

Environmental Management Commission

October 26, 2022

1. Request to SW Division Chief (Adams)
 - a. What is the net cost for the County (median and range per appropriate quantity) to:
 - b. Dispose of residential solid waste and hazardous waste

	2021-2022
WHSL	203,872
Revenue	\$12,770,067
Cost/Ton	\$62.64
WM \$	\$10,115,125
Tons	203,872
Cost/Ton	\$49.62
Total \$/ton	\$112.25
Fee @ LF	\$116

SW Budget

FY 2022-23	\$
SW	\$38,951,409
Recycling	\$6,678,706
Total	\$45,630,115

2. Recycle different materials left at Solid Waste Facilities

Recycle	\$ FY 2021-22	Budget	Tons	\$/ton	Diversion
GW	\$4,601,900	\$4,650,000	36,364	\$126.55	71.83%
HHW	\$254,326	\$260,000	51	\$4,986.78	0.10%
Recycle Collect/Haul	\$587,611	\$600,000	3,493	\$168.23	6.90%
Scrap M+	\$367,290	\$500,000	9,734	\$37.73	19.23%
Tires	\$34,204		53	\$645.36	0.10%
Paper	\$456,644		2,359	\$193.58	4.66%
Glass	\$17,841		741	\$24.08	1.46%
E Waste	\$110,614	\$274,828	101	\$1,095.19	0.20%
UMO	\$26,719	\$40,000	84	\$318.08	0.17%
Outreach	\$2,917	\$100,000			

Diversion

Total Tons Recycle Diversion	50,626
WHSL Tons	203,872
Recycle + LF tons	254,498
Recycle \$	\$5,539,267

LF SW
80.11%

Diversion Rate	19.89%
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\$/ton Recycling Diversion	\$109.42
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3. Updates on ISWMP priorities progress and efforts to obtain EPA infrastructure

The ISWMP is a guiding document which is a great plan and sets goals for the Division. It is not a mandate for Solid Waste. Looking at the Division in my short time, Solid Waste is lacking in staffing, equipment replacement and infrastructure updates. Fundamentally to be effective, Solid Waste's focus should be to shore these areas for the future. The document is good and moves the division forward for an environmentally healthy Hawaii for future generations.

The division looks very strongly and favorable on EPA grants. Securing a future grant writer is a positive step forward for grant success.

- a. Education and outreach need to increase focus in this area to improve reuse, reducing and recycling for the Island.
- b. WHSL contract is on-going
- c. Additional HHW dates have been added on the Island

- d. Trailer Study: a draft report should be completed before year's end on the use of trailers at TS.
 - e. LCA is ongoing
 - f. Propose policies and ordinances. Before we propose ordinances and policies, an established outreach program with training is necessary. Again, staffing is an issue for this department to secure grants and develop the Island for the future.
4. Thoughts on setting up and Advanced Disposal Fee on all or a subset of goods to fund SW disposal.

ADF is a good program. The current program for glass was advanced at the state level. At the county level, this can lead to Council approval and implementation with no SW control. Would applying fees at the point of disposal on items such as white goods, tires, batteries and bulky items be a consideration to offset disposal/processing costs for SW. Residents might interpret an ADF as a hidden tax and will push back with either direction.