **FY 17/18 ACTIVITIES**

- Conduct activities to enforce the MRO requirements, including conducting routine inspections and sending enforcement letters.
- Reach out to covered accounts, haulers, member agencies, chambers and associations regarding MRO requirements and support materials.
- Provide technical assistance to at least 800 businesses and multi-family properties to help them divert recyclables and organics and comply with the MRO.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$821,500	\$1,363,861	\$2,185,361	6.22

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(31) RB Discretionary</u>
\$218,536	\$1,966,825

# **CONSTRUCTION & DEMOLITION DEBRIS RECYCLING**

Project #: 002110

Project Manager: Meri Soll

## **DESCRIPTION**

Offers technical assistance to member agencies to support Construction & Demolition Debris (C&D) ordinance and code implementation, including incorporating Green Halo (a web based C&D tracking tool) into jurisdiction permitting systems. Acts as a liaison with member agencies and processing facilities to encourage third party certifications at mixed C&D facilities used by Alameda County contractors. Coordinates with local C&D facilities regarding diversion reporting. Provides technical assistance and outreach to the construction industry to increase jobsite recycling and deconstruction activities. Works with the building material reuse industry to promote reuse.

## **FY 16/17 ACCOMPLISHMENTS**

- Hosted C&D working group meetings to provide support to member agencies regarding new CALGreen building code C&D recycling requirements.
- Worked with regional entities and mixed C&D facilities to promote importance of a comprehensive third party facility certification program for the region.
- Developed incentive program for mixed C&D processing facilities to receive third party certification.
- Worked with jurisdictions to require use of third party certified facilities.

## **FY 17/18 ACTIVITIES**

- Host quarterly meetings for the C&D working group.
- Continue to work with member agencies to incorporate Green Halo tracking tool for third-party reporting relating to ordinance and building code compliance.
- Provide technical assistance and financial incentives to mixed C&D recycling facilities to become third party certified.
- Co-chair California Resource Recovery Association C&D Technical Council.
- Provide support to C&D industry regarding best practices and resources.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$5,500	\$135,405	\$140,905	0.42

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(31) RB Discretionary</u>
\$70,453	\$70,453

# **MEASURE D DISBURSEMENT**

Project #: 002220

Project Manager: Meri Soll

## **DESCRIPTION**

Provides appropriations from the Recycling Board's Measure D Fund to qualifying municipalities. As per County Charter requirements, 50 percent of fund revenues are disbursed quarterly to participating agencies based on population. Funds are designated for the continuation and expansion of municipal recycling programs.

## **FY 16/17 ACCOMPLISHMENTS**

- Disbursed funds in a timely manner.
- Received annual expenditure reports from all 16 member agencies.
- Implemented Recycling Board policy regarding adequate commercial recycling and municipal funding eligibility.
- Updated web page for member agency staff with all quarterly payment correspondence, Recycling Board policies, Annual Report forms and relevant reports and documents in one place.

## **FY 17/18 ACTIVITIES**

- Review Member Agency Annual Data Reports to determine compliance with Board standard for adequate commercial recycling program and determine funding eligibility of all participating member agencies.
- Solicit and receive Measure D Annual Expenditure reports from all participating agencies, and evaluate reports for compliance with eligibility, spending and fund accumulation policies adopted by the Recycling Board.
- Make all quarterly disbursements in a timely manner.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$4,433,442	Hours covered under Recycling Board Administration.	\$4,433,442	0.00

## **FUNDING SOURCE, FY17/18**

(27) RB Municipalities

\$4,433,442

# **USED OIL RECYCLING GRANT**

Project #: 002311

Project Manager: Robin Plutchok

## **DESCRIPTION**

Coordinates countywide media campaign to promote recycling and proper disposal of used motor oil and filters. Member agencies contribute a percentage of their CalRecycle Used Oil Block Grant funds towards a countywide effort. By working together, member agencies are able to provide consistent messaging, avoid duplication and leverage funding.

## **FY 16/17 ACCOMPLISHMENTS**

- Coordinated member agency working group to plan and implement campaign.
- Implemented countywide media campaign promoting recycling and proper disposal of used motor oil and filters with funds from member agency CalRecycle block grants.
- Coordinated efforts with Contra Costa County.
- Participated in regional Rider's Recycle program, promoting motor oil recycling to motorcycle riders.
- Increased web traffic during campaign period from an average of 150 visitors per month to over 8,000.

## **FY 17/18 ACTIVITIES**

- Implement countywide media campaign promoting used oil and filter recycling with funds contributed from member agency block grant funds.
- Coordinate with member agencies to ensure receipt of block grant contributions.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$155,000	Hours covered under General Agency Communications.	\$155,000	0.00

## **FUNDING SOURCE, FY17/18**

(22) Externally Funded

\$155,000

# **HOUSEHOLD HAZARDOUS WASTE FACILITIES**

Project #: 002312

Project Manager: Pat Cabrera

## **DESCRIPTION**

Provides administration of the Memorandum of Understanding (MOU) between the Authority and the Alameda County Department of Environmental Health and the City of Fremont for the operation of the countywide Household Hazardous Waste (HHW) and Small Quantity Generator Program, which includes drop-off facilities in Oakland, Hayward, Livermore and Fremont. Provides promotional and marketing support for the Countywide Household Hazardous Waste Program including facilities and one day events.

## **FY 16/17 ACCOMPLISHMENTS**

- Promoted program through mailers, website and phonebook and Google ads.
- Conducted outreach to underserved areas.
- In conjunction with member agencies, collected batteries from sites throughout Alameda County, typically libraries, city halls, fire stations and hardware stores.
- Worked with County Assessor to implement HHW fee on property taxes, and sent bills to property owners who are exempt from property taxes.
- Held six one-day collection events in six jurisdictions in Alameda County, serving 2,658 households.
- The Hayward facility was shut temporarily, due to water damage, and reopened in April. Apart from that, county-run facilities were open Thursday, Friday and Saturday except for holidays.

## **FY 17/18 ACTIVITIES**

- Increase participation in the program.
- Manage the legal and operational relationships with the four HHW facilities as per the terms of the MOUs.
- Continue to promote one-day events and expanded days and hours through online, traditional and social media and community based outreach.
- Ensure the timely delivery of data to the assessor's office for HHW fee to properly appear on property tax bills.
- Continue to partner with Our Water Our World and Paint Care to include HHW disposal messaging with their respective waste prevention messaging at retail outlets.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$6,360,208	\$160,998	\$6,521,206	0.50

## **FUNDING SOURCE, FY17/18**

(28) HHW Fees  
\$6,521,206

## **BUSINESS ASSISTANCE SUPPORTING ACTIVITIES**

Project #: 002420

Project Manager: Rachel Balsley

### **DESCRIPTION**

Provides indoor food scraps bins worth up to \$500 per site to businesses and multi-family properties through the Free Indoor Food Scraps Bin Program. Develops new diversion support materials for high organics-generating business sectors. Provides support for waste stream diversion infrastructure projects at public schools.

### **FY 16/17 ACCOMPLISHMENTS**

- Approved over 800 businesses and multi-family properties for free indoor food scrap bins.
- Began development of support materials specific to high organics-generating business sectors.
- Supported priority partner school districts with assistance or diversion infrastructure.

### **FY 17/18 ACTIVITIES**

- Continue the development of new tools for selected high-organics generating business sectors.
- Provide free indoor food scraps bins to eligible businesses and multi-family properties.
- Provide assistance and organics collection infrastructure support to public schools.

### **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$147,000	\$97,142	\$244,142	0.45

### **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(31) RB Discretionary</u>	<u>(24) Mitigation</u>
\$53,571	\$53,571	\$137,000

# **MISCELLANEOUS SMALL GRANTS ADMINISTRATION**

Project #: 003021

Project Manager: Patricia Cabrera

## **DESCRIPTION**

Allows for the expenditure of miscellaneous grants that are less than \$50,000. In 2010, the Authority Board adopted a policy that allows the Executive Director or designee to accept individual grants up to \$50,000 without Board approval. The policy also allows the Executive Director to expend up to the individual grant amount (not to exceed \$50,000) provided that an appropriation to expend miscellaneous grants is budgeted. This appropriation of \$300,000 is an estimate of what these smaller grants may total in the upcoming fiscal year, and will be adjusted in subsequent fiscal years as needed.

## **FY 16/17 ACCOMPLISHMENTS**

- No grants received in FY16/17.

## **FY 17/18 ACTIVITIES**

- Allocate grant funds as needed and report to the Authority Board as required by the policy.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$300,000	\$0	\$300,000	0.00

## **FUNDING SOURCE, FY17/18**

(22) Externally Funded

\$300,000

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# **PROPERTY MANAGEMENT**

Project #: 003210

Project Manager: Kelly Schoonmaker

## **DESCRIPTION**

Provides property management and oversight for Authority-owned property in the Altamont Hills in eastern Alameda County, including property maintenance, lease development, cattle grazing licensing, revenue collection and enhancement and other land-related activities with the objective of preserving the natural assets in public trust, generating revenue and managing risk.

## **FY 16/17 ACCOMPLISHMENTS**

- Maintained property and managed leases and cattle grazing licenses.
- Initiated lease renewals and new leases.
- Facilitated Conservation Easement Development.

## **FY 17/18 ACTIVITIES**

- Maintain property and manage lease and cattle grazing licenses.
- Through Project 1260 (Compost and Mulch), oversee carbon project planning and implementation on Agency property.
- Oversee conservation easement development on Parcel 6.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$65,000	\$119,728	\$184,728	0.39

## **FUNDING SOURCE, FY17/18**

(24) Mitigation

\$184,728

# **DISPOSAL REPORTING**

Project #: 003220

Project Manager: Nisha Patel

## **DESCRIPTION**

Monitors, analyzes and reports on amounts of material being landfilled, used as alternative daily cover (ADC) or diverted by Alameda County jurisdictions. Reports are provided on a timely basis to member agency jurisdictions that dispose of materials in Alameda County and other public agencies as required by law.

## **FY 16/17 ACCOMPLISHMENTS**

- Monitored, analyzed and reported on amounts of material being landfilled, used as ADC or diverted by Alameda County jurisdictions for the four quarters of calendar year 2016.
- Reviewed data with member agencies.
- Tracked issues and followed up with member agencies, disposal sites and CalRecycle as needed.
- Implemented new disposal data collection software.

## **FY 17/18 ACTIVITIES**

- Monitor implementation of AB901, which updates the disposal reporting system, requirements and state/local responsibilities.
- Assist member agency staff with CalRecycle related issues regarding disposal and diversion numbers, diversion programs and annual reports.
- Collect, compile, update and report on disposal, diversion and ADC trends. Ensure that data is accurate; identify and correct discrepancies.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$15,000	\$23,096	\$38,096	0.09

## **FUNDING SOURCE, FY17/18**

(21) Facilities  
\$38,096

# **TECHNICAL ADVISORY COMMITTEE**

Project #: 003230

Project Manager: Meghan Starkey

## **DESCRIPTION**

Provides staffing and coordination for the Technical Advisory Committee (TAC), comprised of staff from the Waste Management Authority's member agencies. Provides information to member agencies on franchise terms and contracts.

## **FY 16/17 ACCOMPLISHMENTS**

- Held monthly meetings of the TAC.
- Solicited input on implementation of Agency projects, including the reusable bag ordinance, mandatory recycling ordinance and benchmark report.
- Provided regular updates to TAC on agency programs of interest.

## **FY 17/18 ACTIVITIES**

- Provide regular updates to TAC on Agency programs of interest.
- Solicit input on major initiatives of the Agency, including implementation of new projects and realignment of existing projects under the Board adopted guiding principles.
- Facilitate monthly TAC meetings.
- Request input on implementation of ongoing projects, such as mandatory recycling, the Reusable Bag Ordinance and HHW Facilities.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$2,250	\$71,005	\$73,255	0.22

## **FUNDING SOURCE, FY17/18**

(21) Facilities

\$73,255

## **FEE ENFORCEMENT**

Project #: 003240

Project Manager: Todd High

### **DESCRIPTION**

Implements ACWMA Ordinance 2009-01 (Facility Fee) and other-fee related ACWMA ordinances.

### **FY 16/17 ACCOMPLISHMENTS**

- Processed reports and payments from haulers reporting tons from Alameda County that were disposed of in facilities outside of Alameda County.
- Conducted investigations and initiated enforcement against haulers not reporting or remitting Facility Fees.

### **FY 17/18 ACTIVITIES**

- Plan, budget, implement and manage ACWMA Ordinance 2009-01 so that there are no large, preventable gaps in revenue collection.
- Represent Authority on statutory fee authorization to regulated parties, government entities, law enforcement, district attorneys, legal counsels, CalRecycle or others as needed.

### **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$150,000	\$184,764	\$334,764	0.68

### **FUNDING SOURCE, FY17/18**

(21) Facilities

\$334,764

# **GENERAL PLANNING**

Project #: 003410

Project Manager: Justin Lehrer

## **DESCRIPTION**

Provides general planning function for the Agency, including strategic planning and priority-setting, as well as researching issues, developing positions on solid-waste related planning documents, responding to waste-related Environmental Impact Reports (EIRs), assisting with climate work related to solid waste, and providing planning assistance on other topics. Considers and makes recommendations on amendments to the Countywide Integrated Waste Management Plan (CoIWMP).

## **FY 16/17 ACCOMPLISHMENTS**

- Completed mid-point assessment of Agency's Strategic Workplan 2020 and priority setting process with staff and stakeholders, leading to adoption of guiding principles. These principles will inform programmatic focus areas for the next two years.
- Processed two CoIWMP amendments (Altamont and Davis St. facilities).
- Provided feedback to the Bay Area Air Quality Management District on their clean air plan.
- Prepared compost capacity update as per AB876 requirements.

## **FY 17/18 ACTIVITIES**

- Process applications for amendments to the CoIWMP in accordance with adopted procedures and legal requirements.
- Submit proposed amendments to the Authority Board for review and approval.
- Submit non-disposal facility element amendments to the Recycling Board for review.
- Provides general planning assistance to the Agency, including researching issues, responding to waste-related Environmental Impact Reports (EIRs), and providing planning assistance on other topics.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$15,000	\$57,358	\$72,358	0.18

## **FUNDING SOURCE, FY17/18**

<u>(21) Facilities</u>	<u>(24) Mitigation</u>
\$58,610	\$13,748

# **WASTE CHARACTERIZATION STUDY**

Project #: 003440

Project Manager: Meghan Starkey

## **DESCRIPTION**

Conducts studies to examine solid waste disposal in the county, including an understanding of generators and their behavior. Results will be used to evaluate progress of the less than 10% goal, guide existing programmatic efforts, and, to the extent possible, measure the impact of previously implemented waste reduction programs.

Updated waste studies respond to and track results of evolving local and countywide waste management programs and policies, improvements in diversion activities, new solid waste infrastructure, changes to recyclable/reusable materials markets, and changes in materials generated and discarded.

## **FY 16/17 ACCOMPLISHMENTS**

- Refined scope and methodology for cost effectiveness and alignment with Agency priorities.
- Requested input from member agency staff.
- Issued Request for Proposals and entered into an agreement with SCS Engineers to conduct the Waste Characterization Study 2017.
- Scheduled to begin field sampling in May, 2017.

## **FY 17/18 ACTIVITIES**

- Create and distribute final report on composition and quantities of the Alameda County Waste Stream. Focus both on general waste streams and specifically study MRFs to assess diversion and disposal.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$750	\$121,828	\$122,578	0.37

## **FUNDING SOURCE, FY17/18**

<u>(31) RB Discretionary</u>	<u>(32) RB Grant to Non Profit</u>
\$61,289	\$61,289

# **FIVE YEAR AUDIT**

Project #: 003460

Project Manager: Meri Soll

## **DESCRIPTION**

Oversees the development of a five-year financial, compliance and programmatic Recycling Board Audit, as per Measure D. Financial audit occurs in two phases (three years/two years intervals), while Program Audit is conducted separately, covering all five years. Audit covers both StopWaste and the member agencies. The current Program Audit underway in FY16/17 will include developing metrics to assist member agencies in measuring diversion progress over time, as well research on specific issues and topics relevant to current waste reduction efforts. Phase Two of the Financial and Compliance Audit, covering FY 14/15 and 15/16, will commence January 2017 and be completed in FY 17/18.

## **FY 16/17 ACCOMPLISHMENTS**

- Developed, distributed and reviewed responses to RFP for Five Year Program Audit.
- Selected HF&H Consultants and executed agreement.
- Managed both HF&H (programmatic audit) and Crowe Horwath contracts (financial audit) for adherence to schedule and budget.
- Coordinated with HF&H and Crowe Horwath to work with member agency staff.

## **FY 17/18 ACTIVITIES**

- Draft staff memos and present both final reports to the board.
- Review and comment on Five Year Audit Program report, circulate for comments.
- Review and comment on second Financial Audit, review reports and recommendations.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$0	\$48,294	\$48,294	0.16

## **FUNDING SOURCE, FY17/18**

(32) RB Grant to Non Profit

\$48,294

# **MEASUREMENT AND ANALYSIS**

Project #: 003480

Project Manager: Meghan Starkey

## **DESCRIPTION**

Provides ongoing measurement and analysis of progress towards Agency goals. This is a new project for FY17/18, building on the Board's priority setting process and incorporating some aspects of Project 2080 - Benchmark Data and Analysis. Project will identify and develop appropriate measures and/or indicators to assess progress towards Board approved interim goals, as well as inform program development.

## **FY 16/17 ACCOMPLISHMENTS**

Through Project 2080 - Benchmark Data and Analysis (now discontinued):

- Collected 1,800 single family, 500 multifamily and 800 commercial account samples, and provided data and analysis and metrics results for Benchmark Report.
- Provided sampling for the Fremont community based social marketing study in Fremont and the "less than weekly" garbage collection study in Castro Valley.

Through Project 3410 - General Planning, began development of indicators to measure progress of Board adopted priorities.

## **FY 17/18 ACTIVITIES**

- Work with member agencies to identify jurisdiction level data sources and gaps.
- Conduct telephone survey to assess Alameda County residents participation in, and attitudes toward, waste reduction and recycling.
- Review and assess existing data sources and determine relevancy for Agency use.
- Develop and refine data collection methods and analysis to measure progress towards Agency programs.
- Continue sampling garbage, recycling and composting streams, focusing on identifying and measuring food waste opportunities.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$86,500	\$168,668	\$255,168	0.53

## **FUNDING SOURCE, FY17/18**

(32) RB Grant to Non Profit  
\$255,168



# **GENERAL AGENCY COMMUNICATIONS**

Project #: 003510

Project Manager: Jeff Becerra

## **DESCRIPTION**

Provides general oversight, coordination and technical assistance to Agency in areas of public relations, advertising, customer research and communications. Includes broad audience resources such as websites, social media, customer service and the RecycleWhere online search tool.

## **FY 16/17 ACCOMPLISHMENTS**

- Responded to approximately 150 requests per month for recycling assistance via phone and email.
- Produced four electronic newsletters to keep stakeholders up to date on key Agency activities.
- Educated residents, businesses and schools with easy to understand waste reduction information via website, telephone hotline, and RecycleWhere online search tool.
- Recognized five businesses through the annual StopWaste Business Efficiency Awards.

## **FY 17/18 ACTIVITIES**

- Recognize outstanding businesses for their significant achievement in waste reduction.
- Educate residents, businesses and schools with easy to understand waste reduction information via website, telephone hotline, and RecycleWhere online search tool.
- Produce quarterly electronic newsletters to keep stakeholders up to date on key Agency activities.
- Expand reach of Agency programs through sponsorships.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$105,000	\$1,299,185	\$1,404,185	4.78

## **FUNDING SOURCE, FY17/18**

(21) Facilities  
\$1,404,185

## **LEGISLATION**

Project #: 003530

Project Manager: New Legislative Affairs Manager

### **DESCRIPTION**

Represents Agency priorities at local, state and federal levels. Monitors legislation, codes and administrative regulations affecting the Agency.

### **FY 16/17 ACCOMPLISHMENTS**

- Provided input on the development of regulations for SB 1383 and AB 901.
- Provided support for greenhouse gas reduction funding for CalRecycle and for organics processing infrastructure.
- Participated in the discussion around AB45 on household hazardous waste, and recommended EPR solution.
- Participated in California Product Stewardship Council discussions and efforts.

### **FY 17/18 ACTIVITIES**

- Monitor legislation impacting Agency priorities and activities, and advocate for changes in law and regulation that support Agency programs.
- Provide timely legislative updates to the Board, as per the agreed-upon schedule.
- Continue and expand working relationships with legislators and established state and/or national organizations such as California State Association of Counties, League of California Cities, California Product Stewardship Council, Californians Against Waste and others.
- Identify potential sources of governmental funding.

### **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$75,000	\$476,490	\$551,490	1.62

### **FUNDING SOURCE, FY17/18**

(21) Facilities  
\$551,490

# COMMUNITY BASED OUTREACH

Project #: 003570

Project Manager: Jeanne Nader

## DESCRIPTION

Provides consistent best practices training and oversight for the Agency's general outreach activities. Supports Agency's priorities (organics and upstream focus areas) in messaging about the entire food cycle to residential audiences, and identifies potential partners to extend StopWaste's messages to residents. Collects both quantitative and qualitative data on outreach activities and provides periodic reports to the Boards and stakeholders.

This is a new project for FY 17/18, which incorporates some activities previously undertaken in Project 2050 - Ready, Set, Recycle.

## FY 16/17 ACCOMPLISHMENTS

Through Project 2050 - Ready Set Recycle, partnered with 40 community organizations, with the following highlights.

- Awarded grants to seven community based organizations to promote food scrap composting, including a collaboration on three food scrap composting videos.
- Staffed outreach tables at 60 community events.
- Led 31 workshops and presentations.
- Piloted StopWaste Environmental Educator Training (SWEET), graduating all 15 educators. Each educator conducted a lawn party and will continue working with StopWaste on sheet mulch, food waste and other topics.
- Sponsored three murals: Emeryville Center for Community Life, American High and Mission San Jose in Fremont.

## FY 17/18 ACTIVITIES

- Identify opportunities for external training on organics content and community outreach.
- Evaluate community outreach strategies and make improvements as needed.
- Develop, schedule and implement comprehensive outreach training for frontline staff that includes best practices, messaging and leadership skills.
- Collect qualitative and quantitative data on community outreach and provide regular reports to Board and stakeholders.
- Coordinate and implement countywide community outreach to support organics projects and upstream priorities.
- Identify community partners for outreach grants and manage contracts.

## PROJECT COST, FY17/18

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$100,000	\$612,874	\$712,874	3.64

## FUNDING SOURCE, FY17/18

(21) Facilities

\$712,874

# **SCHOOLS BASED COMMUNITY OUTREACH**

Project #: 003580

Project Manager: Angelina Vergara

## **DESCRIPTION**

Educates students in waste reduction behaviors, and supports their actions and influence on behaviors at school, at home, and in their community. This project provides education to students, parent communities, teachers, school leaders, school district staff, and environmental education partners.

Merges components from several previous projects: Transfer Station Tours (2020), Recycled Content & Mulch Bay-Friendly Student Action Project (2060), Food Waste Reduction Student Action Project Pilot (1220), and Ready Set Recycle's 4Rs Student Action Project (4Rs SAP) and StopWaste Ambassador Program (SWAP) (2050).

## **FY 16/17 ACCOMPLISHMENTS**

- Won two statewide awards: the 2016 Governor's Environmental and Economic Leadership Award for Environmental Education and the 2016 California Resource Recovery Association's Awardee for the Next Generation Recycler Award.
- Partnered with Cal Athletics on the campus Zero Waste initiative contributing to UC Berkeley winning the 2017 Pac-12 Zero Waste Challenge.
- Provided 238 educational tours promoting 4Rs behaviors at home and at school to 8,400 students and 1,800 teachers and chaperones.
- 4Rs Student Action Project- Elementary/Middle
- Reached 8,700 students, family members, and residents directly and indirectly through schoolwide organics recycling action projects.
- Reached 2,400 students, family members, and residents directly and indirectly through ten Sheet Mulch Action Projects.
- Developed and supported plate-waste studies and schools-based education in food waste reduction.
- 12,000 students and teachers participated in the middle and high school service learning program.

## **FY 17/18 ACTIVITIES**

- Manage and coordinate all schools-related outreach activities under one project.
- Collect qualitative and quantitative data on schools-based community outreach and report to stakeholders.
- Provide 200 educational tours to classrooms at two transfer station education centers.
- Oversee hiring, training and supervise schools associates for K-12 schools.
- Provide waste reduction educational classroom programs and technical assistance to schools based partners.
- Develop, oversee and evaluate strategic plan for schools based community outreach.
- Coordinate school community lawn-to-garden parties, which will also serve as train the trainer events.

## **PROJECT COST, FY17/18**

<u>Hard Costs</u>	<u>Labor Plus Overhead Costs</u>	<u>Total Cost</u>	<u>FTEs</u>
\$301,000	\$1,023,040	\$1,324,040	7.29

## **FUNDING SOURCE, FY17/18**

(21) Facilities  
\$1,324,040





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**Date:** April 26, 2017

**TO:** Waste Management Authority

**FROM:** Wendy Sommer, Executive Director

**BY:** Debra Kaufman, Senior Program Manager

**SUBJECT:** Legislative Positions for 2017

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**SUMMARY:**

This is the first year of the 2017/2018 legislative session and through our contract lobbyist we are tracking several bills that are in different stages of the legislative process. The report below recommends positions on these bills.

**DISCUSSION:**

In November, 2016, the Waste Management Authority Board approved two legislative priorities for 2017: extended producer responsibility and organics legislation and regulation. Below is a list of bills, organized by topic category, with a brief description, recommended position, current status, and a link to the bill language. The bills need to pass out of their house of origin by June 2nd. September 15 is the last day for each house to pass bills on to the Governor. We will return to the WMA in June with a status update on these bills.

## Extended Producer Responsibility

### **AB 1158 (Chu) Carpet Recycling**

Because the carpet industry stewardship organization (CARE) has had difficulty implementing the program well and because of the challenging market and difficulties in product management, this bill will establish an advisory committee for program improvements.

Position: Support

Sponsor/Support: California Product Stewardship Council (CPSC) and others

Status: Assembly Floor

Bill link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1158](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1158)

### **SB 212 (HB Jackson) Medical Waste**

Defines “home-generated pharmaceutical waste” as a prescription or over-the-counter human or veterinary home-generated pharmaceutical waste. This bill contains spot language now but is intended to be the vehicle for pharmaceutical EPR.

Position: Support

Sponsor/support: CPSC

Status: Senate Floor

Bill link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB212](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB212)

## Organics/Composting/Food Recovery/Compost Market Development

### **AB 1036 (McCarty) Organic infrastructure development**

Main vehicle to expand directive on CalEPA, CDFA and CARB to coordinate and facilitate permitting or organic recycling/compost infrastructure. Follows up on AB 1045 (Eggman) from 2015.

Position: Support

Sponsor: Californians Against Waste (CAW)

Status: Assembly NR

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1036](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1036)

### **AB 954 (Chu) Food Labeling**

Requires Cal Dept of Public Health and Cal Dept of Food and Agriculture to publish guidelines to encourage industry adoption of uniform date label standards in an effort to reduce wasted food. In February, this year the Grocery Manufacturing Association and Food Marketing Institute launched a voluntary labelling program to limit food labels to two: BEST IF USED BY (quality/freshness) and USE BY (safety/perishability).

Position: Support

Sponsor: CAW

Status: Assembly NR

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB954](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB954)

### **AB 1219 (Eggman) Food donations – expansion of Good Samaritan Law**

Expands federal Good Samaritan Law which provides limited liability protection to donors of food to include gleaners. Directs local health regulators to include language in inspection reports to promote donations by retail food facilities.

Position: Support

Sponsor: CAW

Status: Assembly Appropriations

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1219](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1219)

### **SB 557 (Hernandez) School food donations**

Will exempt current prohibition of donating school food to students unless done through a non-profit organization. Allows students to take certain non-potentially hazardous (PHF) food after school meals have been served. Local Environmental Health departments have asked that the bill be amended to limit donation of potentially hazardous foods.

Position: Support

Status: Senate Health

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB557](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB557)

### **SB 780 (Wiener) Water Conservation in Landscaping Act**

**Still a work in progress but intended to:** Authorize CalRecycle to promote the application of compost in urban areas of the state to assist with projects that follow the watershed approach to landscaping and, in coordination with the Department of Water Resources, to develop and implement pilot projects that support the understanding and deployment of compost to meet specified goals. Also develops a greenhouse gas emissions reduction factor for new climate appropriate landscapes.

Position: Support

Status: Senate EQ

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB780](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB780)

### **AB 920: (Aguiar-Curry) California Renewables Portfolio Standard inclusion for Biomass**

Attempts to help the biomass industry, which is a significant market for wood waste from Construction & Demolition (C&D) operations, qualify for the renewable energy portfolio which would make the industry more financially viable.



Position: Support

Status: Assembly Utilities and Energy Committee

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB920](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB920)

**AB 655: (O'Donnell) California Renewables Portfolio Standard inclusion for incineration of garbage.**

Position: Oppose

Status: Assembly Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB655](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB655)

## Packaging

**AB 319 (Stone) Single Use plastic beverage container lids**

This is the "leash the lid" bill that will require all single use plastic bottles to tether the lid to the bottle to prevent litter, marine debris and injury to seabirds and, fish and mammals. Plastic bottle cap lids are one of the top marine debris/litter items collected in coastal clean-ups and clog municipal stormwater drains.

Position: Support

Status: Asm. Nat Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB319](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB319)

**AB 567 (Quirk-Silva) Water Bottle refills at schools**

Requires school to provide a water bottle refill station at all water fountains. This would promote water consumption vs. sugary beverages and reduce single-use plastic bottle wastage and litter. Cost to schools likely to kill bill or make it more voluntary/goal, not a mandate.

Position: Support

Status: Asm. Education

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB567](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB567)

**AB 958 (Ting) Ban of Fluorinated Chemicals in Take- out food**

Will ban take-out food containers containing fluorinated chemicals. No date for compliance set yet.

Position: Support

Status: Assembly Environmental Safety and Toxic Materials

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB958](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB958)

**AB 1287 (Acosta) Plastic product marketing claims**

Extends indefinitely law requirement to ensure truth in advertising around recycled content of plastic food containers. May be spot industry bill.

Position: Watch

Status: Assembly Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1287](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1287)

**AB 1294 (Berman) Plastic product marketing claims**

Substantively the same as AB 1287 - extends until 2028 the current law requirement to ensure truth in advertising around recycled content of plastic food containers.

Position: Watch

Status: Assembly Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1294](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1294)

**AB 1594 (Bloom) OPC to make recommendations on reduction of ocean plastic pollution**

One of the three plastic/polystyrene take-out or single use reduction/ban bills (Senator Allen's SB 705 and Asm. Low's 1659 are other bills). This bill calls for another study which may undermine SB 705 or provide help for AB 1659 – the plastic industry bill.

Position: Oppose unless amended to impose ban or mirror SB 705

Status: Assembly Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1594](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1594)

**AB 1659 (Low) Food Service Plastic Packaging Recovery and Recycling**

Industry sponsored proposal to counter any ban on single-use plastic/polystyrene food service items. Proposes a recycling program with voluntary goals and voluntary CalRecycle regulations. Will undermine efforts to ban/phase out these items.

Position: Oppose

Sponsor: Plastics industry

Status: Assembly Committee on Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1659](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1659)

**SB 705 (Allen) Disposable Food Service Containers – restrictions on polystyrene**

Stronger version on effort to ban/phase out plastic and polystyrene single-use food containers. Modeled after Santa Monica ordinance. Not absolute ban.

Position: Support

Sponsors: Clean Water Action

Status: Senate EQ

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB705](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB705)

**Bottle Bills**

**SB 168 (Wieckowski) CA Beverage Container Recycling and Litter Reduction Act.**

This bill seeks to change the bottle bill to a producer run system, but without the important elements that a successful bottle bill needs to make it highly successful. While some of the elements of this bill are certainly worthwhile such as including wine and spirits, many important elements are missing which is likely to lead to a lower recovery rate for containers statewide. Producer run bottle bills in other states, lacking the proper consumer incentives and infrastructure, have experienced significantly lower beverage container recovery rates than California has.

While we support and prioritize effective extended producer responsibility bills, without the proper incentives, specified responsibilities and infrastructure, such bills can and have faltered.

Position: Oppose unless amended to include CAW amendments which would maintain current incentives, responsibilities and infrastructure needed for high recovery rates.

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180SB168](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180SB168)

Other bottle bills, for which we propose a watch position include:

AB 178 (Eggman) CA Beverage Container Recycling and Litter Reduction Act

AB 1417 (Cunningham) CA Beverage Container Recycling and Litter Reduction Act

AB 1522 (Limon) CA Beverage Container Recycling and Litter Reduction Act

AB 1579 (Daly) CA Beverage Container Recycling and Litter Reduction Act

SB 60 (Glazer) Beverage containers recycling convenience zones

**Materials Flow/Franchise/Enforcement/Fees**

**AB 1147 (Salas) Solid Waste management enforcement**

Waste hauling/management industry bill to expand existing penalties for unauthorized removal of recyclables to unauthorized removal of solid waste. Exempts those without vehicles. Attempts to reduce collections of recyclables and solid waste by unauthorized/illegal operations.

Position: Watch

Sponsor: Waste hauling industry

Status: Assembly NR

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1147](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1147)

**AB 1288 (Eggman) Solid Waste disposal fees**

This bill would require the department (CalRecycle), in adopting regulations to reduce organic waste in landfills, required in SB 1383, to conduct at least one public workshop to discuss funding strategies for new and expanded organic waste reduction infrastructure, including, but not limited to, existing public and private funding models and opportunities for new statewide funding sources.

Position: Support

Status: Asm. NR

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1288](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1288)

**AB 1572 (Aguiar-Curry) AB 939 Biennial Reviews by CalRecycle.** Extends CalRecycle's ability to review annual reports every two or four years.

Position: Watch

Sponsor: CalRecycle

Status:

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB1572](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1572)

**Additional Bills of Interest**

**AB 262 (Bonta) GHG disclosure for state contracts**

Would require a bidder for certain state contracts to complete a standard form that states the cumulative amount of specified greenhouse gas emissions that were produced in the material extraction and processing, transport to the manufacturing site, and the manufacturing of eligible materials. The bill significantly advances material transparency and accountability.

Position: Support

Sponsor: Sierra Club

Status: Assembly Natural Resources

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB262](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB262)

**AB 509 (Frazier) Tire Recycling Program**

AB 509 will direct CalRecycle to develop an incentive payment program that pays directly for recycling, which in turn will allow recyclers to outcompete other end-of-life alternatives.

Position: Support

Sponsor: CAW

Status: Asm. NR

Link: [http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill\\_id=201720180AB509](http://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB509)

**RECOMMENDATION:**

Staff recommends that the Board adopt the positions recommended for the Agency for the 2017 session of the California Legislature.

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**May 2017**  
**Meetings Schedule**

**Alameda County Waste Management Authority, The Energy Council, & Source Reduction and Recycling Board**

(Meetings are held at StopWaste Offices unless otherwise noted)

SUN	MON	TUES	WED	THURS	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	<b>11</b>  <b>9:00 AM</b> <b>Programs</b> <b>&amp;</b> <b>Administration Committee</b> <b>CANCELLED</b> <hr/> <b>7:00 PM</b> <b>Planning &amp; Organization</b> <b>Committee and</b> <b>Recycling Board</b> <b>Castro Valley Library</b> 1. CVSan Less Than Weekly Residential Garbage Collection Pilot – Report 2. 2016 Benchmark Data Collection – Information 3. Reusable Bags Expansion Ordinance - Update	12	13
14	15	16	17	18	19	20
21	22	23	<b>24</b>  <b>3:00 PM</b> <b>Waste Management</b> <b>Authority &amp; Energy Council</b> <b>Key Items:</b> 1. Adopt FY 17/18 Budget	25	26	27
28	<b>29</b>  <b>AGENCY</b> <b>HOLIDAY</b>	30	31			

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**COLLECTION AND TRANSFER > PUBLIC AGENCIES**

## How San Jose, Calif., Tackled Cleanup Duties in Flood-Ravaged Neighborhoods

*By working with a local hauler, San Jose was able to clean up quickly after a flood disaster.*

Cheryl McMullen | Mar 20, 2017

During what was the rainiest winter in two decades for Silicon Valley, a massive water surge from the largest reservoir in Santa Clara County poured into Coyote Creek on Feb. 21, 2017, flooding three significant areas of the city of San Jose, Calif.

Raging waters poured into neighborhoods forcing the mandatory evacuation of 14,000 residents. Approximately 22,000 more residents were advised to leave their homes as well. The flood waters ravaged neighborhoods causing an estimated \$50 million in private property damage, \$23 million in public property damage and leaving in its wake nearly \$1 million in cleanup costs.

As it turns out, an emergency services contract with GreenWaste Recovery Inc., inked in addition to the exclusive daily residential yard waste contract in San Jose, paved the way for swift action.

“We had emergency services schedule of services and fees in our agreement with GreenWaste already, we just had never used them before, says” Jo Zientek

deputy director of San Jose’s Environmental Services Department (ESD).

Emergency personnel asked that the city wait three days to start cleanup so emergency equipment could be used, she says. “But we were ready to go and already had the equipment and the provisions already in the contract to do it immediately.”

“I was surprised when I talked to our contact in FEMA, that it wasn’t that common for cities to have those emergency services provisions in their contracts,” she adds. “He was surprised that we had it.”

It was helpful to have it all nailed down and ready, she says.

Not all haulers are capable of providing both everyday pickup and emergency services simultaneously, which may be why many jurisdictions forgo these



emergency contracts, says Emily Finn, GreenWaste's director of business development and communications.

"In our case, fortunately, we had the equipment and the drop boxes, the claw loaders the rear loaders and have been able to provide those services," Finn says. "So I think the combination of us having the availability to pull equipment from other areas, combined with the city having us under contract is what enabled us to be ready to deploy the very next day."

Although San Jose-based GreenWaste couldn't know to what degree certain types of equipment would be needed, it was ready with everything from 40-cubic-yard bins, to rear loaders and compactors, and with what would turn out to be the game changer for the emergency cleanup, its custom built yard waste tractor known as "the claw."

Because San Jose has a fairly unique loose, in the street yard waste collection program, the company custom built the tractors to fit the collection.

The tractor is fitted with a front claw that opens and closes parallel with the ground. The claw has a scoop in the bottom. The tractor approaches yard waste, opens the claw right to left, and then closes the claw on the yard waste and picks it up. Each claw loader is paired with a rear loader. After each scoop it dumps into the rear loader, the claw is empty again and ready to collect more yard waste.

"It proved absolutely instrumental in the flood cleanup because of ease of use and not having to require anyone to manually handle the materials," says Finn.

The claw loaders allow a certain finesse in handling the materials that a bucket loader doesn't. Operators can close the claw around materials and lift

them off the ground. With a bucket loader, material inevitably gets pushed away from the tractor, she says. It also works in tight areas and handles everything from construction debris, personal property, furniture and the flood-soaked waste.



“The drivers of the claw loaders are kind of like surgeons,” adds Finn. “They can extract yard trimming between two cars without touching the cars or the curb that you wouldn’t think you could do with a rake. They are very, very talented, so the demand for the claw loaders went up significantly.”

The neighborhoods impacted by flooding were as varied as their needs for services. Because Rock Springs, which is largely comprised of apartments, was under mandatory evacuation, planning was especially difficult. Residents unable to return home for days after the floods couldn’t take advantage of debris removal services. Others couldn’t be home because of work schedules or because they were temporarily staying outside of the city.

Some neighborhoods were largely non-English speaking, which sometimes slowed communications.

Fine tuning daily resources and communicating with residents and with other city departments—like the Department of Planning, Building and Code Enforcement that organized volunteers and oversaw distribution of bins and equipment—was a necessity. Zientek says staff did a lot of knocking on doors the night before letting residents know when and where to put materials out for service. It meant being very flexible, she says.



“And that’s where the emergency contract helped us because we were able to try something in the morning and literally if it didn’t work try something different at night,” she says.

ESD also worked to dispose of household hazardous waste following the floods. Fortunately, because hazardous waste often is included with illegally

dumped items, in July, ESD formed a four-person Illegal Dumping Rapid Response Team made up of workers certified for handling hazardous waste.

“So when the flood came, we actually were able to handle most of the hazardous waste,” Zientek says. “We collected about 63,000 pounds just in these neighborhoods. We were able to do that in house because I just happened to have this internal resource that we had just brought on and trained just nine months ago. So that was also very helpful because the hazardous household waste had to be collected parallel to everything else.”

In total through March 13, GreenWaste filled 378 40-yard debris bins at more than 500 housing units that were damaged, using as many as 11 claw loaders per day. As of last week, the city collected 1,466.98 tons of debris and hauled it to the Newby Island Landfill.

As of Monday, the total items removed were: nearly 6,000 gallons of paint, oil, flammables and miscellaneous liquid toxics and more than 20,000 pounds of solid toxics, including batteries, e-waste and fluorescent tubes.

Cleanup is coming to a close and heading toward the construction and demolition phase of the work, says Zientek. Residents will be working with any of 27 C&D contractors around the city who are ready to do the work, she says.

Though original cleanup estimates were as high as \$3 million, Zientek says it is more likely to end up costing less than \$1 million. The city is collecting cost information and submitting it through emergency management reimbursement channels to the state.

“We are planning on most of it getting covered” she says.





**Source URL:** <http://www.waste360.com/public-agencies/how-san-jose-calif-tackled-cleanup-duties-flood-ravaged-neighborhoods>

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## RESOURCE RECYCLING

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### RR Exclusive: Waste Management builds trash-sorting MRF near Oakland (<https://resource-recycling.com/recycling/2017/04/18/rr-exclusive-waste-management-builds-trash-sorting-mrf-near-oakland/>)

Posted on April 18, 2017 (<https://resource-recycling.com/recycling/2017/04/18/rr-exclusive-waste-management-builds-trash-sorting-mrf-near-oakland/>)

by Colin Staub (<https://resource-recycling.com/recycling/author/colinstaub/>)

An organics-focused operation in California estimated to cost more than \$120 million will extract recoverable material from municipal solid waste. But it's not aimed at replacing curbside recycling and compost collection.

"It does not replace, it does not promote, it is not an alternative to source separation," Shawn Tackitt of Waste Management told the board of the Alameda County Waste Management Authority (WMA) [at a hearing in February](https://youtu.be/sQSeomkylvg) (<https://youtu.be/sQSeomkylvg>). "We've been very clear about that. Source separation is our priority."

#### Dubbed the 'O-MRF'

While [a number](https://resource-recycling.com/recycling/2016/10/11/details-emerge-on-financial-woes-of-alabama-mixed-waste-effort/) (<https://resource-recycling.com/recycling/2016/10/11/details-emerge-on-financial-woes-of-alabama-mixed-waste-effort/>) of recent [mixed-waste](https://resource-recycling.com/recycling/2014/07/15/houston-mulls-mixed-waste-processing-options/) (<https://resource-recycling.com/recycling/2014/07/15/houston-mulls-mixed-waste-processing-options/>) proposals [strived](https://resource-recycling.com/recycling/2016/02/25/court-nixes-mixed-waste-contract-in-indy/) (<https://resource-recycling.com/recycling/2016/02/25/court-nixes-mixed-waste-contract-in-indy/>) to allow residents to put recyclables, organics and trash together in one receptacle at the curb, the Waste Management operation is being framed as a last defense to recover materials that were not properly diverted by residents in local programs.

The organics materials recovery facility, or "O-MRF" as it's being called, is being built at the 53-acre Davis Street Transfer Station in San Leandro, Calif., a city adjacent to Oakland, Calif.

Waste Management, operator of the Davis Street Transfer Station, plans to begin operating the new equipment early next year. Waste Management, a publicly traded firm that is the largest U.S. recycling processor, is also planning composting and digesting facilities at the site.

According to [project documents](http://www.stopwaste.org/sites/default/files/meeting/Davis%20Street%20coiwpmp%20amendment%20second%20reading%20march.pdf) (<http://www.stopwaste.org/sites/default/files/meeting/Davis%20Street%20coiwpmp%20amendment%20second%20reading%20march.pdf>), the 62,000-square-foot sortation facility will be able to process 100 tons of municipal solid waste (MSW) per hour and will handle all 150,000 tons per year of MSW generated by Oakland.

It is projected to extract about 60,000 tons of organics and 31,000 tons of recyclables per year, which equates to diverting 61 percent of the garbage stream from landfill. Alameda County documents described the processing line as a "complex system of screens and optical sorting."

Waste Management spokeswoman Karen Stern told Resource Recycling the facility is working its way through the permitting phase and noted the company believes the operation will be the first of its kind in the country.

Stern said the company estimates the first two phases of project – the O-MRF and the adjacent composting facility – will cost more than \$120 million. That figure takes into account equipment, property, labor, permitting and engineering costs, Stern said. The project is expected to be rolled out in three separate phases.

Waste Management has applied to the [California Alternative Energy and Advanced Transportation Financing Authority](https://resource-recycling.com/recycling/2015/09/15/california-legislature-passes-sales-tax-exemption-recycling-equipment/) (<https://resource-recycling.com/recycling/2015/09/15/california-legislature-passes-sales-tax-exemption-recycling-equipment/>) for the site, applying for a tax exemption on a portion of the project costs.

According to documents from state agency CalRecycle, the O-MRF is currently under construction and is anticipated to be fully operational by the first quarter of 2018.

#### Spurred by contract specifics

When the O-MRF went before the WMA Board in February for inclusion in regional waste management planning, officials were careful to draw distinctions between the Davis Street facility and other garbage-sorting plants that have attracted the ire of recycling advocates who feel that the strategy reduces the value of recyclable materials.



Construction progress on Waste Management's Alameda County facility as of February 2017. Photo credit: CalRecycle

Resource Recycling

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"The difference between this organics MRF and a 'dirty MRF' is that a dirty MRF replaces source separation services," Debra Kaufman, senior program manager with Alameda County, said at the meeting. "This facility is intended to augment source-separated organics programs with source separation continuing to be a focus for outreach."

The project was spurred by a recent [contract](http://www2.oaklandnet.com/oakca1/groups/ceda/documents/pressrelease/oak053767.pdf) (<http://www2.oaklandnet.com/oakca1/groups/ceda/documents/pressrelease/oak053767.pdf>) between Oakland, the county's largest city, and Waste Management, Kaufman said. Oakland has robust recycling programs, with mandatory recycling and source separation requirements for multi-family and commercial properties. Standard single-stream recyclable materials are collected weekly by California Waste Solutions, and Waste Management handles weekly trash and compost collection. But the city's contract with Waste Management, enacted in 2015, requires further processing of trash before it goes to landfill in order to meet high diversion goals.

California has pushed for aggressive diversion targets in recent years, goals which have been tied to larger climate change issues. Metropolitan areas have often responded by boosting their own local diversion targets.

"Oakland's intent was to get the highest possible diversion rates, and they felt they couldn't entirely rely on customer participation to yield those very high diversion rates," Kaufman said.

She added that Oakland will not allow multi-family properties to claim the new facility fulfills their obligation to provide recycling and organics collection service to their residents.

"These facilities that we're talking about today will separate and process organics that remain in the trash that are not source separated because they're not placed in the proper organics bin by customers," Kaufman reiterated.

## Will residents relax their efforts?

Tackitt, a regional Waste Management director of operations, said he's been working on the project since 2008. He noted that if the goal really was to replace source separation, the facility would have to be at least 10 times bigger, and it's not economically practical.

Still, a board member asked what would happen when the word gets out about the O-MRF among the public, noting that it could lead some residents to slack off in their recycling separation diligence. Tackitt said Waste Management has not heavily publicized the project for that reason, explaining the company views the facility as a municipal tool.

"We've been very private about it," he said.

Depending on other municipalities' interest, the O-MRF may expand up to a capacity of 300,000 tons per year, according to project documents.

After separation, the recovered organics will be moved to the composting and digesting facilities adjacent to the O-MRF. Recovered recyclables, including plastics, glass and metals, will be sent offsite to be recycled, according to project documents.

The composting facilities are planned to have a 1,000-ton-per-day capacity, and a maximum annual throughput of 205,000 tons. They are slated to begin operating in late 2018, according to the county's [waste management plan](http://www.stopwaste.org/sites/default/files/ColWMP%20update%202017%20Final%201.pdf) (<http://www.stopwaste.org/sites/default/files/ColWMP%20update%202017%20Final%201.pdf>).



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