



# Zero Waste Commission Regular Meeting AGENDA

Monday, March 25, 2019, 7:00 p.m.  
City of Berkeley Corporation Yard (Ratcliff Building, Willow Room)  
1326 Allston Way, Berkeley

## PRELIMINARY MATTERS (30 minutes):

### 1. Call to Order and Roll Call

**Christienne de Tournay (Chair)**, appointed by Councilmember Sophie Hahn, District 5  
**Alfred Twu (Vice Chair)**, appointed by Councilmember Kriss Worthington, District 7  
**Annette Poliwka**, appointed by Mayor Jesse Arreguin  
**VACANT**, District 1  
**VACANT**, District 2  
**Antoinette Stein**, appointed by Councilmember Ben Bartlett, District 3  
**Margo Schueler**, appointed by Councilmember Kate Harrison, District 4  
**VACANT**, District 6  
**Brazile Clark**, appointed by Councilmember Lori Droste, District 8

### 2. Approve Agenda

### 3. Public Comment

*Speakers are generally allotted up to three minutes, but may be allotted less time if there are many speakers, at the discretion of the Chair.*

### 4. Announcements from Commissioners

*Commissioners may make general announcements; no action will be taken.*

### 5. Approval of Minutes from the February 25, 2018 Regular Meeting

## INFORMATION AND ACTION ITEMS (90 minutes):

*Items for discussion and possible action*

6. Staff Updates (20 minutes)
  - Transfer Station Feasibility Study
  - Zero Waste Strategic Plan
  - SB1383 Formal Rulemaking Process
  - Report Back from the Northern California Recycling Update
7. Deconstruction Subcommittee Final Report (attached) (20 minutes)
8. Continue discussion regarding possible modifications to the types of plastics accepted in the City's commercial and residential recycling programs due to long-term marketplace changes that impact the marketability of non-bottle plastics #1-#7 (15 minutes)
9. Discuss Single Use Foodware and Litter Reduction Implementation (15 minutes)

10. Discuss Carpet Recycling Promotion for Earth Day (10 minutes)
11. Discuss Future Agenda Items (10 minutes)

## **ADJOURNMENT**

*Please refrain from wearing scented products to this meeting. This meeting is being held in a wheelchair accessible location. To request a disability-related accommodation(s) to participate in the meeting, including auxiliary aids or services, please contact the Disability Services Specialist at 510-981-6342 (V) or 510-981-6345 (TDD) at least three business days before the meeting date.*

*Communications to Berkeley boards, commissions or committees are public record and will become part of the City's electronic records, which are accessible through the City's website. **Please note: e-mail addresses, names, addresses, and other contact information are not required, but if included in any communication to a City board, commission or committee, will become part of the public record.** If you do not want your e-mail address or any other contact information to be made public, you may deliver communications via U.S. Postal Service or in person to the secretary of the relevant board, commission or committee. If you do not want your contact information included in the public record, please do not include that information in your communication.*

*Please contact the secretary to the relevant board, commission or committee for further information. Zero Waste Commission Secretary: Heidi Obermeit, 1201 2<sup>nd</sup> St. Berkeley, CA 94710, 510-981-6357, [hobermeit@cityofberkeley.info](mailto:hobermeit@cityofberkeley.info)*

**(DRAFT) MINUTES**

The meeting was convened at 7:00 p.m. with Chrise de Tournay, Chair, presiding.

**ROLL CALL**

Present: Chrise de Tournay, Alfred Twu, Annette Poliwka, Antoinette Stein,  
Margo Schueler, Brazile Clark, Elisabeth Watson (7:05 arrival)

LOA: None

Absent: None

**STAFF PRESENT:** Greg Apa, Heidi Obermeit

**MEMBERS OF THE PUBLIC PRESENT:** 7

**PUBLIC COMMENT:** 5

**ACTIONS TAKEN:**

**1. Approval of the February 25, 2019 Regular Meeting Agenda**

M/S/C (Clark/Poliwka) to approve the agenda for the February 25, 2019 regular meeting.

Ayes: Unanimous; Abstain: None; Absent: Watson

**2. Approval of the January 28, 2019 Regular Meeting Minutes**

M/S/C (Watson/de Tournay) to approve the minutes from the January 25, 2019 regular meeting.

Ayes: de Tournay, Twu, Poliwka, Stein, Schueler; Watson; Abstain: Clark; Absent: None

**3. Elections for Zero Waste Commission Chair and Vice Chair**

M/S/C (Watson/Clark) to approve Chrise de Tournay as Zero Waste Commission Chair.

Ayes: Unanimous; Abstain: None; Absent: None

M/S/C (de Tournay/Watson) to approve Alfred Twu as Zero Waste Commission Vice Chair.

Ayes: Unanimous; Abstain: None; Absent: None

**4. Motion to Extend the Meeting for 10 Minutes to 9:10 p.m.**

M/S/C (de Tournay/Clark) to extend the meeting 10 minutes to allow for additional discussion regarding feedback on the draft 2019 Update to the Local Hazard Mitigation plan.

Ayes: Unanimous; Abstain: None; Absent: None

**5. Approval of Zero Waste Commission Feedback on the Draft 2019 Update to the Local Hazard Mitigation Plan**

M/S/C (de Tournay/Twu) to approve submittal of the following Zero Waste Commission feedback on the City's first draft of the 2019 Update to the Local Hazard Mitigation Plan:

The 2019 Draft Local Hazard Mitigation Plan (LHMP) references current local flooding risks in the Codornices Watershed on Second Street from Codornices Creek to Gilman Street and on the railroad tracks from Codornices Creek from Gilman Street to the Albany border. (p. B-16) The impacts of climate change on rainfall and flooding are referenced from flood maps that have not been revised to include potential sea level rise impacts. (B-116, B-124). The Draft Plan references structures along Second Street have an unknown specific vulnerability to sea level rise (B-17) while citing the Adapting to Rising Tides mapping project which indicates that the combined median current projected sea level rise combined with storm surge and rainfall drainage put the area at risk of inundation. No recommendations are made for the City's Transfer Station.

The 2019 LHMP cites criteria for construction of City facilities that will be impacted by earthquake risks but does not provide guidance for facilities in flood zones. As the City's Transfer Station is currently under design and is located precisely in an area of current flood susceptibility and future increased risk of flooding due to increased storm intensity, increased runoff and sea level rise, guidance should be included to address the facility design needs for its anticipated life cycle. Criteria should also address the opportunity that City ownership and control of this major property provide to mitigate these hazards for the surrounding community.

Additionally, the Zero Waste Commission recommends adding the following language (in italics) to the Climate Change Integration Strategy to: *"Mitigate climate change impacts by integrating climate change research and adaptation planning into City operations and services and prioritize our City's mandated zero waste goal."*

Ayes: Unanimous; Abstain: None; Absent: Clark

**6. Adjournment at 9:15 p.m.**

M/S/C (de Tournay/Watson) to adjourn the meeting at 9:15 p.m.

Ayes: Unanimous; Abstain: None; Absent: Stein, Clark

The next regular meeting of the Zero Waste Commission will be held on March 25, 2019 at 7:00 p.m. at the City of Berkeley Corporation Yard (Ratcliff Building, Willow Room), 1326 Allston Way, Berkeley.

Respectfully Submitted:

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Heidi Obermeit, Secretary

## **Deconstruction Final Report**

**February 25, 2019**

Alfred Twu, Toni Stein

### **Summary**

Deconstruction is a proven process to keep materials at their highest and best use, while also reducing methane from wood decaying in landfills. As contractors operate across city borders, effectiveness of local ordinances are limited. The opportunity for the City of Berkeley to increase the use of deconstruction is through providing space at the Transfer Station.

### **Overview of Deconstruction**

- Building taken apart instead of bulldozed.
- Typical materials salvaged: Wood, brick, doors, windows, shingles, fixtures
- Takes 2-3 weeks to deconstruct a house, 8 weeks for large commercial/industrial bldg
- Costs are 50-100% higher for deconstruction vs. ordinary demolition

### **Existing Ordinances in other cities**

Portland, Oregon: Ordinance adopted in 2016

- Mandatory for single family and duplexes built before 1916 or with historic status.
- Requires 75-85% of materials to be diverted from landfill.

Palo Alto, California: Ordinance adopted in 2017

- Voluntary. However, all projects on single family houses valued at over \$25,000 are required to have a Deconstruction Survey done, where a contractor estimates the cost and value of salvaging materials. Homeowners that choose to deconstruct get expedited permitting (about 2-3 weeks faster) and tax deduction.
- Requires 80% of materials to be diverted from landfill.

### **Berkeley existing construction waste diversion ordinance**

- Requires 100% of concrete, asphalt, and soil to be diverted, plus 65% of other nonhazardous materials.

### **Recommended Action**

- Construction and demolition industry crosses city boundaries – contractor in City 1 works on building in City 2, hauls materials to City 3.
- Policy is best implemented at State or Regional (such as Air District) level. Diversion of wood is a priority due to Short Lived Climate Pollutants regulations (SB-1383) focus on reducing organic matter sent to landfill.
- Local action: Provide space for receiving and sorting of materials, make this a consideration as part of the Transfer Station redesign.