

AGENDA

Michael Hannon, **WMA President**
City of Newark, WMA, EC

Dave Sadoff, **WMA 1st Vice President**
Castro Valley Sanitary District, WMA

Tim Rood, **WMA 2nd Vice President**
City of Piedmont, WMA, EC

Dianne Martinez, **EC President**
City of Emeryville, WMA, EC

Jim Oddie, **EC 1st Vice President**
City of Alameda, WMA, EC

Deborah Cox, **EC 2nd Vice President**
City of San Leandro, WMA, EC

Keith Carson, County of Alameda, WMA, EC

Peter Maass, City of Albany, WMA, EC

Kriss Worthington, City of Berkeley, WMA, EC

Melissa Hernandez, City of Dublin, WMA, EC

Vinnie Bacon, City of Fremont, WMA, EC

Sara Lamnin, City of Hayward, WMA, EC

Bob Carling, City of Livermore, WMA, EC

Dan Kalb, City of Oakland, WMA, EC

Shelia Young, Oro Loma Sanitary District, WMA

Jerry Pentin, City of Pleasanton, WMA, EC

Lorri Ellis, City of Union City, WMA, EC

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

Wednesday, June 27, 2018

3:00 P.M.

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

Wendy Sommer, Executive Director

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 Minutes of May 23, 2018 (Wendy Sommer)**

VI. REGULAR CALENDAR

- 5 1. Election of WMA Officers for Fiscal Year 2018-19 (Wendy Sommer)**
Staff recommends that the WMA Board elect officers for Fiscal Year 2018-19.
- 7 2. Election of EC Officers for the Fiscal Year 2018-19 (Wendy Sommer)**
Staff recommends that the Energy Council elect officers for Fiscal Year 2018-19.

- 9 **3. Budget Authorization for Kitchen Remodel (Wendy Sommer)**
 Authorize the Executive Director to spend \$92,000 (construction cost, permitting and contingency) for the agency's second floor kitchen/break room remodel.
- 4. Interim appointment(s) to the Recycling Board for WMA appointee unable to attend future Board Meeting(s) (Wendy Sommer)**
 (Planning Committee and Recycling Board meeting, July 12, 2018 at 7:00 pm, Fremont Family Resource Center, 39155 Liberty St. Millennium, Ste. A120, Fremont, CA)

VII. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

11 VIII. 2018 STOPWASTE BUSINESS EFFICIENCY AWARDS

IX. ADJOURNMENT

DRAFT

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

Wednesday, May 23, 2018

3:00 P.M.

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

I. CALL TO ORDER

President Mike Hannon, WMA, called the meeting to order at 3:03 p.m.

II. ROLL CALL OF ATTENDANCE

City of Alameda	Jim Oddie, WMA, EC
City of Albany	Peter Maass, WMA, EC
County of Alameda	Scott Haggerty, WMA, EC
City of Berkeley	Kriss Worthington, WMA, EC
City of Dublin	Melissa Hernandez, WMA, EC
City of Emeryville	Dianne Martinez, WMA, EC
City of Hayward	Sara Lamnin, WMA, EC
City of Livermore	Bob Carling, 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 Newark	Mike Hannon, WMA, EC
City of San Leandro	Deborah Cox, WMA, EC
City of Union City	Lorrin Ellis, WMA, EC

ABSENT:

Castro Valley Sanitary District	Dave Sadoff, WMA
City of Fremont	Vinnie Bacon, WMA, EC

Staff Participating:

Wendy Sommer, Executive Director
Tom Padia, Deputy Executive Director
Patricia Cabrera, Administrative Services Director
Michelle Fay, Program Manager
Richard Taylor, WMA Legal Counsel
Arliss Dunn, Clerk of the Board

Others Participating:

Bill Pollock, Program Manager, Alameda County Household Hazardous Waste Program

III. ANNOUNCEMENTS BY PRESIDENTS

There were none.

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IV. OPEN PUBLIC DISCUSSION FROM THE FLOOR

There was none.

V. CONSENT CALENDAR

1. Approval of the April 25, 2018 Draft Minutes of the Joint meeting of the WMA/EC & RB (Wendy Sommer)

There were no public comments on the consent calendar. Board member Pentin made the motion to approve the consent calendar. Board member Worthington seconded and the motion carried 13-0-1 (Ayes: Carling, Cox, Haggerty, Hannon, Hernandez, Lamnin, Maass, Martinez, Oddie, Pentin, Rood, Worthington. Nays: None. Abstained: Young. Absent: Bacon, Ellis, Kalb, Sadoff).

VI. REGULAR CALENDAR

1. Proposed FY 2018-19 Budget (Wendy Sommer & Pat Cabrera)

Staff recommends that the WMA Board adopt the WMA FY 18-19 Budget Resolution (Attachment A) and the Energy Council adopt the EC FY 18-19 Budget Resolution (Attachment B).

Pat Cabrera provided an overview of the staff report. A link to the reports is available here: [Proposed-FY-2018-2019-Budget.pdf](#).

President Hannon asked that staff provide a summary of the comments and recommendations that were provided at the April 25, 2018 joint meeting. Ms. Sommer stated that staff was asked to include in the budget the cost savings from the retirees. The information is included in the budget. Staff was also asked to indicate in the project charters the deliverables that were ongoing, carryover from the previous fiscal year, or new for the upcoming fiscal year. This information is included as well. Board member Lamnin inquired about the \$130,000 budgeted for school outreach. Ms. Cabrera stated that the \$130,000 is for bus transportation for students to tour the transfer stations at Davis Street and Fremont BLT. There was no public comment on this item.

Board member Oddie made the motion to adopt the respective WMA & EC budgets for FY 18-19. Board member Worthington seconded and the motion carried 17-0 for the WMA and 17-0 for the EC.

(WMA vote - Ayes: Carling, Cox, Haggerty, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Oddie, Pentin, Rood, Worthington, Young. Nays: None. Abstained: None. Absent: Bacon, Ellis, Sadoff).

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

2. Public Hearing and Annual Adoption of Fee Collection Report for Household Hazardous Waste Fee (Pat Cabrera)

Staff recommends the following:

1. That the WMA Board hold a public hearing on the Fee Collection Report and approve the Fee Collection Report for FY 2018-19, which includes adjusting the fee downward from \$8.46 to \$7.40 per unit for FY 2018-19.
2. That the WMA Board approve opening the Livermore and Hayward facilities on Thursdays as proposed by County staff.

Pat Cabrera provided an overview of the staff report and presented a PowerPoint presentation. A link to the report and the presentation is available here: [FY-18-19-HHW-Report.pdf](#)

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Bill Pollock, HHW Program Manager and Jeanne Nader, StopWaste Program Manager were available to answer any questions.

President Hannon opened the public hearing. There were no public comments on this item and the public hearing was closed. Board member Carling asked for clarification regarding increasing capacity at the Livermore facility. Mr. Pollock stated that the plan is to increase capacity to accept more vehicles and products. Board member Haggerty commented that the HHW fee will sunset in 2024 and inquired if there has been any discussion regarding going back to voters. Ms. Sommer stated that yes there has been discussion and staff is planning to bring the item to the Board at the November priority setting session. Ms. Sommer added the fee was not part of a ballot process but was done under Prop 218. Richard Taylor added the HHW fee is a property related fee under Prop 218 that is not required to go to a vote of the people but requires a landowner protest process. Board member Kalb inquired if the HHW fee is lowered can it be raised again without exceeding the \$9.55 cap. Ms. Cabrera stated that the fee resets back to \$9.55 per residential unit per year every fiscal year and is then adjusted based on the formula adopted in the ordinance. Board member Maass inquired if household participation with respect to medicines and prescription drugs are included in the statistics. Mr. Pollock stated that medicines and prescription drugs collected at kiosks are not included in the statistics; however, the medicines and prescription drugs that are brought to the HHW facilities are. Board member Maass commented that there were problems with controlled substances at the drop-off sites and asked for an update on the issue. Mr. Pollock stated that the HHW facilities are restricted from accepting controlled substances and they are considering no longer accepting medicines and prescription drugs at the fixed facilities. However, controlled substances are accepted at the one-day events because there is police presence at the events as well as product stewardship and reverse distributors onsite that can legally take away the drugs.

Board member Haggerty made the motion to approve Item #1 of the staff recommendation. Board member Pentin seconded and the motion carried 18-0. Board member Haggerty made the motion to approve Item #2 of the staff recommendation. Board member Rood seconded and the motion carried 18-0.

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

3. 2018 Priority Setting (Wendy Sommer)

That the Authority Board approve the priority setting process and timeline described in the staff report.

Wendy Sommer provided an overview of the staff report. A link to the report is available here: [2018-Priority-Setting.pdf](#)

Board member Lamnin commented that given that the agency's focus is on behavior change, is there a process for our grantees or for the community to provide input. Ms. Sommer stated that we try to glean information from residents through the TAC as they are our eyes and ears for the constituents. Board member Lamnin stated that it would be a good idea to extend this opportunity to the grantees as well and to include inserts in bills with concrete questions to glean specific information. Board member Rood commented with respect to the priority setting schedule and planning that staff should be cognizant regarding the upcoming elections in November and possible changes in the Board composition. President Hannon stated that he agrees that it is important to transition from a ten year plan to a two year plan and asked that staff provide a historical perspective on some of the ideas and priorities that the Board set on a ten year basis that we were successful in accomplishing as well as any items that we were unable to accomplish

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as the Board may feel that they are still important enough to try and complete. Ms. Sommer stated that major success would be the Mandatory Recycling Ordinance and the Reusable Bag Ordinance. Ideas that were not successful or proved to be ineffective and unnecessary were the Franchise Task Force; the Ready, Set, Recycle Contest; the Advanced Disposal Fee; and planned investment in facilities. President Hannon thanked Ms. Sommer for the summary. There was no public comment on this item.

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

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

4. Reappointment to the Recycling Board – Board member Jim Oddie (Wendy Sommer)

Staff recommends that the Waste Management Authority Board reappoint Board member Oddie to a two-year term on the Recycling Board ending June 21, 2020.

There was no public comment on this item. Board member Worthington made the motion to accept the staff recommendation. Board member Martinez seconded and the motion carried 18-0.

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

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

(Planning Committee and Recycling Board meeting, June 14, 2018 at 4:00 pm, StopWaste Offices, 1537 Webster Street, Oakland, CA)

There were none.

VII. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

Ms. Sommer introduced Alma Freeman, new Communications Program Manager. Ms. Freeman will be replacing Judi Ettlinger as she will be retiring at the end of the month. Ms. Sommer announced that Deputy Director Tom Padia was recognized as one of two CRRRA Recyclers of the Year. Ms. Sommer thanked the city of Hayward for opposing AB 1912 and stated that StopWaste will be opposing the legislation as well. AB 1912 in essence says that if a JPA is dissolved then the member agencies will be responsible for the retirees and their pensions. Mr. Taylor added regardless whether the JPA dissolves, each member agency would have to agree to take on a portion of our debt and in the event that we did dissolve, the other member agencies would have to include it in their accounting debt towards their unfunded pension liabilities. Ms. Sommer added the League of Cities is opposing this as well.

Michelle Fay, Program Manager, announced that the 2018 StopWaste Business Efficiency Awards will be held at the June 27, 2018 WMA/EC Board meeting. Networking and light refreshments will be served prior to the start of the meeting at 2:30 p.m. We received nominations from member agency staff, haulers, StopWaste staff and our consultants. We selected five business awardees representing Castro Valley Sanitary District, and the cities of Emeryville, Oakland, and Livermore. Ms. Fay will share the link for more information about the businesses via email. Ms. Fay added staff is also working on new recognition opportunities for residents.

VIII. ADJOURNMENT

The meeting was adjourned at 3:38 p.m.



DATE: June 27, 2018
TO: Waste Management Authority Board
FROM: Wendy Sommer, Executive Director
BY: Arliss Dunn, Clerk of the Board
SUBJECT: Election of WMA Officers for Fiscal Year 2018-19

SUMMARY

Authority officers’ terms are on a fiscal year basis. Since the end of June concludes our fiscal year, it is time for election of new officers, effective July 1.

DISCUSSION

Mike Hannon from South County is the current President, Dave Sadoff from East County is the current First Vice President, and Tim Rood from North County is the current Second Vice President.

Items to consider:

- Authority policy calls for the geographic origin of officers to rotate each year. The next President should be from East County, the next First Vice President from North County, and the next Second Vice President from South County. It is customary, but not required by policy, for each officer to ‘advance one level’ each year.
- The county’s geographic designation is determined by the member's supervisorial district boundary:
 - North County is defined as Albany, Berkeley, Oakland, Emeryville, Piedmont and Alameda.
 - South County is defined as Hayward, San Leandro, Union City, Newark, and Fremont.
 - East County is defined as Castro Valley Sanitary District, Oro Loma Sanitary District, Dublin, Livermore, and Pleasanton.

RECOMMENDATION

Staff recommends that the WMA Board elect officers for Fiscal Year 2018-19.

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DATE: June 27, 2018
TO: Energy Council
FROM: Wendy Sommer, Executive Director
BY: Arliss Dunn, Clerk of the Board
SUBJECT: Election of EC Officers for Fiscal Year 2018-19

SUMMARY

Energy Council officers’ terms are on a fiscal year basis. It is time for election of new officers for FY 2018-19. Dianne Martinez (Emeryville) is the current President, Jim Oddie (Alameda) is the First Vice President, and Deborah Cox (San Leandro) is the Second Vice President.

DISCUSSION

Items for consideration when electing officers:

- It is customary for each officer to “advance one level” each year.
- Unlike the Waste Management Authority, the Energy Council does not require the geographic origin of officers to include one from each of three defined parts of the county.
- The Energy Council was interested in ensuring that the officers were not all from large or small member agencies. Larger agencies might be defined as those with more than one vote on the Energy Council, in recognition that they have larger populations than the other agencies. The agencies with more than one vote are City of Oakland (3), County of Alameda (2), City of Hayward (2), and City of Fremont (2).

RECOMMENDATION

Staff recommends that the Energy Council elect officers for Fiscal Year 2018-19.

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DATE: June 27, 2018
TO: Waste Management Authority Board
FROM: Wendy Sommer, Executive Director
SUBJECT: Budget Authorization for Kitchen Remodel

SUMMARY

This is a request for budget authorization for the agency's second floor kitchen remodel.

DISCUSSION

Eleven years ago, StopWaste renovated and moved into our current building. In keeping with our environmental mission, we incorporated green building and sustainable landscaping practices into the design and construction of our facility. It was the first renovation project to achieve a LEED v. 2.2 Platinum certification in the nation. In 2015 we also received LEED Platinum certification for Existing Buildings Operation and Maintenance.

In 2016 we made improvements to the Board room and updated our audio-visual equipment. In 2018 we are making improvements to the second floor, where 90% of staff are housed. The current kitchen is significantly undersized for over 40 staff and there is no seated dining area. We released a RFP for second floor redesign services and selected Siegel and Strain Architects in March 2018. Siegel & Strain has a long track record of sustainable building practices and is committed to support the agency's waste prevention and reuse goals.

The architects (as the construction administrator), undertook an informal bid process and selected Charles Pankow Builder, LTD to perform the work at the cost of \$79,598. We have been saving funds for this purpose by encumbering a small portion of surplus contingency funding each year. The encumbered savings was within our annual core budget appropriation.

RECOMMENDATION

Authorize the Executive Director to spend \$92,000 (construction cost, permitting and contingency) for the agency's second floor kitchen/break room remodel.

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DATE: June 27, 2018
TO: Waste Management Authority Board
FROM: Wendy Sommer, Executive Director
BY: Michelle Fay, Program Manager
SUBJECT: 2018 Business Efficiency Awards

SUMMARY

The 2018 StopWaste Business Efficiency Awards will be presented during the June 27 WMA Board meeting, recognizing five Alameda County businesses for their efforts to reduce waste. Doors will open at 2:30 p.m. for attendees to enjoy light refreshments and networking before the meeting is called to order at 3:00 p.m. Board members with awardees in their jurisdiction will be asked to hand the award to the business representative.

DISCUSSION

After a three-week call for nominations, StopWaste received ten nominations representing six Alameda County cities. Nominations were submitted by member agency staff, hauler representatives, StopWaste staff, technical assistance consultants and other agency partners. Each nomination was evaluated based on environmental benefit, innovation, leadership and replicability. Geographic distribution, industry representation and compliance with the Mandatory Recycling Ordinance were also considered. We are pleased to share the following list of awardees:

[CHECKERS CATERING AND SPECIAL EVENTS](#) – Livermore
Excellence in Waste Prevention & Reuse

Checkers Catering and Special Events in Livermore has provided service and cuisine to events ranging from business lunches to weddings for 30 years. In July 2017 they joined StopWaste’s Smart Kitchen Initiative, committing to tracking pre-consumer food waste, including surplus edible food, with the goal of improving Checkers’ already outstanding food waste reduction practices. In the first 11 months, they cut food waste by more than 7,000 pounds, or 19% compared to baseline. In addition, they donated more than 5,000 pounds of surplus edible food, or 4,100 meals, to Open Heart Kitchen to feed hungry people. Checkers also minimizes disposable food service ware by using reusable dishware that is picked up post-event.

NEW PARKWAY THEATER – Oakland

Excellence in Waste Prevention & Reuse

The New Parkway Theater is a mission-driven, community-centered cinema and pub in Oakland's Uptown district. Since they opened in 2012, the New Parkway Theater has been committed to producing as little waste as possible and have eliminated practically all single-use items from their business. They offer food and beverages only in reusable food service ware, from plates and cups to cloth napkins and metal straws. Instead of using bags to line bins at their recycling stations, they collect materials loose in indoor recycling, organics, and garbage bins and then rinse the bins after they're emptied. The furniture in their theaters is mostly reclaimed and their restrooms are paper towel free with a foot handle on the door to open without touching the handle. The theater empowers and incentivizes staff to continue to make creative waste reduction solutions.

PIXAR ANIMATION STUDIOS – Emeryville

Excellence in Waste Prevention & Reuse

A computer animation film studio based in Emeryville, **Pixar Animation Studios** has a campus of more than a thousand employees. Pixar has made huge investments in sustainability and their passionate "Green Team" has helped to upgrade the buildings with energy efficient LED lighting, low-flow water fixtures, and systems to repurpose and recycle old furniture and even expanded polystyrene – common in computer packaging. Every Earth Week, Pixar creates an art installation to highlight the waste of a specific office item, like the single use coffee cup display that resulted in a 40% reduction in the use of disposable coffee cups. With help from Waste Management, Pixar increased waste diversion from 59% in 2016 to 76% in 2018, primarily due to composting food scraps and food-soiled paper. The Green Team recently removed all desk-side waste containers, replacing them with three-stream container systems in convenient central locations to reduce waste, including the 46 miles of plastic liners that were being sent to the landfill every year.

REDWOOD SURGERY CENTER – Castro Valley

Excellence in Recycling & Composting

An independent outpatient surgery center in Castro Valley, **Redwood Surgery Center** received a waste audit in June 2017 that showed a great opportunity to save by decreasing waste. Since they set up their new multi-bin system, Redwood Surgery Center has decreased their garbage by more than 60%, increased recycling by 50%, and added organics collection for the first time. New containers, signs and training provided by Castro Valley Sanitary District made it easy for staff to take ownership over the expanded recycling and new organics program, cutting their garbage bill in half and moving their overall waste diversion from 33% to 70%, a truly impressive accomplishment for a business in the medical industry.

RUBY KING BAKERY – Oakland

Excellence in Recycling & Composting

In business for some 30 years, Ruby King Bakery is a family-run bakery in Oakland's Chinatown and is famous for their egg tarts. When owner Weng Kee Fu and his wife signed up for recycling and organics service, they were able to cut their weekly garbage collection service in half, going from two cubic yards of weekly garbage service down to just one. They set up color-coded and well-labeled recycling stations back-of-house as well as in the customer area and provide on-going trainings to their small staff on proper sorting. Ruby King Bakery is a champion of recycling and composting in Oakland's Chinatown community. Even their spent coffee grounds are picked up by neighbors for backyard composting!

RECOMMENDATION

This item is for information only.

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**July 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 AGENCY HOLIDAY	5	6	7
8	9	10	11	12 9:00 AM Programs & Administration Committee 1. Food Service Packaging/Marine debris <hr/> 7:00 PM Planning Committee & Recycling Board (Fremont Family Resource Ctr.) 1. Food Service Packaging/Marine debris 2. RB Rules of Procedure 3. CoIWMP 5 Year Review 4. ACI CoIWMP Amendment	13	14
15	16	17	18	19	20	21
22	23	24	25 3:00 PM Waste Management Authority and Energy Council Key Items: 1. ACI CoIWMP Amendment First reading 2. Executive Director's Eval. - Closed Session 3. SB 1383 Update 4. BayREN/Grants 5. BAAQMD Grant	26	27	28
29	30	31				

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MEETING NOTES

Energy Council TECHNICAL ADVISORY GROUP (TAG)

Tuesday June 19, 2018 – 1:00 pm to 3:00 pm

Attendance:

City of Albany: Claire Griffing

City of Berkeley: Billi Romain

City of Dublin: Rebecca Parnes

City of Emeryville: Nancy Humphrey

City of Fremont: Rachel DiFranco (phone), Chelsea Marcell (Civic Spark)

City of Hayward: Cait Byrne, Ciaran Gallagher (Civic Spark)

City of Oakland: Shayna Hirshfield-Gold, Ben Linthicum (Civic Spark)

City of Piedmont: Cody Erickson (Civic Spark)

City of Pleasanton: Derek Lee (phone)

City of San Leandro: Sally Barros, Delaney King (Civic Spark)

StopWaste: Jennifer West, Miya Kitahara, Candis Mary-Dauphin, Ben Cooper, Jeffery Liang

Guests: Tom Cuccia (CAISO); Annie Henderson (EBCE); Rich Chien (San Francisco Department of the Environment)

CAISO presentation by Tom Cuccia from CA Independent System Operator, Account Manager

- The grid is broken into 3 regions in North America – The Eastern Grid, Texas, and the Western Interconnection
- All balancing authorities work together to synchronize the grid. If it goes out of sync, it can damage the grid. The CAISO is the largest balancing authority on the Western grid – it controls 80% of CA and a bit of Nevada. It picks which resources will operate, and turns sources on and off.
- The CAISO has 4 main responsibilities.
 - Balances supply and demand
 - Operates markets for wholesale electricity and reserves
 - Manages new power plant interconnections (and other interconnections)
 - Plans grid expansions
 - Adding storage requires a load study
 - 20 transmission lines have been cancelled over the past 2 years because of the increase of distributed energy resources (DER).
- With the increases in DER, CAISO must forecast generation and load, and adjust constantly depending on resources.

- Grid modernization – grid was initially built for electricity to flow one way. Now, with solar being put on homes, there is a need to modernize distribution flow two ways.
 - Biggest challenge with 2 way flow is scheduling flow and monetization of the service being provided by the customer.
 - It is difficult to meet these challenges when only looking at the meter. Looking for 3rd party provider/aggregator for scheduling coordinators to perform this type of service.
 - The ISO focuses on the upper grid. The utilities look at the compensation for the retail side of distribution.
- Retirement of large fossil fuel plants is shifting load pockets. There is a need to reevaluate what is on line today, upcoming changes, the needs of each geographic area, and the resources flowing into each of these areas.
- Congestion on a line prevents adding of additional resources as needed, and increases cost.
- California energy and environmental policies drive renewable integration and transmission needs. Tom reviews the current state of 4 renewable sources.
 - Wind is unpredictable and comes with challenges. The state has 6200 MW of capacity currently installed. Not a lot of additional resources being built, but many are being retooled to meet the needs of grid and help with balancing.
 - Utility solar – there is 11,400 MW installed in that state, and adding more. This is causing competition on the line for resources getting awarded into the market.
 - Rooftop solar – provides semi-predictable output. 19,000 MW installed capacity and makes up 37-40% of resources.
 - Approximately 4000 MW of new renewables going online by 2020.
- The belly of the duck curve is lower than anticipated for 2018. We are dropping our net load as we are adding more solar. There are only so many resources we can turn off. The operating range for efficiency is about 70%. Cannot turn off gas-fired plants, so we have to turn off renewable. Ramp at end of day is biggest challenge.
- Demand response (DR) participation kept the state from reaching an all-time high demand.
 - Right now all DR is reduction, but we will need to use it to shift load to later in the evening, meets load ramp, keeps costs down, and uses up excess renewables which would otherwise be curtailed.
- Regionalization – Expanding the CAISO to add other balancing authorities in nearby states.
 - Can utilize more renewables through regionalization.
 - Challenges – CA governor appoints members of the CAISO board, and other states do not want to be beholden to CA state policies.
 - Today the legislature is looking at CAISO’s regionalization proposal.
- CAISO is excited about Time Of Use (TOU) rates. More education is needed to take advantage of these rates in homes.

- Billi mentions that equity issues should be a consideration as a smart technology dependent grid can widen inequities due to the digital divide.
- We need fast ramping resources to meet the needs of the grid once renewable surpasses 50%. 100% renewable is a great goal, but we will need to consider if those resources are going to be available 24/7. To build enough batteries would be extremely expensive.
- Shayna asks how we are communicating these technical challenges to the public. Does CAISO have people working on developing simple ways to communicate this information?
 - There are 2 levels of the grid – transmission level and the distribution level. Customers have to understand the distribution level. ChargePoint and Juice Box have videos that explain when to charge vehicles. There is the ability to send alerts on smartphones.
 - CCAs will develop programs based on local plans.

East Bay Community Energy (EBCE)

Annie Henderson, EBCE

- Comments on Local Business Development Plan (LDBP) (three documents) due (6/20) at 5:00 PM.
- Commercial outreach collateral is available, but residential is not yet available.
- There was an outreach event last week, and it was well covered by media – East Bay Times, KQED, and several Patches.
- Annie reviews the results of the marketing study:
 - 423 in person surveys done in 5 different regions, multiple locations in Alameda County – in 3 different languages. Good broad, representative sampling of Alameda County
 - Inner Q put together 3 personas to inform marketing collateral.
 - Will customize the messaging for the different personas in the market.
 - Outreach plan development: Will be distributing components next month.
- 3rd product was approved by board. It will be offered at 1 cent over the PG&E rate, and it is 100% renewable for both commercial and residential. It will be called “Renewable 100.”
- Annie sent a survey to TAG for outreach channels.
- Peak Day pricing service eligibility is lost when transferred over from PG&E. Peak day pricing is now an opt-out program for commercial by 6/30. These customers will be contacted, when an alert day is coming up. Will get charged a regular rate. At the end of the year, there will be an analysis, and they will get a rebate for shifting demand. There will not be any penalty for use during peak hours.
- As of June 13th, opt out was at 0.68% by customer number and 2% by load.
- Opt out typically occurs right after enrollment and after first bill. Top reasons for opting out are “auto-enrollment” and perception of higher costs.

- Bills are difficult to read. There is a charge for both EBCE and PG&E and a credit back from PG&E on the first page. EBCE will create a website page that explains how to read the bill.
- Rebecca requested a list of outreach events EBCE will attend so that cities can help promote.
- EBCE is working with Climate Corps Bay Area to recruit an outreach fellow. It is also posting a senior outreach position.
- There will be LBDP workshops on the 25th in Oakland and the 28th in either Union City or Castro Valley. A 3rd workshop will occur as part of executive committee meeting on 6/29.
- SW comments – Focused on Electrification portion
 - Supportive of pilot to sign up ~3000 customers as gas customers, charging a surplus, and creating a fund that will be used later to help incentivize customers to electrify.
 - Advocating midstream and upstream incentives as more effective.
 - Hoping for flexibility to collaborate with other electrification programs.
 - CARE Customers - how will they benefit from electrification?
 - Advocating for contractor training.
 - Mentions the existing HPWH programs.

USDN (Urban Sustainability Directors Network) Equity Conference report

Billi Romain, Sally Barros, and Jeffery Liang attended the conference 6/4-5.

- Result of a \$100K USDN grant.
- USDN has equity training with resources available on the public website.
- A different take on environmental justice – saying that government policies have perpetuated and caused racial inequities. Unless govt reduces them, it is perpetuating the problem.
- Developing equity lenses to identify who’s benefitting and not benefitting from policies.
- Program Equity should consider energy burdens, health and safety, homeowners & renters, moderate income people, resiliency opportunities and substandard housing.
- Goals of the conference
 - Fostering collaboration, exploring best practices, developing resources (will result in guidebook and slide deck available at the end of July), engage in dialogue.
- USDN was interested in our CCA, as EBCE has a strong equity focus.
- Look at who is working within low income and communities of color to see who is already working in these communities, and foster connections.

BayREN updates and dashboard

Rich Chien provides an update on the BayREN Small to Medium Business (SMB) Program:

- San Francisco Environment (SFE) is the lead for new commercial BayREN offering. Approved by the final decision 5/31, funded at ~70% of what was asked, significantly below IOU (Investor Owned Utility – PG&E) SMB programs in the Bay Area.

- The program is still under development, and needs to put together an implementation plan. Deadlines will be met with program design as the most immediate goal.
- BayREN’s charter requires it to “fill gaps” and “pilot activities with the potential to scale.”
- Currently working on joint cooperation memo (JCM) with PG&E, showing no duplication, which is challenging with third party solicitations, not knowing what program designs will be.
- Proposed program components:
 - Continue commercial PACE program
 - Microloan program
 - Small business advisor program – was modeled after the home upgrade advisor.
 - Pay-for-Performance program
- BayREN integrated commercial retrofits (BRICR) tool was created with CEC funds, but only has San Francisco buildings currently. SFE will survey jurisdictions for additional data for the tool.

UPCOMING TAG MEETINGS: Tuesday, July 24, 2018 1:00 – 2:30 pm.

CivicSpark End of Year Event will follow 2:30 – 4:30 pm.

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A HEALTHY BREATHING ENVIRONMENT FOR EVERY BAY AREA RESIDENT

[Air District \(/\)](#) / [News & Events \(/news-and-events\)](#) / [Air District funds \\$4.5 million for public agency climate protection grants](#)

Air District funds \$4.5 million for public agency climate protection grants

NEW

Date

Tuesday, June 19, 2018

The Air District's Board of Directors has approved \$4.5 million to fund projects at 15 regional public agencies to reduce greenhouse gases from existing buildings, and/or to develop innovative strategies for long-term reduction of greenhouse gas emissions.

NEW

All projects conform to *Spare the Air, Cool the Climate*, the Air District's clean air plan, and accelerate the reduction of criteria air pollution as well as greenhouse gases. The selected projects are innovative approaches which hold promise as strategies that can be replicated throughout the region and beyond.

The projects include \$400,000 to the Bay Area Regional Energy Network (BayREN) a collaboration of the nine counties that make up the San Francisco Bay Area, led by the Association of Bay Area Governments. BayREN implements effective energy saving programs on a regional level and will develop a program to use electric hot water heat pumps instead of traditional natural gas water heating tanks.

The Alameda County Waste Management Authority has been awarded \$263,000 to use automated sensor technology to help reduce contamination in compost.

Marin County, working along with other jurisdictions has been awarded \$206,000 to develop marketing and model policies to promote low-carbon concrete building materials in local municipalities.

View press release http://www.baaqmd.gov/~media/files/communications-and-outreach/publications/news-releases/2018/climategrants_180619_2018_043-pdf.pdf?la=en

Last Updated: 6/19/2018

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The New York Times

6 Things You're Recycling Wrong

Can you recycle coffee cups or greasy pizza boxes? If you're tossing things in the recycling bin out of sheer hope, you might be an "aspirational recycler."

By **Livia Albeck-Ripka**

May 29, 2018



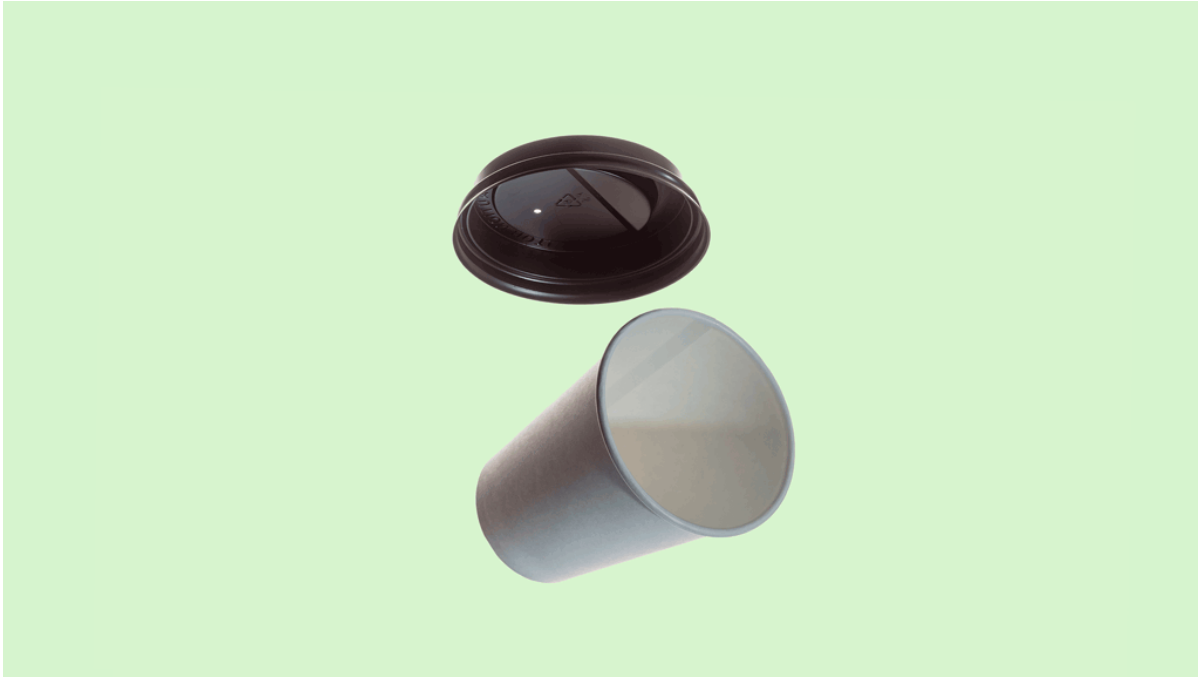
Tony Cenicola/The New York Times

We have all done it: a greasy pizza box, a disposable coffee cup, the odd plastic bag. Sometimes, we want things to be recyclable, so we put them in the recycling bin.

Waste managers often call this wishful or aspirational recycling. But, unfortunately, putting these objects in with the rest of the recycling can do more harm than good. While rules differ in every municipality (check your local recycling website to find out what's acceptable), we have picked out some key offenders to keep in mind.

Too many of these items will contaminate a batch of recycling. That means waste managers might not be able to find buyers for the materials — especially now that China, one of the world's main importers of recyclable waste, has said it will reject shipments that are more than 0.5 percent impure. Contaminated loads could be sent to the landfill instead.

Disposable cups



Tony Cenicola/The New York Times

Your disposable coffee cup might seem like it can be recycled, but most single-use cups are lined with a fine film of polyethylene, which makes the cups liquid-proof but also difficult and expensive to reprocess (because the materials have to be separated). Most waste management facilities will treat the cups as trash.

If you're putting these cups in with your recycling, they are likely contaminating the rest of the materials, said Jim Ace, a senior campaigner at Stand.earth, an environmental group. In an experiment this year, the group affixed electronic trackers inside Starbucks cups, put the cups in recycling bins in Denver, then traced them to a landfill.

"There's no way a consumer would know if a cup was lined," Mr. Ace said, so it's best to throw it away. (You can also check if your local recycler has special equipment to handle coffee cups; some do, a Starbucks spokeswoman said. The New York City Department of Sanitation says it accepts "paper cups with non-paper lining.")

The plastic lid might be recyclable in your area; check the number inside it against your local recycling guidelines.

Greasy pizza boxes



Tony Cenicola/The New York Times

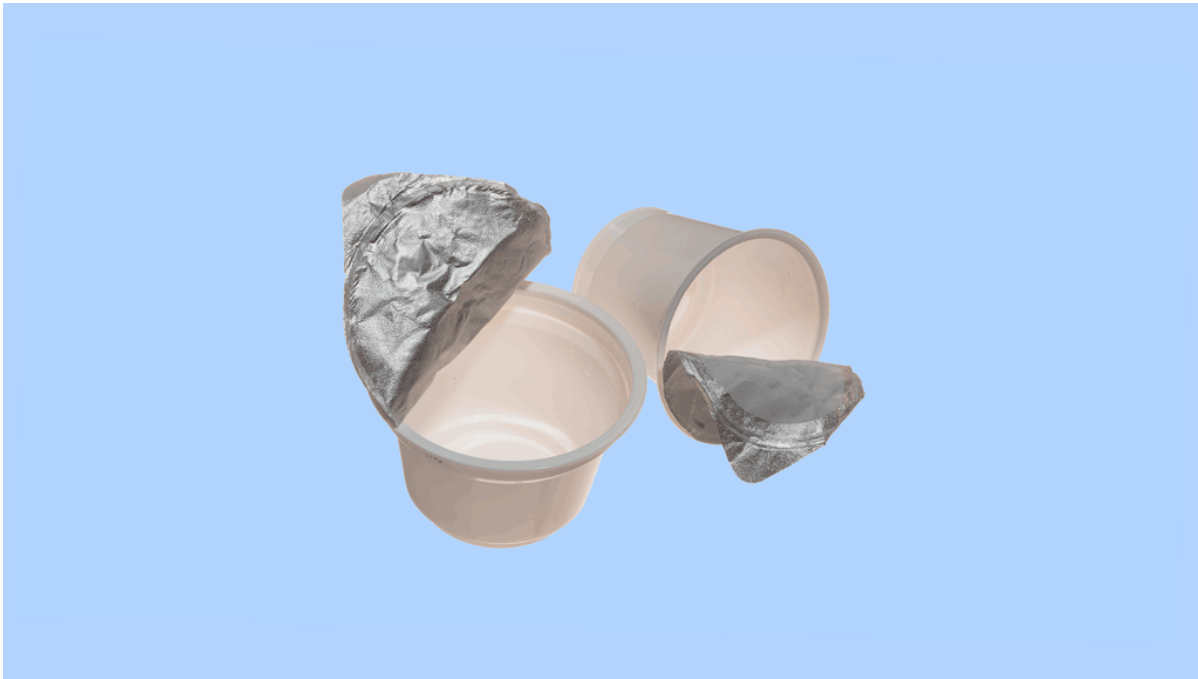
Pizza boxes are among the most common offenders when it comes to contamination, waste managers say. The problem is that oil often seeps into the cardboard. The oil cannot be separated from the fiber, making that material less valuable, and less marketable, to buyers.

But that's not to say you can never recycle a pizza box, said Marjorie Griek, executive director of the National Recycling Coalition, which promotes recycling in the United States. "If you've got a few crumbs in there, that's not an issue," she said.

Pizza boxes with "small amounts of grease" are O.K. to recycle in New York City, a sanitation department spokeswoman said. If the grease seeps through the cardboard, the box should be put in a composting bin or thrown out, she said.

Remember, there are also two sides to a pizza box. If there's a side that's not oily, tear that off and recycle it.

Yogurt cups (and other non-recyclable plastics)



Tony Cenicola/The New York Times

After China banned used plastics this year, many municipalities in the United States no longer accept plastics numbered 3 to 7, which can include things like yogurt cups, butter tubs and vegetable oil bottles. Look at the bottom of a container for a number inside a triangle to see what type it is.

Without China, there is little market for these types of plastic, said Will Posegate, chief operations officer for Garten Services, which manages waste in parts of Oregon. "It's expensive to get rid of it right now," he said.

Should you keep the caps on your bottles? Some waste managers say it's fine (as long as they are screwed on tight), while others advise throwing them in the trash.

Check your local recycling website to see which plastic types are still acceptable in your area.

Oily takeout containers



Tony Cenicola/The New York Times

Even if a container is labeled correctly for recycling in your area, another contamination culprit is food residue: scraps of pad thai in a plastic tray, or those few drops of bad milk at the bottom of the jug.

Washing out food scraps from recyclables can be just as important as putting the right thing in the recycling bin, said Jackie Lang, a spokeswoman for Waste Management in Oregon. You don't have to scrub containers until they are sparkling clean — that could waste water. But too many scraps of food and liquid can contaminate a load, which could then be sent to a landfill, Ms. Lang said. As much as possible, “keep food and liquids out,” she said.

Plastic bags



Tony Cenicola/The New York Times

If you have a trash chute in your building, or a long walk down to the recycling bin, you might have gotten into the habit of collecting your paper, plastics and glass in used plastic bags, but it's important to note that the bags themselves should not be put in the recycling cart.

While we might wish that plastic bags — notorious for dissolving into microplastics and killing wildlife — could be sent to processors with our other recycling, they shouldn't be. They create a nightmare for waste managers by plugging up machinery. So remember to dump your recyclables out of the plastic bag when putting them in the recycling bin. Some areas do offer plastic bag drop-offs, which send these nonrigid plastics to special facilities for recycling. Other cities and states have moved to tax, limit or ban the use of plastic bags altogether.

Dirty diapers (yes, people do this)



Tony Cenicola/The New York Times

O.K., we're not accusing you of attempting to recycle used diapers. But people out there are trying. Waste managers around the United States say they turn up at their recycling facilities often.

In some cases, people might think that a diaper should be recyclable because it is mostly made of plastic, said Garry Penning, a spokesman for Rogue Disposal and Recycling, which operates throughout Oregon. But diapers are made of a number of materials, and usually more than one type of plastic. Of course, once they are used, they are also filled with human waste.

In other cases, Mr. Penning said, the recycling bin has simply become "the overflow for the garbage pail." While there have been some attempts at diaper recycling, for the most part dirty one-use diapers are not considered recyclable and are best put straight in the trash.

"As a result of China's waste import restrictions, we need to educate the public how to recycle properly," said David Biderman, executive director of the Solid Waste Association of North America. "I think the public can make a significant difference," he said.

More about what's changed this year

Your Recycling Gets Recycled, Right? Maybe, or Maybe Not

Plastics and papers from dozens of American cities and towns are being dumped in landfills after China stopped recycling most "foreign garbage."



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A version of this article appears in print on May 30, 2018, on Page B5 of the New York edition with the headline: 6 Things You're Recycling Wrong