County:	Kaua‘i	**Solid Waste Issue:**	Solid Waste Programs
Population (2020 Census):	73,300		
Last Update to SWMP:	2021;		
Waste Characterization Data:	**Deposit Beverage Containers Program (HI-5 Program):** According to the 2016 Waste Characterization Study conducted at the Kekaha Landfill, the following quantities of each material type were disposed: HI-5 plastic PET containers: 375 tons HI-5 plastic HDPE containers: 122 tons HI-5 aluminum containers: 228 tons HI-5 bi-metal containers: 69 tons HI-5 glass containers: 761 tons Total HI-5: 1,555 tons **Electronic Device Recycling Program (eWaste):** According to the 2016 Waste Characterization Study conducted at the Kekaha Landfill, electronics covered under the Electronic Waste and Television Recycling and Recovery Law comprised of an estimated 138 tons of the county-wide waste composition. **Glass Advance Disposal Fee Program (ADF):** According to the 2016 Waste Characterization Study glass comprised of an estimated 2.8 percent (2,332 tons) of the county-wide waste composition (761 tons of glass bottles/containers, 1,083 tons of non-HI-5 glass bottles/containers, and 488 tons of non-recyclable glass).		
Waste Diversion Data:	**Deposit Beverage Containers Program:** In FY 2023, approximately 388 tons of aluminum, 776 tons of glass, and 281 tons of plastic containers were diverted. **Electronic Device Recycling Program:** In FY 2023, approximately 114 tons of electronics were diverted. **Glass Advance Disposal Fee Program:** In FY 2023, approximately 599 tons of non-HI-5 glass were diverted.		
County Ordinances:	**Deposit Beverage Containers Program:** The County of Kaua‘i does not have any ordinances related to the management of deposit beverage containers. Deposit beverage containers are subject to state regulations (HRS Chapter 342G Part VIII; see State fact sheet for additional information). **Electronic Device Recycling Program:** Kaua‘i County Code 1987 Section 21 bans the disposal of commercially generated monitors (CRTs and LCDs) at RTSs and the landfill. **Glass Advance Disposal Fee Program:** The County of Kaua‘i does not have any ordinances related to the recovery of glass containers. Glass containers covered under the Glass ADF program are subject to state regulations (HRS Chapter 342G Part VII; see State fact sheet for additional information).		
Overview:	**Deposit Beverage Containers Program:** The County of Kaua‘i has five privately operated Certified Redemption Centers (CRCs). Two centers (Kekaha and Kōloa) are funded through the State DBC grant, and one (Līhu‘e) is operated through a concession contract through the County of Kaua‘i. Currently, redemption center operators are transporting most of the redeemed deposit beverage containers to Garden Isle Disposal (GID) in Līhu‘e for processing and marketing (one exception is Kaua‘i Community Recycling Services, who currently processes and markets its own aluminum). The County of Kaua‘i subsidizes the processing of HI5 plastic and glass through our commercial recycling program. The County pays a flat fee of $78,000 per month to GID to accept, process, and market commercially generated recyclables including DBC materials which are the highest quantities in this contract besides		

cardboard. HI-5 glass collected from the CRCs is sent to California for remanufacturing into new bottles.[1]

Two HI-5 recycling specialists oversee the County DBC program. The County collaborates with the DOH to provide HI-5 enforcement and inspection assistance, along with educational outreach to schools and businesses upon request.[2] A grant from the DOH's DBC Program helps fund County-contracted redemption centers and related costs. HI-5 recycling signage is available for businesses, apartments, and condo owners to print and use on the County's website.[3] Kaua‘i County has submitted testimony to the state legislature to modify the law to increase the deposit fee, which would create an incentive for additional recycling.

Electronic Device Recycling and Recovery Program: The County receives an annual grant from the State to promote the Electronic Device Recycling and Recovery Program. Electronic waste is not accepted at the RTSs or at the County's semiannual HHW collection events. Residents and businesses are encouraged to donate electronics in usable condition to a non-profit agency for reuse. Other vendors that accept specific electronic items for recycling or repair can be found on the County's website. The County promotes proper collection of eWaste through the eWaste collection contests at schools. Students participate in the contests by bringing eWaste from home or identifying eWaste at school.

In the past the County has received more grant funding for the eWaste program to host regional service on the west and north sides of the island, but due to low event numbers, and the requirement that all material be itemized/quantified and include a certificate of recycling from the end destination which takes several months to receive, the County was unable to continue to administrate the program at the higher service level.

Current grant funds are used for educational outreach via print, radio, and other promotional material as well as the school contest mentioned above.

Glass Advance Disposal Fee Program: In FY 2018, the County of Kaua‘i forfeited ADF glass funds due to insufficient funds from the State to cover expenses associated with receiving, processing, and managing a buy-back and recycling program as required by the DOH. The County will recommend legislative changes to increase allocated funds for both the Glass Advance Disposal Program and the DBC Program as this would promote and increase non-HI-5 glass recycling, including all containers made of glass beyond just beverages.

The County has a voluntary residential recycling program for five categories of source-separated recyclables, including glass. Presently, there are eight drop off sites for the collection of these recyclables. In FY 2019, an estimated 318 tons of glass were collected from the drop off locations.

Non-HI-5 glass on Kaua‘i is shipped with HI-5 glass to be recycled on the mainland through the County funded residential recycling program.[4]

County Programs & Funding:

Deposit Beverage Containers Program (HI-5 Program): The Event Loaner Program, Bins to Business, Bins to Retailers, and Recycling Bin Program for Non-profits/Schools, and Bins for Parks program were developed by the County Recycling Office to promote the recycling of HI-5 beverage containers. Through the programs, recycling bins are available to borrow for events or have free of charge for various agencies around the island. Bin types vary per program.

	Money from the State's deposit beverage container deposit special fund may be expended to support the implementation of the deposit beverage container program (HRS §342G-104). **Electronic Device Recycling Program:** The County receives an annual grant from the State to promote the Electronic Device Recycling and Recovery. Money from the State's electronic device recycling fund may be expended by the director to support county electronics collections (HRS §339D-10). **Glass Advance Disposal Fee Program:** Money from the State's special account in the environmental management fund may be allocated to support the implementation of the Glass ADF program (HRS §342G-84). However, the County of Kaua'i does not currently implement a glass recovery program, and therefore, does not receive any funding.
EstimatedAnnual Material Type Generation:	Not available.
Permitted Collectors and Recyclers/Processors:	**Deposit Beverage Containers Program (HI-5 Program)[5]:** There are a total of five privately operated redemption centers located in Kaua'i County, specifically in Kapa'a, Kekaha, Kīlauea, Koloa, and Līhu'e. Operating days and hours vary. See website at www.kauai.gov/hi5. As mentioned above, two centers (Kekaha and Kōloa) are funded through the State DBC grant, and one (Līhu'e) is operated through a concession contract through the County of Kaua'i. **Electronic Device Recycling Program:** According to the County's ISWMP, Puhi Metals also accepts eWaste for free. Mac Made EASY accepts Macintosh computers for recycling.[6] **Glass Advance Disposal Fee Program:** GID has a contract with the County accept and process commercially generated recyclables at their Līhu'e facility, including glass bottles and jars.
News Articles:	**Deposit Beverage Containers Program (HI-5 Program):** *Spectrum Local News*: "Kauai County reminder: Bottle caps are non-recyclable" **Electronic Device Recycling Program:** *Kaua'i Now News*: "Contest Encourages Students to Recycle E-Waste: Kauai Now" **Glass Advance Disposal Fee Program**: N/A
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** – The grant programs offered by the State greatly increase the options and incentives for residents and businesses to divert beverage containers, eWaste, and ADF glass, but there are requirements and restrictions under these programs that have led to stagnation and or inability to increase their effectiveness. For the HI-5 program, the deposit fee of five cents has lost its value and incentive for the general populace leading to reduced redemption/recycling of these materials. Also, the initial focus of the program as a litter reduction tool limits its overall effectiveness as a waste diversion program that could include a larger assortment of beverages or other products that could be included based on the recyclability of their container type. The eWaste and ADF programs have stringent requirements that make it difficult or infeasible for the County to implement them fully or at all. The ADF program also suffers from insufficient funding making the program requirements even more difficult to comply with. **Potential Solutions** –

The Deposit Beverage Program can benefit from an expanded list of covered products and increased deposit fee. The program has been one of the most successful diversion programs for the State, and an update of the law will only benefit residents, reduce littering, and increase the successful diversion of these items from landfills.

For the eWaste and ADF programs, the rules and regulations need to be reviewed to relax or remove certain requirements to allow the County to implement the overall goals of waste diversion and proper waste management.

The importer fee for the ADF program should be increased in conjunction with more funding being made available to the County's to implement diversion programs for the material or add these containers to the Beverage Container Deposit System.

[1] Recycling Programs (kauai.gov)
[2] Recycling Education (kauai .gov)
[3] Recycling Signs (kauai.gov)
[4] Recycling Programs (kauai.gov)
[5] Kaua'i Redemption Centers (hawaii.gov)
[6] Electronics Recycling (kauai.gov)