

From: [Sylvia Dolena](#)
To: [Sur, Peter](#)
Subject: Agenda Item V 2 for July 26
Date: Saturday, July 22, 2023 11:14:12 PM
Attachments: [Zero Waste Hierarchy 2023 7-26.docx](#)

3cory@gmail.com>

Date: Sat, Jul 22, 2023 at 9:50 PM

Subject: Fwd: comments on V 2 for July 26

To: Mark Koppel' via Justice Warriors <justice-warriors@googlegroups.com>

COMMENTS ON AGENDA ITEM V 2: DRAFT RECYCLING ORDINANCE

For Environmental Management Commission, 9 AM Wednesday, July 26, 2023

Aloha Commissioners,

I have reviewed Zero Waste Hierarchy by Mike Ewall of EJN. Please give this hierarchy due consideration.

Regards,
Sylvia Dolena
Pele Lani Farm LLC

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zero waste is defined as "the conservation of all resources by means of responsible production, consumption, reuse, and recovery of products, packaging, and materials without burning and with no discharges to land, water, or air that threaten the environment or human health." It's not a utopic idea, but a set of policies and practices intended to eliminate incineration and reduce waste as much as possible, ultimately achieving at least 90% reduction of waste going to disposal.

THE ZERO WASTE HIERARCHY

RETHINK/REDESIGN

REDUCE

REUSE

RECYCLE/COMPOST

MATERIAL RECOVERY

RESIDUALS MANAGEMENT
(Biological treatment and stabilized landfilling)

UNACCEPTABLE
(Waste deregulation, incineration, and "waste-to-energy")

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Zero Waste Hierarchy:

Redesign

Reduce

Source Separate: (reusables, recycling, composting and trash)

- **Reuse / Repair**
- **Recycle (multi-stream)** ⇒ Material Recovery Facility (MRF)
- **Compost** ⇒ aerobically compost clean organic materials like food scraps and yard waste to return to soils
- **Waste:**
 - **Waste Composition Research** (examine trash to see how the system can be improved upstream)
 - **Material Recovery** (mechanically remove additional recyclables that people failed to separate)
 - **Biological Treatment** (aerobic composting -- or, better yet, anaerobic digestion followed by aerobic composting -- of organic residuals to stabilize them)
 - **Stabilized Landfilling** (biological treatment reduces volume and avoids gas and odor problems)