

Waste Management Authority (WMA) and
Energy Council (EC) Members

Jennifer West, **WMA President**
Emeryville, WMA, EC
Pauline Cutter, **WMA 1st Vice President, EC President**,
San Leandro, WMA, EC
Jerry Pentin, **WMA 2nd Vice President**
Pleasanton, WMA
Dan Kalb, **EC 1st Vice President**
Oakland, WMA, EC
Greg Jones, **EC 2nd Vice President**
Hayward, WMA, EC
Keith Carson, Alameda County, WMA, EC
Lena Tam, Alameda, WMA, EC
Peter Maass, Albany, WMA, EC
Gordon Wozniak, Berkeley, WMA, EC
Dave Sadoff, Castro Valley Sanitary District, WMA
Don Biddle, Dublin, WMA, EC
Anu Natarajan, Fremont, WMA, EC
Laureen Turner, Livermore, WMA
Luis Freitas, Newark, WMA, EC
Laython Landis, Oro Loma Sanitary District, WMA
Tim Rood, Piedmont, WMA, EC
Lorrian Ellis, Union City, WMA, EC

AGENDA

**MEETING OF THE
ALAMEDA COUNTY WASTE MANAGEMENT
AUTHORITY (WMA) BOARD
AND
THE ENERGY COUNCIL (EC)**

Wednesday, November 19, 2014

3:00 P.M.

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

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 (WMA & EC)

II. ROLL CALL (WMA & EC)

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

Page **IV. CONSENT CALENDAR (WMA & EC)**

- | | | |
|---|---|--------------------|
| 1 | 1. Approval of the Draft Minutes of October 22, 2014 (WMA & EC, separate Votes) (Gary Wolff & Wendy Sommer) | Action |
| 5 | 2. Minutes of the October 21, 2014 Technical Advisory Group (TAG) (EC only) (Gary Wolff, Wendy Sommer & Karen Kho) | Information |
| 9 | 3. Grants Under \$50,000 (WMA only) (Gary Wolff & Wendy Sommer) | Information |

V. OPEN PUBLIC DISCUSSION (WMA & EC)

An opportunity is provided for any member of the public wishing to speak on any matter within the jurisdiction of the board or council, but not listed on the agenda. Total time limit of 30 minutes with each speaker limited to three minutes.

VI. REGULAR CALENDAR (WMA & EC)

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|----|--|---------------|
| 13 | 1. Emergency Authorization Related to the "15 Mile Rule" (WMA only) (Gary Wolff)
Adopt the Resolution attached. | Action |
| 19 | 2. Legislative, Regulatory, and Policy Priorities for 2015-16 (WMA only) (Gary Wolff, Wendy Sommer, Debra Kaufman & Wes Sullens)
Staff recommends that the Boards confirm the three legislative/regulatory | Action |

priorities identified in the staff report for the upcoming legislative session.

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|----|--|--------------------|
| 25 | 3. Prop 84 Drought Round Grant Acceptance - Resolution (WMA only)
(Gary Wolff, Wendy Sommer & Karen Kho)
Adopt the Resolution attached. | Action |
| 31 | 4. 2015 BayREN Contract Authorization - Resolution (EC only)
(Gary Wolff, Wendy Sommer & Karen Kho)
Adopt the Resolution attached. | Action |
| 35 | 5. Mid-Year Budget Adjustments (WMA & EC, separate votes)
(Gary Wolff, Pat Cabrera & Gina Peters)
Staff recommends that the Authority Board at its November 19, 2014 meeting adopt the proposed mid-year budget revisions as they pertain to the Authority Board's operations and as outlined in the attached resolution (Attachment A). Staff recommends that the Energy Council at its November 19, 2014 meeting adopt the proposed mid-year revisions as they pertain to the Energy Council and as outlined in the attached resolution (Attachment B). Staff further recommends that the Recycling Board at its December 11, 2014 adopt the proposed mid-year budget revisions as they pertain to Recycling Board operations and as outlined in the attached resolution (Attachment C). | Action |
| 63 | 6. WMA Vacancies on the Recycling Board (WMA only) (Gary Wolff)
Make appointments to the Recycling Board. | Action |
| | 7. Interim appointment(s) to the Recycling Board for WMA appointee unable to attend future Board Meeting(s) (WMA only) (Gary Wolff)
(P&O and Recycling Board meeting, December 11th at 4:00 pm - StopWaste Offices, 1537 Webster St., Oakland, CA) | Action |
| 65 | 8. 2015 Meeting Schedule (WMA & EC) (Gary Wolff & Wendy Sommer)
Adopt the meeting schedule for 2015. | Action |
| 69 | 9. Water-Energy Grant Application Authorization - Resolution (EC only)
(Gary Wolff, Wendy Sommer & Karen Kho)
Adopt the Resolution attached. | Action |
| 73 | 10. LEED-EB Certification of StopWaste Headquarters (WMA & EC)
(Gary Wolff & Wes Sullens)
This item is for information only. | Information |
| | VII. COMMUNICATIONS/MEMBER COMMENTS (WMA & EC)
Acknowledgements of Service (Gary Wolff)
(Anu Natarajan, Lena Tam, Jennifer West & Gordon Wozniak) | Information |
| | VIII. ADJOURNMENT (WMA & EC) | |

DRAFT

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

Wednesday, October 22, 2014

3:00 p.m.

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

I. CALL TO ORDER

President West, WMA, called the meeting to order at 3:00 p.m.

II. ROLL CALL

WMA & EC

City of Albany	Peter Maass
County of Alameda	Keith Carson
City of Berkeley	Gordon Wozniak
Castro Valley Sanitary District	Dave Sadoff (left 3:30 p.m.)
City of Dublin	Don Biddle
City of Emeryville	Jennifer West
City of Fremont	Anu Natarajan
City of Hayward	Greg Jones
City of Newark	Luis Freitas
City of Oakland	Dan Kalb
Oro Loma Sanitary District	Laython Landis
City of Piedmont	Tim Rood
City of Pleasanton	Jerry Pentin (left 3:30 p.m.)
City of San Leandro	Pauline Cutter
City of Union City	Lorin Ellis

Absent:

City of Alameda	Lena Tam
City of Livermore	Laureen Turner

Staff Participating:

Gary Wolff, Executive Director
Meri Soll, Senior Program Manager
Karen Kho, Senior Program Manager
Richard Taylor, Counsel, Authority Board
Arliss Dunn, Clerk of the Board

Others Participating:

Arthur Boone,, Former Recycling Board member
Evan Edgar, Edgar and Associates

III. ANNOUNCEMENTS BY THE PRESIDENTS

President West announced that this is the final WMA Board meeting for Board member Natarajan and thanked her for her years of service. Board member Natarajan expressed appreciation for being a part of a regional effort and commended staff on a great job pushing various issues forward.

IV. CONSENT CALENDAR (WMA, EC & RB)

- | | |
|---|--------------------|
| 1. Approval of the Draft Joint Minutes of September 17, 2014 (WMA & EC-Separate Votes) (Gary Wolff & Wendy Sommer) | Action |
| 2. Legislative Status for 2014 (WMA only) (Gary Wolff, Wendy Sommer & Debra Kaufman) | Action |
| 3. Minutes of the September 16, 2014 Technical Advisory Group (TAG) (EC only) (Gary Wolff, Wendy Sommer & Karen Kho) | Information |
| 4. Grants Under \$50,000 (WMA only) (Gary Wolff) | Information |

Board member Cutter made the motion to approve the Consent Calendar for the WMA Board. Board member Landis seconded and the motion carried 15-0 (Kalb, Tam and Turner absent).

Later in the meeting, Board member Natarajan made the motion to approve the Consent Calendar for the Energy Council. Board member Ellis seconded and the motion carried 17-0 (Tam absent).

V. OPEN PUBLIC DISCUSSION (WMA & EC)

Arthur Boone, former Recycling Board Member, commented on the State's inaction on a definition of a reusable bag and encouraged the Board to address this issue with respect to our reusable bag ordinance. Mr. Boone stated that he had written a letter to Deborah Raphael, Director, SF Dept of the Environment, informing her that Alameda County has a specific section in the 1990 Charter prohibiting the incineration of waste in Alameda County. Mr. Boone added he encourages researching how to properly dispose of pharmaceuticals. Mr. Boone's final comment related to the waste contract for the City of Oakland. Evan Edgar, Engineer, California Compost Coalition, commented on the passing of AB 1594 (Williams) ADC and AB 1826 (Chesbro) Commercial Organic Waste Recycling and commended the agency for its support.

VI. REGULAR CALENDAR (WMA & EC)

- | | |
|--|---------------|
| 1. Reusable Bag Ordinance 2012-2: Process for Potential Expansion (WMA only) (Gary Wolff, Wendy Sommer & Meri Soll) | Action |
|--|---------------|
- Staff recommends that the WMA Board adopt the proposed schedule and deliverables identified in the staff report as the process to be followed for consideration of expansion of Ordinance 2012-2.

Mr. Wolff provided a brief overview of the staff report. The report is available here:
<http://www.stopwaste.org/docs/10-22-14-Bag-packet.pdf>

Board member Wozniak inquired if there is data that shows the percentage of bags in the county deriving from small stores and restaurants. Mr. Wolff stated the data does not currently exist but it would really be useful to have. Staff will continue to research this information and hopefully the Storm water program will be able to provide this information. Board member Natarajan asked for clarification on the ability of cities to be able to adopt their own ordinance under the existing EIR. Mr. Wolff affirmed that cities can adopt their own ordinance and expand in whatever manner they prefer.

Board member Landis made the motion to approve the staff recommendation. Board member Cutter seconded and the motion carried 18-0 (Tam and Turner absent).

Special note: Board member Cutter noted that the standing agenda item to appoint an interim appointment to the Recycling Board was absent from the agenda. Board member Pentin stated that he required an interim appointment for the November 13th meeting. Mr. Wolff apologized for the omission and stated that the Board is unable to take action on the item as it is absent from the agenda. Mr. Wolff assured Board member Pentin that his seat on the Recycling Board is safe as his attendance record has no absences.

2. Update on Commercial Sector and Water-Energy Nexus Priority Areas (EC only) (Gary Wolff, Wendy Sommer & Karen Kho)	Action
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This item is for information only.

Karen Kho provided an overview of the staff report and a powerpoint presentation. The report is available here: <http://www.stopwaste.org/sites/default/files/Documents/October%20Program%20Update.pdf>. The presentation is available here:

<http://www.stopwaste.org/sites/default/files/Board%20Presentation%2010.22.14.pdf>.

Board member Wozniak commented that some of the parks in Berkeley have old irrigation systems which lead to leaks and significant water loss, and suspects that other cities experience this issue as well. Ms. Kho agreed that leaks are an issue of concern. Board member Natarajan commended staff on the approach and the priorities especially partnering with manufacturing. Ms. Natarajan indicated with respect to the \$75 million in cap and trade revenue, CalEPA does not have a clear definition of a disadvantaged community (DAC), and it appears that most of the funding will be targeted towards Southern California. Ms. Kho stated there are pockets in Emeryville, Oakland, San Leandro, and Union City designated as DACs and the grant is structured that 75% of benefit accruing to DACs can be defined by staff in the grant proposal.

Board member Cutter inquired if the program can assist municipalities with aging water line infrastructure. Ms. Kho affirmed and asked for a contact person at the city.

Board member Cutter thanked Ms. Kho for her presentation.

VII. COMMUNICATIONS/MEMBER COMMENTS (WMA/EC)

Board member Wozniak commented that he has solar panels on his home and when the power grid goes down you are unable to use the power generated by the panels. He asked the Energy Council to look into this. Mr. Wolff stated that he understands that the law requires that for the safety of the workers, decentralized power disconnect from the grid while the workers are trying to bring the system back online, and a separate battery is required to keep the system operating. Mr. Wolff stated there may be other measures and we will look into it.

Mr. Wolff presented Board member Natarajan with a recycled content glass tray and reusable cloth bag for her service on the WMA Board.

VIII. ADJOURNMENT (WMA/EC)

The meeting adjourned at 3:35 p.m.

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Energy Council
TECHNICAL ADVISORY GROUP (TAG)

Tuesday, October 21 2014 – 1:00 pm to 3:00 pm

Attendance:

County of Alameda: Albert Lopez, Damien Gosset

City of Albany: Claire Griffing

City of Berkeley: Billi Romain

City of Dublin: Kathy Southern

City of Hayward: Corrine Ferreyra

City of Piedmont: Kevin Jackson

City of Oakland: Shayna Hirshfield-Gold

City of Alameda: Maria DiMeglio (phone)

City of Fremont: Rachel DiFranco (phone)

City of Livermore: Judy Erlandson (phone)

City of Newark: Myvan Khuu-Seeman (phone)

StopWaste: Karen Kho, Heather Larson, Miya Kitahara, Stephanie Stern

MEETING SUMMARY

CCA Update

- Albert Lopez from Alameda County provided an update that County staff went back to the Transportation and Planning subcommittee in October to reaffirm that they want to put resources towards CCA.
- The County received letters back from all of the cities authorizing them to pull load data.
- The County drafted 8 guiding principles for the CCA, including keeping rates competitive, achieving a renewable portfolio equal or better than PG&E, and meeting GHG goals.
- They are hiring a consultant to analyze the load data and help form a stakeholder committee. This is a small contract, and they will be hiring a consultant for a larger contract later.

Board Updates

- At the Oct 22 Energy Council Board meeting there will be an informational item on water-energy projects and an update on the Climate Action Plan (CAP) Implementation project.

Clear Path Training Debrief

- StopWaste hosted a SEEC training on the Clear Path tool on Monday. The tool has a lot of components in it, including inventory, forecasting, planning etc.

- Consensus of the TAG member who attended was that the training was overwhelming and they would like to start by getting their inventory data into the tool, and then going from there to perhaps use the other features.
- Cities that are also ICLEI members will get some one-on-one support from ICLEI.
- Many cities were interested in having some regional or multi-city coordination, and perhaps hiring CivicSpark interns to help with the inventory.

BayREN 2015 Budget

- The CPUC issued their final decision last week. Generally, programs received an annualized amount for 2015, based on the 2013-14 budgets. The decision did not deal with code baseline issue at all, and the tone was fairly negative towards the RENs, in part because they were judged on 2013 outcomes.
- BayREN 2015 Program Budgets:
 - Multifamily: received the full allocation, which is an increase over the annualized amount due to evidence that there is a pipeline of projects. About \$6 million was approved.
 - The program design is not changing and the pipeline of project may already subscribe 2015 rebates.
 - Codes and Standards: the budget was reduced below annualized because the judge interpreted a number of the pilots as outside of the original approved scope. ABAG submitted clarifying comments that these were not new activities, but the final decision did not reinstate the funding.
 - They will continue PROP visits, trainings and forums; these have been well-received and well attended. In 2016, there is a desire to convert this into a resource program, which was the original proposal.
 - Single-family: the budget was reduced substantially. It appears that there might have been some errors in the calculation; BayREN submitted clarifying comments, but Final Decision may have included the reduced amount, which would leave the program \$1 million below the annualized original budget.
 - To date, the Single Family regional media efforts have not helped drive upgrades. It drove home upgrade advisor contacts, but these didn't convert into many jobs. This part of the budget has been cut for 2015 other than maintaining a website. Contractors have been the main driver for the program, more resources will likely be dedicated to contractor outreach to grow the pool of active contractors and support them. There is general satisfaction with the Home Upgrade Advisor service, and BayREN will try to maintain it if budget allows.
- EM&V for the RENs: The CPUC hired Opinion Dynamics with a small budget to look at the structure and decision-making, what value the RENs bring and tradeoffs of different approaches. They will interview participants in the Home Upgrade Advisor.
- BayREN is tightening up its decision-making structures to increase accountability and transparency. In November there will be elections for program leads and the administrator (currently served by ABAG). These positions will be periodically be voted on by the coordinating committee (comprised of one rep from each county and ABAG).

Home Energy Analyzer Update

- The San Leandro Energy Challenge launched this month, so there is a good uptick of HEA sign ups.
- StopWaste partnered with Home Energy Analytics to apply to the Center for Sustainable Energy RFP for a statewide tool, hoping to continue a Home Energy Analyzer-type program. There is an online demo on Friday.

DWR Water Energy Grant

- DWR has finalized their guidelines for a water-energy grant; they have \$19 million in funding for up to \$2.5 million awards for infrastructure projects.
- The guidelines reference the CalEnviroscreen which defines disadvantaged communities; at least 75% of the benefits of projects in the application need to be in these areas.
- Heather is looking for identify specific projects in a few sectors (commercial kitchens, multifamily, municipal, and schools) that have opportunities for energy-water measure (especially pools, showers, landscaping, and indoor plumbing).
- If TAG members have ideas for projects in these sectors (e.g. in schools, municipal buildings), they should contact Heather.
- Staff will be meeting with the Alameda County Water Suppliers Council at the end of October as well.
- Municipal projects
 - The grant will be awarded March/April, so projects should be ready to install next summer ideally. The grant is due in December, so looking for letters of commitments by then.
 - Heather will send around the list of measures/zip codes to TAG and a description to send around to solicit projects.

MEMBER COMMENTS

- Kevin asked if anyone was applying for the California State Coastal Conservancy's Climate Ready Grant Announcement - Round 3:
http://scc.ca.gov/webmaster/pdfs/Climate_Ready_Announcement3.pdf

NEXT TAG MEETING: Tuesday, November 18, 2014 from 1pm-3pm

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Date: November 6, 2014

TO: Authority & Recycling Board

FROM: Wendy Sommer, Deputy Executive Director

SUBJECT: Informational Report on Grants Issued Under ED Signature Authority

General Mini-grant and board agendas by giving the Executive Director authority to sign contracts and grant agreements less than \$50,000. A condition of the new grant policy is that staff inform Board members of the small grants issued at the next regularly scheduled Board meeting.

Grants – October 15, 2014 - November 15, 2014

Project Name	Grant Recipient	Project Type/Description	Location	Verification	Grant Amount	Board
Community Outreach Grants	Tri City Volunteers	Non-profit grant funds to promote food scrap recycling to difficult to reach audiences (low-income, non-English speaking communities). Grantee to utilize Agency outreach materials to reach communities using their networks and social media.	Fremont	Final Report	\$5,000	RB
Community Outreach Grants	Oakland Warthogs Youth Program	Non-profit grant funds to promote food scrap recycling to difficult to reach audiences (low-income, non-English speaking communities). Grantee to utilize Agency outreach materials to reach communities using their networks and social media	Oakland	Final Report	\$5,000	RB

Project Name	Grant Recipient	Project Type/Description	Location	Verification	Grant Amount	Board
Community Outreach Grant	Dublin Partners for Education	Non-profit grant funds to promote food scrap recycling to difficult to reach audiences (low-income, non-English speaking communities). Grantee to utilize Agency outreach materials to reach communities using their networks and social media	Dublin	Final Report	\$5,000	RB
Community Outreach Grants	Local Ecology Action Fremont (LEAF)	Non-profit grant funds to promote food scrap recycling to difficult to reach audiences (low-income, non-English speaking communities). Grantee to utilize Agency outreach materials to reach communities using their networks and social media	Fremont	Final Report	\$5,000	RB
Grocery Rescue Program	Alameda County Community Food Bank	Funding will support expansion of the Food Bank's <i>Grocery Rescue Program: Recovering Food to Feed Hungry People in Alameda County</i> by increasing food donation by 50% (1,800,000 pounds annually) and increasing Retail Store Donation Program participation by more than 70%. The Grocery Rescue Program connects Alameda County member agencies in need of food with neighborhood grocery stores who can offer donated food items directly to the member agency.	Food donation locations and recipients throughout Alameda County		\$20,000	RB
Expanding Food Rescue to Feed the Hungry	Hope 4 the Heart	Funding will support Hope 4 the Heart's work in receiving surplus food and product donations from regional companies including Safeway, Peet's	Food donation locations throughout Alameda County. Food recipients-		\$20,000	RB

Coffee & Tea, local bakeries, Trader Joes, catering companies, etc. and distributing millions of pounds of food to food-insecure families through 100 Bay Area organizations and directly to individuals and families from the Cherryland neighborhood. Hope 4 the Heart will use this grant funding to support the operational expenses of their expanded food distribution program by supplementing transportation and warehouse operating costs to reach more than 550,000 people during the duration of the grant including expanded distribution of emergency food boxes to local low-income individuals and families.	Cherryland neighborhood, Hayward
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November 13, 2014

TO: Waste Management Authority

FROM: Gary Wolff, Executive Director

SUBJECT: Emergency Authorization Related to the "15 Mile Rule"

BACKGROUND:

I was informed last month by Supervisor Miley's staff that Waste Management of Alameda County (WMAC) has stated in writing that they will stop collecting solid waste from about 260 residences located in the "canyonlands" east of Castro Valley effective January 1, 2015. WMAC collects from those residences on an 'open market' basis; that is, they provide service for a fee if a customer is willing to pay that fee. The decision to stop collection in that area was reportedly made after many customers objected to a significant fee increase by WMAC.

When I was informed of this situation, concern was expressed that the "15 mile rule" in our County Integrated Waste Management Plan (CIWMP) might prevent other service providers from collecting solid waste from those residences, potentially leading to illegal dumping, backyard burning, or other environmentally harmful activities. Since the purpose of the 15 mile rule (described below) is to help implement Objective 4.5 of the CIWMP ("To mitigate the environmental impacts of existing and new landfills to the maximum practical extent"), I was asked if an amendment or waiver of the rule would be appropriate or feasible.

The 15 mile rule is 'shorthand' for Policy 4.5.2 of the CIWMP, which reads: "Except under emergency conditions as determined by the Authority, solid waste that is collected by municipal or franchised collectors and hauled more than 15 miles from the point of collection to the landfill, must be transported in vehicles carrying a minimum payload of 14 tons." The policy includes an exemption when "in the reasonable discretion of the Authority, waste is transported in clean air/clean fuels vehicles ..." The policy does not apply to self-hauled solid waste (e.g., a resident who transports their own solid waste to a transfer station, landfill, or other legal disposal location). Most residents of the canyonlands, however, reportedly do NOT self-haul their solid waste at present.

I was subsequently informed that WMAC might continue to provide service until March 31, 2015, but that a written commitment to that effect has not yet been obtained. The Castro Valley Municipal Advisory Committee (MAC) is meeting to discuss this topic with the affected community on November 17th. In the interim, after discussion with the Authority's general counsel, I offered to prepare a resolution for the Authority Board to consider delegating some powers to me in the short-term, such that I could act as necessary to prevent Policy 4.5.2 from contributing to, rather than mitigating, environmental impacts.

In the longer-term, the County and CVSan (the Castro Valley Sanitary District) are cooperating to perhaps annex the 'canyonlands' into CVSan, so that solid waste service could be provided in a more efficient and orderly manner. Three memos on this topic (two from CVSan, and one from the County) are available at: <http://www.stopwaste.org/sites/default/files/canyons%20solid%20waste%20CVMACstaffreport%2011-17->

[14 0.pdf, http://www.stopwaste.org/sites/default/files/CVSDFinalv2CanyonlandsAnnexNegDec-IS090720.pdf](http://www.stopwaste.org/sites/default/files/CVSDFinalv2CanyonlandsAnnexNegDec-IS090720.pdf), and [http://www.stopwaste.org/sites/default/files/Memo%20to%20GM%20Survey%20Results 2014-11-05 0.pdf](http://www.stopwaste.org/sites/default/files/Memo%20to%20GM%20Survey%20Results%202014-11-05%200.pdf).

DISCUSSION:

Policy 4.5.2 clearly anticipated that it might need to be suspended under emergency conditions, and gave the Authority broad power to define those conditions. Given that decisions may need to be made during the holidays, or between regularly scheduled Board meetings early next year, it seems prudent to define emergency conditions in this situation, and to authorize action by the Executive Director should those conditions occur.

Lack of availability of solid waste collection service often leads to illegal dumping or other environmentally harmful activities, and in fact some of the residents of the area have said in writing in response to a survey about annexation conducted by CVSan that they will or may engage in one or more of those activities if solid waste collection service is not available to them. Lack of availability of solid waste collection service in the canyonlands, should it occur, would be an emergency condition, in the opinion of staff.

Of course WMAC might decide to continue to provide service, or another company might offer to provide service consistent with Policy 4.5.2. But in the event that another company is willing to provide solid waste collection service at acceptable prices but with direct haul to a landfill more than 15 miles from the average point of collection, and they do not have clean air collection vehicles available, the Policy could dissuade that company from actually providing solid waste collection service, which in turn would likely lead to the environmental harms described above.

Consequently, staff proposes that the Board authorize the Executive Director to make a finding of conformance with ColWMP Policy 4.5.2. temporarily (that is, during the emergency) should doing so be necessary to ensure availability of commercial solid waste collection service in the canyonlands. Some reasonable conditions for a temporary finding of conformance could include:

- Any conditions in a finding of conformance be agreed to in writing by the company or companies to which it applies.
- Service will be provided in accordance with all applicable federal, state, and local laws and regulations. For example, state vehicle registration and safety and sanitation laws and regulations apply to hauling vehicles over a certain size, and to their owners and operators.
- Any company proposing to provide service without clean air vehicles must demonstrate to the satisfaction of the Executive Director that using such vehicles is not feasible in the immediate, short-term time frame. (Since 'clean air vehicle' is not defined in the Policy, but is subject to the reasonable discretion of the Authority, staff also suggests that Board authorize the Executive Director to temporarily (that is, during the emergency) define clean air vehicle.)
- Any temporary finding of conformance granted by the Executive Director shall extend no later than December 31, 2016. It seems possible to craft a long-term solution in that time frame, based on discussions with County and CVSan staff, and if not, staff believes that the Authority Board and public should be engaged in any further decision-making with respect to Policy 4.5.2.

There may be other conditions the Authority Board thinks are appropriate to impose. A Resolution defining an emergency condition in the canyonlands for the purpose of Policy 4.5.2 is attached. The Resolution also

authorizes the Executive Director to temporarily define clean air vehicles and to make temporary findings of conformance with Policy 4.5.2, subject to the four conditions listed above.

It is also possible that Policy 4.5.2 is not restrictive with respect to solid waste collection in the canyonlands. Staff has just received a list of residential addresses within the canyonlands area. We will evaluate those addresses to see if the average point of collection is in fact more than 15 miles from one or both of the two closest landfills (Vasco Road, owned by Republic; and Altamont, owned by WMAC). It is possible that direct haul from the canyonlands to one or both of those landfills would not violate the policy. No one has yet done a thorough, detailed calculation of the haul distance involved. If the haul distance seems to be 15 miles or less, staff will bring our calculation to the Board (and public) for review, and provide the Board an opportunity to revoke the Resolution attached.

RECOMMENDATION:

Adopt the Resolution attached.

**WASTE MANAGEMENT AUTHORITY
RESOLUTION #WMA 2014 –**

**MOVED:
SECONDED:**

AT THE MEETING HELD NOVEMBER 19, 2014

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO TEMPORARILY DEFINE CLEAN AIR VEHICLES
AND MAKE TEMPORARY FINDINGS OF CONFORMANCE WITH COUNTY INTEGRATED WASTE
MANAGEMENT PLAN (COIWMP) POLICY 4.5.2.**

WHEREAS, residences within the 'canyonlands' area of unincorporated Alameda County, located east of the Castro Valley Sanitary District, could possibly have no or limited availability of solid waste collection service as soon as January 1, 2015, and

WHEREAS, lack of availability of solid waste collection service often leads to illegal dumping or other environmentally harmful activities, and in fact some of the residents of the area have said in writing in response to a survey about annexation conducted by CVSan that they will or may engage in one or more of those activities if solid waste collection service is not available to them; and

WHEREAS, Policy 4.5.2 of the CoIWMP reads: "Except under emergency conditions as determined by the Authority, solid waste that is collected by municipal or franchised collectors and hauled more than 15 miles from the point of collection to the landfill, must be transported in vehicles carrying a minimum payload of 14 tons." The policy includes an exemption when "in the reasonable discretion of the Authority, waste is transported in clean air/clean fuels vehicles ..."; and

WHEREAS, in the event that a solid waste collection company is willing to provide solid waste collection service at acceptable prices in the canyonlands area but with direct haul to a landfill more than 15 miles from the average point of collection, and they do not have clean air collection vehicles available, Policy 4.5.2. could dissuade that company from actually providing solid waste collection service, which in turn would likely lead to the environmental harms described above; and

WHEREAS, the County of Alameda and the Castro Valley Sanitary District (CVSan) and others are working diligently to obtain solid waste collection service in the canyonlands; and

WHEREAS, finding that solid waste collection service is not available to residents in the canyonlands constitutes an emergency condition under Policy 4.5.2, and authorizing the Executive Director to take the actions listed below would mitigate adverse environmental impacts of the emergency situation;

NOW THEREFORE, BE IT RESOLVED, that the Authority hereby finds that lack of availability of solid waste collection service in the Canyonlands would constitute an emergency condition under Policy 4.5.2, and authorizes the Executive Director to:

1. Make temporary findings of conformance with Policy 4.5.2. should doing so be necessary to ensure availability of solid waste collection service in the Canyonlands. Such findings, however, shall include the following conditions:

- The temporary finding of conformance is not valid unless accepted in writing by the company or companies to which it applies, and
 - The company or companies receiving the temporary finding of conformance agree to provide solid waste collection service in accordance with all applicable federal, state, and local laws and regulations, and
 - Any company or companies proposing to provide service without clean air vehicles must demonstrate to the satisfaction of the Executive Director that using such vehicles is not feasible during the time period covered by the temporary finding of conformance, and
 - Any temporary finding of conformance granted by the Executive Director shall extend no later than December 31, 2016.
2. Define clean air vehicles if necessary to make a temporary finding of conformance with Policy 4.5.2., but for no longer than the duration of the temporary finding of conformance.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAINED:

Gary Wolff, PE, PhD
Executive Director

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November 7, 2014

TO: Waste Management Authority

FROM: Gary Wolff, Executive Director
Wendy Sommer, Deputy Executive Director

BY: Debra Kaufman, Senior Program Manager
Wes Sullens, Program Manager

SUBJECT: Legislative, Regulatory, and Policy Priorities for 2015-16

BACKGROUND:

The 2013-2014 regular session of the California Legislature has adjourned. As directed by the Waste Management Authority, StopWaste pursued Extended Producer Responsibility (EPR), organics processing, and strengthening green building codes as the priority areas for the 2014 legislative year.

While advocating at the state level is important, we have been told by numerous partners that one of the most important things we do to help at the state level is to demonstrate through local ordinances and actions how various approaches can be successful. Our Agency bag ordinance, mandatory recycling ordinance and landfill ban on plant debris and cardboard have positively influenced similar activities at the state level and helped to drive new laws forward. The County of Alameda's Pharmaceutical resolution has also provided a model for the state and other local jurisdictions that are starting to follow the County's lead in the area of EPR for pharmaceuticals, in the absence of a state law. We will continue to help drive state efforts by effectively implementing our own ordinances and providing regulatory input to the state as needed on the new laws in these areas.

StopWaste works in Sacramento to support its priorities and protect against legislation or regulations that would be detrimental to the agency. Staff prioritizes its time analyzing and working closely with partner organizations to support or oppose those bills that have the greatest potential to impact our waste reduction goals. This typically amounts to 3-5 priority bills each legislative session with additional monitoring of 10-20 bills.

The Agency's lobbyist, Justin Malan, advocates our positions on a daily basis in the legislature. Staff provides testimony on the Agency's position for priority bills on an as-needed basis, and sends letters on all bills that we support and oppose to the author and local legislators. In addition to advocating legislative positions through our lobbyist, we also advocate for policies and regulations that support our mission within the purview of California regulatory agencies (e.g., CalRecycle, the California Air Resources Board, etc).

Each year, at about this time, the Agency picks a few priority legislative/regulatory areas to focus on in the coming legislative session. These are subject areas that Agency staff and our lobbyist devote more time and attention to, as needed. This could come in the form of additional letters of support to committee members, recruiting support from other government agencies and organizations for certain bills, testifying at hearings, proposing changes to regulations and working more closely with a bill's sponsors or an Agency's regulators.

DISCUSSION:

In the 2013-2014 legislative session, the majority of bills the Agency tracked (eighteen) fell into the following 7 broad categories (see <http://www.stopwaste.org/sites/default/files/Documents/Leg%20mem%202014%20update.pdf> for the October 2014 memo which provided status of these bills):

- Extended producer responsibility
- Green buildings and construction
- Single use bags and containers
- Cap and trade revenues (ensuring some funds for recycling and composting activities)
- Recycling market development
- Organics processing
- Governance (anything that would make it easier or harder for the Agency or its member agencies to implement our strategic goals)

Of the above 7 categories, we are proposing to keep two legislative priorities from last year and add a new one:

- Extended Producer Responsibility
- Green buildings and construction (via the Cal Green Code update)
- Improving the state's disposal reporting system.

Bills and/or relevant regulations that fall into categories outside these three priorities would continue to be monitored, with input and positions on them recommended as appropriate. And while bills and regulations that support and don't hinder increased organics processing will continue to be high on our radar and important, the passage of two important organics bills this last legislative session allows this topic area to be lower on our list of priorities for the upcoming year.

The following provides more detail for the three proposed priorities.

1. Extended Producer Responsibility: Support for EPR as a mechanism to deal with problem products continues to grow. For StopWaste, EPR has the potential to reduce the recently adopted residential fee associated with the financial costs of managing hazardous products that are processed via the four in-County Household Hazardous Waste facilities. We would support any EPR proposal that would actually reduce financial burden locally.
2. Disposal Reporting System: There is significant concern from our staff, our member agency staff and staff of other jurisdiction's solid waste divisions and JPAs about the accuracy of information received through the state's disposal reporting system. Specifically, jurisdiction of origin, material type, and even reported weights, are known to be inaccurate in at least some cases. For example, in 2013 some tons were inappropriately assigned to some of our member agencies, negatively impacting their measures of success. StopWaste staff has begun discussions with Cal Recycle staff

and other government agencies about this problem and ways to address it. Making this a priority for our Agency will allow us to put more resources into finding solutions. More accurate reporting will lead to more accurate diversion accounting for our member agencies, better planning for increased diversion in the future, increased compliance with local franchises and municipal codes, and more efficient and equitable fee collection (including many fees, such as franchise fees, that do not accrue to our agency).

3. CALGreen Code 2016 Update: The triennial update to California's entire statewide building code has begun and will go through an 18-month process. Within CALGreen (Part 11 of the Title 24 building code), StopWaste will advocate for practical, cost effective, implementable measures that support the Agency's mission and priorities as set forth in the Countywide Integrated Waste Management Plan. Advocacy ideas include but are not limited to: raising the minimum required C&D recycling rate from 50 to 65%; requiring recycled compost and mulch in landscapes in order to promote quality soils, water conservation and less waste; requiring a percentage of new building materials to include recycled content; requiring space for organics recycling in new multifamily and commercial buildings; recycling universal waste in construction projects; and avoidance of invasive plants in newly constructed landscapes. More details about these proposed improvements are included in Attachment A.

In both legislative and regulatory work, we collaborate with multiple partners, recognizing that we are much more likely to be successful when joining coalitions rather than acting on our own. The Agency works most closely with Californians Against Waste and the California Product Stewardship Council (CPSC), providing financial support to both. CAW expects 2015 legislative priorities to include compost market development, bottle bill funding and expansion, fast food packaging and food waste recovery. CPSC expects 2015 legislative priorities to include sharps and pharmaceuticals. This year the Agency will also be working closely with the US Green Building Council's California Advocacy Committee (USGBC California) to support strengthening CALGreen for 2016 with additional recycling, and recycled content measures. More detail on preliminary legislative priorities for all three of these partner organizations is provided in Attachment B.

As we did last year, we anticipate bringing updates to the Boards in April and June.

RECOMMENDATION:

Staff recommends that the Boards confirm the above three legislative/regulatory priorities for the upcoming legislative session.

**Attachment A:
Ideas to Recommend for the 2016 CALGreen Code:**

The California Green Building Standards code (aka CALGreen) occupies Part 11 of California's Title 24 Code of Regulations and consists of approximately 30 mandatory residential measures and 50 mandatory nonresidential measures. The base level of the CALGreen code, often called "CALGreen Mandatory," is required on all occupancies and project types under the purview of the Building Standards Commission. This means that nearly all permitted new construction or renovation projects must meet certain green building requirements. In addition, CALGreen includes a set of voluntary green code measures that are organized as two "Tiers" that exceed the mandatory CALGreen requirements. Jurisdictions can opt to adopt and/or make mandatory individual voluntary measures, or even mandate a Tier level, if desired.

Being part of the building code, CALGreen undergoes an update process on a triennial cycle. The code development process for the 2016 building code began in October of 2014 and is anticipated to take 18 months for completion. The final 2016 building code is expected to be enforced starting January 1, 2017.

Current mandatory measures in CALGreen include a 50% construction & demolition waste recycling requirement and required planning for occupant recycling space/infrastructure. In the Tiers, CALGreen has several recycling requirements, including higher C&D diversion rates and a measure that requires a certain percentage of new building materials to include recycled content (calculated by cost).

StopWaste recommends the following enhancements to the CALGreen code via a set of measures that support greater waste reduction and recycling for consideration in the 2016 CALGreen code. These are low-cost and high-impact strategies that support Agency priorities in Discards Decisions, Product Decisions Targets, and our COIWMP. Agency Staff will work with the California Building Standards Commission, partner organizations, state agencies and interested stakeholders to further investigate these options throughout the 18-month 2016 code update process.

- **Compost and mulch requirements for the building code:** Extend to smaller landscaped areas some of the statewide Water Efficient Landscape Ordinance (WELO) requirements in order to promote quality soils and less waste. Specifically, landscape areas would need to have 5% organic content in soils (accomplished via compost), and require 3-inches of recycled content mulch cover for non-turf irrigated areas. These water saving measures build better soil systems that correlate directly to greater water retention and less water use in landscapes, and make use of readily available local recycled content products.
- **Recycled Content Building Materials:** Bring this Tier measure down into the mandatory code, whereby a certain percentage of new materials (by cost or prescriptive list) must include recycled content.
- **Multifamily & Commercial Post-Occupancy Composting Space:** This measure would require multifamily and commercial building projects to plan for post-occupancy collection of organic waste. This requirement builds upon existing statewide requirements (since 1991) for commercial recycling access.
- **Avoid Invasive Plants in Building Projects:** Would require new planting areas to not include invasive species as defined in a statewide or local approved list. This measure was attempted in the 2013 code cycle and had significant support from parks, land trust, and the California Invasive Plant Council. The measure reduces the cost, waste, and use of hazardous herbicides resulting from the remediation of invasive plants.
- **Universal Waste** – A new requirement that clarifies that construction and demolition waste management activities shall include Universal Waste as part of a waste management plan.

Increase C&D Recycling from 50% to 65%: Proposal to ratchet-up requirements for mandatory C&D recycling. Currently Dublin and Oakland have a 65% C&D recycling requirement. Agency staff is coordinating input on this proposal with a large statewide C&D technical committee made up of local government C&D experts.

Attachment B
Preliminary Legislative Priorities of Advocacy Organizations the Agency Works With:

Californians Against Waste:

Californians Against Waste is a non-profit environmental research and advocacy organization that develops and monitors statewide waste-management policy. CAW expects 2015 legislative priorities to include the following: compost market development, bottle bill funding and expansion, fast food packaging and food waste

- **Compost Market development** – Something that would extend the efforts of the Marin Carbon Project, to illustrate the carbon storage impacts of compost application in grasslands statewide, and in additional applications. They are also interested in doing something to address water board regulations so that compost facility regulations are effective but not overly onerous.
- **Bottle Bill** – Maintain funding, include all beverage container types, and reduce program inefficiencies and administrative costs.
- **Fast food** – A fast food packaging bill to reduce non-recyclable ‘fast food’ packaging waste, litter and associated local government cleanup costs.
- **Food Waste** – Recovering food before it becomes wasted.

California Product Stewardship Council

CPSC’s 2015 legislative priorities include the following:

- **Pharmaceuticals** – Pursue statewide pharmaceutical legislation consistent with Alameda County’s ordinance.
- **Sharps** – Establish an EPR program for home-generated pharmaceuticals.

After working hard for several consecutive years toward a battery EPR bill, CPSC is considering removing battery EPR from their 2015 legislative priority list. This comes after discussions with local governments participating in CPSC, and with the battery industry. A new battery EPR law was adopted in Connecticut this year and it may help California to see how the law is implemented there prior to taking on battery EPR again in CA, where far more stakeholders are involved. These priorities are not final yet, however.

The US Green Building Council- California Advocacy Committee (USGBC California)

The USGBC California is a volunteer advocacy group that is made up of statewide representatives from each of the 8 USGBC Chapters in California. They sponsor an annual Advocacy Day in Sacramento, and prioritize legislation that promotes green building practices including energy efficiency, renewables, water conservation, water reuse, waste recycling, and human health impacts of building products. USGBC California’s areas of interest for 2015 are expected to include, at a minimum, the following priorities:

- Participating in the CALGreen 2016 building code update process and supporting StopWaste priorities.
- Promoting the use of Cap and Trade funds for greening affordable housing.

DATE: November 12, 2014

TO: Waste Management Authority (WMA)

FROM: Gary Wolff, Executive Director
Wendy Sommer, Deputy Executive Director

BY: Teresa Eade, Senior Program Manager
Karen Kho, Senior Program Manager

SUBJECT: Prop 84 Drought Round Grant Acceptance - Resolution

BACKGROUND

Since 2011 StopWaste has been a member of the Bay Area Integrated Regional Water Management (IRWM) group and has collaborated with water agencies, cities, and counties to jointly apply for Prop 84 funding. The California Department of Water Resources awarded funding from Prop 84 Rounds 1 and 2 to the Bay Area IRWM. StopWaste's portion of these prior grants, totaling \$430,247, leverages Bay-Friendly Landscape & Garden education resources with the regional lawn rebate programs being implemented by 10 water agencies in the 9 Bay Area counties. On March 26, 2014, the WMA Board adopted the latest Bay Area IRWM Plan Update, which is a requirement for Prop 84 grant eligibility.

DISCUSSION

On October 30, 2014 the California Department of Water Resources awarded \$32,178,423 to the San Francisco Bay Area Integrated Regional Water Management Region from the Prop 84 2014 Drought Grant program. The Bay Area IRWM Drought Round proposal includes a \$5.9 million Bay Area Regional Drought Relief Conservation Program, which (subject to Board approval) will be administered by StopWaste and includes twelve water agencies in the region. The water conservation program includes rebates for lawn replacement and other water efficiency measures and a drought-resistant soil and garden marketplace project. The soil and garden marketplace project will regionalize the Agency's Compost and Mulch target activities. See Attachment A for the approved scope of work.

StopWaste was selected to administer this program based on its prior involvement in the conservation program and experience in implementing regional energy efficiency programs. Staff is asking the WMA Board to authorize the Executive Director to enter into a contract with ABAG for \$5,993,971, which includes \$5,663,000 in rebates, and take other related actions. Please note that

the rebates will be paid by the twelve water agencies in the Regional Drought Relief Conservation Program to their participating customers, and we will then manage the process of reimbursement from DWR. We will not process individual rebates.

Before DWR will sign a final grant agreement, they will require that the Board adopt a standard form resolution that they will provide, but which is not yet available. We expect the content to be similar to the Prop 84 Round 1 resolution that the Board adopted previously. Rather than waiting until the Resolution is available, we thought it would be more transparent to bring forward this grant acceptance decision at the same time as the mid-year budget amendments. Bringing it forward now also moves the contract process forward efficiently.

RECOMMENDATION

Adopt the Resolution attached.

**WASTE MANAGEMENT AUTHORITY
RESOLUTION #WMA 2014 –**

**MOVED:
SECONDED:**

AT THE MEETING HELD NOVEMBER 19, 2014

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO CONTRACT FOR THE PROP 84
DROUGHT ROUND GRANT AND OTHER RELATED ACTIONS**

WHEREAS, the State electorate approved multiple statewide bond measures since 2000, including Propositions 50 and 84, to fund water and natural resource projects and programs, including Integrated Regional Water Management (IRWM); and

WHEREAS, state statute and guidelines required that an IRWM Plan be adopted by the governing boards of participating agencies before IRWM grant funds would be provided for water resources management projects that are part of the IRWM Plan; and

WHEREAS, the Alameda County Waste Management Authority (Authority) adopted the Bay Area IRWM Plan Update on March 26, 2014 to be eligible to receive IRWM grant funding; and

WHEREAS, the Governor declared a State of Emergency due to extended drought conditions in California and authorized an accelerated round of Prop 84 grant funding; and

WHEREAS, the Authority partnered with twelve water agencies to submit a Bay Area Regional Drought Relief Conservation Program as part of the Bay Area IRWM Drought Round Proposal; and

WHEREAS, the Department of Water Resources awarded the Bay Area IRWM \$28.2 million in funding, including \$5,993,971 for the Bay Area Regional Drought Relief Conservation Program; and

WHEREAS, the regional conservation program includes rebates for water conservation measures and a soil to garden marketplace, and

WHEREAS, the Authority has been designated as the administrator for the regional conservation program, and

NOW THEREFORE, BE IT RESOLVED, that the Authority hereby authorizes the Executive Director to:

1. Enter into all necessary contracts and agreements with ABAG in order to accept up to \$5,993,971, amend the FY 2014/15 budget to add these funds to Project 1153: Prop 84 Round 3.
2. Approve any required time extensions, modifications, or amendments thereto.
3. Allocate the necessary resources to implement and carry out the amended scope of work.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAINED:

Gary Wolff, PE, PhD
Executive Director

Attachment A

Proposition 84 Drought Round Bay Area IRWM Water Conservation Program Scope of Work

The Association of Bay Area Governments (ABAG) received a total of \$28.2 million in funding from the Department of Water Resources, of which the Bay Area Regional Drought Relief Conservation Program will receive \$5,993,971.

Regional Water Rebates (\$5,663,000)

StopWaste will contract with ABAG and administer this grant, which includes funding for:

- Lawn-to-landscape conversions (rebates for lawn replacement), high-efficiency toilet rebates, high-efficiency toilet direct installation, high-efficiency washer rebates, and a soil and garden marketplace project.
- The project will save 1,200 acre-feet of water per year for a total of 24,000 acre-feet over twenty years.
- The grant begins this fiscal year and span three years.

Grant Administration (\$230,971)

StopWaste will administer the Regional Drought Relief Conservation Program grant on behalf of the twelve partner agencies, and conduct the following activities:

- Coordinate agency responsibilities and manage cost commitments
- Develop Quarterly Progress Reports, including preparing progress reports detailing work completed in prior quarter and submittal to ABAG for submittal to DWR
- Develop invoices, including preparing quarterly invoices including relevant supporting documentation for submittal to ABAG for submittal to DWR
- Drafting the Project Completion Report

Drought Resistant Soil and Garden Marketplace (\$100,000)

StopWaste will develop a soil and garden marketplace to support water rebates, lawn conversion and use of compost and mulch, including conducting the following activities:

- Develop Lawn to Garden partnerships to market and advertise the program
- Conduct stakeholder meetings and workshops for the public
- Develop website tools for retail partners and water agencies

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DATE: November 12, 2014

TO: Energy Council (EC)

FROM: Gary Wolff, Executive Director
Wendy Sommer, Deputy Executive Director

BY: Karen Kho, Senior Program Manager

SUBJECT: 2015 BayREN Contract Authorization - Resolution

BACKGROUND

On February 27, 2013 the WMA Board adopted a resolution authorizing the Executive Director to enter into a contract with the Association of Bay Area Governments (ABAG) for implementation of the Bay Area Regional Energy Network (BayREN) program. This contract was transferred to the Energy Council after its formation in June 2013. StopWaste has led the implementation of the regional multifamily program and conducted local outreach for the single-family, codes and standards and financing subprograms.

DISCUSSION

On October 16, 2014 the California Public Utilities Commission issued a Decision authorizing energy efficiency programs for 2015, including a \$12.3 million budget for the Bay Area Regional Energy Network. BayREN's 2015 portfolio will continue to include four programs (single-family, multifamily, codes and standards and financing pilots). BayREN is approving the final budget allocation among members this month. The latest draft budget and scope for Energy Council is listed in Attachment A. Staff anticipates filling similar implementation roles as in 2013-14, which include leading the multifamily program and financing pilot and conducting outreach in Alameda County for the other BayREN programs. In order to ensure continuity of program services, this memo asks the Energy Council to authorize the Executive Director to enter into a contract with ABAG to accept up to \$6 million (which includes \$3.75 million in rebates to property owners) and take other related actions.

RECOMMENDATION

Adopt the Resolution attached.

**ENERGY COUNCIL
RESOLUTION #EC 2014 –**

**MOVED:
SECONDED:**

AT THE MEETING HELD NOVEMBER 19, 2014

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO ENTER INTO 2015 CONTRACT FOR BAY
AREA REGIONAL ENERGY NETWORK (BayREN) AND OTHER RELATED ACTIONS**

WHEREAS, the Energy Council was formed to seek funding to develop and implement programs and policies that reduce energy demand, increase energy efficiency, advance the use of clean, efficient and renewable resources, and help create climate resilient communities; and

WHEREAS, the California Public Utilities Commission (CPUC) has recognized the need for expanded collaboration with and participation by local governments to achieve market transformation toward energy efficiency as part of its Long Term Energy Efficiency Strategic Plan; and

WHEREAS, in its Decision for Phase I of Rulemaking 13-11-005, the CPUC authorized funding for Regional Energy Networks (RENs) to continue their existing programs in 2015; and

WHEREAS, the Energy Council partnered with the Association of Bay Area Governments (ABAG) and 8 other county representatives to implement the Bay Area Regional Energy Network (BayREN); and

WHEREAS, with ongoing input from the Energy Council Technical Advisory Group (TAG), the Energy Council represents Alameda County jurisdictions within BayREN; and

WHEREAS, the Energy Council has been designated as the lead regional implementer for the multifamily subprogram and multifamily financing pilot, and to conduct local outreach for other subprograms, and

WHEREAS, ABAG intends to provide the Energy Council with a budget not to exceed \$6,000,000 for services related to the BayREN as described in Attachment A;

NOW THEREFORE, BE IT RESOLVED, that the Energy Council hereby authorizes the Executive Director to:

1. Enter into all necessary contracts and agreements with ABAG in order to accept additional funds up to \$6 million, amend the FY 2014/15 budget to add these funds to Project 1347: BayREN.
2. Approve any required time extensions, modifications, or amendments thereto.
3. Allocate the necessary resources to implement and carry out the amended scope of work.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAINED:

Gary Wolff, PE, PhD
Executive Director

Attachment A

Draft Energy Council Scope of Work 2015 BayREN Program

Multifamily – Regional Lead (\$5,612,100)

Energy Council will lead the Regional BayREN Multifamily program, including the Capital Advance Financing Pilot, and conduct the following activities:

- Administer and manage program to ensure that total unit goals and energy savings metrics are met or exceeded
- Oversee technical consultants and partners responsible for implementation
- Convene BayREN members to participate in the multifamily committee
- Verify and approve eligible scopes of work and process rebates for property owners
- Coordinate reporting and Evaluation, Measurement & Verification (EM&V) activities
- Conduct regional marketing activities and coordinate local outreach activities
- Enroll lenders and promote property owner participation in financing pilot

Single Family – Local Outreach (\$123,707)

Energy Council will conduct local outreach for the Single-family program, including the following activities:

- Organize workshop and other outreach events
- Refer property owners to the regional Home Upgrade Advisor service.
- Serve as a liaison for local contractors and facilitate their participation in the Home Upgrade program.
- Implement co-op marketing for contractors

Codes and Standards - Local Outreach (\$52,500)

Energy Council will conduct local outreach for the Codes and Standards program, including the following activities:

- Conduct outreach to building departments and promote participation in BayREN trainings, regional forums and compliance baselining
- Assist in prioritization and development of new BayREN trainings based on local needs
- Provide input on content of regional forums and promote participation to local governments

Commercial PACE - Local Outreach (\$600)

Energy Council will conduct local outreach for the Commercial PACE program, including the following activities:

- Coordinate local Commercial PACE promotional activities with BayREN Commercial PACE outreach

Pay As You Save (PAYS) - Local Outreach (\$8,700)

Energy Council will conduct local outreach for the PAYS financing pilot, including the following:

- Serve as a local contact for PAYS water utilities in the County for questions about BayREN
- Provide support to the regional lead and promote the program locally



November 12, 2014

To: Authority Board
Energy Council
Recycling Board/ Planning and Organization Committee

From: Gary Wolff, Executive Director
Pat Cabrera, Administrative Services Director
Gina Peters, Chief Finance Officer

Subject: Mid-Year Budget Adjustments

MID-YEAR SUMMARY

As a result of our mid-year revenue and expenditure review, staff is recommending adjustments to the adopted FY 2014/15 budget. It is our custom to re-adopt the entire budget at mid-year, so that complete and up-to date budget spreadsheets will exist. The budget re-adoption occurs in three parts, however, as identified in the funding spreadsheets and three separate budget resolutions (WMA, Recycling Board, and Energy Council).

Mid-year core budget revenue projections (about \$11.9 million) and expenditures (approximately \$11.1 million) remain unchanged compared to the originally adopted budget. Core revenue is fee revenue which the Boards may spend within the limits of our governing documents. Core revenues in turn fund core expenditures.

The total revised budget for FY2014/15 is much higher, however. The total includes the Revolving Loan Fund, the Measure D distribution to Municipalities, Energy Council grant revenue and spending, and for the first time this year the total amount of the countywide HHW program. The total revised budget for FY2014/15 is \$43,533,067.

As the Boards know, we have been very successful at obtaining grant funding in recent years. About half the total budget presented here is grant funded. The total agency mid-year budget includes up to \$6 million of additional funding for the Energy Council BayREN Project (1347), which is described in a separate memo in the November 19, 2014 agenda package. This implies a total BayREN budget of more than \$13 million, all funded by grants to our agency. The total agency mid-year budget also includes a \$5.9 million Proposition 84 grant for work related to bay-friendly landscaping and water use reduction (project 1153), which is also described in a separate memo in the November 19, 2014 agenda package. These new grant funds are included in the mid-year budget so that (as noted above) complete and up-to date budget spreadsheets will exist.

REVENUES

During the 09/10 budget development process an in-depth statistical analysis was conducted to help determine tonnage related revenue. We determined that state-wide unemployment and variables denoting the month of the year or the passage of time created the strongest explanations for variations of tonnages disposed from Alameda County jurisdictions in total, and from San Francisco. Additionally, with respect to Alameda County tonnage we also needed to estimate the impacts of our and member agency waste reduction efforts by making a manual adjustment (reduction) in tonnages. The accuracy of this model was quite impressive for projecting revenue in FY09/10; the tonnage related revenue estimate was \$10,234,000 and the actual tonnage related revenue was \$10,196,000 (less than a 1% difference). Since then, the model has been less accurate overall due primarily to unemployment falling more rapidly than estimated. After adjusting for the unexpected improvements in unemployment, the model has been accurate within 5%.

Beginning in FY 14/15, we were able for the first time to replace the manual adjustment for the impact of our and member agency waste reduction efforts with a statistically significant indicator variable, also known as a "dummy" variable. Indicator variables are commonly used in economic forecasting to account for the occurrence of policy changes. The revised model, with the indicator variable, explains 77% of variability in the historic time series of Alameda County disposed landfill tonnages. For the San Francisco FY14/15 tonnage projection we are continuing to utilize the original statistical model based on unemployment projections and time.

At the time of this report we have three months of actual tonnage data this fiscal year to compare against our projections. While SF actual tonnages have surpassed projections during this time period Alameda County actual tonnages are approximately 15,000 tons lower compared to our estimates. Given the improvement in the economy we are guardedly optimistic that these declines are a result of our and member agency waste reduction efforts. However, since we only have three months of actual data and since we have a fiscal reserve should tonnage revenues drop below our mid- range projection, we are not adjusting revenue estimates at this time. As always, we will continue to closely monitor disposal trends.

Interest, wind and other property related revenues also remain unchanged compared to the original budget.

EXPENDITURES

Mid-year changes will increase the total budget by approximately \$14.1 million of which about \$6 million is Energy Council grant funding and \$5.9 is from a Proposition 84 grant. There were some other small changes, such as approximately \$223,076 of "pass through" monies for the Recycled Product Purchase Preference project. There are no changes to the overall core budget which totals approximately \$11.1 million. However, shifts in hours and hard costs were made within the projects as needed. These changes are shown in attachment 1.

Attachment 2 shows all projects by funding source.

FUND BALANCES AND RESERVES

Actual (unaudited) available fund balances, beginning July 1, 2014 were higher than estimated at the time the budget was developed (March-April 2014) by approximately \$4.0 million. This is composed of the following:

- We did not make about \$0.9 million of loans in FY13/14 that were authorized because there were not enough qualified applicants.
- About \$1.5 million of other net underspending.
- Tonnage revenue was about \$1.5 million higher than budgeted. This includes collection of some facility fees on waste sent to landfills out of county in previous years, but collected this year.
- Other revenues were about \$0.1 million higher than budgeted.

While the net increase should be viewed positively as it will make our future fiscal challenges easier to address, the increase is not a result of projected ongoing revenue or lower budgets. Long-term financial planning and decisions take place during the regular budget cycle in the spring. That planning will include long-range estimates of revenue and spending. Attachment 3 updates the “Estimated Fund Balances Available” schedule.

Agency reserves are categorized as “designated” which require Board action to create, spend or dissolve and “contractually committed” for which the Agency has a current contractual obligation to spend the funds for a specific purpose or project. Funds from reserves are transferred to the operating budget as necessary; and upon completion of the project any remaining funds are transferred back to the original reserves.

As shown in attachment 4, Designated Reserves include the following:

- ❖ Organics Processing Development
- ❖ East Bay MUD Commercial Food Waste Digester Project
- ❖ Diversion Project: Product Decisions
- ❖ Fiscal Reserves (Both WMA and RB)

The Contractually Committed Reserves are as follows:

- ❖ Diversion Project: MRF Capacity Expansion – Davis St
- ❖ WMAC Transportation Improvement Program

As of the mid-year review, the reserves are projected to total approximately \$14.4 million at the end of FY2014/15.

CONTRACT AMENDMENTS

In addition to the expenditure changes, authorization is also requested to augment or execute the following contracts; the funds for these contracts are budgeted.

Overhead (General, Accounting, MIS support)

AccountTemps	\$ 50,000
Additional accounting support	

Technical Assistance and Services

<u>Andy Sunblad, PictureWorks</u>	\$ 10,000
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Design services

Waste Prevention: Institutional Food Service

Andy Sunblad, PictureWorks

\$ 3,000

Design services

Household Hazardous Waste Product Alternatives

Steel Media

\$ 50,000

Advertising services

Autumn Press

\$ 35,000

Printing services

Recycled Content: Compost and Mulch

Andy Sunblad, PictureWorks

\$ 3,000

Design services

Food Service Ware and Packaging

Andy Sunblad, PictureWorks

\$ 3,000

Design services

Ready, Set, Recycle Contest

Titan

\$110,000

Advertising services

Underground Advertising

\$100,000

Advertising services

Benchmark Report and Production Distribution

US Postal Services

\$100,000

Benchmark report postage

Amp Printing

\$ 65,000

Benchmark report printing and mailing

Andy Sunblad, PictureWorks

\$ 30,000

Design services for benchmark reports

Mandatory Recycling Implementation

The following vendors will be used for the purchase of organic containers not to exceed (in total)

\$ 60,000

EcoVision Environmental

Busch Systems International

Waxie Sanitary Supply

Household Hazardous Waste Facilities

Autumn Press

\$ 65,000

HHW postcard printing and mailing service

Used Oil Recycling Grant (reimbursable expense)

Steel Media

\$ 50,000

Advertising services and online purchase

RECOMMENDATION

Staff recommends that the Authority Board at its November 19, 2014 meeting adopt the proposed mid-year budget revisions as they pertain to the Authority Board's operations and as outlined in the attached resolution (Attachment A). Staff recommends that the Energy Council at its November 19, 2014 meeting adopt the proposed mid-year revisions as they pertain to the Energy Council and as outlined in the attached resolution (Attachment B). Staff further recommends that the Recycling Board at its December 11, 2014 adopt the proposed mid-year budget revisions as they pertain to Recycling Board operations and as outlined in the attached resolution (Attachment C)

Attachments:

Attachment 1: Expenditure Change Detail

Attachment A: WMA resolution

Attachment B: Energy Council resolution

Attachment C: Recycling Board resolution

Attachment 2: Projects by Funding Source

Attachment 3: WMA, EC and RB Fund Balances Available

Attachment 4: WMA and RB Schedule of Reserves

Attachment A
ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY BOARD

RESOLUTION #WMA 2014-
MOVED:
SECONDED:

AT THE MEETING HELD NOVEMBER 19, 2014
THE ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY BOARD AUTHORIZES
ADOPTION OF
FISCAL YEAR 2014/15 MID-YEAR BUDGET ADJUSTMENT

WHEREAS, the Alameda County Waste Management Authority Board approved the Fiscal Year 2014/15 Budget by Resolution #WMA 2014-3, and

WHEREAS, this budget was amended by Resolution # WMA 2014-7 to incorporate the revenues and expenditures associated with the countywide Household Hazardous Waste (HHW) Program, and

WHEREAS, staff has reviewed the budgetary activity from July 1, 2014 and made adjustments as appropriate, and

WHEREAS, these changes were presented to the Authority Board for review and approval

NOW THEREFORE, BE IT RESOLVED, that the Alameda County Waste Management Authority Board hereby:

1. Approves the adjusted budget as it pertains to Authority Board operations and as shown on attachments 2, 3, and 4.
2. Authorizes the execution of or augmentation to the following contracts:

Overhead (General, Accounting, MIS support)

Account Temps	\$ 50,000
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Technical Assistance and Services

<u>Andy Sunblad, PictureWorks</u>	\$ 10,000
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Waste Prevention: Institutional Food Service

<u>Andy Sunblad, PictureWorks</u>	\$ 3,000
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Household Hazardous Waste Product Alternatives

<u>Steel Media</u>	\$ 50,000
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<u>Autumn Press</u>	\$ 35,000
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Recycled Content: Compost and Mulch

<u>Andy Sunblad, PictureWorks</u>	\$ 3,000
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Ready, Set, Recycle Contest

<u>Titan</u>	\$110,000
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<u>Underground Advertising</u>	\$100,000
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Benchmark Report and Production Distribution

<u>Andy Sunblad, PictureWorks</u>	\$ 30,000
<u>US Postal Services</u>	\$100,000
<u>Amp Printing</u>	\$ 65,000

Food Service Ware and Packaging

<u>Andy Sunblad, PictureWorks</u>	\$ 3,000
Design services	

Mandatory Recycling Implementation

<u>The following vendors not to exceed (in total)</u>	\$ 60,000
<u>EcoVision Environmental</u>	
<u>Busch Systems International</u>	
<u>Waxie Sanitary Supply</u>	

Household Hazardous Waste Facilities

<u>Autumn Press</u>	\$ 65,000
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Used Oil Recycling Grant (reimbursable expense)

<u>Steel Media</u>	\$ 50,000
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ADOPTED BY THE FOLLOWING VOTE:**AYES:****NOES:****ABSTAIN:****ABSENT:**

Gary Wolff, Executive Director

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

		Energy Council Board					Recycling Board				
Total		Waste Management Authority									
Cost		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
EXPENDITURES											
1000 -PRODUCT DECISION:											
1020	Technical Assistance and Services	\$ 471,649	\$ 157,248							\$ 157,200	\$ 157,200
1030	BayROC (Bay Area Regional Recycling Outreach Coalition)	21,383	21,383								
1031	BayROC External Contributions	109,134		\$ 109,134							
	Sub-total	602,165	178,630	-	109,134	-	-		-	-	157,200 157,200
1100 Bay Friendly											
1110	Bay-Friendly Schoolyards	15,968	\$ 5,324							\$ 5,322	\$ 5,322
1111	Bay-Friendly Schoolyards (Prop. 84 Funding)	75,914		75,914							
1140	Regionalizing Bay Friendly	143,487	68,487						75,000		
1150	Bay Friendly Water Efficient Landscape Prop 84 (WMA)	156,711	13,871	13,871					18,000	90,162	20,807
1151	Bay Friendly Water Efficient Landscape Prop 84 (DWR)	35,099		35,099							
1152	Water Efficient Landscape Prop 84 Round II DWR Project Report	200,071		200,071							
1153	Bay Friendly Prop 84 Round 3	5,910,763		5,910,763							
	Sub-total	6,538,013	87,682	13,871	6,221,847	-	-		-	93,000	95,484 26,129
1200 Product Purchasing and Manufacturing											
1220	Waste Prevention: Institutional/Food Service	461,206	230,603							230,603	
1230	Waste Prevention: Reusable Transport Packaging	237,298	79,115							79,092	79,092
1231	Waste Preventions: Reusable Transport Packaging (EPA Funding)	102,250		102,250							
1240	HHW Point of Purchase Alternatives	245,736				245,736					
1250	Waste Prevention: Reusable Bag Ordinance Implementation	217,084	217,084								
1260	Recycled Content: Compost and Mulch	513,603	171,235								342,368
1270	Recycled Content: Building Materials	414,500	131,526						20,000		262,974
1280	Hard to Recycle: Institutional and Commercial Food Service Ware & Pa	170,353	60,176						50,000	60,176	
1290	Labeling	257,946		85,999						85,973	85,973
	Sub-total	2,619,976	889,740	85,999	102,250	-	245,736		-	70,000	455,844 770,406
1300 Energy Council											
1339	EUC Community Outreach	64,335		64,335							
1347	BayREN (Bay Regional Energy Network)	13,321,752					\$13,321,752				
1348	PG&E Energy Programs	229,592					229,592				
1349	Energy Council Offset	201,030					201,030				
	Sub-total	13,816,710	-	-	64,335	-		13,752,375	-	-	- -
Total Product Decisions		23,576,864	1,156,053	99,870	6,497,566	-	245,736	13,752,375	-	163,000	708,529 953,736

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
2000-DISCARD MANAGEMENT											
2020 Schools Transfer Station Tours	591,283	591,283									
2040 Competitive Grants	390,641								390,641		
2050 Ready, Set, Recycle Contest	1,393,836		1,298,836						95,000		
2061 Green Star Schools Activities	26,351			26,351							
2070 Benchmark Report Production and Distribution	309,168				309,168						
2080 Benchmark Data and Analysis	524,171				524,171						
2090 Mandatory Recycling Implementation	2,043,505		2,043,505								
Sub-total	5,278,955	591,283	3,342,342	26,351	833,339	-		-	485,641	-	-
2100 Processing Facilities											
2110 Construction & Demolition Debris Recycling	103,185		5,159								98,026
2120 Materials Recovery Facility Operations & Monitoring	532,687		532,687								
Sub-total	635,872	-	537,846	-	-	-		-	-	-	98,026
2300 Hazardous Waste											
2310 Hazardous Waste	17,151	17,151									
2311 Used Oil Recycling Grant	125,000			125,000							
2312 Household Hazardous Waste Facilities	5,386,990					5,386,990					
Sub-total	5,529,141	17,151	-	125,000	-	5,386,990		-	-	-	-
2400 C/I/I Collections (Commercial /Industrial/Institutional)											
2420 Business Assistance Supporting Activities	214,870	107,435						-		107,435	-
Sub-total	214,870	107,435	-	-	-			-	-	107,435	-
Total Discard Management	11,658,838	715,869	3,880,187	151,351	833,339	5,386,990	-	-	485,641	107,435	98,026

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
3000-COMMUNICATION, ADMINISTRATION, PLANNING											
3020 Miscellaneous Small Grants Administration	300,000			300,000							
Sub-total	300,000	-	-	300,000	-	-		-	-	-	-
3200 Other General Activities											
3210 Property Management	123,389		123,389								
3220 Disposal Reporting	160,302	48,091			112,211						
3230 Technical Advisory Committee	48,908	48,908									
3240 Fee Enforcement	389,060	389,060									
Sub-total	721,660	486,059	123,389	-	112,211	-		-	-	-	-
3400 Planning											
3410 General Planning	73,655	73,655									
3420 Every Other Week Collection Pilot	73,867		73,867								
3430 ColWMP Amendments Application	12,452	12,452									
3460 Five Year Audit	172,734								172,734		
Sub-total	332,708	86,107	73,867	-	-	-		-	172,734	-	-
3500 Agency Communications											
3510 General Agency Communication	962,361	901,261							61,100		
3520 4Rs Education	109,433	109,433									
3530 Legislation	253,960	213,960							40,000		
Sub-total	1,325,754	1,224,654	-	-				-	101,100	-	-
Total Communication, Administration, Planning	2,680,122	1,796,820	197,256	300,000	112,211	-		-	273,834	-	-
Total Project Expenditures	37,915,824	3,668,741	4,177,314	6,948,916	945,550	5,632,726	13,752,375	-	922,475	815,964	1,051,762

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

Total	Waste Management Authority					Energy Council Board	Recycling Board			
	Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
REVENUES										
Benchmark Fees				857,000						
HHW Fees					6,930,605					
Energy Council						13,752,375				
Tonnage revenues	4,462,015	2,431,623					1,212,316	808,212	808,212	808,212
Interest	62,000	45,800					10,000			
Externally funded revenues			6,939,782							
Property and Other revenues		480,000								
Total revenues	4,468,215	2,957,423	6,939,782	857,000	6,930,605	13,752,375	1,222,316	808,212	808,212	808,212
TRANSFERS										
From OPD Reserve to fund Every Other Week Collection Pilot (3420)	73,867	73,867								
From MRF Reserves to fund MRF Operations Monitoring (2120)	532,687	532,687								
Return Unused FY 2013 MRF allocation to MRF Reserve	(381,500)	(381,500)								
From Product Decisions Reserve to fund Regionalizing Bay Friendly (1140)	68,487									
From OPD Reserve to fund Mandatory Recycling Implementation (2090)	60,000	60,000								
To OPD Reserve from Facility Fee Fund Balance	(1,085,019)									
Expected Transfer from County Environmental Health	892,709				892,709					
Total Net Transfers	161,231	285,054	-	-	892,709		-	-	-	-
FUND BALANCE										
Beginning fund balance 7/1/14	7,941,661	3,138,575	1,573,557	196,096	1,078	911,508	1,365,971	377,051	377,826	
Beginning Fund Balance 7/1/14	7,941,661	3,138,575	-	196,096	-	1,078	911,508	1,365,971	377,051	377,826
AVAILABLE FUNDING	47,655,243	6,590,258	4,816,033	6,939,782	1,053,096	7,823,314	13,753,452	2,133,824	2,174,183	1,185,263
Less: Project Expenditures	(37,915,824)	(3,668,741)	(4,177,314)	(6,948,916)	(945,550)	(5,632,726)	(13,752,375)	-	(922,475)	(815,964)
From Facilities fund to Externally Funded fund ****		(9,134)		9,134						(1,051,762)
From Grants to Non-Profit fund to cover Benchmark related costs**				88,550					(88,550)	
ENDING FUND BALANCE	\$ 9,739,420	\$ 2,912,383	\$ 638,719	(0)	196,096	2,190,588	1,078	\$ 2,133,824	\$ 1,163,157	\$ 369,299
OTHER PROJECTS:										
Revolving Loan (RLF): (Project 2030)										
Beginning fund balance	\$ 1,818,118									
Revenues	21,000									
Loan Repayment	358,000									
Project cost (loans and expenses)	(947,416)									
Ending fund balance	\$ 1,249,702									
RB Municipalities (Measure D 50%) (Project 2220)										
Beginning fund balance	\$ 587									
Revenues	4,042,058									
Project cost	(4,042,645)									
Ending fund balance	\$ (0)									
Public Agency Environ. Pref. Purch.Measure D 5% (proj. 1210)										
Beginning fund balance	\$ 223,076									
Revenues	404,106									
Project cost	(627,182)									
Ending fund balance	\$ (0)									
Total project cost including other projects	\$ 43,533,067									
Total revenues including other projects	\$ 44,377,516									

NOTE

Facility Fees=Authority user fee of \$4.34 per ton.
Mitigation Fees= Import Mitigation Fee of \$4.53 per ton collected on all other wastes landfilled in Alameda County that originate out-of-county except San Francisco waste fee is currently \$6.10 per ton.
RB Discretionary=Recycling Board Discretionary Fund - 15% of Measure D fees, of which 3% may be used to cover expenses necessary to administer the recycling fund.
RB Grants to Non-Profit = Recycling Board Grants to Non-Profit Fund - 10% of Measure D fees.
RB Source Reduction= Recycling Board Source Reduction Fund - 10% of Measure D fees.
RB Market Development = Recycling Board Market Development Fund - 10% of Measure D fees.
RB Recycled Prod. Pref. = Recycling Board Recycled Product Price Preference Fund - 5% of Measure D fees.
RB Municipalities = Recycling Board Municipalities Fund - 50% of Measure D fees.
RLF = Revolving Loan Fund

**Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter.
Therefore, if the actual costs for the benchmark service in FY14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

**** Transferring previous year's BayRoc contributions to the BayRoc project.

**WASTE MANAGEMENT AUTHORITY
FUND BALANCES AVAILABLE
FISCAL YEAR 2014-2015 MID-YEAR BUDGET**

ATTACHMENT 3

FUND NAME

	WMA	<i>BEG. FUND BALANCE JULY 1, 2014</i>	<i>ADJUST- MENTS</i>	<i>BEG. FUND BALANCE JULY 1, 2014</i>	<i>PROJECTED REVENUE</i>	<i>PROJECTED APPROPRIA- TIONS</i>	<i>TRANSFERS</i>	<i>FUND BALANCE JUNE 30, 2015</i>
Facility Operators Fee		\$ 3,138,575		\$ 3,138,575	\$ 4,468,215	\$ (3,668,741)	\$ (1,085,019)	(a) \$ 2,912,383
Transfer from Product Decisions Reserve							68,487	
Transfer to Externally Funded Fund							(9,134)	**
Bench Mark Fees		196,096		\$ 196,096	857,000	(945,550)	88,550	(b) \$ 196,096
Externally Funded					6,939,782	(6,948,916)		0
Transfer from Facilities Fund							9,134	**
Mitigation		1,573,557		\$ 1,573,557	2,957,422	(4,177,314)	285,054	© \$ 638,719
HHW Fees					6,930,605	(5,632,726)	892,709	(d) \$ 2,190,588
Authority Total		<u>\$ 4,908,228</u>	<u>\$ -</u>	<u>\$ 4,908,228</u>	<u>\$ 22,153,024</u>	<u>\$ (21,373,247)</u>	<u>\$ 249,781</u>	<u>\$ 5,937,786</u>

(a) Transfer from Facility Fee Fund Balance to Organics Processing Development (OPD) reserve.

** Transferring previous year's BayRoc contributions to the BayRoc project.

(b) Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter. Therefore, if the actual costs for the benchmark service in FY 14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

© \$133,867 transfer from OPD reserve; \$151,187 net transfer from MRF Capacity Expansion-Davis Street Reserve.

(d) Expected Transfer from Alameda County Environmental Health Department after the County closes its books for Fiscal Year 2013-2014.

ATTACHMENT 4

**WASTE MANAGEMENT AUTHORITY
SCHEDULE OF RESERVES
FISCAL YEAR 2014-2015 MID-YEAR BUDGET**

DESCRIPTION

WMA

	<i>BALANCE JULY 1, 2014</i>	<i>TRANSFERS IN</i>	<i>TRANSFERS OUT</i>	<i>BALANCE JUNE 30, 2015</i>
DESIGNATED RESERVES				
ORGANICS PROCESSING DEVELOPMENT	5,629,074	1,085,019	\$ (133,867)	6,580,226
EAST BAY MUD COMMERCIAL FOOD WASTE DIGESTER PROJECT	1,000,000			1,000,000
DIVERSION PROJECT: PRODUCT DECISIONS	205,857		(68,487)	137,370
FISCAL RESERVE	2,105,019			2,105,019
<i>Sub-total</i>	<u>8,939,950</u>	<u>1,085,019</u>	<u>(202,354)</u>	<u>9,822,615</u>
CONTRACTUALLY COMMITTED RESERVES				
DIVERSION PROJECT: MRF CAPACITY EXPANSION-DAVIS STREET	590,848	381,500	(532,687)	439,661
WMAC TRANSPORTATION IMPROVEMENT PROGRAM (TIP)	3,441,987			3,441,987
<i>Sub-total</i>	<u>4,032,835</u>	<u>381,500</u>	<u>(532,687)</u>	<u>3,881,648</u>
 Total	<u><u>\$ 12,972,785</u></u>	<u><u>\$ 1,466,519</u></u>	<u><u>\$ (735,041)</u></u>	<u><u>\$ 13,704,263</u></u>

ENERGY COUNCIL

RESOLUTION #EC2014-

MOVED:

SECONDED:

**AT THE MEETING HELD NOVEMBER 19, 2014
THE ENERGY COUNCIL AUTHORIZES ADOPTION OF THE
FISCAL YEAR 2014/15 MID-YEAR BUDGET ADJUSTMENT**

WHEREAS, the Energy Council approved the Fiscal Year 2013-15 Budget by Resolution #EC 2013-01, and

WHEREAS, this budget was amended by Resolution #EC2014-2 to incorporate previously approved Council Action, and

WHEREAS, staff has reviewed the budgetary activity from July 1, 2014 and made adjustments as appropriate, and

WHEREAS, staff also incorporated previously approved Council action as part of the mid-year budget adjustment, and

WHEREAS, these changes were presented to the Energy Council for review and approval.

NOW THEREFORE, BE IT RESOLVED, that the Energy Council hereby approves the budget adjustments as they pertain to Energy Council operations and as shown on attachments 2, and 3.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

Gary Wolff, Executive Director

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

		Energy Council Board					Recycling Board				
Total		Waste Management Authority									
Cost		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
EXPENDITURES											
1000 -PRODUCT DECISION:											
1020 Technical Assistance and Services	\$ 471,649	\$ 157,248								\$ 157,200	\$ 157,200
1030 BayROC (Bay Area Regional Recycling Outreach Coalition)	21,383	21,383									
1031 BayROC External Contributions	109,134			\$ 109,134							
Sub-total	602,165	178,630	-	109,134	-	-		-	-	157,200	157,200
1100 Bay Friendly											
1110 Bay-Friendly Schoolyards	15,968	\$ 5,324								\$ 5,322	\$ 5,322
1111 Bay-Friendly Schoolyards (Prop. 84 Funding)	75,914			75,914							
1140 Regionalizing Bay Friendly	143,487	68,487							75,000		
1150 Bay Friendly Water Efficient Landscape Prop 84 (WMA)	156,711	13,871	13,871						18,000	90,162	20,807
1151 Bay Friendly Water Efficient Landscape Prop 84 (DWR)	35,099			35,099							
1152 Water Efficient Landscape Prop 84 Round II DWR Project Report	200,071			200,071							
1153 Bay Friendly Prop 84 Round 3	5,910,763			5,910,763							
Sub-total	6,538,013	87,682	13,871	6,221,847	-	-		-	93,000	95,484	26,129
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1230 Waste Prevention: Reusable Transport Packaging	237,298	79,115								79,092	79,092
1231 Waste Preventions: Reusable Transport Packaging (EPA Funding)	102,250			102,250							
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1250 Waste Prevention: Reusable Bag Ordinance Implementation	217,084	217,084									
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1270 Recycled Content: Building Materials	414,500	131,526							20,000		262,974
1280 Hard to Recycle: Institutional and Commercial Food Service Ware & Pa	170,353	60,176							50,000	60,176	
1290 Labeling	257,946		85,999							85,973	85,973
Sub-total	2,619,976	889,740	85,999	102,250	-	245,736		-	70,000	455,844	770,406
1300 Energy Council											
1339 EUC Community Outreach	64,335			64,335							
1347 BayREN (Bay Regional Energy Network)	13,321,752						\$13,321,752				
1348 PG&E Energy Programs	229,592						229,592				
1349 Energy Council Offset	201,030						201,030				
Sub-total	13,816,710	-	-	64,335	-		13,752,375	-	-	-	-
Total Product Decisions											
	23,576,864	1,156,053	99,870	6,497,566	-	245,736	13,752,375	-	163,000	708,529	953,736

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
2000-DISCARD MANAGEMENT											
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2040 Competitive Grants	390,641								390,641		
2050 Ready, Set, Recycle Contest	1,393,836		1,298,836						95,000		
2061 Green Star Schools Activities	26,351			26,351							
2070 Benchmark Report Production and Distribution	309,168				309,168						
2080 Benchmark Data and Analysis	524,171				524,171						
2090 Mandatory Recycling Implementation	2,043,505		2,043,505								
Sub-total	5,278,955	591,283	3,342,342	26,351	833,339	-		-	485,641	-	-
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2110 Construction & Demolition Debris Recycling	103,185		5,159								98,026
2120 Materials Recovery Facility Operations & Monitoring	532,687		532,687								
Sub-total	635,872	-	537,846	-	-	-		-	-	-	98,026
2300 Hazardous Waste											
2310 Hazardous Waste	17,151	17,151									
2311 Used Oil Recycling Grant	125,000			125,000							
2312 Household Hazardous Waste Facilities	5,386,990					5,386,990					
Sub-total	5,529,141	17,151	-	125,000	-	5,386,990		-	-	-	-
2400 C/I/I Collections (Commercial /Industrial/Institutional)											
2420 Business Assistance Supporting Activities	214,870	107,435						-		107,435	-
Sub-total	214,870	107,435	-	-	-			-	-	107,435	-
Total Discard Management	11,658,838	715,869	3,880,187	151,351	833,339	5,386,990	-	-	485,641	107,435	98,026

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
3000-COMMUNICATION, ADMINISTRATION, PLANNING											
3020 Miscellaneous Small Grants Administration	300,000			300,000							
Sub-total	300,000	-	-	300,000	-	-		-	-	-	-
3200 Other General Activities											
3210 Property Management	123,389		123,389								
3220 Disposal Reporting	160,302	48,091			112,211						
3230 Technical Advisory Committee	48,908	48,908									
3240 Fee Enforcement	389,060	389,060									
Sub-total	721,660	486,059	123,389	-	112,211	-		-	-	-	-
3400 Planning											
3410 General Planning	73,655	73,655									
3420 Every Other Week Collection Pilot	73,867		73,867								
3430 ColWMP Amendments Application	12,452	12,452									
3460 Five Year Audit	172,734								172,734		
Sub-total	332,708	86,107	73,867	-	-	-		-	172,734	-	-
3500 Agency Communications											
3510 General Agency Communication	962,361	901,261							61,100		
3520 4Rs Education	109,433	109,433									
3530 Legislation	253,960	213,960							40,000		
Sub-total	1,325,754	1,224,654	-	-				-	101,100	-	-
Total Communication, Administration, Planning	2,680,122	1,796,820	197,256	300,000	112,211	-		-	273,834	-	-
Total Project Expenditures	37,915,824	3,668,741	4,177,314	6,948,916	945,550	5,632,726	13,752,375	-	922,475	815,964	1,051,762

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

		Energy Council Board					Recycling Board				
Total		Waste Management Authority									
Cost		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
REVENUES											
Benchmark Fees	857,000				857,000						
HHW Fees	6,930,605					6,930,605					
Energy Council	13,752,375						13,752,375				
Tonnage revenues	10,530,590	4,462,015	2,431,623					1,212,316	808,212	808,212	808,212
Interest	62,000	6,200	45,800					10,000			
Externally funded revenues	6,939,782			6,939,782							
Property and Other revenues	480,000		480,000								
Total revenues	39,552,352	4,468,215	2,957,423	6,939,782	857,000	6,930,605	13,752,375	1,222,316	808,212	808,212	808,212
TRANSFERS											
From OPD Reserve to fund Every Other Week Collection Pilot (3420)	73,867		73,867								
From MRF Reserves to fund MRF Operations Monitoring (2120)	532,687		532,687								
Return Unused FY 2013 MRF allocation to MRF Reserve	(381,500)		(381,500)								
From Product Decisions Reserve to fund Regionalizing Bay Friendly (1140)	68,487	68,487									
From OPD Reserve to fund Mandatory Recycling Implementation (2090)	60,000		60,000								
To OPD Reserve from Facility Fee Fund Balance	(1,085,019)	(1,085,019)									
Expected Transfer from County Environmental Health	892,709					892,709					
Total Net Transfers	161,231	(1,016,532)	285,054	-	-	892,709		-	-	-	-
FUND BALANCE											
Beginning fund balance 7/1/14	7,941,661	3,138,575	1,573,557		196,096		1,078	911,508	1,365,971	377,051	377,826
Beginning Fund Balance 7/1/14	7,941,661	3,138,575	1,573,557	-	196,096	-	1,078	911,508	1,365,971	377,051	377,826
AVAILABLE FUNDING	47,655,243	6,590,258	4,816,033	6,939,782	1,053,096	7,823,314	13,753,452	2,133,824	2,174,183	1,185,263	1,186,038
Less: Project Expenditures	(37,915,824)	(3,668,741)	(4,177,314)	(6,948,916)	(945,550)	(5,632,726)	(13,752,375)	-	(922,475)	(815,964)	(1,051,762)
From Facilities fund to Externally Funded fund ****		(9,134)		9,134							
From Grants to Non-Profit fund to cover Benchmark related costs**					88,550				(88,550)		
ENDING FUND BALANCE	\$ 9,739,420	\$ 2,912,383	\$ 638,719	(0)	196,096	2,190,588	1,078	\$ 2,133,824	\$ 1,163,157	\$ 369,299	\$ 134,276
OTHER PROJECTS:											
Revolving Loan (RLF): (Project 2030)											
Beginning fund balance	\$ 1,818,118										
Revenues	21,000										
Loan Repayment	358,000										
Project cost (loans and expenses)	(947,416)										
Ending fund balance	\$ 1,249,702										
RB Municipalities (Measure D 50%) (Project 2220)											
Beginning fund balance	\$ 587										
Revenues	4,042,058										
Project cost	(4,042,645)										
Ending fund balance	\$ (0)										
Public Agency Environ. Pref. Purch.Measure D 5% (proj. 1210)											
Beginning fund balance	\$ 223,076										
Revenues	404,106										
Project cost	(627,182)										
Ending fund balance	\$ (0)										
Total project cost including other projects	\$ 43,533,067										
Total revenues including other projects	\$ 44,377,516										
NOTE											
Facility Fees=Authority user fee of \$4.34 per ton.											
Mitigation Fees= Import Mitigation Fee of \$4.53 per ton collected on all other wastes landfilled in Alameda County that originate out-of-county except San Francisco waste fee is currently \$6.10 per ton.											
RB Discretionary=Recycling Board Discretionary Fund - 15% of Measure D fees, of which 3% may be used to cover expenses necessary to administer the recycling fund.											
RB Grants to Non-Profit = Recycling Board Grants to Non-Profit Fund - 10% of Measure D fees.											
RB Source Reduction= Recycling Board Source Reduction Fund - 10% of Measure D fees.											
RB Market Development = Recycling Board Market Development Fund - 10% of Measure D fees.											
RB Recycled Prod. Pref. = Recycling Board Recycled Product Price Preference Fund - 5% of Measure D fees.											
RB Minicipalities = Recycling Board Municipalities Fund - 50% of Measure D fees.											
RLF = Revolving Loan Fund											
**** Transferring previous year's BayRoc contributions to the BayRoc project.											
**Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter. Therefore, if the actual costs for the benchmark service in FY14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.											

NOTE

Facility Fees=Authority user fee of \$4.34 per ton.

Mitigation Fees= Import Mitigation Fee of \$4.53 per ton collected on all other wastes landfilled in Alameda County that originate out-of-county except San Francisco waste fee is currently \$6.10 per ton.

RB Discretionary=Recycling Board Discretionary Fund - 15% of Measure D fees, of which 3% may be used to cover expenses necessary to administer the recycling fund.

RB Grants to Non-Profit = Recycling Board Grants to Non-Profit Fund - 10% of Measure D fees.

RB Source Reduction= Recycling Board Source Reduction Fund - 10% of Measure D fees.

RB Market Development = Recycling Board Market Development Fund - 10% of Measure D fees.

RB Recycled Prod. Pref. = Recycling Board Recycled Product Price Preference Fund - 5% of Measure D fees.

RB Municipalities = Recycling Board Municipalities Fund - 50% of Measure D fees.

RLF = Revolving Loan Fund

**Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter.

Therefore, if the actual costs for the benchmark service in FY14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

**** Transferring previous year's BayRoc contributions to the BayRoc project.

ENERGY COUNCIL
FUND BALANCES AVAILABLE
FISCAL YEAR 2014-2015 MID-YEAR BUDGET

ATTACHMENT 3

	<i>BEG. FUND BALANCE JULY 1, 2014</i>	<i>ADJUST- MENTS</i>	<i>BEG. FUND BALANCE JULY 1, 2014</i>	<i>PROJECTED REVENUE</i>	<i>PROJECTED APPROPRIA- TIONS</i>	<i>TRANSFERS</i>	<i>FUND BALANCE JUNE 30, 2015</i>
Energy Council	1,078		\$ 1,078	13,752,375	(13,752,375)		1,078
<i>Energy Council Total</i>	1078	0	1078	\$ 13,752,375	\$ (13,752,375)	0	1,078

Attachment C

ALAMEDA COUNTY SOURCE REDUCTION AND RECYCLING BOARD

RESOLUTION #RB 2014-

MOVED:

SECONDED:

**AT THE MEETING HELD DECEMBER 11, 2014
THE RECYCLING BOARD AUTHORIZES ADOPTION OF THE
FISCAL YEAR 2014/15 MID-YEAR BUDGET ADJUSTMENT**

WHEREAS, the Alameda County Source Reduction and Recycling Board approved the Fiscal Year 2014/15 Budget by Resolution #RB 2014-1, and

WHEREAS, staff has reviewed the budgetary activity from July 1, 2014 and made adjustments as appropriate, and

WHEREAS, these changes were presented to the Recycling Board for review and approval.

NOW THEREFORE, BE IT RESOLVED, that the Alameda County Source Reduction and Recycling Board hereby approves the adjusted budget as it pertains to Recycling Board operations as shown on attachments 2, 3, and 4.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

Gary Wolff, Executive Director

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

		Energy Council Board					Recycling Board				
Total		Waste Management Authority									
Cost		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
EXPENDITURES											
1000 -PRODUCT DECISION:											
1020 Technical Assistance and Services	\$ 471,649	\$ 157,248								\$ 157,200	\$ 157,200
1030 BayROC (Bay Area Regional Recycling Outreach Coalition)	21,383	21,383									
1031 BayROC External Contributions	109,134			\$ 109,134							
Sub-total	602,165	178,630	-	109,134	-	-		-	-	157,200	157,200
1100 Bay Friendly											
1110 Bay-Friendly Schoolyards	15,968	\$ 5,324								\$ 5,322	\$ 5,322
1111 Bay-Friendly Schoolyards (Prop. 84 Funding)	75,914			75,914							
1140 Regionalizing Bay Friendly	143,487	68,487							75,000		
1150 Bay Friendly Water Efficient Landscape Prop 84 (WMA)	156,711	13,871	13,871						18,000	90,162	20,807
1151 Bay Friendly Water Efficient Landscape Prop 84 (DWR)	35,099			35,099							
1152 Water Efficient Landscape Prop 84 Round II DWR Project Report	200,071			200,071							
1153 Bay Friendly Prop 84 Round 3	5,910,763			5,910,763							
Sub-total	6,538,013	87,682	13,871	6,221,847	-	-		-	93,000	95,484	26,129
1200 Product Purchasing and Manufacturing											
1220 Waste Prevention: Institutional/Food Service	461,206	230,603								230,603	
1230 Waste Prevention: Reusable Transport Packaging	237,298	79,115								79,092	79,092
1231 Waste Preventions: Reusable Transport Packaging (EPA Funding)	102,250			102,250							
1240 HHW Point of Purchase Alternatives	245,736					245,736					
1250 Waste Prevention: Reusable Bag Ordinance Implementation	217,084	217,084									
1260 Recycled Content: Compost and Mulch	513,603	171,235									342,368
1270 Recycled Content: Building Materials	414,500	131,526							20,000		262,974
1280 Hard to Recycle: Institutional and Commercial Food Service Ware & Pa	170,353	60,176							50,000	60,176	
1290 Labeling	257,946		85,999							85,973	85,973
Sub-total	2,619,976	889,740	85,999	102,250	-	245,736		-	70,000	455,844	770,406
1300 Energy Council											
1339 EUC Community Outreach	64,335			64,335							
1347 BayREN (Bay Regional Energy Network)	13,321,752						\$13,321,752				
1348 PG&E Energy Programs	229,592						229,592				
1349 Energy Council Offset	201,030						201,030				
Sub-total	13,816,710	-	-	64,335	-		13,752,375	-	-	-	-
Total Product Decisions											
	23,576,864	1,156,053	99,870	6,497,566	-	245,736	13,752,375	-	163,000	708,529	953,736

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
2000-DISCARD MANAGEMENT											
2020 Schools Transfer Station Tours	591,283	591,283									
2040 Competitive Grants	390,641								390,641		
2050 Ready, Set, Recycle Contest	1,393,836		1,298,836						95,000		
2061 Green Star Schools Activities	26,351			26,351							
2070 Benchmark Report Production and Distribution	309,168				309,168						
2080 Benchmark Data and Analysis	524,171				524,171						
2090 Mandatory Recycling Implementation	2,043,505		2,043,505								
Sub-total	5,278,955	591,283	3,342,342	26,351	833,339	-		-	485,641	-	-
2100 Processing Facilities											
2110 Construction & Demolition Debris Recycling	103,185		5,159								98,026
2120 Materials Recovery Facility Operations & Monitoring	532,687		532,687								
			-								
Sub-total	635,872	-	537,846	-	-	-		-	-	-	98,026
2300 Hazardous Waste											
2310 Hazardous Waste	17,151	17,151									
2311 Used Oil Recycling Grant	125,000			125,000							
2312 Household Hazardous Waste Facilities	5,386,990					5,386,990					
Sub-total	5,529,141	17,151	-	125,000	-	5,386,990		-	-	-	-
2400 C/I/I Collections (Commercial /Industrial/Institutional)											
2420 Business Assistance Supporting Activities	214,870	107,435						-		107,435	-
Sub-total	214,870	107,435	-	-	-			-	-	107,435	-
Total Discard Management	11,658,838	715,869	3,880,187	151,351	833,339	5,386,990	-	-	485,641	107,435	98,026

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

	Total	Waste Management Authority					Energy Council Board	Recycling Board			
		Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
3000-COMMUNICATION, ADMINISTRATION, PLANNING											
3020 Miscellaneous Small Grants Administration	300,000			300,000							
Sub-total	300,000	-	-	300,000	-	-		-	-	-	-
3200 Other General Activities											
3210 Property Management	123,389		123,389								
3220 Disposal Reporting	160,302	48,091			112,211						
3230 Technical Advisory Committee	48,908	48,908									
3240 Fee Enforcement	389,060	389,060									
Sub-total	721,660	486,059	123,389	-	112,211	-		-	-	-	-
3400 Planning											
3410 General Planning	73,655	73,655									
3420 Every Other Week Collection Pilot	73,867		73,867								
3430 ColWMP Amendments Application	12,452	12,452									
3460 Five Year Audit	172,734								172,734		
Sub-total	332,708	86,107	73,867	-	-	-		-	172,734	-	-
3500 Agency Communications											
3510 General Agency Communication	962,361	901,261							61,100		
3520 4Rs Education	109,433	109,433									
3530 Legislation	253,960	213,960							40,000		
Sub-total	1,325,754	1,224,654	-	-				-	101,100	-	-
Total Communication, Administration, Planning	2,680,122	1,796,820	197,256	300,000	112,211	-		-	273,834	-	-
Total Project Expenditures	37,915,824	3,668,741	4,177,314	6,948,916	945,550	5,632,726	13,752,375	-	922,475	815,964	1,051,762

WASTE MANAGEMENT AUTHORITY & SOURCE REDUCTION AND RECYCLING BOARD & ENERGY COUNCIL
Projects by Funding Source- Midyear Budget FY 14/15

		Energy Council Board					Recycling Board			
Total	Waste Management Authority									
Cost	Facility Fee	Mitigation Fee	Externally Funded	Benchmark Fee	HHW Fees	Energy Council	RB Discretionary**	RB Grants to Non-Profit	RB Source Reduction	RB Market Development
REVENUES										
Benchmark Fees	857,000			857,000						
HHW Fees	6,930,605				6,930,605					
Energy Council	13,752,375					13,752,375				
Tonnage revenues	10,530,590	4,462,015	2,431,623				1,212,316	808,212	808,212	808,212
Interest	62,000	6,200	45,800				10,000			
Externally funded revenues	6,939,782		6,939,782							
Property and Other revenues	480,000		480,000							
Total revenues	39,552,352	4,468,215	2,957,423	6,939,782	857,000	6,930,605	13,752,375	1,222,316	808,212	808,212
TRANSFERS										
From OPD Reserve to fund Every Other Week Collection Pilot (3420)	73,867		73,867							
From MRF Reserves to fund MRF Operations Monitoring (2120)	532,687		532,687							
Return Unused FY 2013 MRF allocation to MRF Reserve	(381,500)		(381,500)							
From Product Decisions Reserve to fund Regionalizing Bay Friendly (1140)	68,487	68,487								
From OPD Reserve to fund Mandatory Recycling Implementation (2090)	60,000		60,000							
To OPD Reserve from Facility Fee Fund Balance	(1,085,019)	(1,085,019)								
Expected Transfer from County Environmental Health	892,709				892,709					
Total Net Transfers	161,231	(1,016,532)	285,054	-	-	892,709	-	-	-	-
FUND BALANCE										
Beginning fund balance 7/1/14	7,941,661	3,138,575	1,573,557		196,096		1,078	911,508	1,365,971	377,051
Beginning Fund Balance 7/1/14	7,941,661	3,138,575	1,573,557	-	196,096	-	1,078	911,508	1,365,971	377,051
AVAILABLE FUNDING	47,655,243	6,590,258	4,816,033	6,939,782	1,053,096	7,823,314	13,753,452	2,133,824	2,174,183	1,185,263
Less: Project Expenditures	(37,915,824)	(3,668,741)	(4,177,314)	(6,948,916)	(945,550)	(5,632,726)	(13,752,375)	-	(922,475)	(815,964)
From Facilities fund to Externally Funded fund ****		(9,134)		9,134						(1,051,762)
From Grants to Non-Profit fund to cover Benchmark related costs**					88,550				(88,550)	
ENDING FUND BALANCE	\$ 9,739,420	\$ 2,912,383	\$ 638,719	(0)	196,096	2,190,588	1,078	\$ 2,133,824	\$ 1,163,157	\$ 369,299
OTHER PROJECTS:										
Revolving Loan (RLF): (Project 2030)										
Beginning fund balance	\$ 1,818,118									
Revenues	21,000									
Loan Repayment	358,000									
Project cost (loans and expenses)	(947,416)									
Ending fund balance	\$ 1,249,702									
RB Municipalities (Measure D 50%) (Project 2220)										
Beginning fund balance	\$ 587									
Revenues	4,042,058									
Project cost	(4,042,645)									
Ending fund balance	\$ (0)									
Public Agency Environ. Pref. Purch.Measure D 5% (proj. 1210)										
Beginning fund balance	\$ 223,076									
Revenues	404,106									
Project cost	(627,182)									
Ending fund balance	\$ (0)									
Total project cost including other projects	\$ 43,533,067									
Total revenues including other projects	\$ 44,377,516									

NOTE

Facility Fees=Authority user fee of \$4.34 per ton.

Mitigation Fees= Import Mitigation Fee of \$4.53 per ton collected on all other wastes landfilled in Alameda County that originate out-of-county except San Francisco waste fee is currently \$6.10 per ton.

RB Discretionary=Recycling Board Discretionary Fund - 15% of Measure D fees, of which 3% may be used to cover expenses necessary to administer the recycling fund.

RB Grants to Non-Profit = Recycling Board Grants to Non-Profit Fund - 10% of Measure D fees.

RB Source Reduction= Recycling Board Source Reduction Fund - 10% of Measure D fees.

RB Market Development = Recycling Board Market Development Fund - 10% of Measure D fees.

RB Recycled Prod. Pref. = Recycling Board Recycled Product Price Preference Fund - 5% of Measure D fees.

RB Minicipalities = Recycling Board Municipalities Fund - 50% of Measure D fees.

RLF = Revolving Loan Fund

**Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter.

Therefore, if the actual costs for the benchmark service in FY14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

**** Transferring previous year’s BayRoc contributions to the BayRoc project.

NOTE

Facility Fees=Authority user fee of \$4.34 per ton.
Mitigation Fees= Import Mitigation Fee of \$4.53 per ton collected on all other wastes landfilled in Alameda County that originate out-of-county except San Francisco waste fee is currently \$6.10 per ton.
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RB Market Development = Recycling Board Market Development Fund - 10% of Measure D fees.
RB Recycled Prod. Pref. = Recycling Board Recycled Product Price Preference Fund - 5% of Measure D fees.
RB Municipalities = Recycling Board Municipalities Fund - 50% of Measure D fees.
RLF = Revolving Loan Fund

**Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter.
Therefore, if the actual costs for the benchmark service in FY14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

**** Transferring previous year's BayRoc contributions to the BayRoc project.

ATTACHMENT 3

**ALAMEDA COUNTY SOURCE REDUCTION AND RECYCLING BOARD
FUND BALANCES AVAILABLE
FISCAL YEAR 2014-2015 MID-YEAR BUDGET**

FUND NAME									
RB		BEG. FUND BALANCE JULY 1, 2014	ADJUST- MENTS	ADJUSTED BEG. FUND BALANCE JULY 1, 2014	PROJECTED REVENUE	PROJECTED APPROPRIA- TIONS	TRANSFERS	ESTIMATED FUND BALANCE JUNE 30, 2015	
RECYCLING BOARD	% **								
Discretionary****	15%	911,508		911,508	1,222,316			2,133,824	
Grants to Non-Profits	10%	1,365,971		1,365,971	808,212	(922,476)	(88,550) (b)	1,163,157	
Source Reduction	10%	377,051		377,051	808,212	(815,964)		369,299	
Market Development	10%	377,826		377,826	808,212	(1,051,762)		134,276	
Recycled Product Price Pref.	5%	223,076		223,076	404,106	(627,182)		0	
Municipalities Allocation	50%	587		587	4,042,058	(4,042,645)		0	
Recycling Board Total		3,256,019	-	3,256,019	8,093,116	(7,460,029)	(88,550)	3,800,556	
Revolving Loan		1,818,118		1,818,118	379,000	(947,416)		1,249,702	

** 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.

(b) Estimated benchmark related costs are higher than estimated benchmark fee revenue in FY14-15 due to a special study which may be paid for from the grants to non-profits funding source per the language of the County Charter. Therefore, if the actual costs for the benchmark service in FY 14-15 exceed actual revenue, the difference will be paid for from the grants to non-profits funding source.

ATTACHMENT 4

ALAMEDA COUNTY SOURCE REDUCTION AND RECYCLING BOARD
SCHEDULE OF RESERVES
FISCAL YEAR 2014-2015 MID-YEAR BUDGET

<i>DESCRIPTION</i>	RB			
	<i>BALANCE JULY 1, 2014</i>	<i>TRANSFERS IN</i>	<i>TRANSFERS OUT</i>	<i>BALANCE JUNE 30, 2015</i>
FISCAL RESERVE	\$ 694,981			\$ 694,981
Total	<u>\$ 694,981</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 694,981</u>

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Date: November 14, 2014

TO: Waste Management Authority Board

FROM: Gary Wolff, Executive Director

SUBJECT: WMA Vacancies on the Recycling Board

BACKGROUND

Board members Natarajan and Wozniak have completed their terms on the Recycling Board, so there are now two vacancies that can be filled by the WMA. Any member of the WMA Board that has not already served on the Recycling Board is eligible to serve. Each appointment is for a two-year term, and there is a term limit of four years in total. WMA Board members West, Cutter, Kalb, Carson, Tam, Maass, Sadoff, Freitas, and Rood are eligible to fill the vacancy. However, members West and Tam will be leaving the WMA Board soon, and some other eligible members have previously been unavailable to serve. Board member Rood has expressed an interest in serving on the Recycling Board.

As background for these decisions, the Recycling Board also serves as the Planning and Organization (P&O) Committee of the WMA. This means it reviews County Integrated Waste Management Plan (CIWMP) amendments and long-term planning issues, and any potential changes in StopWaste organizational structure. It also has direct authority over a significant part of the agency budget. The Board usually meets on the second Thursday of the month. Seven of those meetings are from 4-6 p.m. at the StopWaste office. Five meetings are from 7-9 p.m., one in each Supervisorial District, in order to foster public engagement. In addition to the five WMA members appointed to the Recycling Board by the WMA Board, there are six citizen experts in various aspects of solid waste management appointed by the Board of Supervisors (i.e., environmental education, materials processing, environmental organizations, source reduction, solid waste industry, and recycling programs).

The County Charter requires monthly meetings, and members who miss two meetings in a row or more than three in a calendar year are automatically dismissed from the Board. However, interim appointments may be made by the WMA Board, when a Recycling Board member who is also on the WMA Board knows of a schedule conflict in advance.

RECOMMENDATION

Make appointments to the Recycling Board.

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November 19, 2014

TO: Waste Management Authority, Energy Council & Recycling Board

FROM: Gary Wolff, Executive Director
Wendy Sommer, Deputy Executive Director

SUBJECT: 2015 Meeting Schedule

REGULAR BOARD MEETING SCHEDULE

The regular meeting schedule for the Authority Board and the Energy Council is the fourth Wednesday of each month at 3:00 p.m., except where noted differently (*). Authority Board and Energy Council meetings are held at 1537 Webster St., Oakland, CA.

If you concur, the 2015 meeting dates for the Authority Board will be as follows:

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
January 28 *Joint Meeting WMA/EC/RB	3:00 P.M.	1537 Webster Street
February 25	3:00 p.m.	1537 Webster Street
March 25	3:00 p.m.	1537 Webster Street
April 22 *Joint Meeting WMA/EC/RB	3:00 p.m.	1537 Webster Street
May 27	3:00 p.m.	1537 Webster Street
June 24	3:00 p.m.	1537 Webster Street
July 22	3:00 p.m.	1537 Webster Street
August 26 - Cancelled	AUGUST RECESS	
September 16 (<i>*3rd Wednesday</i>)	3:00 p.m.	1537 Webster Street
October 28	3:00 p.m.	1537 Webster Street
November 18 (<i>*3rd Wednesday</i>)	3:00 p.m.	1537 Webster Street
December 16 (<i>*3rd Wednesday</i>)	3:00 p.m.	1537 Webster Street

COMMITTEE MEETING SCHEDULE

Programs & Administration Committee (2nd Thursday each month)

The regular meeting schedule for the Programs & Administration Committee is the second Thursday of each month at 9:00 a.m., except where noted differently (*). The meetings are held at 1537 Webster St., Oakland.

The 2015 meeting dates for the Programs & Administration Committee are as follows:

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
January 8 - Cancelled	9:00 a.m.	1537 Webster Street
February 12	9:00 a.m.	1537 Webster Street
March 12	9:00 a.m.	1537 Webster Street, Oakland
April 9	9:00 a.m.	1537 Webster Street, Oakland
May 14	9:00 a.m.	1537 Webster Street, Oakland
June 11	9:00 a.m.	1537 Webster Street, Oakland
July 9	9:00 a.m.	1537 Webster Street, Oakland
August 13 - Cancelled	AUGUST RECESS	
September 10	9:00 a.m.	1537 Webster Street, Oakland
October 8	9:00 a.m.	1537 Webster Street, Oakland
November 12	9:00 a.m.	1537 Webster Street, Oakland
December 10	9:00 a.m.	1537 Webster Street, Oakland

COMMITTEE MEETING SCHEDULE

Recycling Board/ Planning & Organization Committee (2nd Thursday each month)

The regular meeting schedule for the Recycling Board/ Planning & Organization Committee is the second Thursday of each month at 4:00 p.m. or 7:00 p.m., except where noted differently (*). The meetings are held at 1537 Webster St., Oakland.

The 2015 meeting dates for the Recycling Board/Planning & Organization Committee are:

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
January 8 Cancelled	4:00 p.m.	1537 Webster Street, Oakland
January 28 *Joint Meeting WMA/EC/RB	3:00 P.M.	1537 Webster Street, Oakland
February 12	4:00 p.m.	1537 Webster Street, Oakland
March 12	4:00 p.m.	1537 Webster Street, Oakland
April 9	7:00 p.m.	District 3 - San Leandro <i>Tentative: San Leandro Library 300 Estudillo Ave., San Leandro, CA</i>
April 22 *Joint Meeting WMA/EC/RB	3:00 p.m.	1537 Webster Street, Oakland
May 14	7:00 p.m.	District 2 – Hayward <i>Tentative: Hayward City Hall 777 B Street, Hayward, CA 94541</i>
June 11	4:00 p.m.	1537 Webster Street, Oakland
July 9	7:00 p.m.	District 1 – Fremont <i>Tentative: Fremont Recycling and Transfer Station, 41149 Boyce Road, Fremont</i>
August 13	4:00 p.m.	1537 Webster Street, Oakland
September 10	7:00 p.m.	District 5 - Oakland StopWaste, 1537 Webster Street, Oakland
October 8	4:00 p.m.	1537 Webster Street, Oakland
November 12	7:00 p.m.	District 4 - Castro Valley <i>Tentative: Castro Valley Library 20055 Redwood Road, Castro Valley</i>
December 10	4:00 p.m.	1537 Webster Street, Oakland

HOLIDAY SCHEDULE

2015

<u>DAY(S)</u>	<u>DATE(S)</u>	<u>REASON</u>
Thursday	January 1	New Year's Day
Monday	January 19	Martin Luther King, Jr. Birthday
Monday	February 16	Presidents Day
Monday	May 25	Memorial Day
Friday	July 3	Independence Day
Monday	September 7	Labor Day
Monday	October 12	Indigenous Peoples/ Columbus Day
Wednesday	November 11	Veteran's Day
Thursday & Friday	November 26 & 27	Thanksgiving & Day After
Thursday & Friday	December 24 & 25	Christmas Eve & Christmas Day

DATE: November 12, 2014

TO: The Energy Council (EC)

FROM: Gary Wolff, Executive Director
Wendy Sommer, Deputy Executive Director

BY: Karen Kho, Senior Program Manager

SUBJECT: Water-Energy Grant Application Authorization - Resolution

BACKGROUND

In July 2013, the Energy Council adopted eight priority areas for programs in 2013-15, including water-energy nexus. Staff has been working with the EC Technical Advisory Group and external partners, including the Alameda County Office of Education and water suppliers operating in Alameda County, to identify funding opportunities and eligible projects. Initial outreach targeting the multifamily, schools, municipal, and hospitality sectors yielded dozens of potential water-energy projects for inclusion in either the current grant proposal or future proposals.

DISCUSSION

In September 2014, the Department of Water Resources (DWR) released the final guidelines for a Water-Energy Grant Program. This program will allocate \$19 million of Cap and Trade funding to projects statewide. In order to be competitive, proposals must demonstrate significant water savings, energy savings, GHG reductions, and benefit a Cal-EPA-designated Disadvantaged Community (DAC), which include portions of San Leandro, Oakland and Union City. Staff is currently reviewing potential projects suggested by member agencies and other partners using these criteria. The proposal, entitled Water-Energy Upgrade in Alameda County DACs, will include eligible projects and will be submitted to DWR on the December 12, 2014 deadline. In order to comply with the grant application requirements, staff is asking the Energy Council to approve by Resolution the DWR Resolution in Attachment A, which authorizes the Executive Director to apply for, executive, and manage a grant, if made by DWR.

Although the language of the DWR resolution suggests that the Energy Council would not need to be consulted again for the Executive Director to accept or spend a grant, that is not the case. All expenditures of the Energy Council must be included in its budget, so any grant that is offered cannot actually be spent without a later budget action by the Council. Staff will request such authorization, including a scope of services and budget, should DWR offer us a Water-Energy grant.

RECOMMENDATION

Adopt the Resolution attached.

**ENERGY COUNCIL
RESOLUTION #EC 2014 –**

**MOVED:
SECONDED:**

AT THE MEETING HELD NOVEMBER 19, 2014

**RESOLUTION AUTHORIZING THE ENERGY COUNCIL AS GRANT DESIGNEE FOR CALIFORNIA
DEPARTMENT OF WATER RESOURCES 2014 WATER ENERGY GRANT**

WHEREAS, the Energy Council was formed to seek funding to develop and implement programs and policies that reduce energy demand, increase energy efficiency, advance the use of clean, efficient and renewable resources, and help create climate resilient communities; and

WHEREAS, the Energy Council adopted priority areas for programs in 2013-15 that include water-energy nexus; and

WHEREAS, the California Legislature recognized the opportunity for greenhouse gas emissions reductions from water and energy efficiency projects and authorized using Cap and Trade proceeds for this purpose; and

WHEREAS, the Department of Water Resources (DWR) released a request for proposals for a 2014 Water Energy Grant Program; and

WHEREAS, the Energy Council Technical Advisory Group (TAG) has provided ongoing input and helped identify eligible projects; and

WHEREAS, the California EPA has released a map designating Disadvantaged Communities in portions of Alameda County; and

WHEREAS, Energy Council intends to submit a proposal to DWR for water-energy projects located in Alameda County DACs; and

WHEREAS, the Department of Water Resources requires the proposal to include the resolution in Attachment A authorizing Energy Council as grant designee.

NOW THEREFORE, BE IT RESOLVED, that the Energy Council hereby approves the attached resolution provided by the Department of Water Resources:

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAINED:

Gary Wolff, PE, PhD
Executive Director

Attachment A

Resolution No. XXX

Authorizing the Energy Council as Grant Designee

Resolved by the Board of the Energy Council, that application be made to the California Department of Water Resources to obtain a 2014 Water-Energy Grant pursuant to Senate Bill No. 103 Section 11 (2013-2014 Regular Session), and to enter into an agreement to receive a grant for the: Water-Energy Upgrades in Alameda County DACs. The Executive Director of the Energy Council, or designee, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement and any amendments thereto, with California Department of Water Resources.

Passed and adopted at a meeting of the Energy Council on November 19, 2014.

Authorized Original Signature: _____

Printed Name: _____

Title: _____

Clerk/Secretary: _____

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DATE: November 12, 2014

TO: WMA Board and Energy Council

FROM: Gary Wolff, Executive Director

BY: Wes Sullens, Program Manager

SUBJECT: LEED-EB Certification of StopWaste Headquarters

BACKGROUND

When StopWaste decided to renovate a building and move our headquarters to downtown Oakland, we set goals for our new space to be a shining example of green design, construction and operation. We succeeded, and were awarded the prestigious LEED Platinum certification by the US Green Building Council under their New Construction & Major Renovation (LEED-NC) rating system in 2007. We were the first major renovation project in the country to achieve Platinum certification, and we did it for less than a 3% incremental cost over base construction.

DISCUSSION

In the years since our building was opened in 2007, we have continued to operate our green building in a way that minimizes impact on the environment, saves money, and provides a pleasant work environment. We use energy and water wisely, and purchase green products where we can. We recycle and compost, and analyze our purchases to make sure items brought into the building can be recycled or composted at end of life. We are a certified green business, a Water Smart award winner, and have earned the Energy Star designation since 2010. One of our projects -- including statistical analysis by academic real estate professionals -- found that buildings with credible green labels are worth about 9% more when sold than comparable buildings without such labels.

The LEED rating system has been through a number of changes in the 7 years since our original LEED-NC certification. LEED is now in 150 countries worldwide, comprising more than 220,000 projects, and over 10 billion square feet of construction. The USGBC now certifies over 1.5 million square feet of space to the LEED standard every day. Green buildings represent half of the US commercial construction market value, and that number is growing as things like green codes become mainstream. To capture the momentum, in 2013 the USGBC finalized a fourth major iteration of the LEED rating system since its inception in the early 1990's (called in the field "LEED v4"). LEED v4 raises the bar for green building strategies, and with new international benchmarks, makes it a global rating system. Due to our long-term involvement with LEED, we were able to

enroll the StopWaste building as a beta project for the then very new LEED v4 rating system, which includes LEED for Existing Buildings (LEED-EB).

LEED for Existing Buildings is a different kind of rating system than LEED-NC for several reasons:

- Requires strict organizational policies for operating and maintaining a green building
- Requires a “performance period” where utilities, purchases and activities are monitored and reported to prove high performance
- Does not require any construction to take place
- Engages occupants with surveys and opportunities to help the process, such as conducting waste audits or monitoring an individual’s workstation energy demands

Our 12-month LEED-EB pursuit resulted in StopWaste achieving Platinum certification, with 81/100 points. This *makes us the first Platinum certification to the LEED Version 4 rating system on the planet!*

Some highlights:

- we recycle 81% of discarded materials from our building,
- bring 100% of our e-waste to qualified e-stewardship recyclers.
- 73% of our ongoing purchases meet rigorous green labels, and 85% of our cleaning products are green.
- we rate among the top 96% of buildings in the nation for energy use, achieving an ENERGY STAR score of 96/100.
- our onsite solar array provides about 10% of our electricity use, and we purchase renewable energy offsets for the remainder of our energy.
- we consistently use less than half the water of a typical office building indoors, and use very little water outside.
- our policies for purchasing and maintenance/janitorial ensure integrated pest management and non-toxic cleaning practices whenever possible.
- 66% of our staff gets to work using alternative transportation (e.g., public transit, bicycles, etc.)

By achieving LEED-EB Platinum, we've demonstrated our on-going commitment to green practices, and that we are among the worldwide leaders in such practices. But achieving EB Platinum does not mean we stop. We still have areas of improvement, including getting to near-zero waste, purchasing a greater percentage of our ongoing consumables that have sustainable attributes, improving interior comfort in some spaces in the building, and helping others to achieve similar successes. We are working with the Alameda Free Library to achieve LEED-EB certification and may (subject to funding availability) offer grants to other member agencies pursuing green certifications.

RECOMMENDATION

This item is for information only.

December 2014 Meetings Schedule

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

(Meetings are held at StopWaste unless otherwise noted)

SUN	MON	TUES	WED	THURS	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11 Programs & Administration Committee 9:00 AM CANCELLED <hr/> 4:00 PM Planning & Organization Committee /Recycling Board StopWaste Offices	12	13
14	15	16	17 3:00 PM Authority Board & Energy Council CANCELLED	18	19	20
21	22	23	24	25 AGENCY HOLIDAY	26 AGENCY HOLIDAY	27
28	29	30	31			

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Published on *GreenBiz.com* (<http://www.greenbiz.com>)

20 years later, Interface looks back on Ray Anderson's legacy

By *Mikhail Davis*

Created 2014-09-03 00:01

Twenty years ago last week, Interface founder and CEO Ray Anderson spoke the word "sustainability" for the first time. When reading GreenBiz or any of the other numerous media channels that cater to the field of "sustainable business," it's easy to forget that such a notion scarcely existed 20 years ago.

Today, nearly every large corporation devotes a section of its website to sustainability, including many that claim to have been committed to environmental stewardship since they were founded (as far back as the 19th century!). Ironically, Ray's story has such impact precisely because, unlike companies seeking to retroactively green their history, he fully acknowledged that he hadn't given a thought to the environment in the 20 years before his epiphany.

Only by dropping the pretense of a perfect green history and understanding the true nature of the journey to sustainability can companies hope to reach the top of Mount Sustainability. We hope that sharing the journey, bumps and all, helps other companies make the climb with us.

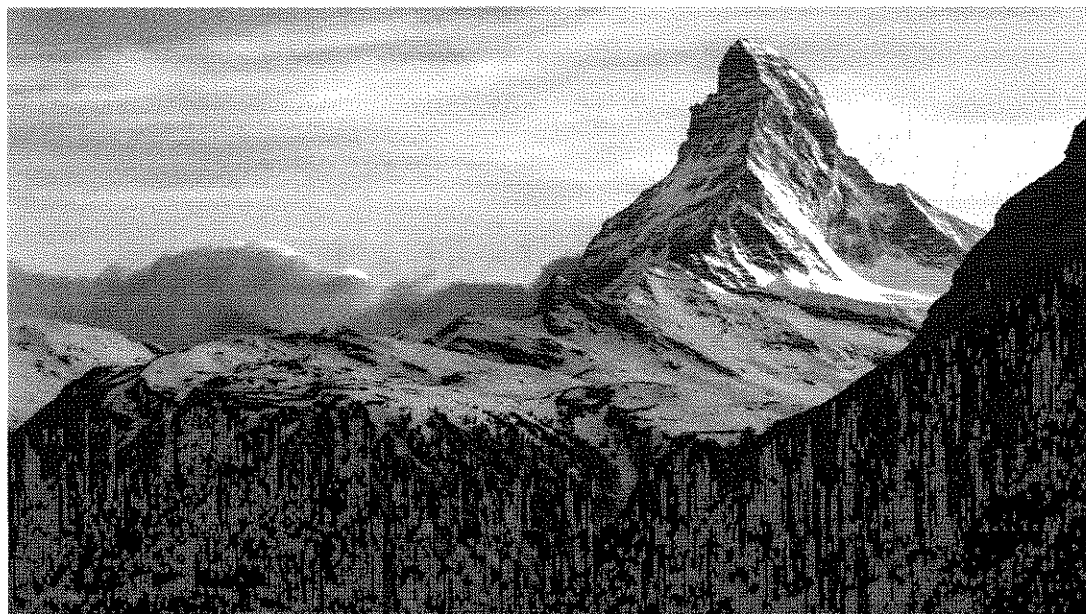
Moving through skepticism

At the time of his life-changing epiphany, Ray Anderson had just turned 60 and had lived the entrepreneur's dream, going from a guy with a few small investors and a crazy idea ("Why would you want to cut a perfectly good carpet into squares?" they asked him in 1973) to a millionaire CEO of a public company in 20 years. Ray later would become the first Toyota Prius owner in Georgia, but back in 1994, he drove a Bentley.

He was an unlikely tree-hugger at best. So when Ray first laid out his environmental vision to Interface's nascent Environmental Task Force on Aug. 31, 1994, reactions were mixed.

Buddy Hay, now assistant vice president of Sustainable Strategies, was an accountant in 1994. Hay said, "Most people didn't know what to think. We just had no idea what Ray meant. We thought of environmental sustainability as something for tree-huggers. How could this possibly apply to an industrial company like ours?"

Similarly, sales executive Kenn Rickman recalled, "Our first response was sympathy, because we all loved Ray and it was quite clear that he had snapped under the pressure of running the company."

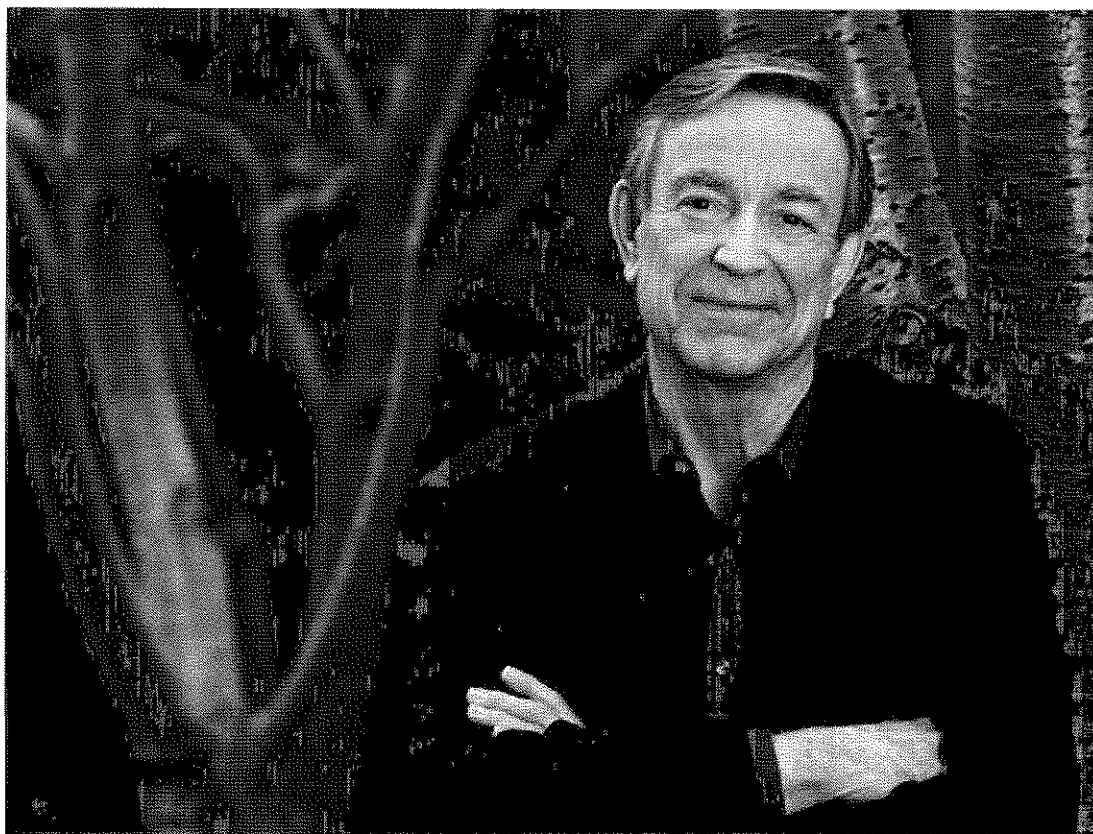


When Ray Anderson first used the word "sustainability," his goals seemed far away, even impossible. (Credit: Lee Yiu Tung via Shutterstock)

Current CEO Dan Hendrix, then CFO and a self-described "big, big skeptic" in 1994, recalled the first time Ray brought his sustainability message to a group of Wall Street investors: "The next day our analyst called to say that one of our biggest investors was dumping the stock because Ray had clearly gone 'round the bend.'" Ray later explained that it was part of his job as CEO to be 'round the bend' so he could see what was coming up next.

Over time, programs that linked bonuses for employees at all company levels to reductions in waste started to put meat on the bones of Ray's "business case for sustainability." The company could point to millions of dollars saved and Ray's latest crazy idea slowly started to look like another winner.

Another key moment occurred after one of many talks Ray gave to share his environmental vision with Interface associates. He wasn't sure he was getting through until he received the poem "Tomorrow's Child," written by Glenn Thomas, an associate who had been in attendance. Ray described it as "one of the most encouraging moments in my life," and used the poem in every talk he gave for the next 15 years, including the following year when he addressed 1,200 Interface associates and suppliers and unveiled the company's new vision. At this global meeting, Interface turned the corner on the skepticism that characterized the earliest days of our sustainability journey.



Interface founder and CEO Ray Anderson started out as an old-school, Bentley-driving businessman. (Credit: Interface)

Experimentation, failure and lessons learned

The next challenge was to figure out how to make Ray's impossible dream of sustainable and restorative business a reality. We started out neck-deep in petroleum with less than 1 percent of raw materials coming from recycled or renewable sources in 1996. Today we are at 49 percent, but it wasn't without some bumps along the way.

An early failed approach to recycling included a process that dissolved whole carpet tiles in a chemical solution to reclaim materials. Another process involved specialized energy-intensive facilities in two countries. Both were discontinued because they not only were more expensive, but actually increased our environmental footprint once we crunched the numbers. Our current recycled backing technology emerged only after the tough lessons of these failures.

Some product innovations took years, but finally succeeded. Over 13 years after attending our global sustainability meeting in 1997, our nylon supplier Aquafil made possible the first 100 percent recycled nylon carpet fiber, which we previously had been assured was technically and economically impossible.



Human Nature product collection is made with 100 percent recycled content nylon from Aquafil. (Credit: Interface)

Other innovations never took off. Solenium, an experiment in dematerialization, was a product woven on solar-powered machines with no nylon face fiber. It had a very low environmental footprint, but ultimately failed due to performance issues.

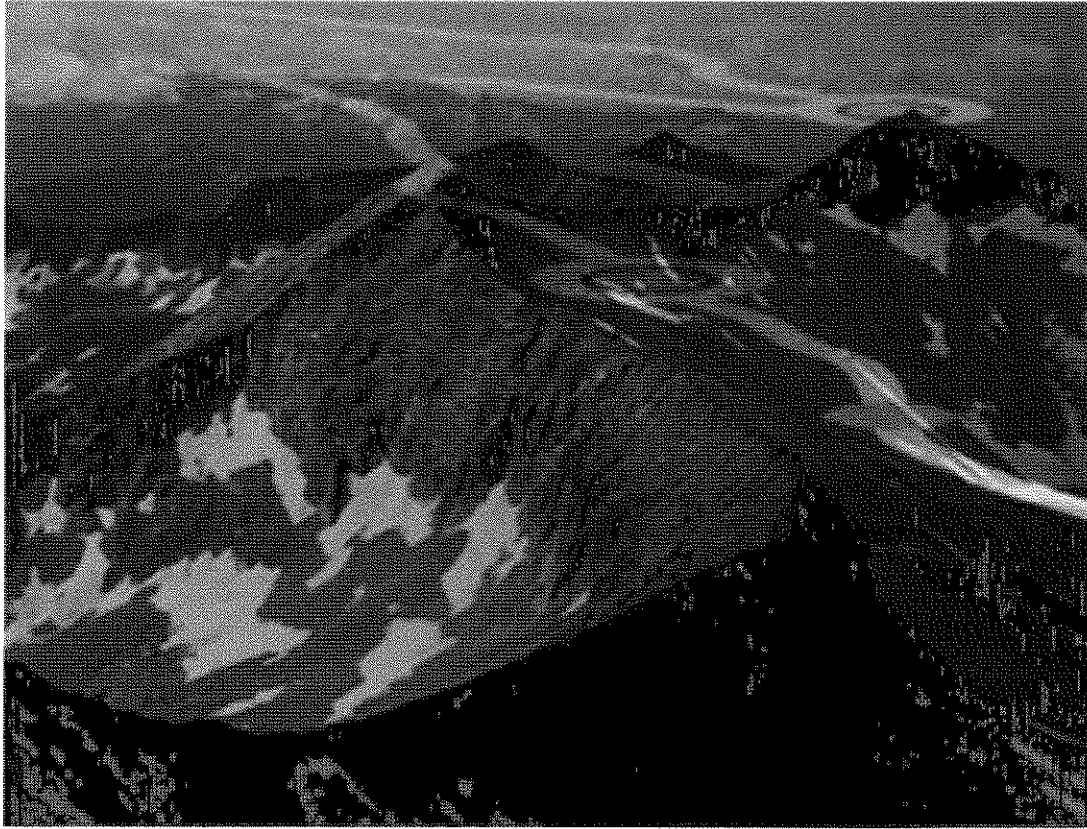
Another big idea, shifting carpet from being purchased as a disposable product to being managed in a closed loop as a service, proved to be well ahead of its time. The unfavorable tax laws around leasing carpet combined with the challenge of changing how customers did business with us forced us to shelve our Evergreen Service Agreement.

Without sufficient belief in Ray's vision, any one of these hard lessons, let alone the economic downturns the company had to weather, might have led us to give up on sustainability. But by this time our people had moved past skepticism and experimentation, on to the new challenge of using what we were learning to transform our company and influence others.

Living the legacy

The curse that comes with a bold vision is that yesterday's successes quickly become tomorrow's failures. The flip side of sourcing 49 percent of our materials from recycled or rapidly renewable sources is the urgent need to figure out the other 51 percent before 2020. Our Netherlands factory can purchase "Green Gas Certificates" generated from a fish waste processing plant to cover 100 percent of its natural gas usage, which highlights some of the green energy gaps at our other facilities.

Looking at our accomplishments and how far we still have to go before our 2020 Mission Zero deadline, many have begun to lament that it'll take a miracle to achieve it. But for those such as Jim Hartzfeld, a former Interface executive who was the head of that first Environmental Task Force in 1994, it's business as usual: "People don't realize that it took five or six miracles to get this far; Interface has always been in the miracle business."



The road to sustainable success isn't easy or well-marked. (Credit: Interface)

From crazy to status quo

Remember, the green business status quo we have today looked impossible in 1994. It is my hope that this will embolden today's business leaders to strive for the impossible again.

As stewards of Ray Anderson's legacy, Interface forever must be willing to push our business into the impossible frontier first, or as long-time advisor Paul Hawken put it to us a few years back: "Remember when Interface started out in sustainability, and everyone thought you were crazy? We need to get back to that!"

Top image of carpet tiles by Interface.

[Organizational Change](#) [Product Stewardship](#) [Recycled Products](#) [Supply Chain](#)
[Radical Industrialists](#)

Source URL: <http://www.greenbiz.com/blog/2014/09/03/20-years-later-interface-looks-back-ray-andersons-legacy>

Oakland firefighter, recycling staffers apparently sickened by mix of DDT, cleaners

By Harry Harris Oakland Tribune

Updated: 11/10/2014 03:59:54 PM PST

MercuryNews.com

OAKLAND -- A firefighter and three recycling company employees were treated Monday morning after being exposed to what authorities believe was a toxic mix of a powerful pesticide and household products at a North Oakland house.

Battalion Fire Chief Darin White said although officials are not totally certain of the cause, they believe that a glass container of DDT broke while a homeowner was removing it from a garage. Some of the liquid apparently spilled onto wood that was inadvertently placed into a recycling bin with household products used for cleaning and laundry.

The incident began about 8 a.m. when a driver for California Waste Solutions was picking up recyclables in the 100 block of Stonewall Road off Claremont Avenue, near the Claremont Hotel and Spa.

The driver became concerned because his face had a burning sensation and drove to company's yard in the 1800 block of 10th Street, and then went to a clinic for treatment. Two other recycling staffers who went to the Stonewall scene after the driver reported ill also became sick and went to the clinic, including one who was vomiting.

A firefighter who responded to the site also fell ill, with an itchy throat, cough and runny nose, and was taken to a hospital where he was treated and released, officials said. The employees were treated and released with first aid only and returned to work.

At the request of fire officials, the load brought to the recycling yard was taken to a secure area, where fire hazmat crews sorted through it to make sure there were no fumes. The recycling truck was decontaminated, according to Joel Corona, chief operations officer for the recycling company.

Corona cautioned customers that for their own safety as well as that of recycle employees and others, to be careful about what they put in bins. Chemicals, caustic substances and acids are prohibited from recycling bins.

SFGATE <http://www.sfgate.com/science/article/A-sprinkle-of-compost-helps-rangeland-lock-up-5832244.php>

A sprinkle of compost helps rangeland lock up carbon

By Carolyn Lochhead Updated 10:33 am, Monday, October 20, 2014



IMAGE 1 OF 20

Jose Jimenez drives the windrow turner, used to rotate rows of compost.

A compost experiment that began seven years ago on a Marin County ranch has uncovered a disarmingly simple and benign way to remove carbon dioxide from the air, holding the potential to turn the vast rangeland of California and the world into a weapon against climate change.

The concept grew out of a unique Bay Area alignment of a biotech fortune, a world-class research institution and progressive-minded Marin ranchers. It has captured the attention of the White House, the Brown administration, the city of San Francisco, officials in Brazil and China, and even House Republicans, who may not believe in climate change but like the idea that “carbon farming” could mean profits for ranchers.

Experiments on grazing lands in Marin County and the Sierra foothills of Yuba County by UC Berkeley bio-geochemist Whendee Silver showed that a one-time dusting of compost substantially boosted the soil’s carbon storage. The effect has persisted over six years, and Silver believes the carbon will remain stored for at least several decades.

The experiments were instigated by John Wick and his wife, Peggy, heiress to the Amgen biotech fortune, on a 540-acre ranch they bought in Nicasio. What began as a search for an artist’s studio turned into a seven-year, \$8 million journey through rangeland ecology that has produced results John Wick calls “the most exciting thing I can think of on the planet right now.”

Spreading scraps

The research showed that if compost from green waste — everything from household food scraps to dairy manure — were applied over just 5 percent of the state’s grazing lands, the soil could capture a year’s worth of greenhouse gas emissions from California’s farm and forestry industries.

The effect is cumulative, meaning the soil keeps absorbing carbon dioxide even after just one application of compost, the researchers found. In theory, Silver calculates, if compost made from the state’s green waste were applied to a quarter of the state’s rangeland, the soil could absorb three-quarters of California’s total annual greenhouse gas emissions.

“For a lot of people, this sounds a little fantastic,” Silver said. “There’s nothing magic about it.”

Soil is a major source of carbon, “and we’ve been bleeding it into the atmosphere for many, many years through plowing, overgrazing and poor agricultural practices,” Silver said. “So anything we can do to get some of that carbon back into the soil is going to be beneficial.”

Simple science

Unlike high-tech geo-engineering schemes to pull excess carbon dioxide from the air and stick it in old coal mines or under the ocean, applying compost is a simple way of creating what scientists call a positive feedback loop.

Plants pull carbon dioxide from the air through photosynthesis and transfer a portion of the carbon to the soil through their roots. Soil microorganisms then turn the carbon into a stable form commonly known as humus.

This not only sequesters the carbon but improves the soil’s fertility, boosting plant growth and capturing more carbon while also improving the soil’s ability to absorb and retain water.

Wick says that since he started spreading compost on his ranch, he’s seen an increase in native perennial plants and bird life, and “we now have green grass year round during a drought.”

“We stepped into a crashing system and we bumped it once and it corrected,” Wick said.

Chance discovery

The project began almost by accident. Peggy Wick, a children’s book illustrator and author, was looking for a larger studio, and the Nicasio ranch had a barn that fit the bill. The couple immediately removed the cattle, John Wick said, because “we were confident that they were destroying the environment.”

In short order, weeds and invasive plants began to take over. So the Wicks hired rangeland ecologist Jeff Creque, who suggested changing grazing patterns to mimic the migrations of wild herds of ruminants that co-evolved with grasslands. The results were promising, and they wanted to test Creque’s theory that the new grazing was increasing soil carbon.

They approached Silver. She told them, “I doubt it, and I doubt we could measure it,” John Wick said.

With the cooperation of other ranchers, Silver and the Wicks began soil tests on 35 plots in Marin and Sonoma counties. Initial surveys showed that old dairy ranches had higher soil carbon, but they knew that the greenhouse gases emitted from raw manure would negate any advantage.

So Silver suggested adding compost, a more stable form of carbon. She began scientific tests on plots in Nicasio and at a research site in the Sierra foothills. The results surprised her.

“We need to reduce our fossil fuel emissions — there’s just no way around that problem,” Silver said. “But this is one of the things that we can do that certainly can make a difference. It’s inexpensive, it’s low technology, it’s good land use, it solves multiple problems.”

Degraded lands

Grazing is the single largest land use on the planet, and most grazing lands are degraded, meaning they have lost carbon. That includes California’s coastal and Sierra foothills, where invasive plant species have displaced native perennials that have much deeper roots and store much more carbon.

The good news is that by returning carbon to the soil in a stable form such as compost, soils can be restored, said Rattan Lal, director of the Carbon Management and Sequestration Center at Ohio State University.

“Whether it’s eroded, whether it’s compacted, whether it’s salinized, nutrient depletion is a very big factor in cropland and grazing land,” Lal said. “And the more degraded the lands are, the more the need they have of putting carbon back in the soil.”

Lal considers it essential to restore carbon to the world’s soils, regardless of whether it combats climate change. “The other reasons are much more pressing,” he said. “Food security, water quality, biodiversity, other environmental issues are related to soil. And in addition to all that, it does also offset some of the carbon emitted by fossil fuel combustion.”

Daunting logistics

But the logistics of spreading compost over even a small fraction of California, much less all the rangeland of the world, are daunting. There is simply not enough compost being made for such a project. As low-tech as making and spreading compost is, it takes money.

Enter the city of San Francisco, which composts 700 tons of residential and commercial organic waste every day, the largest such operation in the world.

“I’ve been in the recycling business for 30-some years here in San Francisco, and this just was much more transformative than the various things we were trying to do to stop putting carbon into the atmosphere,” said Kevin Drew, zero-waste coordinator for San Francisco’s Department of Environment. “To turn around and start taking it out of the atmosphere was a really revolutionary idea, particularly when it was as simple as putting compost on rangeland.”

The city has begun working closely with the Marin Carbon Project, a nonprofit founded by the Wicks. The project is funded in part by the Rathmann Family Foundation, started by Peggy Wick’s father, George Rathmann, the late founder of Amgen Inc. and a leading figure in the biotech industry.

With ample financial resources, the project has stitched together a network of ranchers, government officials, scientists and nonprofits that aims to take the compost concept not just across California, but across the nation and the world.

“We have no illusions that this is something that is going to happen at a backyard scale,” said ecologist Creque. “This has to be a global ecosystem restoration effort.”

Cap and trade

Efforts are under way to incorporate soil carbon offsets in California’s cap-and-trade system, so ranchers could earn credits for spreading compost. The American Carbon Registry, an organization that certifies offsets, on Thursday approved one for compost additions to rangeland.

Many see a faster approach through the Natural Resources Conservation Agency, an arm of the U.S. Agriculture Department that was formed after the Dust Bowl of the 1930s to halt soil erosion. The agency is incorporating carbon planning into its voluntary national farm conservation protocols.

“All we’re doing now is the same thing we’ve been doing” since the Dust Bowl, said Adam Chambers, an air-quality scientist at the agency.

The department is building a carbon farming model that includes compost along with three dozen basic practices that help restore soil carbon, such as no-till farming and cover crops. Adding compost “builds up the water-holding capacity of the soils very quickly and jump-starts the system,” Chambers said. “You can change the system pretty quickly.”

In June, John Wick touted the benefits of spreading compost on rangeland at a House Natural Resources Subcommittee hearing chaired by Rep. Rob Bishop. The Utah Republican described such efforts as a “win-win” approach to the environment that could help ranchers.

On Oct. 8, the White House named the Marin Carbon Project in a report on how agriculture can improve climate resilience. Gov. Jerry Brown’s office is planning a site visit to the Wicks’ ranch. Talks are under way with officials in Brazil and China.

Guido Frosini, farm manager at True Grass Farms near Bodega Bay, already manages his livestock to mimic wild migratory herds on 1,200 acres. Working with the Marin Carbon Project, he plans to add compost to accessible areas.

“When you’re looking at spreading compost on 1,200 acres, there’s no way I can come up with the money to do that,” Frosini said. “But if we just start incrementally, doing it initially 10 to 15 acres at a time, it will pay off within a lifetime.”

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