

ORDINANCE NO. \_\_\_\_\_

BILL NO. 20 (2020)

A BILL FOR AN ORDINANCE AMENDING  
 THE FISCAL YEAR 2020 BUDGET FOR THE COUNTY OF MAUI  
 AS IT PERTAINS TO APPENDIX C - CAPITAL IMPROVEMENT PROJECTS,  
 DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, KIHEI-MAKENA COMMUNITY PLAN AREA  
 (KIHEI-MAKENA SEWER EXPANSION)

BE IT ORDAINED BY THE PEOPLE OF THE COUNTY OF MAUI:

SECTION 1. Ordinance No. 4988, Bill No. 36 (2019), Draft 1, as amended, "Fiscal Year 2020 Budget", Appendix C – Capital Improvement Projects, is hereby amended as it pertains to the Department of Environmental Management, by expanding the project description for the Kihei-Makena Sewer Expansion project, to read as follows:

	<b><u>Department of Environmental Management</u></b>	
	<b>1. Countywide</b>	
CBS-3182	<b>a. Environmental Compliance System Design and Construction</b>	500,000
	Design and construct to address environmental compliance and operational improvements at all County Solid Waste Management facilities in alignment with State and Federal requirements.	
CBS-3565	<b>b. Integrated Solid Waste Management Plan Update</b>	200,000
	Update the existing Integrated Solid Waste Management Plan (ISWMP) completed in 2009 to align with regulatory goals for solid waste handling.	
CBS-1119	<b>c. Countywide Environmental Protection Agency (EPA) Compliance Wastewater Reclamation Facility Renovation Projects</b>	1,500,000
	Design, construct, renovate, and upgrade equipment at Wastewater Reclamation Facilities as required by the 20-Year Rehabilitation & Replacement Plan developed under a Consent Decree. Projects for FY 2020 shall include: Wailuku-Kahului Injection Well piping rehabilitation, Kahului/Lahaina/Kihei disk filter installation, construction of Wailuku WWPS (Wailuku Wastewater Plant System) electrical upgrade, hauler discharge manhole improvements, Kihei pond liner rehabilitation design, and Kuau pump station piping rehabilitation. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
CBS-1128	<b>d. Countywide Wastewater System Modifications</b>	1,000,000
	Support wastewater projects as required where construction and design bids exceed the designated funding appropriations for capital improvement projects already approved. Quarterly reports on progress shall be submitted to Council.	
CBS-1132	<b>e. Countywide Environmental Protection Agency (EPA) Compliance Projects</b>	500,000
	Design and construct sewer line improvements, based on the current CCTV (closed-circuit television) project and in accordance with a Consent Decree, including CCTV of existing lines, obtaining current wet and dry weather flow data to update the hydraulic model, and additional assessments as required.	

	<b>2. Hana Community Plan Area</b>	
CBS-5504	<b>a. Hana Landfill Office Trailer and PV Expansion</b>	25,000
	Engineering design for a modular office-bathroom-breakroom with expanded photovoltaic system and battery backup system to provide power. As part of the design, explore the cost difference between a 20-foot versus a 40-foot trailer.	
	<b>3. Kihei-Makena Community Plan Area</b>	
CBS-3563	<b>a. Kihei No. 3 Force Main Replacement</b>	480,000
	Design the replacement of a 2,040-foot, 12-inch diameter ductile iron pipe force main within South Kihei Road between Kaonoulu Street and Hoonani Street with a new 4,600-foot force main to discharge on Liloa Drive.	
CBS-5028	<b>b. Kihei Wastewater Pump Station No. 9 Modification/Upgrade</b>	200,000
	Design and construct upgrades (pumps, motors, generators) and required modifications (building, piping, electrical) to the existing pump station.	
CBS-5029	<b>c. Kihei In-plant/Effluent Pump Station Upgrades</b>	750,000
	Upgrade both the Kihei In Plant Lift Station No. 2 and the Effluent (R-1 water) Pump Station, including replacement of pumps, piping, and access hatch of the plant lift station, effluent pumps, and their control equipment for the R-1 distribution system and renovation of various in plant valve vaults.	
CBS-XXXX	<b>d. Kihei-Makena Sewer Expansion</b>	7,500,000
	Design, plan, and construct the expansion of the sewage facility in the Kihei-Makena area. <u>Design, testing and validation of the third ultraviolet disinfection channel to create reliability for 100% R-1 generation for reuse and disposal.</u> <u>Design of the Effluent Pump Station upgrade, which has reached the end of its useful life.</u> <u>Design of the replacement 18" distribution line to the R&amp;T park to enable further expansion to North Kihei.</u> <u>Design of a replacement liner and cover for the in-plant effluent storage pond at the end of its useful life.</u>	
	<b>4. Molokai Community Plan Area</b>	
CBS-5497	<b>a. Molokai Landfill Scalehouse Replacement and Traffic Optimization</b>	200,000
	Design and study for a new scalehouse office and scale to improve ingress and egress to the facility.	
	<b>5. Paia-Haiku Community Plan Area</b>	
CBS-1183	<b>a. Kuau No. 3 Force Main Replacement</b>	630,000
	Replacement of 830-foot-long, six-inch-diameter ductile iron pipe force main located along Hana Highway. Department shall make best efforts not to impede traffic into the Paia area. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
CBS-1184	<b>b. Kuau No. 4 Force Main Replacement</b>	540,000
	Replacement of 677-foot-long, eight-inch-diameter ductile iron pipe force main located along Hana Highway. Department shall make best efforts not to impede traffic into the Paia area. (minimize disruption of traffic along Hana Highway during morning and afternoon periods of high traffic volume).	
	<b>6. Makawao-Pukalani-Kula Community Plan Area</b>	
CBS-XXXX	<b>a. Upcountry Sewer System Upgrades</b>	1,000,000
	Sewer system upgrades and conversions from cesspools for the Upcountry area.	

	<b>7. Wailuku-Kahului Community Plan Area</b>	
CBS-3577	<b>a. CML Storage Facility/Infrastructure</b>	300,000
	Design and construct a heavy equipment storage facility and maintenance work area at the Central Maui Landfill.	
CBS-5493	<b>b. CML Customer Drop-Off Area Improvements</b>	100,000
	Design a customer waste drop-off service bay area and related improvements, including expansion of the wind barrier wall system at the Central Maui Landfill.	
CBS-5502	<b>c. Central Maui Landfill Entrance Facility Traffic Improvements</b>	50,000
	Design, construct, and renovate the facility entrance to include additional land to provide segregated lanes for residential, commercial, and green waste customers.	
CBS-5494	<b>d. CML Extension of Primary Litter Screen and Drainage Improvements</b>	500,000
	Design and construct extension of 50-foot tall litter screen along Pulehu Road property line to service the new Phase VB Extension disposal cell.	
CBS-5495	<b>e. CML Phase VB Extension Leachate Recirculation System</b>	650,000
	Design and construct infrastructure to expand recirculation of leachate into the Phase VB Extension waste mass.	
CBS-5019	<b>f. Central Maui Landfill Expansion</b>	12,500,000
	Design, permit, and construct expansion of Phase III of the Central Maui Landfill facility.	
CBS-3567	<b>g. Central Maui Landfill Purchase</b>	200,000
	Acquisition of 17 acres for the Central Maui Landfill to allow for the development of a dedicated emergency debris sorting and recovery site and other ancillary facilities.	
CBS-1131	<b>h. Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation</b>	4,000,000
	Construct, rehabilitate, or replace major gravity sewer lines that have reached the end of their useful life or have been found to be damaged or in disrepair via video investigation or other means, including construction of Iao Valley Line, Mokuhaui Line, Kaa Manhole Rehabilitation, and other required replacements.	
CBS-1171	<b>i. Wailuku-Kahului Recycled Water Force Main</b>	500,000
	Design and construct recycled water force main that will transport water from the Wailuku-Kahului WWRF to the Central Maui/Waikapu area for irrigation use or disposal in SAT (Soil Aquifer Treatment) basins in order to eliminate injection well use.	
CBS-4587	<b>j. Wailuku-Kahului WWRF Facility Plan</b>	400,000
	Evaluate existing treatment components and investigate alternatives, additions, and retrofits for expansion to accommodate future growth. Provide a summary of existing facilities, a future anticipated flow study, alternatives, recommendations, proposed upgrade schedules, and construction cost estimates.	
CBS-5033	<b>k. Wailuku-Kahului Soil Aquifer Treatment (SAT) Basins</b>	1,350,000
	Construct SAT basins and supporting infrastructure on former sugarcane fields to be used for treated effluent disposal.	
CBS-5034	<b>l. Wailuku-Kahului Recycled Water Pump Station</b>	600,000
	Construct recycled water pump station to pump treated effluent to potential agricultural and other users and convey treated effluent to the County's SAT basins.	
CBS-5547	<b>m. Lower Main Street Sewer Upgrade</b>	2,500,000
	Construct 1,950 lineal feet of 15-inch gravity sewer line parallel to an existing 12-inch line on Lower Main Street between Ainahou Place and Waena Street.	

	<b>8. West Maui Community Plan Area</b>	
CBS-1124	<b>a. West Maui Recycled Water System Expansion</b>	13,500,000
	Acquire land for the design, permitting, and construction of upgrades, modifications, and additions to the West Maui recycled water distribution system following the intent of the five recommended options outlined in the West Maui Recycled Water Verification Study (2012). The Director of Environmental Management must submit a quarterly report to the County Council providing a status update on the project's progress.	
CBS-1179	<b>b. Napili Wastewater Pump Station No. 3 Modifications</b>	400,000
	Design and construct upgrades (pumps, motors, generators) and required modifications (building, piping, electrical) to the existing pump station.	
CBS-3576	<b>c. Lahaina Wastewater Reclamation Facility R-1 Process Expansion</b>	700,000
	Design and construct flow equalization basins, additional filters, ultraviolet disinfection equipment, and new process channels to handle peak flows at the facility.	
CBS-5548	<b>d. Lahaina Wastewater Reclamation Facility Emergency Generator Replacement</b>	1,000,000
	Design and construct replacement of an emergency generator."	

SECTION 2. New material is underscored.

SECTION 3. This Ordinance shall take effect upon its approval.

APPROVED AS TO FORM AND LEGALITY:

  
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 DAVID A. GALAZIN  
 Deputy Corporation Counsel

DIGEST

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, KIHEI-MAKENA COMMUNITY  
PLAN AREA (KIHEI-MAKENA SEWER EXPANSION)


This bill proposes to amend Ordinance No. 4988, Bill No. 36 (2019), Draft 1, the "Fiscal Year 2020 Budget" of the County of Maui, by amending Appendix C – Capital Improvement Projects, as it pertains to the Department of Environmental Management, by expanding the project description for the Kihei-Makena Sewer Expansion.

I, KATHY L. KAOHU, County Clerk of the County of Maui, State of Hawaii, DO  
HEREBY CERTIFY that the foregoing BILL NO. 20 (2020) was passed on First Reading  
by the Council of the County of Maui, State of Hawaii, on the 7th day of February, 2020,  
by the following vote:

AYES: Councilmembers G. Riki Hokama, Natalie A. Kama, Kelly T. King,  
Michael J. Molina, Tamara A. M. Paltin, Shane M. Sinenci,  
Yuki Lei K. Sugimura, Vice-Chair Keani N. W. Rawlins-Fernandez,  
and Chair Alice L. Lee.

NOES: None.

DATED at Wailuku, Maui, Hawaii, this 13th of February, 2020.

  
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KATHY L. KAOHU, COUNTY CLERK  
COUNTY OF MAUI, STATE OF HAWAII

Copies of the foregoing Bill, in full, are on file in the Office of the County Clerk,  
County of Maui, for use and examination by the public.