

AGENDA

Dave Sadoff, **WMA President**
Castro Valley Sanitary District, WMA
Tim Rood, **WMA 1st Vice President**
City of Piedmont, WMA, EC, RB
Deborah Cox, **WMA 2nd Vice President,**
EC 1st Vice President
City of San Leandro, WMA, EC
Jim Oddie, **EC President, RB President**
City of Alameda, WMA, EC, RB
Sara Lamnin, **EC 2nd Vice President**
City of Hayward, WMA, EC, RB
Sarah Vared, **RB 1st Vice President**
Source Reduction Specialist, RB
Peter Maass, **RB 2nd Vice President**
City of Albany, WMA, EC, RB
Keith Carson, County of Alameda, WMA, EC
Kriss Worthington, City of Berkeley, WMA, EC
Melissa Hernandez, City of Dublin, WMA, EC
Dianne Martinez, City of Emeryville, WMA, EC, RB
Vinnie Bacon, City of Fremont, WMA, EC
Bob Carling, City of Livermore, WMA, EC
Michael Hannon, City of Newark, WMA, EC
Dan Kalb, City of Oakland, WMA, EC
Shelia Young, Oro Loma Sanitary District, WMA
Jerry Pentin, City of Pleasanton, WMA, EC
Lorrin Ellis, City of Union City, WMA, EC
Jillian Buckholz, Recycling Programs, RB
Bernie Camara, Recycling Materials Processing Industry, RB
Nancy Deming, Environmental Educator, RB
John Moore, Environmental Organization, RB
Vacant, Solid Waste Industry Representative, RB

Wendy Sommer, Executive Director

**JOINT MEETING OF THE
ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY (WMA)
BOARD,
THE ENERGY COUNCIL (EC)
AND
THE SOURCE REDUCTION AND RECYCLING BOARD (RB)**

Wednesday, November 14, 2018

3:00 P.M.

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

**Teleconference
Jillian Buckholz
Cal State East Bay, SA Building Room 4509
25800 Carlos Bee Boulevard
Hayward, CA 94542
510-885-3000**

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

I. CALL TO ORDER

II. ROLL CALL OF ATTENDANCE

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

IV. OPEN PUBLIC DISCUSSION FROM THE FLOOR

An opportunity is provided for any member of the public wishing to speak on any matter within the jurisdiction of the boards or council, but not listed on the agenda. Total time limit of 30 minutes with each speaker limited to three minutes unless a shorter period of time is set by the President.

Page **V. CONSENT CALENDAR**

1 1. Approval of the Draft WMA/EC Minutes of October 24, 2018 (Wendy Sommer)

7 2. Approval of the Draft PC/RB Minutes of October 11, 2018 (Tom Padia)

- 11 3. **Recycling Board Attendance Record (Tom Padia)**
- 13 4. **Written Report of Ex Parte Communications (Tom Padia)**
- 15 5. **Mandatory Recycling - City of Oakland Funding for Increased Enforcement (Rachel Balsley)**
 That the WMA Board accept funding from the City of Oakland in the amount of \$100,000
 for increased Mandatory Recycling Ordinance enforcement.

VI. REGULAR CALENDAR

- 17 1. **2018 Priority Setting (Wendy Sommer & Justin Lehrer)**
 This item is for information only.
- 2. **Interim appointment(s) to the Recycling Board for WMA appointee unable to attend future Board Meeting(s) (WMA only) (Wendy Sommer)**
 (Planning Committee and Recycling Board meeting, December 13, 2018 at 4:00 p.m.,
 StopWaste Offices, 1537 Webster Street, Oakland, CA, 94612)

VII. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

VIII. ADJOURNMENT

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

Wednesday, October 24, 2018

3:00 P.M.

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

I. CALL TO ORDER

First Vice President Tim Rood, WMA, called the meeting to order at 3:01 p.m.

II. ROLL CALL OF ATTENDANCE

City of Alameda	Jim Oddie, WMA, EC
City of Albany	Peter Maass, WMA, EC
City of Berkeley	Kriss Worthington, WMA, EC
Castro Valley Sanitary District	Danny Akagi, WMA
City of Dublin	Melissa Hernandez, WMA, EC
City of Emeryville	Dianne Martinez, WMA, EC
City of Hayward	Sara Lamnin, WMA, EC
City of Newark	Mike Hannon, WMA, EC
City of Oakland	Dan Kalb, WMA, EC
Oro Loma Sanitary District	Shelia Young, WMA
City of Piedmont	Tim Rood, WMA, EC
City of Pleasanton	Jerry Pentin, WMA, EC
City of San Leandro	Deborah Cox, WMA, EC
City of Union City	Lorrin Ellis, WMA, EC

ABSENT:

County of Alameda	Keith Carson, WMA, EC
City of Fremont	Vinnie Bacon, WMA, EC
City of Livermore	Bob Carling, WMA, EC

Staff Participating:

Wendy Sommer, Executive Director
Tom Padia, Deputy Executive Director
Jeff Becerra, Communications Manager
Karen Kho, Principal Program Manager
Jennifer West, Program Manager
Richard Taylor, WMA Legal Counsel
Arliss Dunn, Clerk of the Board

Others Participating:

Curtis Below, FM3 Research
Arthur Boone, Center for Recycling Research

III. ANNOUNCEMENTS BY PRESIDENTS

There were none.

IV. OPEN PUBLIC DISCUSSION FROM THE FLOOR

Arthur Boone provided public comment. Mr. Boone stated that we should be commended on the amount of good stuff going into the garbage, however, we have not reduced the amount of material going into the garbage. Mr. Boone distributed a handout (attached) in reference to the Waste Characterization Study.

V. CONSENT CALENDAR

1. Approval of the Draft Minutes of September 26, 2018 (Wendy Sommer)

2. Amended and New Conflict of Interest Codes (Pat Cabrera)

Staff recommends that the Waste Management Authority (Attachment B) and the Energy Council (Attachment D) each adopt the relevant attached resolution stating their amended Conflict of Interest Code.

There were no public comments for the Consent Calendar. Board member Pentin made the motion to approve the Consent Calendar. Board member Worthington seconded and the motion carried 15-0: (Ayes: Akagi, Cox, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Oddie, Pentin, Rood, Worthington, Young; Nays: None. Abstained: None. Absent: Bacon, Carling, Carson, Ellis)

VI. REGULAR CALENDAR

1. Communications and Outreach Approach (Jeff Becerra)

This item is for information only.

Jeff Becerra provided an overview of the staff report and presented a PowerPoint presentation. A link of the report and the presentation is available [here](#). Mr. Becerra introduced Curtis Below, FM3 Research. Mr. Below provided a recap of the results of a recently completed phone/mail survey of Alameda County residents. A link to the survey results is available [here](#).

Board member Hannon stated that it would be helpful in the future to include the survey results in the board packet to view beforehand, and include side-by-side comparisons with prior surveys. Vice President Rood commented that although not mentioned in the survey there continues to be confusion with respect to the plastic coated food soiled paper e.g. milk cartons. Board member Pentin commented that the survey indicated that 40% of respondents go online to find out where they can recycle and inquired if the agency has a recycling app. Mr. Becerra stated that we do not have an app but the online Recycle Where tool is optimized for mobile devices. Board member Maass commented that he suspects that a portion of food soiled paper such as pizza boxes will end up in the garbage due to inadequate receptacles in most kitchens and suggested that efforts should also focus on designing composting infrastructure in the home. Mr. Below stated that this issue of confusion arose during the survey and most people wanted to do the right thing but mistakenly put these items in the recycling bin. Board member Young commented that she suspects that if there were more multi-family residents represented in the survey the responses would be quite different and inquired about the breakdown between multi-family and single-family respondents. Mr. Below stated that residents of single family units represented 60-70% of the respondents.

Board member Lamnin commented that although some of the videos for the Stop Food Waste Campaign are visually appealing they did not convey the effort to reduce food waste. Board member Lamnin added there are students groups that are emerging in the video market and suggested that staff reach out to them. Board member Lamnin commented that she appreciates the data from the survey

results but was concerned that county wide, 600 survey respondents is pretty low. She further inquired if staff is engaging with the faith community and are aware of “green congregations,” to help them set-up the three bin system. Board member Lamnin recommended working with landlord and realtor associations to develop toolkits for new residents. She further inquired how often the agency releases social media. Mr. Becerra stated that social media posts are put out on a daily basis, and the videos are part of an overall campaign that include multiple other elements in addition to video. Mr. Becerra added we work with faith based organizations through the community grants program, and we also engage with realtor and landlord organizations in providing information for new residents.

2. Priority Program Areas for 2019-2021 (Karen Kho & Jennifer West)
(This item was heard after item #3)

That the Energy Council discuss and approve Priority Program Areas for 2019-2021.

Karen Kho provided an overview of the staff report and provided a PowerPoint presentation. A link to the report and the presentation is available [here](#).

Board member Martinez inquired if there is a local market for heat pumps and electrification and if there is interest in other parts of the country. She also inquired if we should be looking at other technologies as well. Ms. West stated that the Northeast and Northwest parts of the country have much more activity involving heat pumps. There have been 70,000 heat pumps sold nationwide which is a small number compared to the millions of water heaters that are sold each year. Ms. West added she attended a summit recently and there were manufacturers present that were interested in California but the demand is not there yet. We are working on trying to develop interest. The CPUC will be focusing on a statewide effort in 2019 and we are hoping that through the grant opportunity we can advance those efforts. Board member Lamnin inquired regarding the continued focus on grid solutions given the limitations over the past year and other entities already addressing the issue. Ms. Kho stated that staff had proposed not continuing to focus on grid solutions, but that jurisdiction staff see the Technical Advisory Group (TAG) as the only forum to coordinate among themselves and make program design recommendations to EBCE (East Bay Community Energy) and others. Ms. Kho added that our intentions are to support this forum, and added, that we are not seeking external funding for this effort. Board member Lamnin inquired if there have been conversations about possibly redirecting priorities in the next year. Ms. Kho stated that in two years the context may be different, and the TAG may be more comfortable with us stepping back from grid solutions as a priority. If EBCE steps up or there are other opportunities for them to engage in these issues then it does not need to happen through TAG. Currently they feel as if this is the best vehicle for them to understand how to engage with this emerging new load balancing issue. Ms. Kho added that grid solutions could potentially be considered part of member agency services and not a standalone priority.

Board member Maass stated that he is pleased to see vehicle charging as part of the electrification effort and inquired if on street charging stations were also included. Ms. Kho stated that we have had a number of conversations with the TAG about electric vehicle issues but the Energy Council has not pursued funding for vehicle charging infrastructure. Ms. West stated that we see the connection between buildings and vehicles as part of the larger energy ecosystem and there is significant funding through the air district for vehicle charging but it is not currently a priority for the Energy Council. President Oddie stated that he appreciates that we are talking about Zero Net Carbon, and added at the state level, there is the Buy Clean California in which you have to consider the embodied carbon in infrastructure projects involving steel and glass, and it is more beneficial if there are efforts at the local level.

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Board member Kalb made the motion to accept the staff recommendation. Board member Hernandez seconded the motion. Board member Lamnin inquired prior to the vote on the motion if the Board is interested in removing the focus on grid solutions as a priority. Ms. Sommer stated that staff would need to inform jurisdiction staff that the priority is being removed from the list. Board member Kalb stated his preference for keeping it on the list with the consideration that member agency staff find it beneficial to their efforts, and added he is confident that staff can prioritize the five priority areas appropriately. Board member Kalb added if necessary we can revisit the issue next year. There were no public comments on this item.

The Board voted 15-0 to approve the staff recommendation without revision.

(Ayes: Cox, Ellis, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Oddie, Pentin, Rood, Worthington. Nays: None. Abstained: None. Absent: Bacon, Carling, Carson)

3. Vacancies on the Recycling Board (Wendy Sommer)

That the WMA Board fill the upcoming vacancies on the Recycling Board.

There were no public comments on this item. Board member Young made the motion to appoint Board member Cox (San Leandro) and Board member Sadoff (Castro Valley Sanitary District) to the Recycling Board. Their first meeting as WMA appointees will be on December 13, 2018. Board member Oddie seconded and the motion carried 16-0:

(Ayes: Akagi, Cox, Ellis, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Oddie, Pentin, Rood, Worthington, Young; Nays: None. Abstained: None. Absent: Bacon, Carling, Carson)

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

(Joint Meeting of the Waste Management Authority Board, the Energy Council, and Recycling Board, Wednesday, November 14, 2018 at 3:00 p.m., StopWaste Offices, 1537 Webster Street, Oakland, CA, 94612)

There were no requests for an interim appointment.

5. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

Board member Martinez requested that staff provide an update on SB 1383 at the November 14 joint meeting, prior to the priority setting discussion. Board member Martinez would like an overview of the proposed regulations and requirements that the legislation may present for cities. Ms. Sommer stated that this would be challenging as the regulations have not been finalized but we can provide some context. Ms. Sommer distributed the monthly topic brief on Electrification. A link to the topic brief is available [here](#). Ms. Sommer invited the Board to submit any item to her for the priority setting session.

6. ADJOURNMENT

The meeting was adjourned at 4:21 p.m.

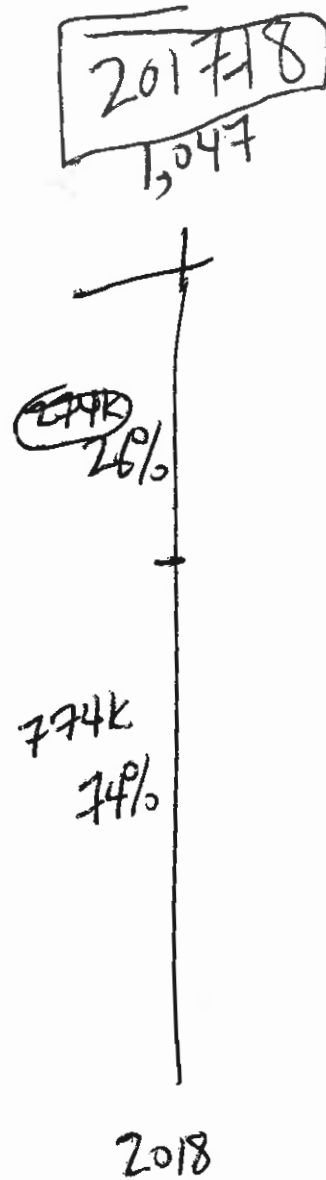


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Center for Recy. Research
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**MINUTES OF REGULAR MEETING OF THE
PLANNING COMMITTEE
AND
ALAMEDA COUNTY RECYCLING BOARD**

Thursday, October 11, 2018

4:00 P.M.

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

**Teleconference
Tim Rood
San Jose City Hall
3rd Floor Tower
200 East Santa Clara St
San Jose CA 95113
408-535-8122**

I. CALL TO ORDER

Jim Oddie, President, called the meeting to order at 4:00 p.m.

II. ROLL CALL OF ATTENDANCE

Jillian Buckholz, Recycling Programs
Bernie Camara, Recycling Materials Processing Industry
Nancy Deming, Environmental Educator
Sara Lamnin, ACWMA
Peter Maass, ACWMA
Dianne Martinez, ACWMA
John Moore, Environmental Organization
Jim Oddie, ACWMA
Tim Rood, ACWMA (teleconference)
Sarah Vared, Source Reduction Specialist

Absent:

Vacant, Solid Waste Industry Representative

Staff Present:

Tom Padia, Deputy Executive Director
Wendy Sommer, Executive Director
Rachel Balsley, Senior Program Manager
Kelly Schoonmaker, Program Manager
Farand Kan, County Counsel
Arliss Dunn, Clerk of the Board

Others Participating:

Julia Chang-Frank, Cascadia Consulting
Jess Halter, Cascadia Consulting

III. ANNOUNCEMENTS BY PRESIDENT

There were none.

IV. OPEN PUBLIC COMMENT

There was none.

V. CONSENT CALENDAR

- 1. Approval of the Draft Minutes of September 13, 2018 (Tom Padia)**
- 2. Board Attendance Record (Tom Padia)**
- 3. Written Report of Ex Parte Communications (Tom Padia)**
- 4. Grants Issued Under Executive Director Signature Authority (Wendy Sommer)**

There were no public comments for the consent calendar. Board member Martinez made the motion to approve the consent calendar. Board member Maass seconded and the motion carried 10-0:

(Ayes: Buckholz, Camara, Deming, Lamnin, Maass, Martinez, Moore, Oddie, Rood, Vared. Nays: None.

Abstain: None. Absent: None.)

VI. REGULAR CALENDAR

- 1. Mandatory Recycling Ordinance Project Update (Rachel Balsley)**

This item is for information only.

Prior to the staff presentation, Wendy Sommer displayed visual slides showing the correct and incorrect placement of materials found in waste and recycling bins ([available here](#)). The exercise was intended to demonstrate what the inspectors see during inspections and the incorrect slides are examples of violations for incorrect sorting. Rachel Balsley provided an overview of the staff report and a PowerPoint presentation. A link to the report and the presentation is available [here](#). Ms. Balsley recognized MRO staff; Michelle Fay, Elise Lebsack, Shasta Phillips, and Anna Borg, and staff from Cascadia Consulting. She also thanked Tom Padia and Meghan Starkey for their assistance.

Board member Buckholz inquired if guidance is provided regarding bin design and signage placement. Ms. Balsley stated yes, to an extent, the new video and indoor bin guide speaks to the importance of effective placement of signage. With regard to bins, the most commonly used bin is the 23 gallon Slim Jim or whatever size that is functional for the business site. Board member Buckholz inquired if we can recommend best practices for bins that can be emulated throughout Alameda County. Ms. Balsley stated that our free indoor green bin program utilizes a single vendor that offers 5 different bins that can be customized to the business site. Board member Maass inquired if there has been any discussion regarding incorporating the requirement to have recycling infrastructure in the building code. Ms. Balsley stated that the most recent version of the Cal Green Code requires new construction to have adequate space for recycling but not for existing buildings. Ms. Schoonmaker stated that SB 1383 will address universal building standards for capturing organics. Board member Buckholz commented that there could be a correlation between the color of dumpsters and contamination and inquired if there is an opportunity to influence a change in the color of dumpsters. Ms. Balsley stated that SB 1383 will pose strict requirements for uniform bin colors. However, the enforcement deadline will be extended as there is consideration for jurisdictions that are contractually obligated in their franchise agreements as well as the life cycle of the current bins. The new regulations will affect new franchise agreements.

Ms. Balsley added, bin colors are important as well as signage showing where to place materials. Board member Deming stated that Waste Management will change lids for businesses upon request. Board member Deming inquired about the inspection process. Ms. Balsley stated that businesses that receive a violation upon the initial inspection will receive more frequent inspections, usually within the a few months, than businesses that did not receive a violation. Non-violators will possibly receive another inspection in a year. Staff is looking at extending the re-inspection timeline for non-violators to possibly 18 months. Board member Martinez inquired if there are surprise inspections. Ms. Balsley stated yes, businesses are not notified of an inspection and if the bins are placed in the public right of way, inspectors may not encounter staff at the business. Board member Vared inquired if we are able to track how technical assistance correlates to reduction in contamination or compliance with the ordinance. Ms. Balsley stated that this is something that we are striving to track. However it is complicated partially by our inspection frequency that changes if there's a violation. Board member Lamnin asked for clarification on doing less inspections but providing deeper services. Ms. Balsley stated that we reduced the number of inspectors from 3 to 2 in part as a reduction in expenses but also to have more in-house staff time for quality control and the ability to focus on data analysis and areas for improvement. Ms. Balsley added, because of the changes in inspection protocol, we will see an increase in violation letters sent since last year. Board member Lamnin inquired about dissemination of the videos. Ms. Balsley stated that the videos will be housed on the MRO website and TAC members are aware of them as well. Additionally, the technical assistance team can provide them to businesses to share with new staff as a training tool. Ms. Balsley added we are also looking at an overall promotion plan to disseminate the videos once they are all completed. Board member Lamnin requested staff provide a link to the videos to the Board once they are completed. Board member Moore inquired about the procedure for tracking responses to the violation letters and inquired about the percentage of businesses that ignore the notices. Ms. Balsley stated that approximately 20% citations are delinquent. Many of the calls received are a result of the violation notices. We will be better able to assess our effectiveness after the new inspection protocol has been in place for a period of time. Mr. Padia inquired if the citations are still sent via certified mail. Ms. Balsley stated yes, warning notices and citations are sent via certified return receipt to the billing address and a copy sent to service address. Board member Moore inquired how notices are sent to multi-family. Ms. Balsley stated that we utilize the hauler service records which is usually the billing and service address. Board member Martinez inquired with regard to the Recycling Rules website if we are using analytics and search engine optimization to drive traffic to the website. Ms. Balsley stated that we do track analytics, but that is a good idea for search engine optimization and for the upcoming fiscal year we will be strategically looking at our overall outreach plan including reviewing our website. There were no public comments on this item. President Oddie thanked Ms. Balsley for her report.

2. SB 1383 Short Lived Climate Pollutant Plan: Rulemaking Overview and Implications (Kelly Schoonmaker)

This item is for information only.

Kelly Schoonmaker provided an overview of the staff report and presented a PowerPoint presentation. A link to the report and the presentation is available [here](#).

Board member Martinez inquired if the regulations in SB 1383 address how jurisdictions are supposed to pay for implementation cost or any discussions regarding cost recovery. Ms. Schoonmaker stated no, however the law states that local agencies and school districts can levy service charges, fees, or assessments fund implementation. Mr. Padia stated that state agencies such as schools, prisons, etc. are immune from our enforcement of the MRO, but that CalRecycle can enforce against them in SB 1383. Ms. Schoonmaker added there are and will be grants available for expanding compost capacity,

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and we are also speaking with them regarding supporting education and outreach tools. Board member Martinez suggested that whatever resources that are available that can be used to assist K-12 schools would be extremely helpful. Board member Moore inquired if there is an effort to make the legislation readable and understandable. Ms. Schoonmaker stated that there are good summaries available and we have a summary checklist that we can provide to Board members (available [here](#)). Board member Vared inquired about key items that staff have commented on that have or have not been included in the legislation. Ms. Balsley stated that CalRecycle looked at our ordinance as well as other ordinances regarding language relative to generator requirements. Ms. Balsley added our ordinance requires that a business must have proper signage but if the businesses is sorting properly should the emphasis be on signage. We don't currently enforce on signage. Additionally, the legislation requires that all areas of the building must have color coded bins with appropriate labeling and could face penalties if they do not. In our comments to them, we informed them that we do not have the ability to inspect inside all of the buildings to ensure that all areas have the appropriate bins and signage. Ms. Sommer added we also submitted comments regarding the frequency of inspections, as well as to consider performance based versus prescriptive requirements. Ms. Balsley stated that the previous draft of the regulations required that all generators must have education and outreach every six months, and we commented that this is too frequent and costly, and they modified the frequency to every year. We asked for specificity on how people can apply for waivers and expect a response in the next round. Ms. Schoonmaker stated that Cassie Bartholomew also provided comments to them regarding edible food recovery with respect to how the businesses are categorized and how food recovery organizations work, and other issues regarding donation dumping. Lastly, we submitted comments regarding contamination. Board member Moore inquired if there is anything included about what the regulations are going to call recycling or diversion that would fit within Measure D's definition of incineration. Ms. Schoonmaker stated not at this time. The only energy piece they are concerned about is anaerobic digestion. There were no public comments on this item. President Oddie thanked Ms. Schoonmaker for her report.

VII. COMMUNICATIONS/MEMBER COMMENTS

There were none.

VIII. ADJOURNMENT

The meeting adjourned at 5:17 p.m.

2018 - ALAMEDA COUNTY RECYCLING BOARD ATTENDANCE

	J	F	M	A	M	J	J	A	S	O	N	D
REGULAR MEMBERS												
J. Buckholz				X	X	X	X	X	X	X		
B. Camara	X	X	A	I	X	X	X	X	X	X		
N. Deming							X	X	X	X		
S. Lamnin		X	X	X	X	X	X	X	X	X		
K. Lewis	X	X	A	A								
P. Maass	X	X	X	X	I	X	X	I	X	X		
D. Martinez	X	X	X	X	X	X	X	X	X	X		
J. Moore	X	X	X	X	X	X	X	X	X	X		
J. Oddie	X	X	X	A	X	X	X	X	X	X		
T. Rood	X	X	X	X	A	X	X	X	X	X		
T. Stein	X	X	X	X	X	A						
S. Vared	X	X	A	X	X	X	I	I	I	X		
INTERIM APPOINTEES												
M. Southworth				X			X	X	X			
J. Pentin					X							
D. Kalb								X				

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

X=Attended

A=Absent

I=Absent - Interim Appointed

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DATE: November 14, 2018

TO: Recycling Board

FROM: Tom Padia, Deputy Executive Director

SUBJECT: Written Reports of Ex Parte Communications

BACKGROUND

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

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

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

Per the previously adopted policy, all such reports received will be placed on the consent calendar of the next regularly scheduled Recycling Board meeting.

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DATE: November 14, 2018

TO: Waste Management Authority Board

FROM: Wendy Sommer, Executive Director

BY: Rachel Balsley, Senior Program Manager

SUBJECT: Mandatory Recycling - City of Oakland Funding for Increased Enforcement

SUMMARY

The City of Oakland has \$100,000 in funding that they would like the Waste Management Authority to use to increase Mandatory Recycling Ordinance (MRO) inspections and enforcement. At the November 14 WMA Board meeting, staff is seeking Board approval to accept the funding as a Fiscal Year 2018-19 Budget augmentation to increase MRO enforcement at Oakland commercial accounts.

DISCUSSION

Mandatory Recycling Ordinance (MRO) enforcement has historically been funded entirely by the Waste Management Authority. The City of Oakland has \$100,000 that they need to spend by the end of June 2019 that they would like the WMA to use to increase MRO enforcement at Oakland commercial accounts. Staff considers this an opportunity to test using member agency funds to increase project implementation in a particular jurisdiction. The funds would be used to increase contracted inspection services, pay WMA staff to train and provide oversight of an additional short-term inspector, process inspections, send enforcement letters if appropriate, and respond to inquiries generated by the additional Oakland inspections.

RECOMMENDATION

That the WMA Board accept funding from the City of Oakland in the amount of \$100,000 for increased Mandatory Recycling Ordinance enforcement.

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DATE: November 14, 2018

TO: Waste Management Authority Board
Source Reduction and Recycling Board

FROM: Wendy Sommer, Executive Director

BY: Justin Lehrer, Senior Management Analyst

SUBJECT: 2018 Priority Setting

SUMMARY

At its May 23 meeting, the WMA Board approved the 2018 priority setting process and agreed to shift to a two-year planning horizon (similar to our last process) to allow for more flexibility to adapt to changing conditions.

At the November 14 joint Waste Management Authority Board and Source Reduction and Recycling Board meeting, staff will present and lead discussion on stakeholder input gathered during the process and potential changes to the current guiding principles. Updated guiding principles will help with strategy and budget development over the coming two years; their adoption in December will conclude the priority setting process.

DISCUSSION

In November 2016, the Boards participated in the Agency's first two-year priority setting process. The culmination of this process was the adoption of a set of guiding principles that provide a decision-making framework for budgetary and programmatic decisions. Staff found that these guiding principles work very well in ensuring that we stay on track and our work aligns with our goals, strengths, and current external conditions.

Over the past several months we have solicited input from staff, boards, member agency staff (TAC and city managers), as well as project partners, grantees, allied non-profits, and government agencies. The desired end result is an update to the guiding principles that can be used to inform budget development for the next two years (fiscal years 2019-20 and 2020-21).

Topics relevant to this process have been discussed at recent Board meetings as well as among staff and TAC members, as outlined in the table below:

May 10	P&A PC/RB	Agency Goals & Indicators Update
May 23	WMA/EC	Introduce priority-setting process and timeline
June 14	P&A PC/RB	Circular economy principles for materials management
July 12	P&A PC/RB	Food Service Packaging and Marine Debris
September 13	P&A PC/RB	Discards Behavior and Markets
September - October	Staff TAC National Sword Task Force	Priority Setting Discussions
October 11	P&A PC/RB	Mandatory Recycling Ordinance
October 24	Energy Council WMA	Energy Council Priority Setting Agency Communications: approach and strategies
November 14	WMA/EC/RB Joint Meeting	Strategic Planning Workshop
December 19	WMA/EC	Adopt updated Priorities/Guiding Principles

At the November 14 Board meeting, Board Members will engage in a facilitated discussion of proposed changes to some of the guiding principles at outlined in the table below.

	Guiding Principle	Recommendation
1	StopWaste's non-mandatory projects will emphasize waste prevention over management of discards.	Reaffirm
2	Organics, as the largest remaining portion of the waste stream to landfill, will continue to be an emphasis for the next two years.	Reaffirm
3	Only implement ordinances that are currently in place (bags and mandatory recycling, plant debris), without introducing new mandatory programs in the coming two-year period.	Discuss
4	Pursue projects with multiple sustainability benefits (greenhouse gas reduction, water conservation), only when linked with materials and waste management.	Reaffirm (w/adjustment)
5	Explore innovative and experimental approaches that may be leveraged by member agencies.	Reaffirm
6	Develop programs that directly reach out to target audiences and communities; coordinate with Member Agencies.	Reaffirm

7	Emphasize project implementation and collect data only as needed to make informed decisions.	Reaffirm
8	Coordinate and collaborate with local public agencies to avoid duplication of effort.	Reaffirm
9	Ensure the flexibility to add new projects and cut back on existing projects when appropriate.	Reaffirm

Staff will return in December to seek final approval from the Board on revised guiding principles for fiscal years 19-20 and 20-21.

RECOMMENDATION

This item is for information only.

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December 2018 Meetings Schedule

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

(Meetings are held at StopWaste Offices unless otherwise noted)

SUN	MON	TUES	WED	THURS	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13 9:00 AM Programs & Administration Committee Key Items: 1. 2019 Meeting Schedule 2. Legislative Priorities (tentative) <hr/> 4:00 P.M. Planning Committee and Recycling Board Key Items: 1. Election of Officers 2. 2019 Meeting Schedule 3. Newark Expenditure Plan (tentative)	14	15
16	17	18	19 3:00 PM Waste Management Authority and Energy Council Key Item: 1. 2019 Meeting Schedule 2. Adopt Guiding Principles 3. Mid-year Contract naming	20	21	22
23	24	25 AGENCY HOLIDAY	26 AGENCY HOLIDAY	27	28	29
30	31					

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MEETING NOTES

Energy Council TECHNICAL ADVISORY GROUP (TAG)

Tuesday November 6, 2018 – 1:00 pm to 3:00 pm

Attendance:

City of Albany: Claire Griffing, Elizabeth Carrade (Fellow)
City of Alameda: Maria DeMeglio (phone), Marisa Johnson (Fellow), Patrick Pelegri-O'Day
City of Berkeley: Billi Romain (phone), Caytie Campbell-Orrick
City of Dublin: Rebecca Parnes, Anna Fessler-Hoffman (Fellow)
City of Emeryville: Nancy Humphrey, Edgar Barraza (Fellow)
City of Fremont: Rachel DiFranco, Jake Silver (Fellow)
City of Hayward: Erik Pearson, Brandon Hutchens (Fellow)
City of Livermore: Tricia Pontau (phone), Judy Erlandson (phone)
City of Oakland: Shayna Hirshfield-Gold, Danielle Makous (Fellow)
City of Piedmont: Mira Hahn
City of Pleasanton: Derek Lee, Zachary Reda (Fellow)
City of San Leandro: Sally Barros, Oceane Ringuette (Fellow)
County of Alameda: Carolyn Bloede, Sophie McGuinness, Micaela Unda (Fellow)
StopWaste: Jennifer West, Candis Mary-Dauphin, Miya Kitahara, Karen Kho, Ben Cooper, Jeffery Liang
Guests: EBCE: Deidre Sanders, Annie Henderson, Taj Ait-Laoussaine, JP Ross; BayREN: Shraddha Mutyal; TRC Solutions: Yamini Arab, Nic Dunfee

AGENDA

Introductions and welcome

Board Update

- Priority Setting for the Energy Council for 2019-2021 was approved 10/24/18 with some discussion.
- Grid Solutions was included despite the request to remove it by one board member.
- Board level conversation was generally supportive.
 - Comment to consider zero net carbon and embodied carbon in building and question about electrification, and uptake in CA

BayREN programs update for 2019

- a. BayREN Single Family program – presented by Shraddha Mutyal (MTC/ABAG)
 - Market characterization study led to a few changes for 2019. New focus on moderate income households \$48 - \$120k household income. Addresses: Upfront costs; creates a more accessible program; series of projects, as capital becomes available, not all at once; energy savings was not the main motivator – comfort was; engage more renters; Reduced administrative costs

- Program Goals
 - The main goal is to increase participation in the program. Want to increase the number of homes, energy savings, and the number of participating contractors.
 - Focus on non-energy benefits associated with this program
- Plan for achieving goals
 - For customers
 - 3 entry points – Green Labeling, website for online energy assessment, through contractor. Online assessment with 10-minute survey. Green home visits with Rising Sun Energy Center. Green labeling programs
 - Energy advisor, Rebate table now available, and limited to \$5000 per customer
 - Financing available through BayREN implementer
 - For contractors – the online application form and portal is being simplified, with a contractor performance system
- Program launch Jan 2019, Home Upgrade program deadline is December 31, 2018
- Home upgrade is a great opportunity to promote decarbonization. Add information sharing to Energy Advisor role and contractor training, even if programs are not BayREN's.
 - Study health benefits, Educate contractors on decarbonization, through PACE or EV charging. Measure non-energy benefits and make a case to the CPUC that other data points should be considered in the cost-effectiveness test.
 - BayREN Single Family is talking with StopWaste about Heat Pump Water Heaters, and resources to provide to customers
 - For Home Energy Score, there's a pathway with electrification.
- BayREN should take a leadership role in pushing us toward electrification. CCA's will move these measures if RENs don't take the lead.
- BayREN can share information on a county or city level for past participants. Combine efforts with city offerings. There are already many EE kits in the Alameda County library system.
- Pleased that Rising sun is a partner in this program – doing great work
- BAAQMD has a program for disadvantaged communities around Interstate 880 to reduce air pollution. Could BayREN provide electrification funding in combo with that opportunity?
- Please direct contractors to hold off on replacing functional water heaters and furnaces with gas appliances until electrification funding incentivizes them to put in electric appliances.
- San Leandro had a successful event, brought climate adaptation into mitigation. Planning to put the CAP behind resilience and health.
- Alameda County is planning to include embodied carbon in CAP, by March. Will use the Bay Area wide consumption-based inventory, but will come up with qualitative goals.

Multifamily and Commercial programs – StopWaste staff

Bay Area Multifamily Building Enhancement (BAMBE) program

- Will meet goal of 5,000 units in 2018. StopWaste is lead for entire BayREN area.
- 2019 will be similar with a few adjustments
 - Will include BayREN heat pump water heater installations for MF sites that are suitable.

Commercial program

- Lead is San Francisco Environment (SFE). Launching in 2019. Will focus on holistic upgrades for small and medium businesses.
- Three sub-programs: Micro loans, Commercial PACE and pay-for-performance installations
- P4P has a hybrid approach to savings: calculated savings before installation and metered savings one year and two years out.
- Scale: goal is 80 projects in 2019

Climate Action Round-up – Miya Kitahara and TAG members

- Resources are in the TAG DropBox: CAPs, CAP 2.0, RFPs and scopes of work. Let's add resolution language, presentations to councils, new Consumer Based Emissions Inventories (CBEI) resources. Community engagement resources (surveys, fliers, workshops, Oakland equity outreach plan).
- Fremont: 5 framework areas. Would like to work with cities in the same stage of the process: determine overarching goals, and key strategies to get there.
- Berkeley is using the same framework as before with areas of equity, resiliency. Reduction goals are for 2050.
- Dublin is developing surveys for the public. Civic spark fellow is gathering community feedback. Identifying priorities for 2050. Making progress on 2030 goals.
- Albany had been planning for carbon neutrality by 2050, but now that we have the executive order, might move it up 5 years. Albany's successful community survey got 350 responses. After internal staff input, consultants will work on mitigation measures.
- Oakland is contracting with CAP development consultant now. Much is TBD but includes climate change mitigation, sequestration, and adaptation categories. Will be looking at things such as embodied carbon.
- StopWaste staff recently surveyed waste management and recycling board agency stakeholders, and across the groups, climate action was a top issue. This is a shift from before.
- Alameda County's team has engaged staff. Working to prepare for a climate action consultant next year. San Leandro hosted an event, and would host again.
 - AC looking through a "heat" lens, public health lens, and found there will be financial impacts to maintain service delivery. Public health focused on wildfire smoke.
 - Revising goals, looking at 5-8 measures in the short to medium term before doing a full CAP 2.0. At workshop they looked into short terms climate adaptation measures.

- Dept has great data on health impacts of increased heat, possible grant for educating in disadvantaged communities (DACs). Looking at cooling measures – no data shared publicly about where cooling centers are. Several requests to share data.
- Adaptation work can be located in local hazard mitigation plan. Electrification is under the gas safety plan. USDN is doing work on including adaption in mitigation plans.

TRC Solutions – Yamini Arab and Nic Dunfee on Multifamily new construction

- 3rd party program implemented on behalf of PG&E with cash incentives and energy design assistance. Goal is to facilitate energy efficiency (EE) in homes. Teaching builders to approach next code cycle during this code cycle (going beyond).
- Incentives vary – lot of ways to achieve significant incentives
- TAG members stated that more energy efficiency means more capacity for EV charging – property owners liked that, especially with EV charging requirements for MF construction.
- Multifamily Upgrade Program, Single Point of Contact (help projects find the right programs)
 - Benchmarking services, On bill Financing (OBF), Market rate and affordable participation. Request for best practice measures.

Closing and member comments

- 60 kill-a-watts measuring devices for lending
- HPWH trainings for building departments – Piedmont and Pleasanton, well received.
- BayREN forum on November 27th – Energy and Material Efficiency in Carbon Smart Buildings.

3:00 pm East Bay Community Energy updates (60 min)

1. Annie Henderson – Residential Launch update
2. Deidre Sanders - Local Development Business Plan priorities
3. Taj Ait-Laoussine – Data: what is available and sharable



RECYCLING

A Bearish Bull in a China Market

When it comes to China and recycling, we need to start learning from our mistakes instead of repeating them.

Chaz Miller | Oct 29, 2018

During the last 12 months, I have spoken about China and recycling at a dozen or so webinars and recycling conferences in both the United States and Canada. I've also written a number of columns about this situation. Each time, I have made three major points.

The first is that market upheaval—and this latest price collapse—is nothing new in recycling.

Recyclables, after all, are raw materials. Like all raw materials, they are commodities.

Unfortunately, recyclables have some of the biggest price fluctuations of most commodities. This is largely because they are at the tail end of raw material purchases in terms of reliable quality and quantity.

The current downturn is the sixth significant downturn since 1990. The biggest difference among them seems to be the number of “the recycling sky is falling” articles they generate in the press. This latest downturn has been a field day for the pessimists. I don't understand this collective amnesia about market downturns. I suspect it is caused, in part, by the giddiness of bull markets.

The second is that entrepreneurs will see opportunity in this raw material and will figure out how to take advantage of it. The collapse of markets in the early 1990s led to an explosion in new end markets. Both number and capacity of domestic recycled paper mills and of recycled plastic processors and end users increased dramatically. By late 1993, bad markets were an afterthought until markets went sour several years later. Then, they went up and down a number of times, and, now, here we are.

In many ways, this latest downturn is reminiscent of the rebound to that earlier price collapse. That one was caused by a flood of new programs that overwhelmed existing markets. This one by the decision of a major export market to stop taking mixed paper and mixed plastics, the mainstays of curbside recycling programs. As we did before, we are starting to see a boom in new domestic capacity for recyclables as entrepreneurs smell opportunity. To date, 11 separate increases in the capacity of North American mills to use recycled paper have been announced. Some are brand new mills, some are conversions of old or closed mills. Most are relying on old corrugated containers and residential mixed paper as their primary feedstock. Some mills are intended to make products for the U.S. market, some to ship pulp to Chinese paper mills.

But before we declare victory, keep one thing in mind: While the light might be at the end of the tunnel, we are looking through a very long tunnel. New paper mills don't spring out of the ground

overnight. The first new mill won't open until the last quarter of 2019. Most of the others won't open until 2021. We are facing two or three more years of depressed paper prices. As in the early 1990s, this will not be fun.

We've also seen capacity increases announced for various plastic grades. In many cases, the new facilities are owned by Chinese companies and intended to make pellets or resins that can be shipped to end markets in China. As yet, they appear to be more focused on individual resins and not on curbside mixed plastics.

Most of the new facilities are located east of the Mississippi. I'm not sure why this is, but I suspect it is a function of state support for economic development. Eastern states seem to be working harder than western states to attract these new opportunities. But I would be remiss if I didn't mention the newly opened rPlanet Earth facility in Vernon, Calif. PET recycling will get a major boost from this new processor.

It's an odd reflection of the intensity of this expansion in paper and plastic end markets, but the last three or four times I have spoken about China at a conference, my slide deck was out-of-date after I e-mailed it to the conference organizers. In each case, a new paper mill or plastic processor had been announced after I went final. Maybe I should speak at more conferences and see if I can keep this streak alive.

The third point has to do with our failure to learn from the past. Veteran scrap dealers know markets will sour every four or five years. They expect it. They plan for it. Curbside recyclers and materials recovery facility operators and local governments need to adopt this mindset. We need to start thinking long term instead of short term. We need to start learning from our mistakes instead of repeating them. When markets are hot again, we need to take a deep breath, not get giddy and avoid making contracts we will regret when markets get cold. If we don't, then I expect to write this column five or six years from now when the next market downturn occurs.

Chaz Miller is a longtime veteran of the waste and recycling industry. He can be reached at chazmiller9@gmail.com.