

EACP Committee

From: Tamara Farnsworth <Tamara.Farnsworth@co.maui.hi.us>
Sent: Tuesday, March 12, 2019 9:43 AM
To: EACP Committee
Subject: EP&S Overview Presentation for EACP-17(3)
Attachments: Final EP&S OVERVIEW.pdf

Aloha,

Please find attached the EP&S overview presentation in response to March 12, 2019 EACP Committee Meeting Agenda Item EACP-17(3).

Mahalo,
Tamara

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COUNTY OF MAUI
**Environmental
Protection &
Sustainability
Division**

Introduction

- About Us: Mission Statement, Guiding Values, Purview
- Current programs and expansion of programs
- Goals and Objectives
- Budget, funding, and needs

EP&S Overview

Why is EP&S Important?

- Mandated by Charter Amendment
- In line with global, national, and state initiatives
- There is no Planet B
- Fiscal Responsibility
- Vision and Structure

EP&S Mission Statement

To ensure resilience for future generations, the Environmental Protection & Sustainability Division shall guide efforts to optimize opportunities for environmental initiatives, natural resource protection, sustainability, conservation, and restoration.

EP&S strives to fulfill its mission through public education, community engagement, support of community sustainability initiatives, public-private-non-profit partnerships, innovative programming, and implementation of environmental and sustainability mandates.

EP&S Guiding Values and Philosophy

- Aloha 'Aina Malama Pono
- Urgency of purpose
- Interdependence
- Respect for all species
- Respect for cultural traditions
- Social Equity and Environmental Justice
- Quadruple bottom line
- Regeneration and Resilience

EP&S Scope and Purview

- Connection between the County and Public
- Assists Environmental Coordinator with engagement with Mayor's office
- Assists Environmental Coordinator with development and implementation of sustainability initiatives and mandates
- Intra-departmental (cultivating relationships within DEM)
- Inter-departmental (cultivating relationships with partner departments)

Current EP&S Programs

- **Recycling**
- **Abandoned Vehicles, Metals & Litter Control**

Recycling Section

www.mauicounty.gov/recycle

- Development and implementation of most of Maui County's landfill diversion and waste reduction programs
- Currently at 35% landfill diversion
- County ISWMP Goal: 60% landfill diversion
- Hawaii Green Growth Aloha+ Challenge Goal: 70% source reduction
- United Nations Local 2030 Hub Goal: 70% source reduction

RECYCLING PROGRAMS

Maui

- Residential Dropboxes at 6 sites island-wide
- 3 Can Plan Pilot in South Maui (can be expanded within 3 years)
- County Office Paper Recycling
- Recycling Clusters in many County Parks
- E-cycling in Wailuku
- Greenwaste Co-Composting at Central Maui Landfill
- Household Hazardous Waste Annual Event
- Used Motor Oil

Molokai

- Recycle Molokai (General Recyclables, Used Motor Oil and E-waste)
- Greenwaste Mulching Facility
- Metals Facility

Lanai

- HI-5 Redemption Center
- *Dropbox facility in Lanai City* (future plans)

EDUCATION & OUTREACH

- Recycling Hotline: 270-7880
- Recycling Info email: recycle.maui@mauicounty.gov
- Website and Recycling Guide (soon to be fully searchable online resource)
- Talking Trash Newsletter
- Community Outreach Events (Turkey Day, Earth Day, County Fair)
- Tour de Trash Virtual coming soon
- “BYO! Bring Your Own” Waste Reduction and Reuse Campaign
- Moving toward Zero Waste Principles and Practices

RECYCLING GRANTS

- Supporting businesses and non-profits with county-sponsored recycling goals

IMPLEMENTATION OF LEGISLATION

- Plastic Bag Ban Enforcement
- Foam Free Maui County www.mauicounty.gov/foamfree
- Single-Use Disposable Plastic Food Serviceware Ban (2019?)
- Zero Waste Resolution (2019?)

Abandoned Vehicles, Metals and Litter Control Section

www.mauicounty.gov/avm

- Addresses materials that are potentially hazardous to the environment and are often banned from landfills and subject to illegal dumping
- Addresses litter control issues through interdepartmental partnerships and education
- Through public awareness campaigns, fiscal incentive programs as well as punitive enforcement, and collection-disposal systems, we strive to prevent and mitigate environmental hazards and solid waste pollution

Abandoned Vehicles Program

- HRS 290, COM Ordinance 20.20
- 1700 vehicles and vessels towed, stored, auctioned and disposed of in 2018
- To report an abandoned vehicle, call the MPD Non-emergency line at 244-6400, select “0”
- General info, call the AV Hotline at 270-6102

Junk Vehicle Disposal Assistance Program

- One vehicle per year per resident

Molokai Metals Facility

- Autos, large appliances, scrap metals, auto batteries, tires, propane tanks

Rural Area Metals Collection Events

- Hana
- Lanai

Litter Control

- Management of Malama Maui Nui (formerly Community Work Day) grant which includes recycling and litter education, illegal dumping cleanups, and Go Green West Maui events
- Involvement in County parcel cleanup planning and operations

EP&S Visions for the Future

Beyond Landfill Diversion: Zero Waste

What is “Zero Waste?”

Zero Waste is a *pathway* towards significant overall waste reduction, high percentage of landfill diversion, and positive behavioral change.

It's a *framework* of philosophy and practices that succeed through planning, public education and engagement, legislation, and shifts in infrastructure.

Zero Waste is...

“A comprehensive and integrated approach that manages materials throughout their lifecycles and encourages stakeholders to take their share of responsibility, through smartly designed incentives.” (dMass)

Focus on:

- Reducing the production of waste;
 - Promoting more efficient use of materials;
 - Increasing the recycling of materials that have served their useful purpose;
 - Reducing the amount of waste requiring disposal;
 - Reducing the toxicity of the waste requiring disposal;
 - Improving the environmental performance of solid waste management facilities
- (Massachusetts 2010-2020 Master Waste Plan; Pathway to Zero Waste)

Moving toward Zero Waste

Recycling Section is already moving toward Zero Waste:

- County ISWMP and State mandates leading us in this direction
- Zero Waste Oahu, Zero Waste Hawai'i and Zero Waste Kauai... Maui next?
- Refocusing: *Landfill Diversion* --> *Source Reduction*
- 2 FY20 Recycling Grants for Zero Waste education and implementation of Zero Waste events services
- “BYO! Bring Your Own...” Waste Reduction and Reuse Campaign
- Advocating for more comprehensive single-use disposable plastic bans
- 3 Can Plan curbside recycling is ready to be expanded island-wide over 3 years, with appropriate staffing and funding

A Zero Waste Maui County is Possible with:

- Zero Waste Legislation
- Development and implementation of a 10-year county-wide plan
- Technical support for Administration, Council, and Departments
- Public education and targeted engagement with businesses, residents, visitors, and students

EP&S Focus Section (Expansion)

EP&S Focus Section

Public Engagement

- EP&S Advisory Group
- Community Partnerships

Education

- EP&S Education and Resource Website
- Self-Sufficiency, Sustainability, and Resilience Educational Resources

EP&S Focus Section

Support of Community Initiatives

- Green Grants Program
- County Green Star Program

Implementation of Environmental and Sustainability Mandates

- Review of local, state and federal legislation to ensure county compliance
- Development of programs to implement new and existing local mandates.

Goals & Objectives

Goals and Objectives

Goal: Expand to meet charter mandates over 2 years

- Objective: Review county policies
- Objective: Define mission and purview
- Objective: Express guiding values
- Objective: Secure divisional infrastructure and adequate staffing
- Objective: Form EP&S Advisory Group
- Objective: Explore Zero Waste
- Objective: Public education, outreach, and engagement
- Objective: Cooperate with Environmental Coordinator to develop systems and make recommendations to administration

Goals and Objectives

Goal: Develop and implement EP&S programming within 2 years

- Objective: Support community initiatives through grants and other means
- Objective: Create comprehensive website and educational tools to provide consolidated information about sustainability/environmental programs, resources, organizations, and volunteer opportunities in Maui County
- Objective: Cultivate and leverage public/private/non-profit partnerships
- Objective: Public education, outreach, and engagement

Goals and Objectives

Goal: Support environmental initiatives, natural resource protection, conservation, sustainability, and restoration over 2 years

- Objective: Define areas of focus
- Objective: Work with council and administration to secure funding
- Objective: Maintain and develop waste reduction and LF diversion programs
- Objective: Design integrative systems for sustainability initiatives
- Objective: Develop and implement innovative programming
- Objective: Adapt successful models from comparable municipalities
- Objective: Cultivate and leverage public/private/non-profit partnerships
- Objective: Public education, outreach, and engagement

Budget & Finance

EP&S Fund: Maui County Code 3.55

- **Ordinance establishing the EP&S Fund as distinct from the Solid Waste Fund**
- **New division, new fund**
- **Recycling and Abandoned Vehicles Revenues**
 - \$10 recycling surcharge for each ton of trash from landfill accounts, shared with SWD
 - State Grants for e-waste and non-deposit glass
 - HBF registration fees of \$10 (\$8/2 split with DPW Highways program, plus \$25 fee for disposal of vehicles established in FY2019. (Can be used only for AV's and vehicle disposal)
- **EP&S Focus programs possible revenues:**
 - General fund to fund programs that will protect the environment for all residents
 - State and Federal Grants
 - Increase property or sales taxes

Budgetary Considerations

- Fixed costs: ~70%
- Discretionary costs: = ~30%
- Unencumbered funds from FY2019
 - 0-2% anticipated
- Vacancies
 - 1 AVM section Program Assistant, developing new DPS classification and redescribing PD, then plan to emergency hire
- CIP: N/A
- Cost-saving measures
 - Recover more costs from AV owners through collections systems and punitive measures to compel owners to pay on open accounts
 - Leveraging community resources through grants programs
 - Reducing services to remain within budget

Future Needs

Laying the foundation for the new EP&S division:

- Expand Staffing by 2 crucial positions
 - Office Assistant
 - Environmental Program Specialist - new classification
- Expand Office Space to accommodate new staff (One Main Plaza)
- Expand Programming (Green Grants, Website, Community Engagement)

An Invitation

We invite your mana`o, thoughts, ideas, and reflections.

Please share with us.

We want to hear from you.

Mahalo

Me ke ha`aha`a