



Standardized County Recycling Program

Board of Supervisor Aides
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Monterey County Health Department
Environmental Health Division
Recycling and Resource Recovery Services

CAO Directive

- Establish comprehensive standardized recycling program for all County facilities
- EHD charged to lead this project





Scope of Program

- **Conduct Waste Assessments at all County Facilities:** 82 offices/facilities under current custodial contract, 70 leased offices, including County Parks (Laguna Seca, etc.)
- **Collect current workspace data**
- **Calculate infrastructure costs**
- **Coordinate with garbage & recycling haulers to provide outside collection services**



Existing Recycling Model

- EHD Recycling Services developed a recycling model for the Health Dept. at 1270 Natividad Rd, Salinas
- This model can be used as a template for implementing a convenient and standardized County Recycling Program



Findings of Waste Assessment- Health Department, 1270 Natividad Rd

- 171 desks/work spaces
- 180 desk side trash cans
- 15- 32 gal trash cans in common areas
- 56 desk side mini bin systems
- 39 desk side recycling boxes
- 6- 32 gal recycling bins in common areas
- 8 Confidential Document bins



Recyclable Materials

- Glass
- Plastic (# 1-7)
- Aluminum
- Paper (*non-confidential)
- Cardboard
- Newspaper, Magazines, Junk Mail, etc.

All materials can be comingled in same bin

*Confidential documents will continue to be collected by
Information Technology's Records Retention & Document Destruction Program



Special Wastes*

- Batteries
- Fluorescent Tubes
- Paint
- Printer Cartridges
- Toner Cartridges
- CD's/Floppy Disks
- Unknowns

*These wastes require separate collection and recycling and CANNOT be comingled with other recyclable materials



Options

Option 1	Option 2
<u>Desk side:</u> Mini bin system	<u>Desk side:</u> Convert existing trash can into recycling bin
<u>Common Areas:</u> Pair trash can with blue recycling bin with lid	<u>Common Areas:</u> Pair trash can with blue recycling bin w/out lid



Examples of Options- Desk side

Option 1- Mini Bin System	Option 2- Trash Can & Mini
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Examples of Options- Common Areas

Option 1- Pair with Lid	Option 2- Pair without Lid
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Benefits per Option

Option 1

- Branding
- Visual Message
- Convenient
- Standardized Bin
- Standardized Label
- No Contamination

Option 2

- Standardized Label
- Convenient
- Less Expensive



Cost per Option- Desk side

EX: Data from Health Dept Waste Assessment

- 180 desk side trash cans
- 56 existing mini bin systems

124 desks that require a recycling bin

Option 1- Mini Bin System	Option 2- Trash Can & Mini Bin
Bin System: \$854	Mini Bins: \$478
Labels: \$138	Labels: \$200
Liners: \$2,090*	Liners: \$2,090*
Total: \$3,082	Total: \$2,768

*annual cost for liners



CAO Directive: Implement Option 2 and Phase into Option 1

Mini Bin System & Pair with Lid

- Mini Bin System already established at approx. 30 offices-proven system that works!
- Mini trash bin visually conveys County's reduce-first vision; recycling is the last solution
- Blue color recognizable as recycling bin—universal
- Pairing recycling bins and trash reduces contamination
- Benefits of standardized system outweigh initial one-time cost
- Demonstrates County's commitment to recycling & waste reduction; lead by example



Program Management

- Once implemented, each Department Head would be responsible for ensuring operation and maintenance of recycling program
- Department Head may delegate this responsibility to the Facility Coordinator and/or designated Recycling Coordinator



Challenges

- Leased buildings have separate custodial contracts
- Employee re-education
- Space limitations in outside garbage & recycling enclosures
- Confidential Bins: Better Labeling & Education



Current Progress

- To date, EH has recruited 60 “Recycling Coordinators” for the 82 County-owned buildings under the janitorial contract;
- Staff has performed “waste assessments” on 20 County-owned buildings



Remaining Obstacles

- Per unit cost: Department-based orders versus single large order
- Storage
- Distribution



Next Steps

- Complete remaining Waste Assessments
- Provide template & technical assistance to Department Head (or designee)
- Identify additional service charges: custodial and equipment costs
- Determine costs to implement per building
- Facilitate Janitorial and employee trainings
- Conduct periodic audits for CAO to ensure program is operating effectively



For More Information

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