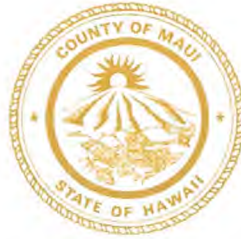


MICHAEL P. VICTORINO  
Mayor  
ERIC A. NAKAGAWA, P.E.  
Acting Director  
SHAYNE R. AGAWA, P.E.  
Deputy Director  
MICHAEL P. RATTE  
Solid Waste Division  
SCOTT R. ROLLINS, P.E.  
Wastewater Reclamation  
Division  
TAMARA FARNSWORTH  
Environmental Protection &  
Sustainability Division



**COUNTY OF MAUI  
DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT**

2050 MAIN STREET, SUITE 2B  
WAILUKU, MAUI, HAWAII 96793

April 16, 2019



OFFICE OF THE  
COUNTY COUNCIL

2019 APR 18 AM 11:18

RECEIVED

Ms. Michele M. Yoshimura   
Budget Director, County of Maui  
200 S. High Street  
Wailuku, HI 96793

APPROVED FOR TRANSMITTAL

Honorable Michael P. Victorino  
Mayor, County of Maui  
200 S. High Street  
Wailuku, HI 96793

  
\_\_\_\_\_  
Mayor  
4/18/19  
\_\_\_\_\_  
Date

For Transmittal to:

Honorable Keani Rawlins-Fernandez  
Chair, Economic Development and Budget Committee  
Maui County Council  
200 S. High Street  
Wailuku, HI 96793

Dear Chair Rawlins-Fernandez:

**SUBJECT: REQUESTS/QUESTIONS FROM THE APRIL 8, 2019 MEETING**  
(EM-13) (EDB-1)

The County is in receipt of the above Economic Development and Budget (EDB) Committee requested information dated April 11, 2019. Councilmember Paltin's request and the corresponding answer is provided below by the Department of Environmental Management (DEM).

- 1. How do we determine what we pay for with General Funds, Sewer Fund, Solid Waste Management Fund, or Environmental Protection and Sustainability Fund?**

Maui County Code determines what revenue and what expenses can be received or paid out for each fund. General Fund appropriations supplement rates & fee revenue

if necessary, to balance each divisions fiscal year budget. Once the General Funds are transferred in each Division's fund, there is no distinguishing of the working budget funding.

SWD was determined by Finance in FY19 to be self-funded. In the case where a Division is self-funded, which means that its revenues are greater or equal to its operating costs, there is no need for General fund subsidy. For the Solid Waste Division, prior to FY19, General funds have historically made up the difference (shortfall) between revenues and expenditures.

With the proposed expansion of services of the added one Sunday per month at Central Maui Landfill, General funds will again be needed to balance the SWD budget unless the rate and fees are increased.

The use of the Sewer fund is for the administration, operation, maintenance, and replacement costs for the County's existing wastewater systems, as well as, CIP projects and debt service related to the wastewater system. Please refer to Maui County Code, Title 14, Sections 14.31.050 Sewer Fund – created and 14.31.060 Sewer fund – account.

**2. In your Administration Program, there was a 161% increase in cell phone and 170% in airfare from FY-18 to FY-19. This increase has continued for FY-20. Please explain. (Details, pg. 5-4)**

The 161% and 170% increase for cell phone and airfare is a comparison of actual expenditures from FY18 and appropriated funding for FY19. The actual expenditures for FY19 are not complete yet because there are a few months left in the fiscal year. The appropriated amounts are generally based off of actual expenditures in previous years. Looking back at FY14-16, during the time of the Initial Director under the Arakawa administration, the average expenditures for cell phone was \$2,762 per year and the average expenditures for airfare was \$12,189 per year, justifying the \$3,000 and \$9,500 appropriations. From FY17-18, the last Director under the Arakawa administration had his own cell phone and electronic devices and chose not to travel as much to conferences

**3. What is included in the "Other Services" for Wastewater Administration (Details, pg. 5-11)**

The Expenditures in "Other Services" for the Wastewater Administration are for Hawaii One Call Center, (a State mandated program to notify utility providers of construction near their assets), collection agencies (collecting delinquent accounts), Permit fees (DLNR, NPDES, DOH, etc.), etc.

**4. Why are FICA/EUTF/OPEB costs listed in Environmental Management but not in other departments? (Budget Bill, pgs. 3-5)**

FICA/EUTF/OPEB costs are listed in Environmental Management because we are a special revenue fund.

**5. What are Administrative Overhead Charges?**

Administrative Overhead Charges are costs to the Department for services provided to us by other Departments like Finance, Council Services, Personnel, etc. Our DEM administration office is also included in these costs.

**6. Please explain \$5,000 for telephone usage for FY-19 and justify for FY-20 for the Wastewater Administration Program. (Details, pg. 5-12)**

This budget fund is to pay for the Shoretel Telephone system.

**7. Please explain water delivery inflation and small tool expense. How many more small tools does this department need?**

**Please explain water delivery inflation:**

Costs for bottled water have grown as we have added bottled water service to additional Wastewater locations that were not previously using this service. (The Collection System baseyard, Kahului, Lahaina and Kihei Treatment Plants and various Central Maintenance sections (Mechanics, Electricians, Admin Support, and Trucking). There are potable and non-potable water lines at the plants and 20 years ago some of the staff claimed there was cross-connections. From then on, water was delivered to the plants.

Finance sets all "inflationary" increases. See attached "Appendix B- Inflationary Factors" that accompanies the budget working papers each year

**Small tool expense. How many more small tools does this department need?**

Wastewater Reclamation Division:

Small tools are purchased by the majority of our Wastewater Operation sections.

- Generally tools are purchased for the new employees in the mechanical and electrical section (initial issue).
- Tools are replaced as they are needed due to breakage and those tools that are worn out from usage.
- As new facility equipment is purchased, i.e., pumps, filters, centrifuges, blowers, etc. "specialty tools" are commonly required to be procured to maintain and repair these items as they are specialized equipment.
- Small tools has a very expansive definition. The mechanics, electricians, plant operators and collection staff use many of the same basic tools (i.e., socket sets, screw drivers, wrenches, etc.), however, these sections also use a lot of very "trade specific" type tools. There is also a large variety of specialized

equipment tools that are required to repair the various assets and equipment used at all of our facilities.

- Small tools will always need to be procured by this department in order to for its employees to work safely and keep the equipment and facilities operating efficiently.

Solid Waste Division:

The SWD has > 100 million dollars in infrastructure and equipment. Amongst the SWD 8 baseyards our total small tool budget is \$13,250. No expansion over FY 19.

“Small tools” are more than screwdrivers and wrenches but also includes power tools, electronic test tools, water & air quality sampling tools, testing probes etc. Newer equipment with computerized engines and electronic controls, also require specialized tools and diagnostic devices that are costly. All of these necessary tools have normal life expectancies and are replaced as needed.

Since the SWD sub contracts out the vast majority of repairs and maintenance currently, our budgeted amount is very small compared to the amount of infrastructure and equipment.

**8. Why did “Miscellaneous Supplies” funds increase substantially?**

Index Code	Sub-Object Code/Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	(+/-) OVER FY 2019 Adopted		FY 2020 Proposed	EXPLANATION OF CHANGES
					Continuation Request	Expansion Request		
919521B	6031 Repairs & Maintenance Supplies	\$210,675	\$165,055	\$220,000			\$220,000	
919521B	6034 Medical & Safety Supplies	\$2,939	\$5,031	\$7,200			\$7,200	
919521B	6035 Miscellaneous Supplies	\$180,271	\$107,048	\$100,000	-\$41,500	\$251,500	\$310,000	
919521B	6037 Office Supplies	\$1,343	\$8,928	\$500			\$500	
919521B	6040 Postage	\$21,757	\$29,000	\$30,000			\$30,000	
919521B	6057 Tires & Tubes	\$81,481	\$20,141	\$100,000			\$100,000	
919521B	6060 Small Equipment - under \$1000	\$703	\$916	\$10,000			\$10,000	
919521B	6112 Contractual Service	\$9,947	\$8,162	\$5,000		\$3,000	\$8,000	Lockbox services
919521B	6122 Freight and Hauling	\$674	\$2,367	\$650			\$650	
919521B	6129 Other Services	\$1,530	\$218	\$5,000			\$5,000	
919521B	6130 Printing & Binding	\$7,978	\$12,862	\$11,000			\$11,000	

With no specific reference for this question – SWD is assuming (based on previous Council focus), our answer references Collections Wailuku Refuse 919521B/6035 for which SWD has previously provided information in two separate responses. (EM-6) (EDB-1) 5. C., and (EM7) (EDB-1) 5. The majority of this increase is to purchase 3000 new carts for three new automated collection routes.

**9. The Council added \$150,000 in appropriation for studies. Please explain why this has been included in the narrative but deleted in the Details. (Narrative, pg. 174/Details, pg. 5-43)**

The explanation of changes in the Narrative is incorrect it contains information from FY19 budget. The Details on page 5-43 contains the correct information for FY20

budget. The \$150,000 appropriation by Council was for the Pump Station Inundation Study and The Injection Well Alternative Study to be completed in Fiscal Year 19 (kickoff meetings occurred in March 2019). The Department did add 2 new studies as shown to be completed in FY20 for a total of \$600,000. These studies will incur higher costs due to the complexity of the project scopes.

Program WASTEWATER OPERATIONS PROGRAM					Sub-Fund Sewer Fund			
Index Code	Sub-Object Code/Description	FY 2017 Actual	FY 2018 Actual	FY 2019 Adopted	(+/-) OVER FY 2019 Adopted		FY 2020 Proposed	EXPLANATION OF CHANGES
					Continuation Request	Expansion Request		
Total	919044B MECHANICAL/ELECTRICAL SYSTEMS	\$4,002,341	\$4,196,692	\$3,532,662	\$400,000	\$0	\$3,932,662	
<b>919046B PUMP STATION INUNDATION STUDY</b>								
919046B	6132 Professional Services			\$100,000	(\$100,000)		\$0	Deletion of Council added appropriation
Total	919046B PUMP STATION INUNDATION STUDY	\$0	\$0	\$100,000	-\$100,000	\$0	\$0	
<b>919048B INJECTION WELL ALTERNATIVE STUDY</b>								
919048B	6132 Professional Services			\$50,000	(\$50,000)		\$0	Deletion of Council added appropriation
Total	919048B INJECTION WELL ALTERNATIVE STUDY	\$0	\$0	\$50,000	-\$50,000	\$0	\$0	
919049B	WAI/KAH WWRF EXPANSION PLAN STUDY							
	6132 Professional Services					\$400,000	\$400,000	Capacity Expansion Study
Subtotal	919049B WAI/KAH WWRF EXPANSION PLAN STUDY		\$0	\$0	\$0	\$400,000	\$400,000	
919040B	CENTRAL MAUI REGIONAL WWRF STUDY							
	6132 Professional Services					\$200,000	\$200,000	Wastewater Study for Waikapu
Subtotal	919040B CENTRAL MAUI REGIONAL WWRF STUDY		\$0	\$0	\$0	\$200,000	\$200,000	
<b>TOTAL</b>	<b>WASTEWATER OPERATIONS PROGRAM</b>	<b>\$14,469,490</b>	<b>\$13,197,503</b>	<b>\$14,959,189</b>	<b>\$253,073</b>	<b>\$600,000</b>	<b>\$15,812,262</b>	

**ENVIRONMENTAL MANAGEMENT COUNTY OF MAUI**  
**Wastewater Operations Program**

**Expansion Budget Request from FY 2019 Adopted Budget Budget Office to Complete**

EXPLANATION OF BUDGET CHANGES	CHANGE AMOUNT	CHANGE E/P
<b>Salaries and Wages</b>		
<b>WAGES AND SALARIES:</b>		
919044A-5101 Regular Wages: Approved expansion position in FY 2019 for a Building Maintenance Repairer I.	\$37,163	1.0
<b>Operations</b>		
<b>SERVICES:</b>		
919046B-6132 Professional Services: Council added appropriation for a pump station inundation study.	\$100,000	
919048B-6132 Professional Services: Council added appropriation for an injection well alternative study.	\$50,000	
<b>Equipment</b>		
<b>MACHINERY AND EQUIPMENT:</b>		
919029C-7039 Maintenance & Repair Equip: Replacement of mechanical & electrical equipment.	\$10,000	
919033C-7039 Maintenance & Repair Equip: Purchase of \$80,000 wash press conveyor, \$125,000 aluminum generator housing, \$5,000 mechanical & electrical equipment, and \$225,000 for three generators.	\$435,000	
919033C-7040 Motor Vehicles: Purchase of Ford F250 truck.	\$30,000	

**10. What will happen to the 2004 Ford Ranger with 117,750 miles and the 1999 Ford Escort with 46,403? (Narrative, pg. 167)**

The vehicles will be traded in if accepted by the dealership. If the vehicle is not accepted then the vehicle will be auctioned or disposed of properly.

**11. The “collection Plan Matrix 7/20/17” can be found where?  
 i. (Narrative, pg. 166)**

The Department of Finance should be able to provide the Full Cost Allocation Plan prepared by the Matrix consulting Group.

**12. Where can we find a breakdown of how “Other Costs” and “Special Projects” funds are intended to be spent?**

*i. (Narrative, pgs. 161, 165, 177)*

Other Cost and Special Projects funds are actually broken down by sub-object code. Please see the attached Appendix A document of Account Codes and Descriptions. Other costs are on page 2-3 and Special Projects are on page 3. This attachment accompanies the budget working papers each year.

**13. Regarding the Glass Recycling Program, what is the glass recycling plan? Could we use these funds to purchase a glass crusher that turns glass into sand? (Narrative, pg. 191)**

The Glass Recovery Program is a state grant program whereby the county enters into agreement with Department of Health (DOH) and passes on those grant funds in equal amounts to the two permitted recycling processors on Maui. These funds subsidize a portion of non-deposit glass recycling. Currently, the technology in question is not a DOH approved recycling method, so would not be eligible for these funds.

SWD: Currently the Solid Waste Division does in fact re-purpose crushed glass at our landfills. There are currently (2) known companies with glass crushers that bring crushed glass in to Central Maui Landfill. This program allows for the use of crushed glass as landfill leveling layer in lieu of purchasing mined cover material. SWD charges \$20/ton for drop off crushed glass

Additional demonstration projects in the future may allow the use of crushed glass for daily cover. There is not a significant amount of crushed glass however coming in at the at the current time however @ 735 tons/year vs. 266,000 tons/yr of total MSW. (0.3% of the total).

**14. Please explain why annual employee appraisals/evaluations are not included as a key goal of the Department.**

Annual employee appraisals/evaluations could be listed under “Goal #3: Provide effective department personnel management”. Staff morale is a high priority for our department and under Goal #3, the third measure covers this by “3. Develop and conduct supervisor leadership and communication development training program to improve leadership and communication skills, and promote overall employee job satisfaction and commitment.”

**15. Please explain why central Maui regional WWRF study and expansion study for Wai/Kah WWRF is not included in Narrative but appears in Details.**

*i. (Narrative, pg. 174/ Details, pg. 5-43/ Index Code 919040B-6132 and 919049B-6232)*

Please refer to question 9.

**16. Please explain how CML remaining years go up from FY-18 actual.**

*i. (Narrative, pg. 180)*

In FY 2019, construction of CML Phase V-B Extension was completed, adding the additional landfill airspace. Projected airspace consumed per year is based on historic airspace used, and is calculated by comparing the changes to yearly 3D mapping topographies.

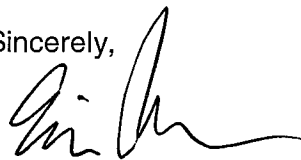
**17. What is the percentage of abandoned vehicles removed with two business days from time the police report is received?**

*i. (Narrative, pg. 187)*

The percentage data is not currently tracked in the current towing contracts, but will be made available in contracts commencing in FY 2020. The majority of vehicles are removed within 2-3 business days after tow orders are issued. Approximately 1750 vehicles were towed in FY2018, averaging 6-7 vehicles towed per day, with about double that number of police reports received and processed per year.

Thank you for the opportunity to provide you with information on this matter. Should you have any questions or concerns, please feel free to transmit them to the Department of Environmental Management via transmittal through the Office of the Mayor.

Sincerely,



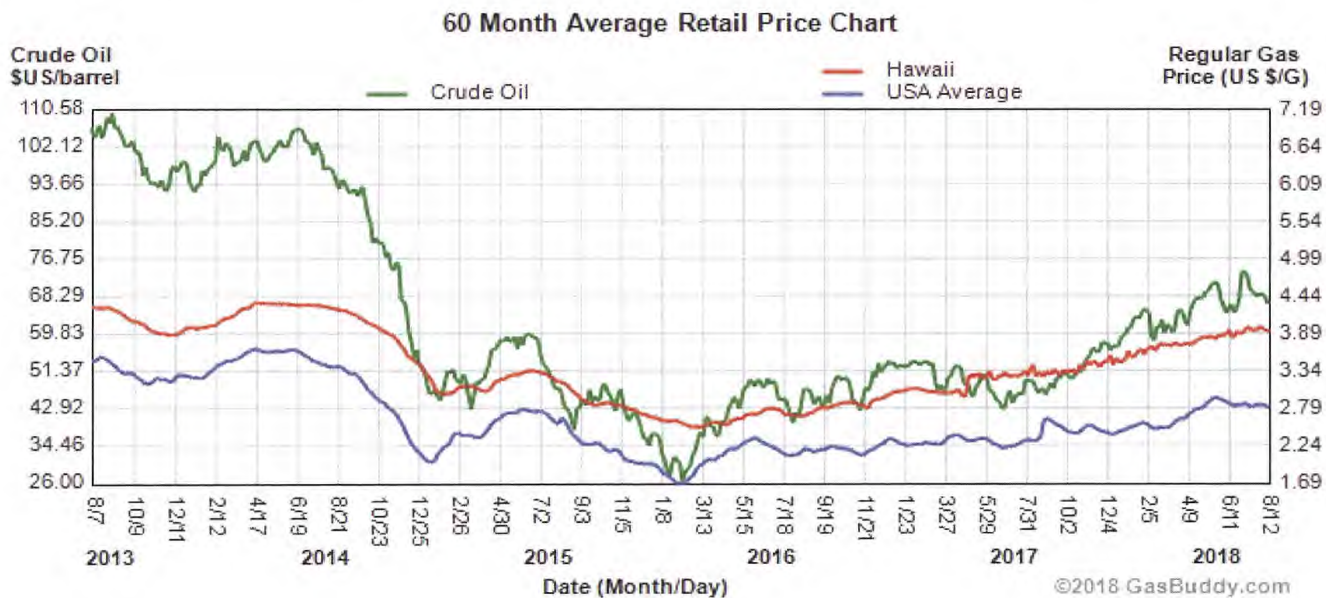
ERIC A. NAKAGAWA, Acting Director  
Department of Environmental Management

**COUNTY OF MAUI  
OFFICE OF THE MAYOR - BUDGET OFFICE  
INFLATIONARY FACTOR**

Section 4  
Appendix B

<u>Item</u>	<u>Sub-Object Code</u>	<u>FY 2020</u>
<u>Water</u>	6178	0.03 *
<u>Sewer</u>	6150	0.03 *
<u>Electricity</u>	6120	0.00 *
<u>Gasoline and Diesel Fuel</u>	6022/6023	0.00 *

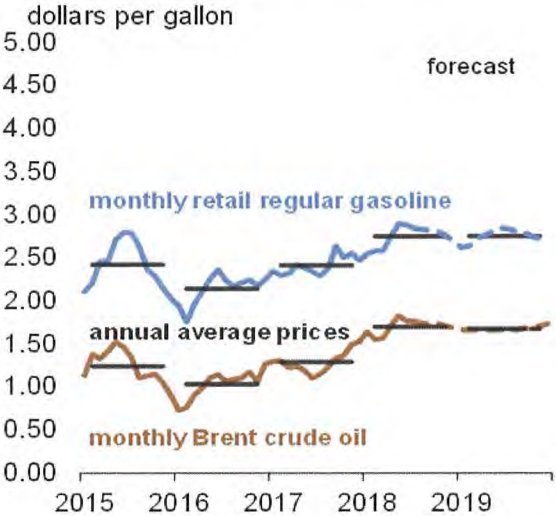
\*Inflationary factors are applied to the adopted budget for FY 2019 for listed sub-object codes. Reductions should be reflected for energy savings measures. Increases other than inflation need to be presented as an expansion.





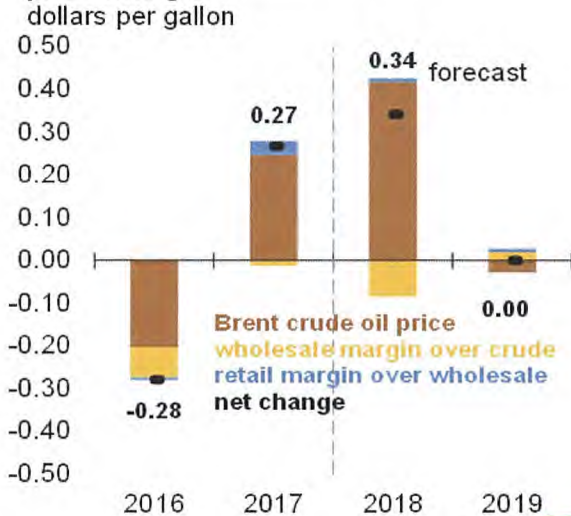
**COUNTY OF MAUI  
OFFICE OF THE MAYOR - BUDGET OFFICE  
INFLATIONARY FACTOR**

**U.S. gasoline and crude oil prices**



Source: Short-Term Energy Outlook, August 2018

**Components of annual gasoline price changes**



**Environmental Management  
Analysis Report**

Electricity

6120

Compounded Rate

0

PROGRAM	INDEX CODE	SUBJECT CODE	Budget Recommendation					Total by Program	
			2017 Actual	2018 Actual	2019 Adopted	2020 Budget Rec	Amount Chng fr 2019 Adopted		
Environmental Mgt Admin Prg	919000B	Environmental Mgmt Admn	6120	\$4,571	\$6,096	\$5,640	\$5,640	\$0	\$0
Wastewater Operations Prg	919033B	Wai/Kah Wastewatr Trmnt Plnt	6120	\$1,410,430	\$1,502,904	\$1,832,047	\$1,832,047	\$0	
Wastewater Operations Prg	919035B	Lahaina WW Treatment Plant	6120	\$1,463,582	\$1,568,850	\$1,732,226	\$1,732,226	\$0	
Wastewater Operations Prg	919037B	Kihei Wastewater Trmnt Plnt	6120	\$1,544,420	\$1,610,585	\$1,719,081	\$1,719,081	\$0	
Wastewater Operations Prg	919039B	Molokai Wastewater Trmnt Plnt	6120	\$81,522	\$83,795	\$99,777	\$99,777	\$0	
Wastewater Operations Prg	919041B	Lanai Wastewater Trmnt Plant	6120	\$6,027	\$7,080	\$6,735	\$6,735	\$0	\$0
Solid Waste Administration	919500B	Solidwaste Administration	6120	\$0	\$0	\$108	\$108	\$0	\$0
Solidwaste Operations Prg	919509B	Disposal Central Landfill	6120	\$45,850	\$46,704	\$52,051	\$52,051	\$0	
Solidwaste Operations Prg	919513B	Operations Molokai	6120	\$5,972	\$6,501	\$7,642	\$7,642	\$0	
Solidwaste Operations Prg	919521B	Collections Wailuku Refuse	6120	\$6,145	\$6,333	\$7,968	\$7,968	\$0	
Solidwaste Operations Prg	919524B	Collections Lahaina Refuse	6120	\$0	\$0	\$6,000	\$6,000	\$0	
EP&S Program	919725B	EP&S Administration	6120	\$0	\$0	\$3,072	\$3,072	\$0	\$0
EP&S Program	919871B	EP & S Solid Waste Alternative	6120	\$2,344	\$2,851	\$0	\$0	\$0	\$0

**Environmental Management  
Analysis Report**

Sewer charges

6150

Compounded Rate

0.03

**PROGRAM**  
Solidwaste Operations

**INDEX  
CODE**  
919515B Operations Lanai Landfill

**SUBJECT  
CODE**  
6150

		<u>Budget Recommendation</u>					
2017	2018	2019	2020 Budget	Amount Chng fr		Total	
Actual	Actual	Adopted	Rec	2019 Adopted		by Program	
\$0	\$0	\$1,465	\$1,509	\$44		\$44	

**Environmental Management  
Analysis Report**

Water delivery charges 6178

Compounded Rate

0.03

PROGRAM	INDEX CODE	SUBJECT CODE	2017 Actual	2018 Actual	2019 Adopted	Budget Recommendation		Total by Program	
						2020 Budget Rec	Amount Chng fr 2019 Adopted		
Wastewater Administration Prg	919005B	Wastewater Administration	6178	\$0	\$46	\$0	\$0	\$0	\$0
Wastewater Operations Prg	919021B	Wastewater Operation Admnist	6178	\$1,512	\$1,250	\$1,715	\$1,766	\$51	
Wastewater Operations Prg	919029B	Collection System	6178	\$232	\$459	\$379	\$390	\$11	
Wastewater Operations Prg	919033B	Wai/Kah Wastewatr Trmnt Plnt	6178	\$16,411	\$14,214	\$20,711	\$21,332	\$621	
Wastewater Operations Prg	919035B	Lahaina WW Treatment Plant	6178	\$27,120	\$28,147	\$29,635	\$30,524	\$889	
Wastewater Operations Prg	919037B	Kihei Wastewater Trmnt Plnt	6178	\$20,656	\$13,485	\$23,201	\$23,897	\$696	
Wastewater Operations Prg	919039B	Molokai Wastewater Trmnt Plnt	6178	\$24,480	\$10,762	\$26,664	\$27,464	\$800	
Wastewater Operations Prg	919041B	Lanai Wastewater Trmnt Plant	6178	\$217	\$323	\$179	\$184	\$5	
Wastewater Operations Prg	919044B	Mechanical/Electrical Systems	6178	\$49,220	\$0	\$0	\$0	\$0	\$3,075
Solidwaste Operations Prg	919509B	Disposal Central Landfill	6178	\$2,514	\$2,726	\$8,393	\$8,645	\$252	
Solidwaste Operations Prg	919511B	Disposal Hana Landfill	6178	\$4,304	\$4,327	\$3,772	\$3,885	\$113	
Solidwaste Operations Prg	919513B	Operations Molokai	6178	\$761	\$953	\$948	\$976	\$28	
Solidwaste Operations Prg	919515B	Operations Lanai Landfill	6178	\$1,664	\$1,436	\$1,787	\$1,841	\$54	\$447
EP&S Program	919730B	EP & S Recycling	6178	\$0	\$0	\$1,886	\$1,943	\$57	
EP&S Program	919871B	EP & S Solid Waste Alternatives	6178	\$1,983	\$689	\$0	\$0	\$0	\$57

**Environmental Management  
Analysis Report**

Gasoline, Diesel, Oil, etc. 6022  
Gas/Diesel/Oil Interfund 6023

Compounded Rate

0

PROGRAM	INDEX CODE	SUBJECT CODE	2017 Actual	2018 Actual	2019 Adopted	Budget Recommendation		Total by Program	
						2020 Budget Rec	Amount Chng fr 2019 Adopted		
Wastewater Admin Prg	919005B	Wastewater Administration	6023	\$535	\$824	\$568	\$568	\$0	
Wastewater Admin Prg	919007B	WW Pretreatment	6023	\$2,333	\$2,983	\$2,735	\$2,735	\$0	
Wastewater Admin Prg	919009B	WW Effluent Reuse	6023	\$329	\$740	\$473	\$473	\$0	\$0
Wastewater Operations Prg	919021B	Wastewater Operation Admnist	6022	\$67,395	\$32,203	\$67,631	\$67,631	\$0	
Wastewater Operations Prg	919021B	Wastewater Operation Admnist	6023	\$839	\$551	\$603	\$603	\$0	
Wastewater Operations Prg	919029B	Collection System	6022	\$156	\$148	\$281	\$281	\$0	
Wastewater Operations Prg	919029B	Collection System	6023	\$26,246	\$27,810	\$28,782	\$28,782	\$0	
Wastewater Operations Prg	919033B	Wai/Kah Wastewatr Trmnt Plnt	6022	\$3,282	\$321	\$1,207	\$1,207	\$0	
Wastewater Operations Prg	919033B	Wai/Kah Wastewatr Trmnt Plnt	6023	\$4,216	\$4,072	\$5,475	\$5,475	\$0	
Wastewater Operations Prg	919035B	Lahaina Ww Treatment Plant	6022	\$71	-\$7,049	\$6,733	\$6,733	\$0	
Wastewater Operations Prg	919035B	Lahaina Ww Treatment Plant	6023	\$22,447	\$12,866	\$19,283	\$19,283	\$0	
Wastewater Operations Prg	919037B	Kihei Wastewater Trmnt Plnt	6022	-\$29,018	-\$2,721	\$15,773	\$15,773	\$0	
Wastewater Operations Prg	919037B	Kihei Wastewater Trmnt Plnt	6023	\$619	\$0	\$460	\$460	\$0	
Wastewater Operations Prg	919039B	Molokai Wastewater Trmnt Plnt	6022	\$0	\$83	\$25	\$25	\$0	
Wastewater Operations Prg	919039B	Molokai Wastewater Trmnt Plnt	6023	\$4,129	\$4,852	\$4,579	\$4,579	\$0	
Wastewater Operations Prg	919041B	Lanai Wastewater Trmnt Plant	6022	\$87	\$46	\$258	\$258	\$0	
Wastewater Operations Prg	919041B	Lanai Wastewater Trmnt Plant	6023	\$3,497	\$4,007	\$4,188	\$4,188	\$0	
Wastewater Operations Prg	919044B	Mechanical/Electrical Systems	6022	\$783	\$6,346	\$840	\$840	\$0	
Wastewater Operations Prg	919044B	Mechanical/Electrical Systems	6023	\$26,722	\$30,542	\$27,047	\$27,047	\$0	\$0
Solid Waste Administration	919500B	Solidwaste Administration	6023	\$652	\$661	\$871	\$871	\$0	\$0
Solidwaste Operations	919509B	Disposal Central Landfill	6022	\$259,476	\$260,712	\$299,685	\$299,685	\$0	
Solidwaste Operations	919509B	Disposal Central Landfill	6023	-\$390	\$540	\$0	\$0	\$0	
Solidwaste Operations	919511B	Disposal Hana Landfill	6022	\$19,200	\$16,023	\$19,646	\$19,646	\$0	
Solidwaste Operations	919511B	Disposal Hana Landfill	6023	\$2,032	\$1,504	\$2,160	\$2,160	\$0	
Solidwaste Operations	919513B	Operations Molokai	6022	\$3,088	\$0	\$3,732	\$3,732	\$0	
Solidwaste Operations	919513B	Operations Molokai	6023	\$53,973	\$46,314	\$60,211	\$60,211	\$0	
Solidwaste Operations	919515B	Operations Lanai Landfill	6022	\$29,479	\$31,908	\$33,414	\$33,414	\$0	
Solidwaste Operations	919515B	Operations Lanai Landfill	6023	\$7,532	\$5,812	\$10,048	\$10,048	\$0	
Solidwaste Operations	919521B	Collections Wailuku Refuse	6022	\$848	\$0	\$1,690	\$1,690	\$0	
Solidwaste Operations	919521B	Collections Wailuku Refuse	6023	\$139,343	\$162,816	\$168,818	\$168,818	\$0	

**Environmental Management  
Analysis Report**

Gasoline, Diesel, Oil, etc. 6022  
Gas/Diesel/Oil Interfund 6023

PROGRAM	INDEX CODE	SUBJECT CODE	2017 Actual	2018 Actual	2019 Adopted	Budget Recommendation		Total by Program	
						2020 Budget Rec	Amount Chng fr 2019 Adopted		
Solidwaste Operations	919523B	Collections Makawao Refuse	6022	\$1,047	\$0	\$4,917	\$4,917	\$0	
Solidwaste Operations	919523B	Collections Makawao Refuse	6023	\$95,631	\$112,717	\$120,430	\$120,430	\$0	
Solidwaste Operations	919524B	Collections Lahaina Refuse	6022	\$844	\$0	\$1,071	\$1,071	\$0	
Solidwaste Operations	919524B	Collections Lahaina Refuse	6023	\$16,106	\$16,279	\$34,059	\$34,059	\$0	
Solidwaste Operations	919567B	SW Construction & Demo	6022	\$0	\$31,989	\$26,131	\$26,131	\$0	
Solidwaste Operations	919569B	Curbside Recycling Pilot	6023	\$6,917	\$9,903	\$4,150	\$4,150	\$0	\$0
EP&S Program	919730B	EP& S Recycling	6023	\$0	\$0	\$1,163	\$1,163	\$0	
EP&S Program	919871B	EP & Solid Waste Alterna	6023	\$372	\$286	\$0	\$0	\$0	\$0

Character Code	Character Description	Obj Code	Object Description	Sobj Code	Subobject Description
60	Operations	600	Operating expense	6000	Operating Expenses
				6387	Other post employment benefits
		601	MATERIALS & SUPPLIES	6001	Agricultural Supplies
				6002	Police ammunitions/target
				6004	Athletic supplies
				6005	Auto Parts
				6006	Auto plates & tags
				6010	Chemical & Other Filter Supp
				6011	Code books
				6012	Construction Materials
				6013	Water Meter Inventory
				6014	Stores inventory expense
				6015	Diesel
				6016	Electrical parts & supplies
				6017	Engineering Supplies
				6018	Y2K/drought/system failures
				6019	Stores Inventory Gas & Oil
				6020	Film & Camera Supplies
				6022	Gasoline, Diesel, Oil, etc.
				6023	Gas/dies/oil interfund
				6024	Janitorial Supplies
				6025	Laboratory Supplies
				6027	Law books
				6030	Mach & Equip Replacement Parts
				6031	Repairs & Maintenance Supplies
				6033	Meter Replacement Expenses
				6034	Medical & Safety Supplies
				6035	Miscellaneous Supplies
				6036	Police motor pool supplies
				6037	Office Supplies
				6039	Paint & painting supplies
				6040	Postage
				6047	Road Patching Materials
				6051	Safety Supplies
				6052	Small Tools
				6057	Tires & Tubes
				6059	Traffic signs
				6060	Small Equipment - under \$1000
				6071	Copier Supplies
				610	SERVICES
		6103	Audit services		
		6107	Cesspool pumping		
6108	Codification expenses				
6109	Collection Fees				
6110	Computer Services				
6112	Contractual Service				
6115	Cr card late fees/fin chgs				
6118	Film processing				
6119	Engineering services				
6122	Freight and Hauling				
6124	Janitorial Services				
6125	Maintenance agreements				
6126	Maintenance Contracts				

Character Code	Character Description	Obj Code	Object Description	Sobj Code	Subsubject Description
				6127	Laboratory Services
				6128	Operating power -warning siren
				6129	Other Services
				6130	Printing & Binding
				6132	Professional Services
				6133	Bank charges
				6134	Refuse collection fees
				6135	Repairs & maint. buildings
				6136	Repairs/maintenance grounds
				6137	R & M Machinery/Equipment
				6138	R & M - Services/Contracts
				6139	Repairs & Maintenance - Others
				6140	R&M Retirement Wk in Progress
				6141	R&M - Work in Progress-Others
				6142	Repairs/Maintenance Tanks DWS
				6143	Repairs & Maintenance-Vehicles
				6144	Repair & Maintenance - Pumps
				6145	Security alarms services
				6146	Security services
				6150	Sewer charges
				6155	Towing Charges
				6160	Transportation services
		611	<b>UTILITIES</b>	6120	Electricity
				6152	Cellular telephone
				6154	Telephone
				6178	Water delivery charges
		615	<b>TRAVEL</b>	6201	Airfare, Transportation
				6202	Mileage Non-Reportable
				6204	Mileage & Allow Rptble Non-Tax
				6222	Per Diem Non-Reportable
				6223	Per Diem Reportable Non-Taxabl
				6226	Per Diem S/D/T Taxable
				6252	Per Diem Reportable Taxable
				6254	Excess Mileage Reimbursement
		620	<b>OTHER COSTS</b>	6207	Confidential
				6212	Dues
				6214	Housing assistance payments
				6215	Insurance
				6217	Gun allowance
				6218	Meal Allowance
				6219	Meals program
				6220	Moving Expenses
				6221	Miscellaneous Other Costs
				6224	Physical Examinations
				6225	Publications & Subscriptions
				6229	SHOPO allowance, hsg/trvl/mile
				6230	Registration/Training Fees
				6231	Rental of Building
				6233	Rental of machinery & equipmnt
				6234	Rental of office equipment
				6235	Rentals
				6236	Rental of vehicles
				6238	Abandoned vehicle storage faci



Character Code	Character Description	Obj Code	Object Description	Sobj Code	Subobject Description
				6240	Retirement & Service Awards
				6244	Computer Software
				6246	Board Costs
				6250	Training Fees/Seminars
				6255	Uniform Allowance
				6260	Workers Compensation
				6273	Safety Program
				6278	Conservation Program
				6279	Asset adjustments loss/overage
				6313	Claims,Settlements,Judgements
				6317	County grant subsidy
				6318	County contribution
				6355	Pool exercise
				6365	Recreation programs
		630	<b>Budgeted Expenditures</b>	6312	Post election expenses
				6316	County matching funds
				6319	Special election expenses
				6351	DWS-Transfer Fringe Credit
		631	<b>Interest Expense</b>	6334	Interest chgd to construction
		634	<b>Interfund Cost Reclassificatio</b>	6275	Fringes, payroll
				6314	Social Security - FICA
				6320	Hawaii Employer-Union Trust Fd
				6349	Overhead/admin for grants
				6350	Overhead Charges/Admin Cost
				6370	Retirement System Charges
				6383	OPEB contributions
				6385	Retirees Fringe Benefits
		639	<b>NON BUDGETED EXPENDITURES</b>	6390	Depreciation Expense
				6391	Bad Debt Expense
				6392	Amortization Debt Disc/Expense
				6393	Amortization of Bond Premium
				6394	Amortization Loss Early Rtrmt
		640	<b>SPECIAL PROJECTS</b>	6400	Grant appropriations
				6406	Employees awards program
		653	<b>OTHER COSTS</b>	6388	REFUND FOR MAINLINE EXTENSION
65	Countywide expenditures	650	<b>FRINGE BENEFITS, EMPLOYEE WELF</b>	6502	Social security taxes - FICA
				6504	Workers compensation payments
				6506	TDI
		651	<b>PENSIONS</b>	6511	Municipal & county
				6512	Policemen, firemen, bandsmen
		652	<b>OTHER EMPLOYEE WELFARE</b>	6521	Contribution to retire sys
				6522	Employers share EUTF
				6523	Unemployment compensation
		653	<b>OTHER COSTS</b>	6527	Advertisement
				6528	Air fare, transportation
				6529	Auto allowance, mileage
				6532	Centralized postage
				6533	Centrex telephone system
				6534	Copy machine expenses
				6535	Insurance premiums
				6537	Miscellaneous Other Costs
				6538	Special assessment - w/c
				6539	Permanent total disability

Character Code	Character Description	Obj Code	Object Description	Sobj Code	Subsubject Description
				6544	Permanent partial disability
				6546	Temporary total disability
				6547	Temporary partial disability
				6548	Death
				6549	Disfigurement
				6550	Terminal pay, salary adjustmnt
				6556	Vocational rehabilitation
				6558	Settlements & judgements
				6559	Rentals
		655	<b>MATERIALS &amp; SUPPLIES</b>	6542	Medical supplies
				6551	Repairs & Maintenance Supplies
		656	<b>SERVICES</b>	6560	Contractual services
				6561	Case management
				6564	Investigative services
				6566	Repairs & maintenance
				6568	Professional Services
68	Debt service	631	Interest Expense	6322	INTEREST 2004A GO REFUNDING
				6323	INTEREST 2005B GO BONDS
				6326	Interest 1993 GO Refunding Bd
				6327	Interest-1996 Meter Rpl Prg
				6329	Interest 1998 GO Bond
				6330	INTEREST-STATE REV LN FUND '00
				6331	Interest 2002 GO Refunding
				6332	Interest 2003 GO Refunding
				6333	INTEREST-STATE REV LN FUND '07
				6335	INTEREST-2008 GO BOND
				6337	INTEREST-2010 GO BOND
				6338	INTEREST-STATE REV LN-NAPILI
				6339	INTEREST-STATE REV LN-KAMAOLE
				6346	INTEREST - 2011 BOND
				6347	INTEREST - SRF 2010/2011
		632	Debt Service	6295	PRINCIPAL-2010 GO BOND
				6296	PRINCIPAL 2008 GO REFUNDING
				6297	PRINCIPAL - 2011 BOND
				6298	PRINCIPAL - SRF 2010/2011
				6299	PRINCIPAL-SRF NAPILI WELL A
				6301	PRINCIPAL-2004A GO REFUNDING
				6302	PRINCIPAL-2005B GO REFUNDING
				6303	PRINCIPAL-2008 GO BOND
				6304	Principal - 1993 GO Refund DDS
				6305	Principal-1996 Meter Rpl Prg
				6306	PRINCIPAL-STATE REV LN FND '07
				6307	Principal-1998 GO Bond
				6309	PRINCIPAL-STATE REV LN FND '00
				6310	Principal 2002 GO Refunding
				6311	Principal 2003 GO Refunding
				6342	PRINCIPAL-MAKAWAO WTRLNE
				6343	PRINCIPAL-STATE REV LN-KAMAOLE
		682	Interest and issuance costs	6530	Bond issuance costs
				6531	Bond destruction
				6545	Interest costs
		684	Principal	6541	Principal payments
70	Capital outlay	700	Capital outlay	7000	Capital outlay

Character Code	Character Description	Obj Code	Object Description	Sobj Code	Subobject Description
		710	LAND	7003	Leased land
				7004	Purchased land
		711	BUILDINGS	7010	Building
		712	LEASEHOLD IMPROVEMENTS	7012	LEASEHOLD IMPROVEMENTS
		713	MACHINERY & EQUIPMENT	7029	Budgeted capital expenditures
				7030	Communication Equipment
				7031	Computer Equipment
				7032	Software Programs
				7033	Education/instructional equip
				7035	Fire equipment
				7036	Furniture/Fixtures
				7037	Golf course equipment
				7039	Maintenance & Repair Equip
				7040	Motor Vehicles
				7042	Office Equipment
				7043	Office Furniture
				7044	Other Equipment
				7045	Bus-transportation
				7046	Parks maintenance equipment
				7047	Recreational equipment
				7048	Rescue equipment
				7051	Security equipment
				7053	Utility Plant Equipment
				7055	Vessel and marine equipment
		714	LEASE PURCHASES	7105	Leased office equipment
		719	CIP Expenditure	7190	CIP expenditures
75	Transfers out	750	General Fund	7510	General fund
		751	Special Revenue Funds	7511	Special revenue funds
		754	Other Governmental Funds	7541	County Funds
				7542	Bikeway Fund
				7543	Solid Waste Fund
		755	Proprietary Funds	7515	Proprietary funds
50	Salaries and wages	510	WAGES & SALARIES	5101	Regular Wages
				5105	Wages Non-Payroll
		520	OTHER PREMIUM PAY	5201	Emergency call back
				5203	Hazardous pay
				5204	Night differential
				5205	Overtime
				5206	Standby
				5207	Temporary assignment
				5208	Others
				5209	Vacation pay
				5215	Premium pay
				5220	Overtime reimbursement
				5250	Salary adjustments
		530	FRINGES	5301	Administrative services