

AGENCY TOD Project Fact Sheet		Proj ID 19-Sep-2025		
1	Agency	County of Kaua'i Department of Public Works, Wastewater Mgmt Division		
2	Transit Station/Bus Stop	Eiwa Street Transit Center, stops north to Peter Rayno Park, east to Lihue Airport, south to Garden Isle Inn, west to Kaiser Permanente Lihue Clinic		
3	Project Name	Līhu'e Wastewater Treatment Plant & Collection System Improvements		
4	Street Address	N/A		
5	Tax Map Key/s	Multiple; extent: north to 438012076, east to 435001030, south to 435002002, west to 438014027		
6	Land Area (acres)	N/A		
7	Zoning	Various; primarily including residential, commercial, and industrial		
8	Fee Owner	Various; primarily private and County owned		
9	Lessee/s	Various		
10	Current Uses	Various		
11	Encumbrances (if any)	N/A		
12	Summary Project Description	Project aims to identify and address needed improvements to Līhu'e's wastewater infrastructure to ensure sewer service capacity and expansion to support affordable housing and planned development in the "heart of Kauai." Līhu'e is the primary economic, commercial, urban and civic center of Kauai and is the focus of the County's TOD efforts to foster affordable housing, job and business opportunities, and multi-modal transportation options for Līhu'e residents. To support the County's development goals, the condition and capacity of Līhu'e's sewer infrastructure needs to be adequate to accommodate additional sewer connections and resulting increased wastewater flows to meet population and development needs and planning goals.		
13	Site Constraints (infrastructure, arch/hist sites, etc.)	N/A		
14	Development Schedule Ctrl + Tab to enter under headings >	Planning 1.5 years	Design TBD	Construction TBD
15	Project Status	Securing consultant for collection system monitoring, hydraulic modeling, and capacity assessment work; to start work in 2 nd quarter FY26.		
16	Consultant/ Contractor/Developer	Brown and Caldwell		
17	Project Cost Estimate/s Ctrl + Tab to enter under headings >\$	Planning \$3.5M	Design TBD	Construction TBD
18	Funding Source/s Ctrl + Tab to enter under headings >	Planning St TOD Grant (\$1M) County of Kauai (\$2.5M)	Design TBD	Construction TBD
19	Contact Person (Name, Email Address)	Donald Fujimoto, DPW Wastewater Management, dfujimoto@kauai.gov		
20	Attachments link to report webpage:	 Lihue Fac Plan_FINAL_V2_April 2025.pdf		

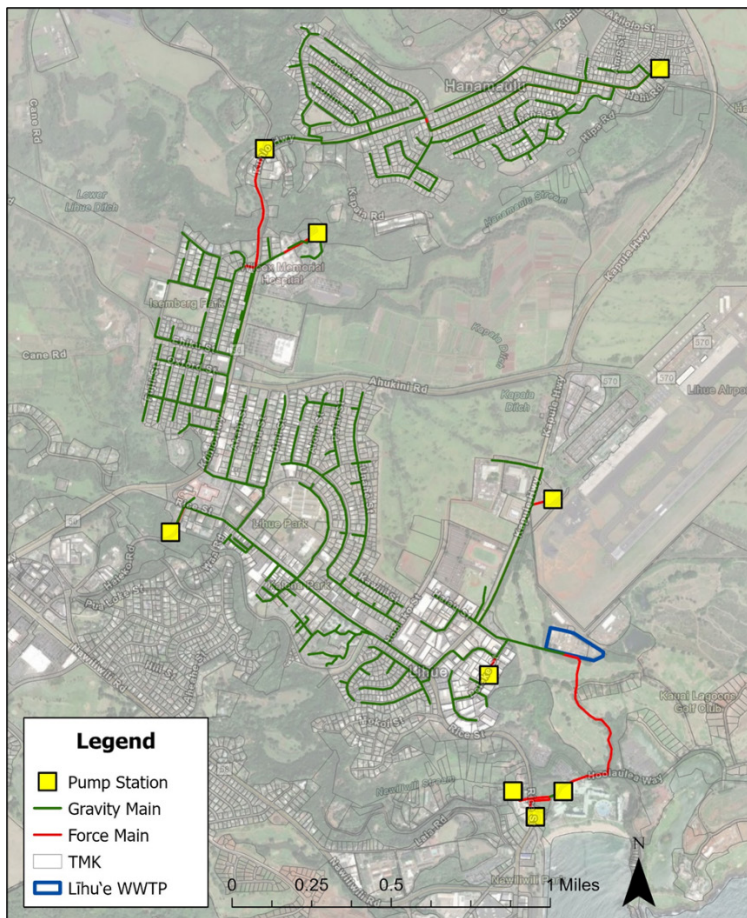
LĪHU'E WASTEWATER TREATMENT PLANT & COLLECTION SYSTEM IMPROVEMENTS

The County of Kauai has goals to support TOD, affordable housing, and infill development in Līhu'e, which is the island's primary economic, commercial, urban, and civic center where TOD could provide more affordable housing, job and business opportunities, and multi-modal transportation options for Līhu'e residents. To support this goal, the condition and capacity of Līhu'e's sewer infrastructure needs to be adequate to accommodate additional sewer connections and the resulting increased wastewater flows.

The goal of the ongoing Līhu'e Wastewater Treatment Plant (WWTP) and Collection System Improvements Project is to identify and address needed improvements to Līhu'e's wastewater infrastructure to support needed affordable housing and planned development and address sewer service expansion for the "heart of Kauai." The Project, which is being executed in phases, will require a comprehensive capacity and condition evaluation to determine any and all potential operational, asset liabilities (i.e. short- and long-term repairs) to meet regulatory compliance and requirements for WWTP facility and collection system improvements to meet future flows for population and development needs. Due to budget limitations, the County has had to prioritize evaluations of future flows and loads in the Līhu'e area as it affects the existing wastewater treatment plant. The County is conducting capacity evaluations of the existing wastewater collection system and configuration of a hydraulic model.

In addition to this capacity-focused work, an evaluation of the existing wastewater collection system will provide the County a complete picture of how new connections can be made to the existing sewer system and improve existing system reliability. This Project component will focus on conducting condition inspections of prioritized portions of the existing collection system, including gravity sewers, manholes, and pump stations to develop rehabilitation and replacement recommendations to reduce impacts of inflow and infiltration (I/I) and extend the life of existing assets.

The figure below depicts the extent of the current collection system in Līhu'e.



Līhu'e Wastewater Collection System

- 20 miles of gravity sewer
- 600 manholes
- 9 pump stations