County:	Maui	**Solid Waste Issue:**	Organics – food waste, green waste, and untreated wood
Population (2020 Census):	165,000		
Last Update to SWMP:	2009; Pending 2024 update		
Waste Characterization Data:	According to data collected from the 2012 waste composition study and tonnages disposed of in 2019, it is estimated that the total Countywide waste composition was comprised of[1]: • **Food Waste** – 41,151 tons (18.5 percent of total waste composition) • **Green/Yard Waste** – 32,429 tons (14.5 percent of total waste composition) • **Untreated Wood** – 4,473 tons (2 percent of total waste composition) • **Total** – 78,053 tons (35 percent of total waste composition)		
Waste Diversion Data:	According to the 2000 State ISWMP, approximately 22,488 tons (20,537 tons of green waste/wood waste and 1,951 tons of food/wet waste) were diverted in FY 1998/1999.[2]		
County Ordinances:	Chapter 15-108, entitled "Rules for Refuse Collection", identifies refuse collection requirements and allows the mixing of yard waste in the general category of "Rubbish." According to the regulation, "all rubbish consisting of tree branches, tree trunks and stumps (not exceeding fifty pounds), hedge and plant cuttings, palm and coconut branches, vines and other similar materials shall be cut into lengths not exceeding three feet and shall be tied in bundles which shall weigh not more than fifty pounds each."[3]		
Overview:	 Currently, there is no Countywide curbside collection of organics. The County has implemented a pilot program known as the "3 Can Plan" to collect garbage (brown cart), green waste (green cart) and recyclables (blue cart) curbside every other week. Compostable items are taken to the County's contracted co-composting operation run by Maui EKO Compost.[4] Materials are processed with green waste and biosolids to create an EPA class "A" compost. Until 2020, green waste was co-composted on Maui, but currently, the county does not have a government-operated composting facility.[5] In the last couple of years, green waste has been used to solidify biosolids and then disposed of in the landfill. According to Maui County's Environmental Protection and Sustainability Division Manager, this is a temporary practice that the County is working to remediate. Any green waste that is not used for this purpose is converted into mulch and distributed to various landscaping, agricultural projects on Maui, or sold to the public through EKO Compost. On Molokai, green waste is diverted from the landfill, chipped, and offered as free mulch to the public. The County is working towards building a composting facility within the next couple of years, which will require a Department of Health Solid Waste Management Permit. Since there is no existing municipal composting facility, there are limited food scraps recycling options in Maui. Local farms such as Kupa'a Farms and Ku'ia Farm are taking initiative by composting food scraps receieved from local businesses.[6] Private companies have largely led the way in implementing new composting programs. Currently, West Maui Green Cycle is the only compost facility permitted by the Department of Health to accept food waste. West Maui Green Cycle has partnered with a handful of local schools to launch composting programs. Through the School Food Waste Composting and Reusables Program, over 92,000 lbs of food waste have been diverted and composted.[7] By Fall 2023, West Maui Green Cycle aims to launch a weekly curbside pickup for West		

	Maui residents, which will be used to collect data.[8] Due to the recent catastrophic wildfire, the program may experience delayed implementation. Maui Huliau Foundation is a non-profit organization that provides environmental education programs to Maui's Youth. One of the programs (Huliau Green Events program) provides training, pre-event planning services, zero waste stations, and food scraps recycling services for events with as many as 10,000 attendees.[9] To date, over 29,000 pounds of material have been collected for composting through the Huliau Green Events program. Maui Food Bank is the only non-profit organization in the County that collects, warehouses, and distributes mass quantities of food to individuals in need through community partnerships.[10] Since 1994, over 3.25 million pounds of food have been distributed to provide hunger relief. "Waste Not, Want Not" is another non-profit organization that accepts unwanted harvested fruit for redistribution to the Maui Food Bank and other organizations that target food insecurity in Maui.[11] Local pig farms in Maui accept food scraps from businesses to feed pigs.[12] In 2017, it was estimated that approximately 80 pig farms existed within the County.[13] Out of five landfills that were assessed in the state of Hawai'i by US EPA's Landfill Methane Outreach Program in 2018, Central Maui Landfill was the largest producer of landfill gas and had the highest methane concentration (52 percent).[14] Mandatory organics recycling and landfill disposal ban requirements would help decrease greenhouse gas emissions. The County is also considering establishing a food waste collection program to divert materials from the landfill.
County Programs & Funding:	• Recycling Grants Program (estimated funds for FY 2024 are $100,000 for the Green Grants Program and $500,000 for the Recycling Grants Program) • Backyard Composting Workshops
Estimated Annual Material Type Generation:	According to the 2009 County ISWMP, organic material is projected to reach approximately 132,700 tons by 2030 (60,309 tons of green waste and 49,004 tons of food waste).[15]
Permitted Collectors and Recyclers/Processors:	**Green Waste Receiving Facility (residential)** • Olowalu Convenience Center **Green Waste Composting Facilities (commercial and residential)** • Hana Landfill • Hawaii Materials Recycling, LLC • Kihei Compost • Malama Aina Center • Organics Processing Facility
News Articles:	*Spectrum News* "What happens to Maui County's trash and recyclables?" *Honolulu Civil Beat* "Maui's Food Waste Is Causing A Big Problem. Now, Some Residents Are Tackling It Themselves"

Solid Waste Management Issue Statement: (County to provide statement regarding the management of this material type.)	Organics (i.e., food waste, green waste, and untreated wood) comprise a significant portion of Hawai'i's waste stream. When disposed of in landfills organics generate methane as they decompose. This is problematic as methane is up to 36 percent more effective than carbon dioxide at trapping heat in the atmosphere making it a large contributor to global warming. While mulching and composting exist for untreated wood and green waste, outlets to manage food waste are limited. In addition, while Americans dispose of millions of tons of food, the U.S. Department of Agriculture estimates that about 13.7 million households are food insecure as of 2018. Concurrently, millions of tons of food are being discarded, including food that could be donated to foodbanks.
County Solid Waste Stream Issue Statement and Potential Solutions: (County to provide issue statement and potential solutions regarding the management of this material category.)	**Issue Statement** – N/A **Potential Solutions** – N/A

[1] Chapter 2 – Waste Stream (mauicounty.gov)
[2] Hawai'i 2000 Plan for Integrated Solid Waste Management (hawaii.gov)
[33] Rules for Refuse Collection (mauicounty.gov)
[4] FAQs (mauicounty.gov)
[5] What happens to Maui County's trash and recyclables? (spectrumlocalnews.com)
[6] Maui's Food Waste Is Causing A Big Problem. Now, Some Residents Are Tackling It Themselves (civilbeat.org)
[7] School Food Waste Composting and Reusables Program (westmauigreencycle.com)
[8] Maui's Food Waste Is Causing A Big Problem. Now, Some Residents Are Tackling It Themselves (civilbeat.org)
[9] Huliau Green Events (mauihuliaufoundation.org)
[10] About Maui Food Bank (mauifoodbank.org)
[11] Resource Directory (mauicounty.gov)
[12] Chapter 9 – Organic Waste (mauicounty.gov)
[13] Resources for Renewable Natural Gas Production in Hawai'i (hawaii.edu)
[14] Resources for Renewable Natural Gas Production in Hawai'i (hawaii.edu)
[15] Chapter 9 – Organic Waste (mauicounty.gov)