

Dave Sadoff, **WMA President**
Castro Valley Sanitary District, WMA
Tim Rood, **WMA 1st Vice President**
City of Piedmont, WMA, EC
Deborah Cox, **WMA 2nd Vice President, EC 1st Vice President**
City of San Leandro, WMA, EC
Jim Oddie, **EC President**
City of Alameda, WMA, EC
Keith Carson, County of Alameda, WMA, EC
Rochelle Nason, City of Albany, WMA, EC
Susan Wengraf, City of Berkeley, WMA, EC
Melissa Hernandez, City of Dublin, WMA, EC
Dianne Martinez, City of Emeryville, WMA, EC
Vinnie Bacon, City of Fremont, WMA, EC
Francisco Zermeño, City of Hayward, 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
Emily Duncan, City of Union City, WMA, EC
Wendy Sommer, Executive Director

AGENDA

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

Wednesday, January 23, 2019

3:00 P.M.

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

**Teleconference
Dave Sadoff
Renaissance Indian Wells
44400 Indian Wells Lane
Indian Wells, CA 92210
(760) 773-4444**

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 December 19, 2018 (Wendy Sommer)

11 2. Records Retention Schedule (Arliss Dunn)

That the WMA Board adopt the following as recommended by the P&A Committee:

1. Adopt the attached resolution and records retention schedule effective immediately.
2. Authorize the Executive Director to make administrative changes that are minor in nature and/or are consistent with applicable, state, local or federal laws or guidelines.

VI. REGULAR CALENDAR

1. CLOSED SESSION

CONFERENCE WITH LEGAL COUNSEL—EXISTING LITIGATION – two Cases

(Government Code section 54956.9(d)(1))

Name of case: Alameda County Waste Management Authority v. Waste Connections US, Inc. et al.
(Contra Costa County Superior Court Case No. CIVMSC18-01546)

Name of case: A.W. Stein & A.R. Boone v. Alameda County Waste Management Authority
(Court Of Appeal For The State Of California, First Appellate District, Case No. A154804)

- 25 2. Appointment to the Recycling Board (Wendy Sommer)**
That the WMA Board fill the vacancy on the Recycling Board.
- 3. 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, February 14, 2019 at 7:00 p.m., San Leandro Senior Center, 13909 E 14th St, San Leandro, CA 94578)
- 27 4. Election of Second Vice President (Wendy Sommer) (EC only)**
Elect a new Second Vice President.
- 29 5. 2019 PG&E Local Government Partnership Contract (Jennifer West) (EC only)**
Adopt the attached Resolution authorizing the Executive Director to enter into a 2019 contract agreement with PG&E to continue the administration of the East Bay Energy Watch Strategic Advisory Committee and programmatic coordination and other related actions.

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, December 19, 2018

3:00 P.M.

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

I. CALL TO ORDER

President Dave Sadoff, WMA, called the meeting to order at 3:02 p.m.

II. ROLL CALL OF ATTENDANCE

City of Alameda	Malia Vella, WMA, EC
City of Albany	Peter Maass, WMA, EC
City of Berkeley	Susan Wengraf, WMA, EC
Castro Valley Sanitary District	Dave Sadoff, WMA
City of Dublin	Melissa Hernandez, WMA, EC
City of Emeryville	Dianne Martinez, WMA, EC
City of Fremont	Vinnie Bacon, WMA, EC
City of Hayward	Sara Lamnin, WMA, EC
City of 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

ABSENT:

County of Alameda	Keith Carson, WMA, EC
City of Livermore	Bob Carling, WMA, EC
City of Union City	Emily Duncan, WMA, EC

Staff Participating:

Wendy Sommer, Executive Director
Tom Padia, Deputy Executive Director
Justin Lehrer, Senior Management Analyst
Anu Natarajan, Legislative and Regulatory Affairs Manager
Karen Kho, Principal Program Manager
Richard Taylor, WMA Legal Counsel
Arliss Dunn, Clerk of the Board

Others Participating:

Melissa Immel, Shaw Yoder and Antwih (Agency Lobbyist)
Jason Schmelzer, Shaw Yoder and Antwih (Agency Lobbyist - via teleconference)

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III. ANNOUNCEMENTS BY PRESIDENTS

There were no announcements by the President. Board member Peter Maass (Albany) announced that starting in January, he would become the alternate for the City of Albany and Mayor Rochelle Nason would become the representative to the WMA Board. Wendy Sommer announced other changes to the Board effective in January. Susan Wengraf will serve as the representative for the City of Berkeley. She will replace Kriss Worthington. Board member Lamnin will be reassigned as the alternate for the City of Hayward and Francisco Zermeño will become the representative. Board member Vinnie Bacon will no longer serve as the City of Fremont representative and Jenny Kassan will potentially serve as his replacement. Theresa Kang will possibly serve as the alternate. Emily Duncan will become the City of Union City representative replacing Lorrin Ellis and Jaime Patino will become the alternate.

IV. OPEN PUBLIC DISCUSSION FROM THE FLOOR

There was none.

V. CONSENT CALENDAR

1. Approval of the Draft Joint Minutes of November 14, 2018 (Wendy Sommer)

2. Contract/Vendor Authorization (Pat Cabrera)

The P&A Committee recommends that the WMA Board approve the contracts, vendors and/or spending authority listed in the staff report.

There were no public comments for the Consent Calendar. Board member Young made the motion to approve the Consent Calendar. Board member Rood seconded and the motion carried 14-0-1: (Ayes: Bacon, Cox, Hannon, Kalb, Lamnin, Maass, Martinez, Pentin, Rood, Vella, Sadoff, Young; Nays: None. Abstained: Wengraf. None. Absent: Carling, Carson, Duncan, Hernandez)

VI. REGULAR CALENDAR

1. 2018 Priority Setting (Wendy Sommer & Justin Lehrer)

Adopt the Guiding Principles to be used for programmatic strategy and budgetary planning through 2021 as outlined in the staff report.

Wendy Sommer provided an overview of the staff report and made a PowerPoint presentation. A link to the report and the presentation is available here: [2018-Priority-Setting.pdf](#). Ms. Sommer distributed a handout that included a summary of the notes and survey from the November 14 WMA meeting (attached).

Board member Hannon stated that as we look at pursuing new programs whether mandated by the state or not, in addition to looking at the cost benefit analysis or staff resources, we need to look at existing programs and other deliverables that won't be done based on the new programs. Board member Lamnin added in addition to staff resources and deliverables, we should be looking at program outcomes and measurements, and their effect on the guiding principles. Ms. Sommer stated that she concurs with Board member Lamnin with respect to measurements and mentions that SB 1383 will have requirements in this regard. Board member Kalb stated that he is fine with the language in the guiding principle regarding mandatory ordinances but the explanation did not really address mandatory ordinances. Ms. Sommer stated that staff is proposing a parallel track that does not require additional

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resources but if we would want to pursue mandatory ordinances, we would do a cost benefit analysis first.

There were no public comments on this item. Board member Kalb made the motion to approve the staff recommendation. Board member Pentin seconded and the motion carried 16-0:

(Ayes: Bacon, Cox, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Pentin, Rood, Sadoff, Vella, Wengraf, Young; Nays: None. Abstained: None. Absent: Carling, Carson, Duncan)

2. 2019 Legislative Priorities (Anu Natarajan)

Discuss and adopt the legislative priority areas for 2019.

Ms. Natarajan introduced Melissa Immel and Jason Schmelzer (attending via teleconference) of Shaw, Yoder, Antwih, the new agency lobbyist. Ms. Immel provided an overview of the firm and their activities in Sacramento. Ms. Natarajan provided a summary of the staff report and presented an overview of the agency's legislative goals for 2019. A link to the report is available here: [2019-Legislative-Priorities.pdf](#).

Ms. Natarajan distributed the topic brief for December (Meal Kits). The topic brief is available here: [Meal-Kits.pdf](#)

Board member Hannon stated that he would like to see StopWaste put forward uniformity of language of products with respect to use by, sell by, best by, etc. as it will eliminate ambiguity for the public. Board member Kalb inquired about domestic recycling infrastructure if there is opportunity with California's size to create a local recycling market. Ms. Natarajan stated that there are ideas floating around, particularly a bond measure for revenue directed towards the purpose of creating recycling markets. Ms. Immel added she met with Scott Smithline, Director of CalRecycle, and he stated that CalRecycle is exploring options in this area as well as the feasibility of building a paper mill and a paper pulping facility. Board member Kalb stated that legislators are starting to put together bill packages and there are two new legislators, and inquired if it would be useful for staff and a couple of Board members to meet and brief the new legislators. Ms. Natarajan stated yes, and staff and the lobbyist have not met with them because they had not staffed up yet. Board member Maass suggested broadening the proposed legislation on meal kits to also include medication packaging that is sent via mail. Board member Cox stated that she is pleased to see the attention towards meal kit packaging but there is still an urgency for education or legislation regarding proper recycling. Board member Martinez stated that she is also pleased with the focus on meal kit delivery package legislation and stated her support for domestic recycling infrastructure. Board member Lamnin stated her support for attention to medication packaging and a recycling infrastructure and suggested that the straw bill should include fast food packaging as well, and to keep a focus on EPR with respect to packaging labeling. Board member Vella stated that she is pleased to see the effort targeting meal kit packaging and is concerned regarding the emergence of styrofoam alternatives as the public is unsure of how to dispose of them. Ms. Vella added Amazon is starting to use reusable packaging and stated that the use of reusable packaging should be standard.

Ms. Sommer asked Ms. Immel and Mr. Schmelzer to comment on the issues discussed among the Board. Ms. Immel stated that the issues discussed among the Board are aligned with other stakeholders as well as the major issues being discussed at the state. Ms. Immel stated that EPR programs generally subsidize recyclers and they help markets as well. She added that meal kit packaging legislation is a

DRAFT

good idea and stated that the feedback from Board was helpful but it will be a big fight. However, packaging reform is an issue that legislators are open to exploring. Mr. Schmelzer added we will receive pushback from the packaging industry but the meal kit legislation is a good idea and it will also depend on how the legislation is crafted.

There were no public comments on this item. Board member Rood made the motion to approve the staff recommendation. Board member Wengraf seconded and the motion carried 16-0:

(Ayes: Bacon, Cox, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Pentin, Rood, Sadoff, Vella, Wengraf, Young; Nays: None. Abstained: None. Absent: Carling, Carson, Duncan)

3. 2019 Meeting Schedule (Arliss Dunn)

Staff recommends that the Authority Board and the Energy Council adopt the 2019 Meeting Schedule.

There were no public comments on this item. Board member Hannon made the motion to approve the staff recommendation. Board member Rood seconded and the motion carried 16-0:

(Ayes: Bacon, Cox, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Pentin, Rood, Sadoff, Vella, Wengraf, Young; Nays: None. Abstained: None. Absent: Carling, Carson, Duncan)

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, January 10, 2019 at 4:00 p.m., StopWaste Offices, 1537 Webster Street, Oakland, CA, 94612)

There were no requests for an interim appointment. Board member Lamnin stated that she is currently serving as a WMA appointee on the Recycling Board and due to her reassignment as the alternate she is strongly recommending that the WMA Board appoint the new Hayward representative, Francisco Zermeño, as her replacement on the Recycling Board. Ms. Sommer stated that staff will place the nomination and request for appointment on the January WMA agenda.

Sara Lamnin, EC 2nd Vice President, chaired the Energy Council item.

5. 2019 BayREN Contract (Karen Kho) (EC only) (Lamnin chaired)

Adopt the attached Resolution authorizing the Executive Director to enter into a 2019 contract with ABAG for Bay Area Regional Energy Network (BayREN) services and other related actions.

Karen Kho provided an overview of the staff report. A link to the report is available here:

[2019-BayREN-Contract.pdf](#). Board member Lamnin asked that staff use an outcomes-based lens when prioritizing programs.

There were no public comments on this item. Board member Cox made the motion to approve the staff recommendation. Board member Maass seconded and the motion carried 16-0

(Ayes: Bacon, Cox, Hannon, Hernandez, Kalb, Lamnin, Maass, Martinez, Pentin, Rood, Vella, Wengraf. Nays: None. Abstained: None. Absent: Carling, Carson, Duncan)

6. MEMBER COMMENTS AND COMMUNICATIONS FROM THE EXECUTIVE DIRECTOR

Board member Cox announced that she had attended a legislative event at the Alameda County Food Bank. Board member Cox stated that she learned from Alex Boscovich, Government Relations Officer at

DRAFT

Alameda County Community Food Bank, that they operate the largest food recovery system. Board member Cox stated that she was pleased to learn that they not only obtain new food but they also are an avenue for diverting recovered food. Board member Young commented about a very disheartening program on 60 minutes about plastics and recycling. Board member Young inquired about comments she saw on Nextdoor regarding the increase in PG&E bills and EBCE (East Bay Community Energy). Board member Rood stated that EBCE has three products and the default product is less expensive than PG&E. Customers can opt out of the 100% carbon fee product that cost the same as PG&E or pay \$0.01 per kilowatt hour for the 100% renewable product. Most of the jurisdictions in the county have opted for the default product, which is 4% below PG&E's rates. Board member Rood added customers received a rebate in the most recent bill, which may have caused some confusion. Board member Bacon added EBCE staff stated that they needed to improve in their outreach to inform customers.

Ms. Sommer announced that the agency received an award from State Fund Insurance. Ms. Sommer recognized Nathan Greene, who announced that State Fund recently concluded a review of our safety policies and practices and found that the agency had nine years of work without lost time for accidents. Ms. Sommer announced that the agency was in escrow for the conservation easement agreement. The process should conclude around December 21 and the agency should receive \$1.8 million for the easement. This is an increase of \$300,000 that was initially negotiated.

President Sadoff read a proclamation from the Board for Tom Padia on his retirement from the agency. Mr. Padia thanked the Board for their support and acknowledged their commitment and impacts over the years. Mr. Padia acknowledged staff for their support and collaborative teamwork.

7. ADJOURNMENT

The meeting was adjourned at 4:02 p.m.

StopWaste Board Priority Setting - Survey

Current run (last updated Nov 26, 2018 11:23am)

3

Polls

17

Participants

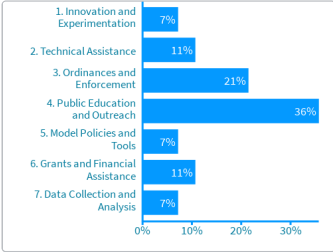
28

Average responses

94%

Average engagement

What is the most essential service StopWaste provides?



Response options	Count	Percentage
1. Innovation and Experimentation	2	7%
2. Technical Assistance	3	11%
3. Ordinances and Enforcement	6	21%
4. Public Education and Outreach	10	36%
5. Model Policies and Tools	2	7%
6. Grants and Financial Assistance	3	11%
7. Data Collection and Analysis	2	7%

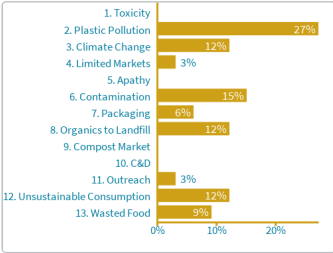
88%

Engagement

28

Responses

What are the most important issues?



Response options	Count	Percentage
1. Toxicity	0	0%
2. Plastic Pollution	9	27%
3. Climate Change	4	12%
4. Limited Markets	1	3%
5. Apathy	0	0%
6. Contamination	5	15%
7. Packaging	2	6%
8. Organics to Landfill	4	12%
9. Compost Market	0	0%
10. C&D	0	0%
11. Outreach	1	3%
12. Unsustainable Consumption	4	12%
13. Wasted Food	3	9%

100%

Engagement

33

Responses

In ONE word, what is the most important trend impacting StopWaste?



Responses
Foodwaste
Contamination
Plastics
Packaging
China
Cost
Sacramento
Plastics
Carbon
Packaging
Plastics
Climate
AB1383
Plastic
Chinasword
Plastic
Contamination
Disposables
China
Plastic
Apathy
4

94%

Engagement

22

Responses

OVERVIEW

The following is a summary of the Board's discussion regarding StopWaste's Guiding **Principles** and **Priority Setting**. Images of the wallgraphics notes are on the last page.

REFINEMENT OF SUSTAINABILITY LINKED TO WASTE PRINCIPLE:

From: "Pursue projects with multiple sustainability benefits (greenhouse gas reduction, water conservation), only when linked with materials and waste management."

*To: "Pursue **waste reduction** projects only when clearly linked with **climate benefits** (greenhouse gas / carbon reduction)"*

- Rules for SB 1383 are evolving and will go into effect in 2022
- How does StopWaste influence climate change?
 - Aren't most of the emissions from transportation and building?
 - Supply chain analysis indicates that food and goods equals 40% of emissions – and so directly inline
 - *Reimagined principle*
 - *Connect to Jurisdictions Climate action plans*
 - *Consumption/materials use*
 - *Methane impacts? 85% more damaging than carbon*
 - Can we add "prevention" to Principle so it would read:
"Pursue **waste reduction and prevention** projects only when clearly linked with **climate benefits** (greenhouse gas / carbon reduction)"
- Otherwise the refined principle works.

DISCUSSION RELATED TO NO ADDITIONAL MANDATORY REGULATIONS:

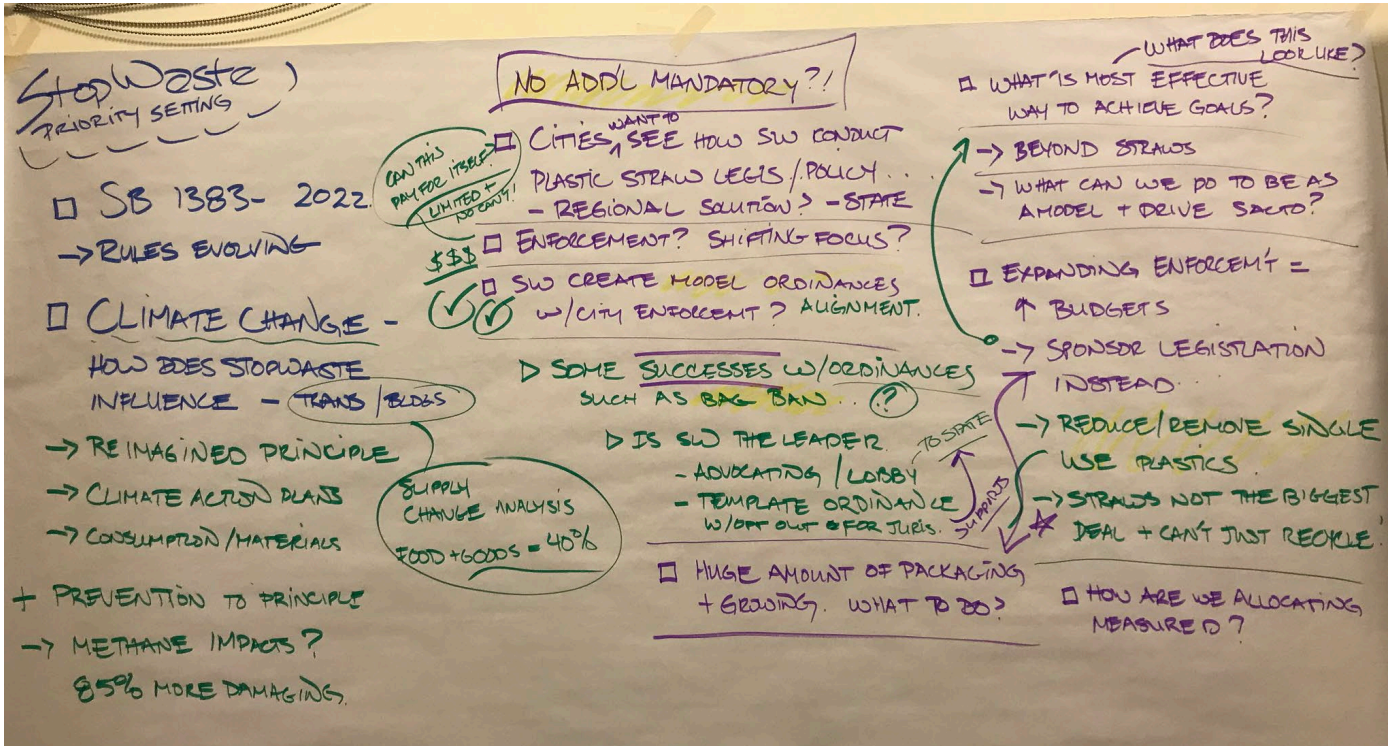
- Cities want to see how StopWaste will conduct plastic straw legislation/policy.
 - Is there a regional solution? Or Statewide solution?
 - How is enforcement handled? Is there a shifting focus?
 - It is expensive.
 - Can this pay for itself? *It is limited and cannot pay for self.*
- **There is a huge amount of packaging and it is growing. What can be done?**
 - *Sponsor legislation*
- We may need more flexibility on principle?!
- StopWaste can create **model ordinances** with City enforcement? Create **Alignment**.
 - There was some **success** with ordinances such as **Bag Ban**...?
 - Is StopWaste the leader?
 - Advocating/Lobby to the State.
 - Could develop a template ordinance with opportunity to opt out for jurisdictions (supports State)
- What is the most effective way to achieve goals?
 - Go beyond straws (*sponsor legislation*)
 - What can we do to be a model and drive Sacramento?

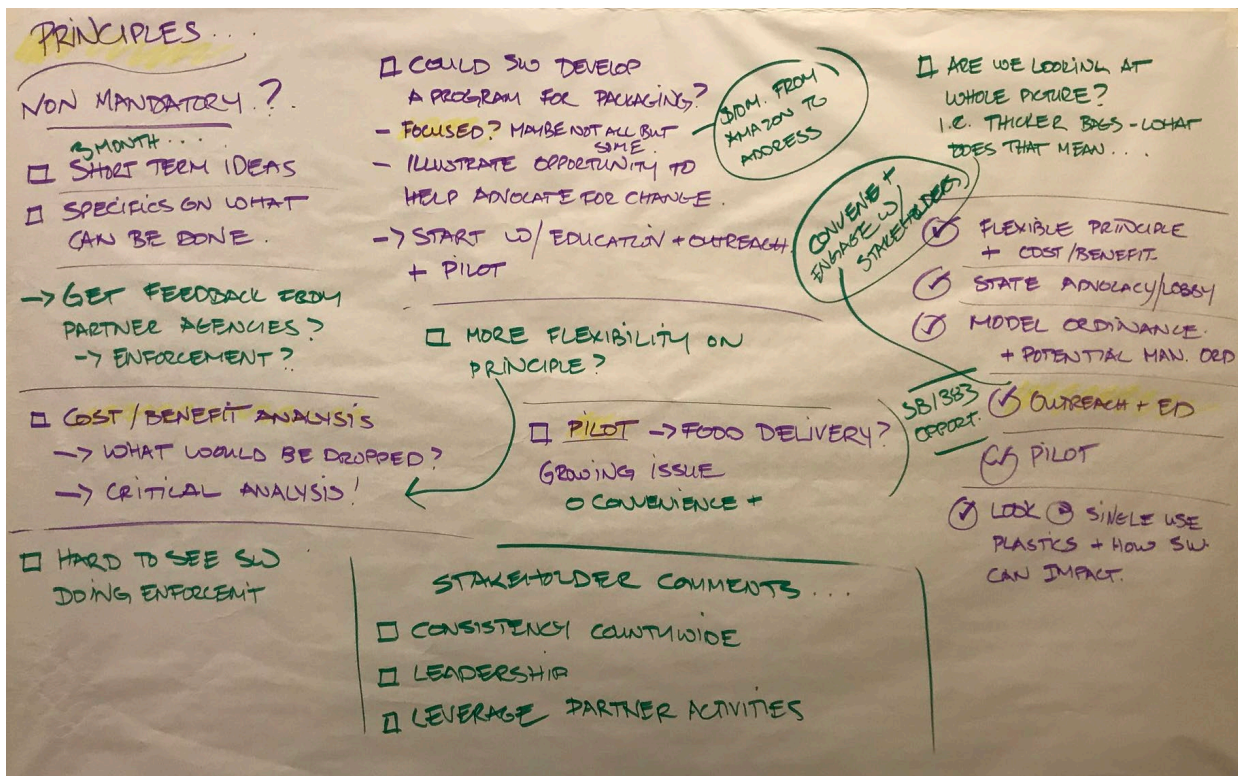
- Expanding enforcement means increasing budgets.
 - *Sponsor legislation instead.*
 - *Reduce/remove single-use plastics*
 - Straws are not the biggest deal. They cannot just be recycled
- Are we looking at the whole picture?
 - i.e. Utilizing thicker plastic bags: what does that mean from a sustainable perspective?
 - Need to make sure not to have unintended consequences.
- How are we allocating Measure D?
- **Can Staff develop some short-term ideas are within a 3-month timeframe**
 - Provide specifics on what can be done.
 - Is feedback from partner agency's needed?
 - Who does enforcement? Can cities do this rather than StopWaste?
 - It is hard to see StopWaste doing the enforcement
- **Cost benefit analysis is needed.**
 - What would be dropped?
 - A critical analysis needs to be done
- Could StopWaste develop a program for packaging?
 - **Focused?** maybe not all plastics but some specific types or audiences
 - *Amazon is providing \$10 million funding to address packaging*
 - This could illustrate the opportunity to help advocate for change.
 - Start the program with education and outreach.
 - Create a pilot program.
- Pilot Program: food delivery as an idea? (Connect to SB 1383)
 - It is a growing issue as the market pushes for convenience.

SUMMARY POINTS:

- Create a flexible principle that incorporates the concept of cost/benefit analysis for new regulations
- Consider how state advocacy and lobbying can address the issue of plastics
- Consider the development of a model ordinance that can be used by cities; and potentially a mandatory county ordinance with the ability to opt out
 - Convene and engage stakeholders and provide outreach and education
 - Consider a pilot
- Address single use plastics and how StopWaste can impact.

*Also, to note are the stakeholder comments of the need for **consistency countywide, leadership, and the leveraging of partner activities.***





DATE: January 23, 2019

TO: Waste Management Authority Board

FROM: Wendy Sommer, Executive Director

BY: Arliss Dunn, Clerk of the Board

SUBJECT: Records Retention Schedule

SUMMARY

A records retention schedule outlines the minimum time a record must be retained and a method of purging information on a scheduled basis when no longer useful or relevant. The attached schedule was developed after reviewing state guidelines for local agencies, and was also reviewed by Legal Counsel. Once a year, if needed, a list of documents to be purged will be provided to the Board for authorization.

COMMITTEE ACTION

By a vote of 8-0 (Bacon, Hernandez, Rood, and Wengraf absent), the P&A Committee reviewed and recommended forwarding for approval the updated records retention policy with the following modification: change the retention period for CEQA documents and Strategic Planning records to permanent (P).

The attached retention schedule provides that all CEQA Negative Declarations, Mitigated Negative Declarations, and Environmental Impact Reports will be retained permanently. It also provides that all Strategic Plans will be retained permanently.

The staff report submitted to the P&A Committee is available at the following link:
[Records-Retention-Schedule.pdf](#)

RECOMMENDATION

That the WMA Board adopt the following as recommended by the P&A Committee:

1. Adopt the attached resolution and records retention schedule effective immediately.
2. Authorize the Executive Director to make administrative changes that are minor in nature and/or are consistent with applicable, state, local or federal laws or guidelines.

ALAMEDA COUNTY WASTE MANAGEMENT AUTHORITY

RESOLUTION # 2019- 01

**MOVED:
SECONDED:**

AT THE MEETING HELD JANUARY 23, 2019 ADOPTING A RECORDS RETENTION SCHEDULE

WHEREAS, Authority operations require a method of maintaining information in a systematic and accessible fashion, and

WHEREAS, the Authority also requires a method of purging information on a scheduled basis when no longer useful or relevant consistent with sound records management practices; and

WHEREAS, the State of California has adopted guidelines for retention periods for various government records; and

WHEREAS, staff has developed a records retention schedule which has been reviewed by Legal Counsel and approved by the Programs and Administration Committee at its meeting on January 10, 2019 and is now before the Authority Board for adoption; and

WHEREAS, this resolution supersedes any previous records retention policy or practice;

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

1. Adopts the attached records retention schedule effective immediately.
2. Authorizes the Executive Director to make administrative changes that are minor in nature and/or are consistent with applicable state, local or federal laws or guidelines.

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAIN:

Wendy Sommer, Executive Director

Records Retention Schedule
Alameda County Waste Management Authority/Recycling Board/Energy Council

The center column in the table below lists the retention period for various categories of records. For records not to be retained permanently (designated with a "P"), the retention period is a designated number of years following a specific event. The referenced events are:

AU = Year of Audit

CL = Year the Matter (contract, lease, etc.) is Closed

CU = Year Record is Created

SU = Year the Record is Superseded by a New Record

T = Year an Employee Leaves the Agency

All records not described below must be maintained for at least two years from the date created.

Administration		
<i>GENERAL ADMINISTRATION</i>		
General Correspondence	CU+2	Records of a general nature including copies of memos, letters, chronological files, archived calendars, delivery receipts, etc. that pertain to the general administrative activities and duties of the department.
Policies and Procedures	SU+5	All Agency policies and procedures, including appropriate policy manuals, organizational charts, forms, and handbooks. Records documenting the implementation of management and administrative policies and directions for various Agency functions.
Complaints	CU+2	Records related to complaints filed by the public regarding the Agency's operations, activities, or policies.
Delegation of Authority - Signature Authorization Forms	P	Records authorizing specified employees to sign for and approve certain activities or documents during the

		absence of the individual normally authorized to do so.
Internal Administrative Meetings	CU+2	Meeting minutes and other records associated with staff meetings.
<i>PUBLIC INFORMATION/RELATIONS</i>		
General	CU+2	Records related to providing information to the public and to staff about Agency activities. Includes brochures/publications/maps, press releases, surveys/questionnaires, newsletters, County/member agency profiles, newspaper/periodical clippings, public service announcements. Includes presentations to public groups by Board and staff.
Public Records Act Requests	CL+2	Records reflecting Public Record Act requests and material sent in response to same.
<i>RISK MANAGEMENT/INSURANCE</i>		
Worker's Compensation Insurance	P	Workers Compensation insurance policies and records relating to claims. Likely to contain confidential information. (See Gov't Code 6410; 8 CCR 15400.2(a); Labor Code 110-139.6.)
Claim Files	CL+5	Records regarding claims of wrongdoing by the Agency or its employees. Records include lost analysis reports, photographs taken by Agency employees or members of the public, and other materials documenting claims, accidents, or incidents involving Agency property or employees. Likely to contain confidential information. (See Gov't Code 25105.5.)
Safety Plans	CU+5	Evacuation drills, safety inspection reports, injury illness prevention program

		records, and safety training.
Errors and Omissions/Liability Insurance	P	Includes insurance policies, declarations, exclusions.
Certificates of Insurance	P	Insurance certificates issued by the Agency's insurer as well as certificates naming the Agency as additionally insured (e.g., by Agency contractors or for events taking place on Agency property).
<i>ADMINISTRATIVE SERVICES</i>		
Information Systems	CU+2	
Reproduction/Printing	CU+2	
Mailing/Postal Services	CU+2	
Telecommunication Services	CU+2	
Building Maintenance	CU+2	
<i>INFORMATION TECHNOLOGY</i>		
Electronic Mail	CU+2	E-mail shall be maintained for two years; however, this does not override any specific retention requirements of individual records series. E-mails that constitute records must be preserved according to their retention periods elsewhere in this schedule.
Computer System Administration	SU+5	Records regarding activities to maintain and ensure continued operation of computer systems and applications. Checklists and special requests regarding new users, new system set up, and termination.
Network Configuration	SU+5	Network information systems (LAN/WAN) configuration maps and plans. Records relating to the infrastructure and set-up of servers.
Security Clearance Records	SU+5	Records related to authorizing employees or contractors to have access to the Agency computer system, system module or the data stored in a computer system or system module. Generally tracks permissions by position or employee classifications.

		Likely to contain confidential information.
Software Application Files	SU+2	Records related to software applications owned by the Agency. Includes software registrations and records related to the maintenance of software applications. Licenses, authorization codes and certificates for support services.
Financial		
ACCOUNTING		
Policies and Procedures	SU+2	
Accounts Payable	AU+6	Records relating to payment of financial obligations (money owed by the Agency). Includes vendor and contractor invoices, bills, statements and any non-discharged debt. Also includes delivery receipts and employee travel reimbursements, petty cash requests for reimbursement, check requests, and expense reports. Records listing individual checks issued, and the date, payee, amount and purpose of each expense.
Sales Tax Reports	AU+6	
Measure D Disbursements	AU+6	
Waste Management Authority Disbursements	AU+6	
Worker's Compensation Payroll Reports	AU+6	
Journal Entries	AU+6	Summary of all financial accounts. Records relating to postings to the General Ledger.
Fixed Assets	AU+6	Records relating to the acquisition, depreciation, accrual, and disposal of fixed assets.
Annual Audits - Authority	P	Audits of the Authority, Recycling Board, and Energy Council
BANKING		

Policies and Procedures	SU+2	
Investment Policy	SU+2	
Authorized Signatures	SU+5	Records authorizing specified employees to sign checks and other banking documents.
Bank Records	CU+6	Records related to bank transactions including deposit of funds, bank statements, bank reconciliations, disbursements, cancelled checks, and wire fund transfers.
BUDGET		
Adopted Annual Operating Budget and Adjustments for: - Authority - Recycling Board - Energy Council	P	Annual operating and capital budget documents relating to internal planning and financial management. Includes budget vs. cost reports, summaries, schedules, goals and objectives and milestones and records of alterations to the budget due to changes in revenue or expenditures.
Financial Reports	CU+10	
FIXED ASSETS		
Equipment/Inventory List	SU+2	
Surplus Equipment – Disposal List	SU+2	
PAYROLL		
Employee Information	T+2	
Policies and Procedures	SU+2	
Payroll Reports	CU+10	
Quarterly Reports	CU+10	
W-2s & 1099s	P	
Deferred Compensation Reports	P	
Retirement Reports	P	
Payroll register	P	
PURCHASING		
Procurement Bids, RFQ	AU+6	Bids, proposals, and records of request for qualifications and requests for proposals regarding goods and services.
Purchase Orders	AU+6	Original copies of Purchase

		Orders issued by the Agency to sellers or service providers, detailing products or services ordered, terms of sale, and payment agreement.
Vendor List	CU+5	
Vendor Tax Records	AU+6	Forms 1099, and W-9s filed for reporting payments to vendors. Records relating to withholding orders on payments to instructors or vendors from federal, state, or other agencies. Likely to contain confidential information. (See 29 USC 436; IRS Reg 31.6001-1(e)(2); R&T 19530; 29 CFR 516.5-516.6.)
Credit Cards	SU+2	
<i>REVENUE</i>		
Accounts Receivable	AU+6	Records related to accounting for money owed to the Agency, where the Agency sends out billing invoices.
Fees/Receipts	AU+6	Records related to payment received by the Agency. Includes, cash, check, and credit card payments.
Benchmark	AU+6	
Facility Fee	AU+6	
Grazing	AU+6	
Household Hazardous Waste	AU+6	
Import Mitigation	AU+6	
Measure D	AU+6	
Wind Power	AU+6	
Rentals	AU+6	
Summary Tonnage Reports	AU+6	
State Mandated Cost Reimbursements	AU+6	
<i>GRANTS GIVEN AND RECEIVED</i>		
General Information	CU+2	

Policies and Procedures	SU+2	
Funding Agreements	CL+5	Grant information and documentation, including financial data, for all grants applied for by the Agency. (Certain grants may have individual requirements. Refer to grant's close-out procedures.)
Legal/Legislative		
<i>WASTE MANAGEMENT AUTHORITY</i>		
Policies and Procedures	SU+2	
Appointments/Resignations	P	
Roster of Members	SU+2	
Rules of Procedure	SU+10	
Agenda Packets/Meeting Notices	CU+10	Original agendas and special meeting notices, including certificates of posting, original summaries, original communications and action agendas for Agency Council. Agenda packets, including staff reports and attachments. Material provided to Agency Council from members of the public, relating to agenda or non-agenda items, for consideration at any noticed meeting of the Agency Council.
Legal Advertising	CU+10	Records related to legal advertising required for public hearings. Includes proof of publication notices. (See CCP 343, 349 et seq. and Gov't Code 911.2.)
Minutes	P	
Meeting Recordings	CU+2	
Resolutions	P	
Ordinances	P	
JPA's	P	The joint powers agreements

		creating the Waste Management Authority and Energy Council together with all amendments thereto, records of member agency approvals, and signatures.
FPPC Compliance	CU+7	Includes Board members Statements of Economic Interest (Form 700s) and related documents.
<i>RECYCLING BOARD/LOCAL TASK FORCE</i> (Same retention periods as set forth for the Waste Management Authority above.)		
<i>ENERGY COUNCIL</i> (Same retention periods as set forth for the Waste Management Authority above.)		
<i>WMA COMMITTEES</i> (Same retention periods as set forth for the Waste Management Authority above.)		
<i>LEGAL OPERATIONS</i>		
Legal Opinions – Authority	P	
Legal Opinions – Recycling Board	P	
Legal Opinions – Energy Council	P	
Litigation Files	CL+8	
<i>ORDINANCE COMPLIANCE</i>		
Policies and Procedures	SU+2	
Educational Materials	SU+2	
General Correspondence	CU+2	
Investigation Reports	CL+4	
Notices of Violation and Citations	CL+4	
Administrative Hearings	CL+4	Includes hearing request, decision, notes, evidence and tapes.
<i>LEGISLATION</i>		
General Information	CU+2	
Lobbyist Reporting Forms	CU+4	Forms filed with the State regarding Agency's lobbyist consultants.
<i>CONTRACTS</i>		
General Contracts, Leases, MOUs	CL+10	Does not include capital improvement projects. Includes MOUs, leases, equipment, services or supplies. Official contract filed with the Agency Clerk.
Capital Improvement Contracts	P	Capital improvement projects. Includes specifications and

		plans, certificates of insurance, insurance bonds, and scopes of work. Official contract filed with the Agency Clerk.
Notices/Mailing Lists	CU+2	
Proposals/Evaluation Summary	CU+5	
REAL PROPERTY		
Deeds of Trust	P	
Leases (Real Property)	CL+5	
Easements	P	
Personnel		
PERSONNEL ADMINISTRATION		
Policies and Procedures	SU+3	Includes employee handbook and all other documents concerning employment policies.
Job Descriptions	SU+3	
Classifications and Salaries	CU+4	Includes classification salary range tables, classification studies and surveys. See GC 12946; 29 CFR 516.6(a)(2); 29 CFR 1602.14.)
Surveys/Studies	CU+4	
Training	CU+5	Written records of which employees received training and the dates of all training sessions. For sexual harassment training, the name of the training provider. (See GC 12950.1); 2 CCR 7288.0; GC 6250 et seq.)
Volunteers	T+2	Records of the activities and administration of the Agency's volunteer program, including all records maintained on volunteers.
EMPLOYEE BENEFITS		
Brochures and related information	CU+2	Includes materials describing employee benefits. Includes Deferred Compensation, Health/Dental/Vision Benefits, Retirement, 125 Plan/FSA.
COBRA	T+10	May include enrollment

		application, release authorizations, copies of proof of premium payment, if applicable. Likely to contain confidential information. (See 29 CFR 1602.30-32, 1627.3; 29 USC 1027.)
Medical Leaves of Absence	CL+30	Records filed as part of a request for leave of absence. May include application and applicable medical records. Likely to contain confidential information. (See FMLA 1993 US OSHA; 29 CFR 1910.20; 29 CFR1602.30.32; 49 CFR 192-9.)
Retirement Plans	P	PERS and beneficiary documents. Likely to contain confidential information. (See GC 12946, 34090, 29 CFR 1627.3(2).)
CalOSHA	CU+5	Forms 300-A Annual Summary and 301 (workers compensation injury reports) filed with Cal OSHA. (See 8 CCR 14300.33.)
Workers Compensation	P	Workers Compensation records relating to employee industrial claims history. Insurance administered through ABAG. Likely to contain confidential information. (See GC 6410; 8 CCR 15400.2(a); LC 110-139.6.)
Unemployment Insurance Claim Records	T+6	All documented claims submitted by former employees for unemployment compensation. Records may include: claim records, notices, reports, records generated by the appeal of claim determinations. Likely to contain confidential information. (See GC 12946, 34090; 29 USC 1027, 1113; 29 CFR 1602 et seq., 516.2.)
RECRUITMENT		

Employment Applications	CU+2	May include applications and resumes for those considered and/or selected for the position, eligibility list, examination material and answer sheets, job announcements, written correspondence with candidates such as rejection letters or invitations to the next phase of the process. Likely to contain confidential information. (See GC 12946; GC 6250 et seq.; 29 CFR 1602 et seq.; 29 CFR 1607; 29 CFR 1627.3.)
EMPLOYEE RECORDS (Locked)		
Individual Personnel Files	T+5	Official records of personnel history for all active Agency employees of regular status (full-time and part-time) or temporary status (non-benefited full-time and part-time). Includes all job actions such as new hire paperwork, certifications, performance appraisals, personnel action changes - recorded on personal action forms (PAF), warning and discipline letters, grievances, commendations, emergency contact information, and records of leave taken under family leave laws. Separated employees' personnel files are kept as a personnel history record. Not a public record. Likely to contain confidential information. (See GC 34090; 29 CFR 1602.30-32, 1627.3.)
Health, Dental, Vision, enrollment	CU+2	
Life/Disability Insurance enrollment	CU+2	
I -9	Form I-9 must be kept three years after the date of hire or for one year	I-9 Form; proof of eligibility to work in the United States of America. Likely to contain confidential information. (See 8 CFR 274a.2(b)(2)(i);

	after employment is terminated, whichever is later	Immigration Reform/Control Act 1986 Pub. L 99-603 (8 USC 1324a).)
RETIREMENT CONTRACTS (locked)		
Public Employees Retirement System	P	
Deferred Compensation	P	
Planning		
STATE INTEGRATED WASTE MANAGEMENT PLAN		
Regulations	SU+2	
Countywide Element	P	
Source Reduction and Recycling Elements (Member Agencies)	SU+2	
Household Hazardous Waste Elements (Member Agencies)	SU+2	
Non-Disposal Facility Elements (Member Agencies)	SU+2	
GENERAL PLANNING		
Countywide Integrated Waste Management Plan and Amendments	P	
Final CEQA Documents	P	Negative Declarations, Mitigated Negative Declarations, and Environmental Impact Reports (EIRs)
Other CEQA Documents	CU+10	
STRATEGIC PLAN		
Adopted Strategic Plan	P	
Strategic Planning Documents	CU+10	
JOINT PLANNING DOCUMENT		
Recycling Plan	SU+5	

DATE: January 23, 2019

TO: Waste Management Authority Board

FROM: Wendy Sommer, Executive Director

SUBJECT: Appointment to the Recycling Board

BACKGROUND

At the December WMA meeting, Board member Sara Lamnin announced that she was being reassigned as the alternate for the City of Hayward. Councilmember Francisco Zermeño will now become the representative for the City of Hayward.

DISCUSSION

Ms. Lamnin is one of five appointments to the Recycling Board made by the WMA Board. Currently, WMA members Cox, Martinez, Oddie and Sadoff occupy the other four positions. Her reassignment created a vacancy on the Recycling Board.

Any WMA member (but not an alternate) may serve on the Recycling Board so long as they have not served previously. Prior to her reassignment, Ms. Lamnin requested that Board member Zermeño replace her as the WMA appointee.

Other current WMA members eligible to serve are: Vinnie Bacon (or his replacement), Bob Carling, Keith Carson, Emily Duncan, Mike Hannon, Melissa Hernandez, Dan Kalb, Rochelle Nason, and Susan Wengraf.

The Recycling Board meets the second Thursday of each month at 4 p.m. or 7 p.m. Meetings are held either at StopWaste's offices or at different locations in each of the five supervisorial districts. Schedule and location of meetings are distributed at the beginning of each calendar year.

Recycling Board members must attend at least three fourths of the regular meetings within a calendar year and must not miss two consecutive meetings. The term is for two years, with the opportunity to serve a consecutive two-year second term.

RECOMMENDATION

That the WMA Board fill the vacancy on the Recycling Board.

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DATE: January 23, 2019
TO: Energy Council
FROM: Wendy Sommer, Executive Director
SUBJECT: Election of Second Vice President

BACKGROUND

Board member Sara Lamnin served as Second Vice President to the Energy Council. Due to her reassignment as an alternate, this seat is now vacant. The Energy Council needs to elect a new Second Vice President. The term is through the end of FY 2018-19 (June 30, 2019).

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

Elect a new Second Vice President.

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DATE: January 23, 2019

TO: Energy Council

FROM: Wendy Sommer, Executive Director

BY: Jennifer West, Program Manager

SUBJECT: 2019 PG&E Local Government Partnership Contract

SUMMARY

The Energy Council has an open contract with PG&E for Local Government Partnership activities, which was renewed in 2018 to be valid through December 31, 2019. In 2018, these activities included administering the East Bay Energy Watch Strategic Advisory Committee (EBEW SAC). Staff is recommending that the existing agreement with PG&E be amended by \$515,000 for continued administration of the East Bay Energy Watch Strategic Advisory Committee and programmatic coordination in 2019.

DISCUSSION

East Bay Energy Watch is a collaboration between PG&E and local governments, non-profit and for-profit energy service providers dedicated to providing energy efficiency solutions for residents and businesses throughout Alameda and Contra Costa Counties. The EBEW SAC is comprised of staff from jurisdictions in Alameda and Contra Costa Counties and, in partnership with PG&E, has decision-making authority over the activities and budget of the EBEW programs. The Energy Council Technical Advisory Group (TAG) has provided ongoing input on their priorities for Local Government Partnership activities and coordination with the East Bay Energy Watch (EBEW).

On September 20, 2018, the EBEW SAC approved 2019 activities and an associated budget. The Energy Council will continue its administrative role with responsibilities for technical oversight of Strategic Energy Resource programmatic activities. The Energy Council will contract with consultants and non-profits for program implementation and administer stipends to leaders of EBEW from local governments. The scope of work for these tasks is described in more detail in Attachment A.

Starting with the 2019 budget, EBEW's work will focus more (and eventually exclusively) on Public Sector energy savings, and there is a shrinking budget for pilot programs. In 2019, most of EBEW's funding continues to support Fellows placed in jurisdictions to increase capacity for sustainability programs. There will be limited support for municipal GHG inventories, building on the community-based GHG inventories completed in 2018. During 2019 EBEW will work more on supporting energy efficiency projects within municipal buildings, and less on supporting small and medium business outreach or residential energy efficiency programs.

The Energy Council TAG supports this scope of work because it facilitates strategic planning and improved coordination of energy efficiency activities throughout the county. Staff will participate in SAC meetings and work to integrate program offerings for 2018 and beyond. Immediate program coordination opportunities exist in the municipal, commercial, and school sectors.

RECOMMENDATION

Adopt the attached Resolution authorizing the Executive Director to enter into a 2019 contract agreement with PG&E to continue the administration of the East Bay Energy Watch Strategic Advisory Committee and programmatic coordination and other related actions.

Attachment A: Summary of 2019 PG&E Local Government Partnership Scope of Work

**ENERGY COUNCIL
RESOLUTION #EC 2019 –**

**MOVED:
SECONDED:**

AT THE MEETING HELD JANUARY 23, 2019

**RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO AMEND PG&E LOCAL GOVERNMENT
PARTNERSHIP CONTRACT AND OTHER RELATED ACTIONS**

WHEREAS, the Energy Council recognizes that it is in the interest of the local, regional, state, and federal agencies to stimulate the economy; create and retain jobs; reduce fossil fuel emissions; and reduce total energy usage and improve energy efficiency; and

WHEREAS, the Energy Council has embarked on an ongoing, coordinated effort to reduce the emissions that cause global warming, improve air quality, reduce waste, cut energy use and save money; and

WHEREAS, the Energy Council has entered into a Local Government Partnership with PG&E and has provided support to the East Bay Energy Watch (EBEW); and

WHEREAS, Alameda and Contra Costa County jurisdictions elected the Energy Council as the Independent Administrator of the EBEW Strategic Advisory Committee; and

WHEREAS, on September 20, 2018 Alameda and Contra Costa County jurisdictions approved the 2019 EBEW budget and programs; and

WHEREAS, the Energy Council will be awarded \$515,000 for administrative and program coordination activities as described in further detail in Attachment A;

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

1. Enter into all necessary contracts and agreements with PG&E in order to amend the current Local Government Partnership contract and add \$515,000 to that contract
2. Make any necessary changes to the FY 2018-19 budget for Project 1348: PG&E Energy Programs
3. Approve any required time extensions, modifications, or amendments thereto
4. Allocate the necessary resources to implement and carry out the amended scope of work

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSENT:

ABSTAINED:

Wendy Sommer
Executive Director

2019 PG&E Local Government Partnership Scope of Work

East Bay Energy Watch Strategic Advisory Committee (SAC) Administration

Independent EBEW Administrator core responsibilities include (but are not limited to) the items listed below:

- Convening the SAC and sub-committees
- Designing and facilitating SAC Strategic Planning activities
- Tracking and providing updates on CPUC and CEC regulatory activities
- Administering pass-through stipends to SAC leadership positions in local governments
- Administering and managing Strategic Energy Resource (SER) pilot projects and programs
- Coordinating EBEW programmatic activity with Energy Council, BayREN, East Bay Community Energy (EBCE) and ACWMA programs
- Supporting outreach and maintaining EBEW website content
- Ensuring equitable resource distribution and decision-making between Alameda and Contra Costa Counties

Strategic Energy Resource Programs

Strategic Energy Resource (SER) programs are approved by the Strategic Advisory Committee, including:

- Civic Spark and Climate Corps Fellows program
- Energy efficiency innovation concepts in Public Sector (municipal, special district and K-12 buildings), such as:
 - Climate Action Plan Data Inventory Project for municipal emissions

The total 2019 contract budget is \$515,000

- \$110,000 will support Energy Council staff time and materials
- \$405,000 will be passed through as sub-contracts and stipends

February 2019 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	14 9:00 AM Programs & Administration Committee Key Items: 1. Fiscal forecast 2. TBD <hr/> 7:00 PM Planning Committee and Recycling Board (San Leandro Senior Ctr.) Key Items: 1. Fiscal forecast 2. Municipal Panel	15	16
17	18 AGENCY HOLIDAY	19	20	21	22	23
24	25	26	27 3:00 PM Waste Management Authority and Energy Council Key Item: TBD	28		

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MEETING NOTES

Energy Council TECHNICAL ADVISORY GROUP (TAG) & WMA Technical Advisory Committee (TAC) Joint Meeting

Tuesday January 15, 2018 – 1:00 pm to 3:00 pm

Attendance:

County of Alameda: Karen Cook, Stacey Lee, Kathryn Cunningham, Sophie McGuinness, Micaela Unda (Fellow)
City of Alameda: Maria DiMeglio, Patrick Pelegri-O'Day, Kerry Parker, Marisa Johnson (Fellow),
City of Albany: Claire Griffing, Elizabeth Carrade (Fellow)
City of Berkeley: Billi Romain, Shayla Elliott, Heidi Obermeit
City of Dublin: Shannan Young, Anna Fessler-Hoffman (Fellow)
City of Emeryville: Nancy Humphrey, Marcy Greenhut, Edgar Barraza (Fellow)
City of Fremont: Rachel DiFranco, Ken Pianin, Jake Silver (Fellow)
City of Hayward: Nicole Grucky, Jeff Krump, Brandon Hutchens (Fellow)
City of Oakland: Shayna Hirschfield-Gold, Peter Slote, Wanda Redic, Max Kaffel (Fellow), Danielle Makous (Fellow)
City of Piedmont: Mira Hahn, Brooke Edell (Fellow)
City of Pleasanton: Derek Lee, Zachary Reda (Fellow)
City of San Leandro: Sally Barros, Oceane Ringuette (Fellow)
City of Union City: Avalon Schultz, Roberto Munoz
StopWaste: Jennifer West, Meghan Starkey, Wendy Sommer, Miya Kitahara, Karen Kho, Justin Lehrer, Emily Alvarez
Guests: J.P. Ross, EBCE

AGENDA

Introductions and welcome – Wendy Sommer, Jennifer West, and Meghan Starkey

- Wendy Sommer welcomed TAG and TAC members
 - Agency priorities for 2019 include bringing together both groups with climate change as an over-arching umbrella.
- Introductions

Priorities 2019-2021 across StopWaste agency – Justin Lehrer, Karen Kho

- Karen Kho shared the background, role, and priority-setting process for Energy Council
 - Building efficiency: implementation of residential programs and work with BayREN.
 - Electrification: grant with BAAQMD for Heat Pump Water Heater electrification pilot program; help member agencies with development of reach codes.
 - Grid solutions: support EBCE on next generation grid programs.

- Member agency services (new): TAG and climate action planning support for member agencies; coordinate with EBCE; support climate corps and CivicSpark fellows.
- Zero net carbon (new): beyond energy efficiency and electrification to embodied carbon in materials to help meet the State's ambitious climate goals.
- Justin Lehrer provided background on 2019 WMA and Recycling Board Guiding Principles:
 - Upstream emphasis
 - Countywide outreach
 - Organics emphasis
 - Collect data when necessary
 - Mandatory measures analysis (modified): Stop Waste will only pursue new measures that go through a comprehensive resource analysis or are mandated by the State.
 - Coordinate with member agencies (modified): continue the previous guiding principle to collaborate with member agencies while avoiding duplication, but also will prioritize efforts that leverage and enhance what member agencies can do independently.
 - Sustainability linked to materials management (modified): will prioritize waste reduction and prevention projects that have beneficial climate impacts.
 - Ensure flexibility
 - Experiment via pilots
- Board members were surveyed on 2019 priorities and focus areas.
 - Public education and outreach are considered the most important services StopWaste provides.
 - The most important issue that StopWaste must address was identified as plastic pollution. Climate change was identified as third issue of importance by respondents. It has been a large focus for member agencies.

Climate Action Plans and carbon-smart materials – Regional Coordination and Support (examples)

Jennifer West and Meghan Starkey, StopWaste

- In partnership with East Bay Energy Watch (EBEW), StopWaste and PlaceWorks developed a tool to support community-based greenhouse gas (GHG) inventories for 2017.
- Working group to help with SB 1383 implementation, to reduce emissions of short-lived climate pollutants and establish specified targets for reducing organic waste in landfills.

Albany

- Albany is creating a new Climate Action Plan (CAP) for 2050 with the goal of carbon neutrality, using a new approach, looking beyond energy efficiency and renewables, incorporating materials/resource management through an embodied carbon and circular economy lens.
- Attends both TAG and TAC, sees the successes and challenges, favors increased collaboration.

- TAC has achieved successes on the mandatory recycling ordinance (MRO), plastic bag ban, and extended producer responsibility of pharmaceuticals.

Miya Kitahara, StopWaste

- In 2019, climate change was included in both WMA and Energy Council priority setting.
 - Opportunity for integration and exploration of the **energy-climate-materials** nexus.
 - This presentation only covers GHGs, not yet equity or adaptation.
- Traditional GHG inventory looks at operation emissions only.
 - It looks similar throughout the Bay Area (mostly transportation, then energy from buildings). No need to do inventories in every city, every year (EBEW/PlaceWorks tool).
 - Process is inefficient: methodologies change, inventories need to be redone, proxy data must be used in lieu of actual data, assumptions vary etc.
 - Often shown in a pie chart, implying that the inventory is reflective of a whole or adds up to 100%. However, in reality, it is a mix of direct and indirect emissions and does not represent all GHGs.
- Consumption-based GHG inventory includes both operational and consumption emissions – more comprehensive.
 - Recent CAPs included consumption-based emissions (Emeryville, Oakland, Piedmont).
 - Consumption can be the largest source of emissions, not like the traditional inventory.
- StopWaste and member agencies are exploring how to best present both consumption and operational GHGs.
 - Messaging updates: change graphs from pies to bars so you can add new sectors. Allows for adaptation as new methodologies or ways/things to measure are created (i.e. compost, sequestration, and embodied energy from buildings, food, and goods).
- Why does this matter? All about the baseline.
 - For incremental reductions, the baseline is very important (need to know how much you are reducing from a certain point). For carbon neutral (or climate positive) the idea is to reduce everything to ZERO, so it is important to know what you are aiming for.
- State has goals for net sequestration after 2045 → regenerative communities that have a positive environmental impact instead of just “less bad.”

Jennifer West and Meghan Starkey, StopWaste

- **Energy – Climate:** Energy Council initially focused on energy efficiency and renewable energy/CCAs only, but now look at the decarbonization of the energy system.
 - Electrification has emerged as the third leg of the stool, increasing electricity demand. EBCE’s role is critical as well. Electrification does not reduce GHGs directly, but coupled with a new grid powered by renewable energy, time of use rates, and storage, it is a necessary part of a cleaner and more effective energy system.

- **Materials – Climate:** WMA and Recycling Board began by keeping waste out of landfills through recycling, with a main focus on what gets put in the bin, who picks it up, what happens with it, and what gets disposed (downstream).
 - Supporting City agencies managing materials on the ground (downstream).
 - 30 years of recycling created a 25% decrease in solid waste sent to landfills, but didn't bring us to zero.
 - Recent waste characterization study shows 36% of landfill can be captured by existing programs (recycling and organics).
 - Focus for the agency on **upstream** through waste reduction and reuse. It is environmentally beneficial to not produce the things in the first place.
- Challenges to recycling and composting:
 - Confusion as to where to put it? Example: milk cartons (varies by city and facility).
 - Contamination of waste stream: trash in recyclables, organics in trash, etc.
 - Even if it is technically recyclable, will it actually be recycled? China's cessation of purchasing plastics or different facilities affect what is actually recycled?
- We have established that recycling is good, but that does not always correlate with a reduction in environmental impacts.
- SB 1383 Short-Lived Climate Pollutant Reduction strategy.
 - Big focus on organics (food, green material, wood, manure, biosolids/digestate, paper)
 - Methane gas has 80 times the global warming potential (GWP) of CO₂, though it is a shorter-lived climate pollutant. Landfill organics are 20% of methane emissions in CA.

Miya Kitahara, StopWaste

- **Energy-Materials-Climate** nexus: need to develop an economy in which materials are used in a clean and circular way.
 - Inputs: **low-carbon** energy (renewable, CCA), and low-carbon materials.
 - Inputs must then be used **effectively**.
 - Works best at the Bay Area/regional scale, supported by StopWaste.
- Zero Net Carbon in the built environment:
 - Buildings consume both operational energy and materials.
 - Embodied carbon metrics = all materials going into building, which are half of GHG emissions (equal to operational emissions).
 - Reduce embodied carbon using whole-building lifecycle assessment (LCA).
 - Science and knowledge about embodied carbon is about 15 years behind operational.
 - StopWaste got BAAQMD grant, with Marin County, to promote low embodied carbon **concrete** in building codes.
 - Scales: building materials > whole building > community (infrastructure, roads).

- Need to understand tradeoffs between operational and embodied carbon. Example: foam insulation can save on operational energy costs throughout the building's lifetime, but embodied carbon for this material is so high that it might never "pay off" the carbon cost of producing it with operational savings.
- Requires **whole-systems** thinking.

Fremont

- Fremont is pursuing a CAP update that sets goals for a post-carbon community.
 - Many post-carbon/sustainability frameworks exist (examples: UN sustainable development goals, STAR communities, Project Drawdown by Paul Hawken, Rocky Mountain Institute Carbon Free City Handbook, CEC Energy pathway for deep decarbonization, StopWaste materials-climate nexus).
 - Cities throughout the Bay interpret these strategies (San Francisco, San Jose, Emeryville).
- Each community must meet their needs and goals. Driving factors for Fremont:
 - Lots of existing plans: Sustainability Element in General Plan, 2012 CAP
 - Deep decarbonization with jobs and population growth, reducing emissions.
 - Eliminate combustion fuels. EBCE reduces emissions from electricity by about 10%.
- Fremont's proposed framework for a post carbon community: Clean and renewable power; electrification/phase out of fossil fuels; carbon sequestration; mobility and connectivity; resource conservation and elimination of waste; restorative ecology and green infrastructure; and climate adaptation and resilience. Driven by overarching goals of resiliency and capacity building; equity and access; efficiency and innovation; and health and wellness.

Livermore

- All TAG/TAC representatives work for boards and commissions.
 - Many have the same representative for both WMA and EC, so their rep might assume collaboration at the staff-level. This is not always true, but there is a benefit to know what each other is doing.
- Potential for collaboration and overlapping interests:
 - Livermore's commercial organics were so often contaminated that the composting facility would no longer accept their waste. They were awarded a grant from BAAQMD to reduce GHG emissions by working on increasing organics diversion and keeping it out of the landfill.

Cities broke into discussion groups to talk about their intentions for collaboration in 2019 and how StopWaste can support them. Shared out ideas:

- **Emeryville:** reach codes for construction materials; support for fuel-switching; develop a toolkit for equity integration throughout region.

- **Berkeley:** regional approach for a deconstruction ordinance; translating SB 1383 requirements into CAP requirements or indicators; workshop on adaptation and leadership (food waste, equity, new models in community engagement).
- **Fremont:** board members can go more in depth with these concepts because knowledge and experience varies among cities; this can also help representatives understand regionally approach and aid in implementation of projects.
- **Pleasanton:** model ordinance for single-use food ware ordinance region wide.
- **Oakland:** align goals between two groups (TAG and TAC); provide funding opportunities since often funding on the waste side is for managing discards and not upstream waste reduction programs; technical assistance on best practices and regional coordination.

How can StopWaste better integrate the TAG and TAC?

- Have a standing item on both agendas to report on what the other is working on.
 - Jennifer and Meghan can attend both meetings.
 - Claire Griffing from Albany, who already attends both meetings, can report out.
- Have joint meetings of both groups once or twice a year.

3:30 PM: East Bay Community Energy meeting – J.P. Ross, Annie Henderson, Deidre Sanders, EBCE

Notes by EBCE, not StopWaste

1. Offer to sponsor city-run Earth Day events
2. Opt-outs by city
3. PG&E bankruptcy
4. Local Development Business Plan (LDBP) updates

UPCOMING TAG MEETING: February 19, 2019

UPCOMING TAC MEETING: February 7, 2019

FELLOWS: February 1, 2019 Tour of Davis St. Transfer Station 10:00 – 1:00 pm

MEETING NOTES

Energy Council TECHNICAL ADVISORY GROUP (TAG)

Tuesday December 18, 2018 – 1:00 pm to 2:30 pm

Attendance:

County of Alameda: Micaela Unda (Fellow)
City of Alameda: Maria DeMeglio (phone), Marisa Johnson (Fellow), Patrick Pelegri-O'Day
City of Albany: Claire Griffing, Elizabeth Carrade (Fellow)
City of Berkeley: Billi Romain, Sarah Moore
City of Dublin: Shannan Young, 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 Oakland: Danielle Makous (Fellow)
City of Piedmont: Mira Hahn (phone), Brooke Edell (Fellow)
City of Pleasanton: Derek Lee (phone), Zachary Reda (Fellow)
City of San Leandro: Oceane Ringuette (Fellow)
StopWaste: Jennifer West, Miya Kitahara, Karen Kho, Jeffery Liang, Emily Alvarez
Guests: Melissa Brandt, EBCE; Karen Kristiansson, BayREN; James Hamill, CSCDA

AGENDA

Introductions and welcome

- New StopWaste staff member, Emily Alvarez; Lisa Pontecorvo is retiring in spring 2019.

Member Agency Technical Assistance – Miya Kitahara

- In 2019, StopWaste is offering technical assistance for member agencies in two areas of green building: circular design and embodied carbon. Fill out the project information form.
- For circular design, seeking municipal projects. Example technical assistance includes design for disassembly or cradle-to-cradle material specifications. Funding for 1-2 projects in Alameda County (agency funding). Funds must be committed by June 2019.
- For embodied carbon, seeking any nonresidential projects ideally using a lot of concrete. Funding for four projects in the Bay Area (BAAQMD funding). Funds must be spent by July 2020 and projects expect to have concrete poured by the end of 2022.
- Pilot project is for physical construction projects only, not a model ordinance or code.
 - Model code language will be a product of the BAAQMD grant, can be used by member agencies and incorporated into CalGreen amendment. Will attempt to complete model ordinance in summer, per member agency staff requests. MA staff are invited to participate in the model policy development process.

Reach Codes - Presentation by Karen Kristiansson, BayREN

- BayREN Codes and Standards program supports building officials to enforce State energy code, provides policies to improve energy efficiency and reduce energy consumption, including reach codes.
 - Reach codes: a green building ordinance covering topics like water efficiency, demolition, energy efficiency, and specification of materials. Must go beyond Title 24, Part 6 (Energy) or Part 11 (Green Building Standards).
- Why consider a reach code?
 - Reduce GHG emissions: building operations = 28% of global GHG emissions
 - Easier to mandate efficiency for construction, harder to retrofit existing buildings
 - Meet Climate Action Plan goals
- Alameda County, Berkeley, Oakland, Richmond have reach codes in place that cover EV readiness, solar PV, and outdoor lighting requirements.
- Energy efficiency reach codes must be cost-effective, must be approved by the CEC and filed with the state. If not energy efficiency measure under CalGreen, no cost effectiveness needed. Studies are tied to climate zones (Alameda County = climate zones 3 and 12).
- Several statewide cost effectiveness studies are underway: Low-rise residential (1-3 stories) and high-rise residential (4+) in mixed-fuel and all-electric buildings; On-site PV; Draft results (January) and reports (February 2019). Cost-effectiveness studies use CEC-approved software (final version not expected until May).
- Energy efficiency reach codes updated for new building code cycle (3 years). Optimal: in place when the new building code is in place (January 1, 2020). Easier for building officials and code users if requirements don't change during the code cycle.
- Reach code timeline: 60-day CEC comment period. Cities do outreach, and require a 1st and 2nd reading by city councils. Benefit to having the entire building code reviewed at the same time. Often cities bring new building codes to Council in November. Ideal timeline for reach code model ordinance is 6 months in advance (much earlier).
- Other reach code options: Single-measure reach codes. Energy efficiency-related codes with no cost effectiveness requirements, including electric-ready buildings (i.e. service panel upgrades, 240 volt pre-wiring), EV readiness/charging, energy use disclosure. If a jurisdiction wants to consider a reach code/cost-effectiveness study not underway, request one from the CEC or consultant (possibly BayREN).
- Deciding whether or not to pursue a reach code: Does your Climate Action Plan call for reach codes? Are certain projects expected (i.e. a hospital)? Talk to internal (building department, other city staff) and external stakeholders.
- Reach code regional forum on March 7, a joint workshop with statewide IOU team (follow up to Oct 9 workshop). Topics include: Initial results of cost effectiveness studies; Tips for

outreach; Case studies; and Coordinating reach codes by geography, to make implementation easier for contractors.

- Model ordinance language for cities to implement (planned). Concern about time for the CEC to develop model ordinance: waiting for software (May) delays release.
- At StopWaste, Jennifer and Jeffery are point people for reach codes.

Berkeley Reach Code Efforts - Sarah Moore, City of Berkeley

- Berkeley is investigating several possible reach codes (C&D diversion, low-carbon concrete, EV readiness).
- Timing: all codes to City Council in November for 1st/2nd reading, meaning the reach code would not be effective January 1 due to 60-day CEC comment period.
- Contracted with TRC and Frontier for cost effectiveness study - by the end of December.
- Helpful resources: BayREN, California Building Decarbonization ListServ (NRDC), Building Decarbonization Coalition (with consultant to support reach code development), CEC staff, Green Cities California (developing Climate Action Plan electrification language, not reach code language specifically), architects/developers/building officials
 - Important part of reach code development is consideration of how to increase staff to educate public and enforce reach codes.
- TAG members request BayREN train plan check professionals on the new code
 - Clarify assumptions of what will be in the code, which might not turn out to be true (past example: replacing gas with electric hot water heaters).
 - BayREN can do training on the statewide code for building department staff, but can be difficult for reach codes due to variability.
 - BayREN is supporting Marin County on reach code implementation.
- Discussion of a reach code for triggering electric panel upgrades in existing buildings to support future electrification.
- **Hayward**'s sustainability committee wants to consider phasing out natural gas in new construction and will look at results of the State cost-effectiveness study.
- **Fremont** is interested in the proposed electrification pathway, EV readiness, and possible solar, if the State code will be less stringent than what currently exists.
 - Oakland and SF ordinances as precedents: mandate 10% of parking spaces have EV charging plus 10% readiness (infrastructure without charger).
- **Emeryville** is looking at increased EV readiness as well as mandating solar canopies for parking garages.

Using CEQA for Electrification - Hayward Downtown Specific Plan, Erik Pearson

- Hayward is currently preparing a Downtown Specific Plan, with up to 3,400 new multifamily units over the next 20 years. The EIR per CEQA analyzes associated GHGs of this growth and identifies potential impacts and mitigation measures to reduce impacts to the extent feasible.
- City is exploring mandating all-electric new construction for a feasible mitigation measure.
 - Is this too far? So far have had positive responses from architects and energy experts who said there are multifamily buildings being built as all electric.
 - Assume they will pursue this mitigation measure.
- DEIR will be available in few weeks for public comment.
- May want to prohibit new gas connections within the Downtown Specific Plan Area (using the Marin green building ordinance as guide).
- Berkeley has also asked their consultants about this for the Adeline Specific Plan and were informed that mitigation measures for CEQA do not need to go through CEC cost-effectiveness process.
 - Berkeley wants to have the mitigation measure be nimble so that it does not become outdated over the 20 years that the plan might be in place.
- May be helpful to have BAAQMD talk to Energy Council about future CEQA guidelines, especially measures that can be incorporated into future climate action plans.

PACE update – James Hamill, CSCDA

- Two PACE providers (Renew Financial and Renovate America) laid off substantial number of employees due to changes in the PACE marketplace and applicable legislation. Counterpoint has decided to stop offering residential PACE programs. PACE Funding and Renew Financial are only two remaining residential providers.
- CSCDA supported bills (SB 242 and AB 1284) which regulate the “ability to pay” provisions for property owners. The intention is to prevent owners from receiving financing they cannot afford, even if their property has sufficient equity. Has dropped PACE volumes 50-60%. However, it has not necessarily decreased overall renovation projects, but changed the type of financing being used.
 - AB 2063 and AB 2087 established additional credit requirements and oversight for PACE providers and contractors. PACE financing is no longer contractor-friendly since property owners can no longer get an initial credit review based on value of the home. New requirement mandates further vetting that can take 1-2 weeks. Contractors are returning to traditional types of financing that are unsecured, such as credit cards.
- What happens now? Board meeting in January to see how the JPA responds to market changes. Future of PACE will look very different, may become different product. SB 465 has added fire-hardening measures to PACE eligibility (roofing, etc.). Federal government now doing rulemaking that will add layers to the marketplace.

- Ultimately, legislative changes were necessary to make sure contractors were not taking advantage of customers.
- CSCDA is not currently working on a portal for reporting data, but is working collaboratively with the State to explore reporting options across all PACE providers. In the interim, CSCDA can provide data.
- Despite decrease in residential PACE, there is an increase in commercial, with PACE as one of multiple funding sources. Bad press regarding residential PACE had initially hurt commercial PACE, but has become more successful as it has been differentiated as another product.
- Upcoming BayREN webinar on PACE market update - January 8 from 11am to noon.

Closing and member comments

Jeffery from StopWaste provided an update on 2019 BayREN outreach events.

- BayREN 2019 Multifamily Outreach events
 - BAMBE Program will meet 2018 goals, with a rush at the end of the year for QA.
 - Do outreach earlier in 2019 (January/February, not April/May) so better idea of numbers mid-year.
 - Projects completed in 6 months, extended on a project-by-project basis (helpful for larger projects).
 - Jeffery will soon reach out about workshops -- looking for workshop hosts.
- Heat Pump Water Heater (HPWH) trainings
 - One hour training for building officials in Hayward (1/8), Berkeley (1/15).
 - East Bay Electrification Expo (2/7) with Berkeley will promote electrification, including supporting building staff for plan check and inspections. We hear from contractors that they sometimes have to educate building staff.
 - More HPWH contractor outreach with BayREN/StopWaste BAAQMD grant.
 - EBEW report covers permitting challenges for HPWH (and 12 installations).
- BayREN single family program
 - New 2019 rebate amounts: from bundles of 3+ measures to new single measures and rebates up to \$5,000 over a 5-year time period. Focus on low to moderate income households. More education for contractors, new customers who did not fit under the old program and may be better fit for single measures.
 - Continue outreach in hard-to-reach communities (Chinese and Spanish workshops, communities where we have not worked before).
- Electrification Expo with City of Berkeley and Ecology Center at the Ed Roberts campus above the Ashby BART station (2/7).

- First half will be for building professionals with HPWH exhibitors, training, and Home Upgrade contractors who already install HPWH.
- Second half is homeowner-focused including induction cooktop demo, HPWH product showcase, and Q&A with building professionals.
- Need help with promotion and outreach, contact Jeffery if interested (Albany expressed interest).
- Already coordinated with EBCE.

Member comments

- Fremont: SB 1000 requires grant funded EV chargers are publicly available.
 - DANNAR (electric work vehicles for street/park maintenance) presented to Fremont. Can be a mobile power unit for emergency response (400-500kWh capacity). Possible use of PG&E EV Charge program funding for infrastructure when installing EV chargers. In 2019 the program will offer fleet program if installing at least two chargers. If interested, ask PG&E reps.

Immediately following: East Bay Community Energy meeting – Melissa Brandt, EBCE

Notes by EBCE, not StopWaste

1. Opt-outs by city
2. 12/5 EBCE Board mtg highlights
3. Upcoming issues
4. City staff requests for future EBCE mtgs

City of Livermore: Judy Erlandson (phone) joined

UPCOMING TAG MEETINGS: January 15, 2019 (with TAC to review priority-setting outcomes)

LOCAL // BAY AREA & STATE

Oakland's streets are getting trashier, but new program sees early success

Kimberly Veklerov

Jan. 9, 2019 | Updated: Jan. 9, 2019 9:54 a.m.



Ayinde Osayaba, a city maintenance worker with Keep Oakland Clean & Beautiful, prepares to pick up a chair to place it into the garbage truck.

Photo: Lea Suzuki / The Chronicle

A pilot program to beat back the scourge of illegal dumping is starting to see success on the streets of Oakland, where piles of discarded mattresses, couches and garbage have multiplied in recent years, according to city data.

Until about 10 months ago, pickup crews mostly relied on a complaint-based system in which they would clean an area when someone opened a service request. Now, the city Public Works Department is also proactively sending “Garbage Blitz” teams to sweep neighborhoods, moving block by block to pick up litter before it’s called in.

The work is slower, and it can take weeks for crews to move through an entire district. But city officials say the program appears to be deterring people from dumping in the first place.

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“We’re out there cleaning more often. We’re turning illegal dumping hot spots to clean spots,” said Jason Mitchell, the Public Works director. “People feel more comfortable dumping on dirty streets than clean streets.”



A Keep Oakland Clean and Beautiful patch is seen on the shirt of city worker David Conti.
Photo: Lea Suzuki / The Chronicle

The move comes as the city prepares to bring back its litter enforcement officers, who were eliminated during budget cuts in 2010.

In three zones of East and West Oakland where the neighborhood sweep program was piloted, the amount of trash that crews had to haul away on a daily basis declined each month they were there, according to data reviewed by The Chronicle.

In District Six of East Oakland, crews encountered a daily average of 8,600 pounds of trash in March. By May, the number dipped to 5,400.

Results were fruitful in other neighborhoods. In another zone of East Oakland, trash was cut down from 4,800 pounds daily in September to 4,600 in October. And in West Oakland, crews went from hauling away 6,600 pounds of trash on a daily basis in June to 5,800 by August.

Crews were logging the same or higher mileage. There was just less stuff for them to pick up.

A few technological fixes may have improved efficiency, too, Mitchell said. This time last year, Public Works trucks had to wait in line at a waste transfer station like any other citizen vehicle. Now, the city trucks are outfitted with the same electronic sensors as those belonging to Waste Management, the city contractor that hauls residential garbage.

"We're able to get in and out of the dump in 15 minutes, whereas before it may have taken a little longer," Mitchell said.



City workers Ayinde Osayaba (left) and David Conti carry refuse to the back of a garbage truck.
Photo: Lea Suzuki / The Chronicle

Public Works will expand the proactive pilot program into every neighborhood of the city in the coming weeks, although it won't supplant the old system. City officials expect to have 25 employees continuing to do "eradication" work — responding to complaints — and 11 others on the new Garbage Blitz team. Those two divisions are on top of eight employees who exclusively clean homeless encampments.

"If we go fully proactive, it could take a week or two to get to a location," Mitchell said. "If we know a pile exists, we don't want it sitting there that long."

The hybrid system brings Oakland more in line with cities like San Francisco, which has regular street cleaning crews that pick up illegal dumping as well as crews that are assigned to hot spots. Like Oakland, San Francisco also has a complaint-based side and a team dedicated to homeless encampment cleans.

In addition to proactive pickups, Oakland is now holding "bulky block parties" once a month for residents to drop off tires, electronic waste, mattresses and other items for free. They've increased in popularity since they began in August, with more cars dropping off more stuff as word has spread, city data show.

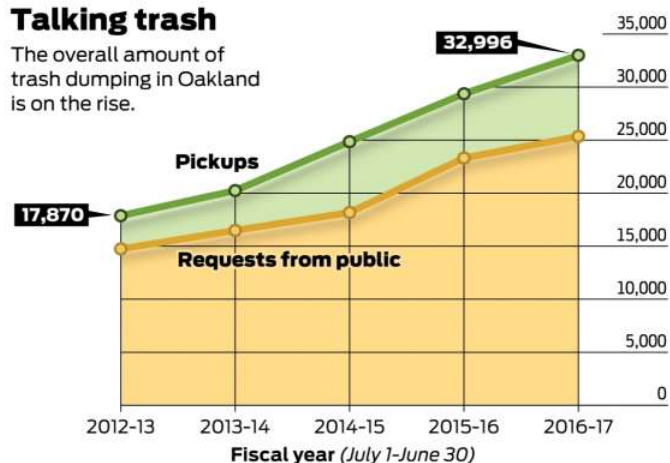
Educating the community on how to properly dispose of waste and levying citations on perpetrators is just as important as getting rid of trash on the streets, Mitchell said. The education component is key, he said, because much of the dumping comes from Oakland residents.

A 2017 study found that 55 percent of material in piles was residential waste — things like food, furniture and household appliances.

The city of origin of 63 percent of trash couldn't be identified. But of the portion that could be traced geographically, more than three-quarters came from within Oakland.

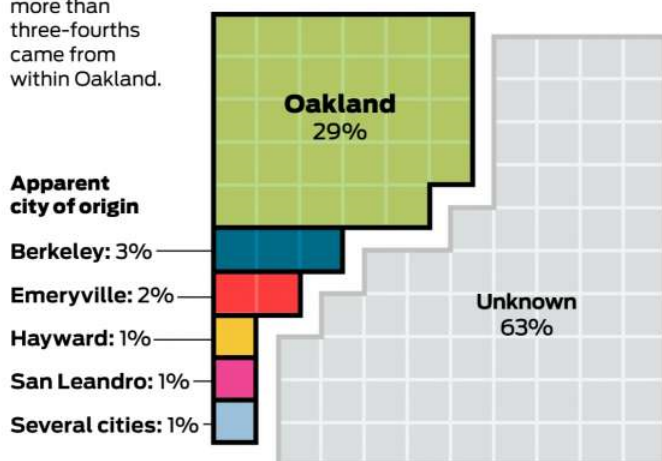
Talking trash

The overall amount of trash dumping in Oakland is on the rise.



Where Oakland trash comes from

The city of origin of most trash — 63 percent — couldn't be identified. Of the trash that could be traced geographically, more than three-fourths came from within Oakland.



Source: Oakland Public Works Department

Todd Trumbull / The Chronicle

Mayor Libby Schaaf said the issue makes her angry. Behavior and norms have to change for illegal dumping to end, Schaaf said.

"I personally find it outrageous that anyone could possibly think it's appropriate to put their garbage in someone else's neighborhood," she said. "It is offensive, and it is an insult to the good families that live in these neighborhoods."

The overall amount of dumping in Oakland is on the rise. In the 2012-13 fiscal year, crews had 17,870 pickups, or 49 a day. That number has grown steadily each year, and by 2016-17 it was 32,996, or 90 pickups a day.

Catching perpetrators is difficult. Since 2013, the city has issued 296 citations for illegal dumping, according to Greg Minor, whose office handles nuisance abatement.

What's driving the increase is not clear. Mitchell and Schaaf said it partly could be Waste Management increasing its residential garbage fees.

Other factors could be the growth of the city's overall population and the number of homeless encampments, Mitchell said.

Another reason, he said, could be that just before the recent uptick, the city had eliminated its litter enforcement officers. Now the city is rebooting the program and hiring four officers and a supervisor. The workers are expected to act as trash detectives — go through piles and video surveillance footage to track down perpetrators.

Illegal dumping is concentrated in the poorer flatlands of the city, particularly in East Oakland, city data show. Many community members and organizations have said the reactive-versus-proactive cleaning approach was an issue of racial equity. Those most affected by dumping on their streets might not have the means to open service requests or know how to do it.

The sheer volume of trash on the streets has led some, like East Oakland resident Mary Forte, to pick up garbage on their own.

"It just gives you a feeling that people don't care about East Oakland and where they live. They have no pride in the city that they would do things like this, and they'll do it in certain neighborhoods but not others," Forte said. "They wouldn't dump it right in front of their own house, so why would they do it in other people's neighborhoods?"

Forte, a 69-year-old retiree who is active in the [East Oakland Congress of Neighborhoods](#) and other volunteer organizations, has adopted her own spot through a [city program](#) that encourages residents to regularly clean a particular public space.

Forte applauded the expansion of the new proactive pickups, but said the pace of hiring new workers has been too slow.

Mitchell said he understood the frustration of community members.

"It's just bad to live in a neighborhood or go to school or go to my market with a pile of trash there," he said. "Eventually, we want to get to the beautification of Oakland, where you see our workers, instead of cleaning up piles of debris, they're planting flowers and putting in flower beds and beautifying neighborhoods."

Kimberly Veklerov is a San Francisco Chronicle staff writer. Email: kveklerov@sfchronicle.com Twitter: [@kveklerov](https://twitter.com/kveklerov)