County:	Honolulu	**Solid Waste Issue:**	Tires
Population (2020 Census):	1.02 million		
Last Update to SWMP:	2019		
Waste Characterization Data:	Estimated 828 tons of tires between September 2016 and August 2017, (approximately 0.1% of the overall waste stream).[1]		
Waste Diversion Data:	• In FY 1998 – 1999, approximately 5,666 tons[2] of tires were diverted in Honolulu (State of Hawai‘i ISWMP, 2000) • In calendar year (CY) 2017, 6,477 tons of tires were recycled and approximately 42,000 tires were processed at H-POWER[3] • In FY 2017, 24,784 tire units were accepted at convenience centers[4] • In 2021, approximately 10,093 tons of tires were recycled[5] • In FY22, 34,529 tires were accepted at the City’s refuse disposal sites (TS/CC)		
County Ordinances:	• Per City Ordinance, **Chapter 9-1.7 (Collection and Disposal of Refuse – Acceptable and Non-acceptable Refuse at Disposal Facilities)**, tires are banned from all Citywide disposal facilities. • In 2014, H-Power received a conditional variance from the DOH to accept used auto tires delivered from refuse and convenience centers and bulky collection crews. This variance allows H-POWER to received and process up to 400 tires per day (or 65,000 annually)[6] at the Waste to Energy (WtE) facility. Variance extended until 2/2026.		
Overview:	According to the 2019 ISWMP[7], residents of the City and County of Honolulu can deliver up to four tires monthly to the city owned convenience centers or at the Kapa‘a and Kawailoa Transfer Stations. City-collected residential tires are either delivered to the H-POWER WtE facility to be used as feedstock or to a local tire recycler. Any oversized tires and other tires from City operated facilities that H-Power cannot manage are delivered to the City’s contracted tire recycler. In the commercial sector, most of the tires are collected by Unitek Solvent Service (Unitek) where tire treads are first shredded then are shipped to processors on the mainland.	 **Source: WasteLine**	
County Programs & Funding:	None Identified.		
Estimated Annual Material Type Generation:	**Estimated Number of Registered Vehicles (2022)[8]:** • Total Passenger[9]: 631,568		

	Estimated Number of Passenger Scrap Tires to be Managed Yearly[10]: 430,000 (approximately 4,300 tons)
Permitted Collectors and Recyclers/Processors:	• H-Power WtE Facility • Unitek Solvent Services • Kapa‘a TS • Kawailoa TS • Island Recycling • Retired Tires
News Articles:	Topic: Illegally dumped tires on private roads Link: Frustration grows along with eyesore as walls of dumped tires fill private road in Nanakuli (hawaiinewsnow.com) (January, 2023) Topic: Tires in the marine environment Link: Ocean Defenders Alliance - Passion for the Ocean Fuels Big Cleanup at He’eia Pier
Solid Waste Management Issue Statement: (County to provide statement regarding the management of this material category.)	No comments submitted by the City and County of Honolulu.

[1] 2017 Waste Composition Study (honolulu.gov)
[2] State of Hawai‘i ISWMP, 2000
[3] 2019 Integrated Solid Waste Management Plan Update. November 2019. City and County of Honolulu.
[4] 2019 Integrated Solid Waste Management Plan Update. November 2019. City and County of Honolulu.
[5] Rates and Data (honolulu.gov)
[6] Fourth Annual Report (hawaii.gov)
[7] 2019 Integrated Solid Waste Management Plan Update. November 2019. City and County of Honolulu.
[8] Compiled by Research & Economic Analysis Division, State of Hawai‘i Department of Business, Economic Development and Tourism. For more information, please visit: http://dbedt.hawaii.gov/economic. Includes electric, diesel, gasoline, hybrid and misc. fuel vehicles.
[9] In Hawai‘i, a passenger car means “every motor vehicle, except motorcycles and motor scooters, designed for carrying ten passengers or less and used for the transportation of persons.
[10] Assuming that the average amount of miles driven per person ranges between 12,000 – 15,000 miles annually, it is estimated that most tires typically last six years (source: Policygenius). The average age of vehicles on the roads in Hawai‘i is 11.7 years (source: Alliance for Automotive Innovation). Tetra Tech estimates that the County could expect that approximately 17 percent of passenger vehicles will replace one or more tires annually. For purposes of this hand-out, Tetra Tech assumed that vehicles would replace all four tires at the same time.