

BOARD OF WATER SUPPLY of the COUNTY OF KAUA'I

## FINANCE COMMITTEE MEETING

Second Floor, Microbiology Lab Bldg  
Kauai County Department of Water  
4398 Pua Loke Street, Lihu'e, Kauai, Hawaii 96766

**MONDAY, JULY 22, 2013**

***Recessed to Reconvene on July 25, 2013***

**9:00 a.m.**

## AGENDA

1. CALL TO ORDER
2. ROLL CALL
3. ACCEPTANCE OF AGENDA
4. ACCEPTANCE OF MINUTES
5. OLD BUSINESS  
FY 2013 – 2014 Capital Improvement Project (CIP) Budget
6. NEW BUSINESS
7. ADJOURNMENT

# DEPARTMENT OF WATER

County of Kaua'i

*"Water has no Substitute – Conserve It!"*

## REPORT TO THE FINANCE COMMITTEE

July 25, 2013 (*reconvened from Finance Committee Meeting 7-22-13*)

Re: 2014 Capital Budget

**RECOMMENDATION** for approval of the proposed capital budget with changes for debt service as noted in conjunction with the needs assessment done thru the Facilities Reserve Charge (FRC) Study, that the debt financed FRC projects be serviced by the FRC fund and not thru our Water Utility Fund and recognize the FRC credit as developed in the FRC study.

### **BACKGROUND:**

There has not been a consistent policy regarding how deficits are dealt with and how they are paid. This has resulted in some confusion among the staff on how to deal with this issue. In order to bring clarity, understanding and uniformity to this important matter we would like the committee to be aware of and try to resolve sources of the inconsistency.

There are two sources of revenue the Board of Water supply (BWS) receives Water Utility fund revenues and the FRC fee or impact fee revenue. The two revenue sources are used for different costs. The water utility revenues are used to operate, maintain and replace existing system. By state law the FRC revenue which is an impact fee and guided by state law requires that those funds be spent for the purpose collected. As a side note the PUC does not allow regulated utilities to take rate payer money to expand the system. They are allowed to use profits to expand the system. Since we operate on a non-profit basis, we should not have excess funds with which the system can be expanded. The rate studies the Board hired as its consultant knows and understands this issue and follows the state laws in its recommendations. With this understanding there is an unwritten principle by which the KBWS is guided it has a terms used by American Water Works Association (AWWA) and it is called the "User Pay" principle.

The following proposals assume the Board follows the "User Pays" principle. By following this principle we are also in line with PUC regulations on the issue of financing system expansion except for distribution line. This is more complicated and will have to be dealt with at a later date. The principle in simplest terms is "Those who put additional demand on the system will pay DOW's cost to build additional system or replace what has been used." By state law these new users of the system have their fees reduced, or a credit is given, by the present worth of current system debt not related to expansion and the amount of system deficit that must be made up. This reduction in the fee means that the fund from which expansion projects are paid from is shorted by the reduction in the fee.

There are a couple of ways to make up this shortage:

1. All the rate payers, including the new ones, which benefit from the new users coming on the system, must make up the reduction due to state required credit in the expansion costs with a transfer of the credit amount from the water utility fund to the expansion fund.

2. Charge the full fee and reduce the water rate so it does not include the debt service and deficit make up.

Since state law directs the water boards on how this is to be handled we are practically left with one method to keep the fund whole. From 2004 when the current FRC has been charged this credit of \$1040 per meter transfer has not occurred. Not only has this not occurred, this issue is not covered in the water rates in both the 2006 and 2011 rate studies. This should be dealt with in the next rate study. Keeping the expansion fund whole is important as any shortage results in system shortages called deficits or meter restrictions. Another nuance of the "User Pay" principle is debt taken on to finance expansion related projects.

Some projects from the 2004 FRC study were debt financed. Some of the projects were to make up system deficits and some portion of the same project was to provide additional system capacity. In addition some projects included in the 2013 FRC fee study are debt financed and some are cash financed. The assumption is that 10% of the total \$240 million in expansion projects will be debt financed. This 10% amounts to \$24 million. To go forward with a clear picture of what we are doing and what is expected by the Board is necessary for future consistency and staff understanding of what the Board policies are.

Lacking that policy at this time we still need to make a recommendation on the 2014 budget. What we have done in the schedules below is assume projects in the 2004 FRC study that were debt financed are paid at the same ratio for growth listed in the study for the FRC or impact fees. This will carry forward with future debt for expansion when the Board approves the 2013 FRC study.

Debt payments for system growth are, whatever the source of funding, required regardless of whether the system grows or not. This requirement is based on the debt covenants approved by the Board in order to obtain the principle amounts borrowed. Should the Board want to issue more debt in the future, interest rates are determined in part by actions taken with current debt. The people and institutions which buy bonds or loan the Kaua'i Department of Water (KDOW) money expect to be repaid. It is not difficult to track and account for the costs, it is just important that a set of standards be followed so there is consistency going forward.

The projects as attached were identified as Capital Improvement Projects (CIP) referred to as Expansion Projects. Please do not be confused with county projects all of which are called CIP the DOW CIP is expansion related only.

A column for FRC% was determined to establish the FRC allocation for debt financed or water utility funded FRC projects by using the source & storage capacity tables from the 2004 FRC Study and 2013 draft FRC study which identified the corresponding growth percentage allocable to expansion projects.

Using these tables for consistency, the totals below represent the sources of the debt financed FRC projects as follows:

SRF LOANS	-	\$ 7,679,391
2005 Bonds	-	914,032
2010 BAB	-	<u>8,932,680</u>
TOTAL		<u>\$17,526,103</u>

Please note that although BAB funded only \$8,932,680 of total FRC projects to date, 30% of \$60M debt was committed to FRC projects, thus 30% was used in the FRC allocation which equals to \$18M worth of FRC projects.

In proportion to the FRC projects over the corresponding loans that were used to finance the same projects, total loan fee and interest payments as of FY 2013 amounts to \$3,685,755 while FRC fund reimbursements to Water Utility Fund has a total of \$ 3,939,011.

In the 2004 FRC study, an FRC credit amount of \$1,040 per 5/8 inch meter was developed for the amount of water rate revenue that a new customer would pay over a 20 year period of debt service payments on existing facilities. It is recommended that this credit be factored in as a credit in calculating the remainder of unreimbursed FRC debt financed projects.

Using our Maintenance Prevention Evaluation Technique (MPET) database, a total of 1,882 new meter installations were accounted for thus the equivalent of \$1,957,280 FRC credit. It is assumed these are all 5/8" meters which they may not be.

In conjunction with the needs assessment done thru the FRC Study, it is recommended that the debt financed FRC projects be serviced by the FRC fund and not thru our Water Utility Fund and recognize the FRC credit as developed in the FRC study.

Following this recommendation will provide consistency with what has happened with current expansion debt and will provide guidance for future expansion debt and will not result in a complete drawdown of the FRC balance by the end of this fiscal year.

Respectfully submitted,



Marites Yano  
Waterworks Controller

Concurred:



David R. Craddick, P.E., C.E.M.  
Manager and Chief Engineer

MY:ein

Finance Committee Report (*reconvened 7-25-13*):ein

Attachments: FRC Debt Service Worksheets (4)

Table 1

<b>TOTAL FRC PROJECTS FUNDED FROM WATER UTILITY AND BOND FUND</b>				<b>17,526,103.37</b>
WU Fund - DSR PAYMENTS TO DATE - Loan Fee & Interest				
KW-42	DW 400-0001 Total Stable Tank and Pipeline	85%	727,348	618,245.76
KW-11	DW 406-0001 Total (862,883 @ 75%) Kapilimau Well	17%	261,963	44,533.70
KW-25	DW 406-0003 Total Kapilimau Tank	85%	284,731	242,021.05
PLH-02	DW 410-0001 Total Kokolau Tunnel	0%	636,968	-
WK-21	DW 413-0002 Total Wailua Homestead Well #4?? or 3	0%	96,495	-
WK-03	DW 413-0006 Total (2,305,093@ 33%) 16" Transmission Line Coco Palms	0%	403,626	-
	2010 BAB	30%	8,332,624	2,499,787
	2005 BOND	27%	1,041,360	281,167.20
TOTAL WU Fund - DSR PAYMENTS TO DATE - Loan Fee & Interest				<u>3,685,755</u>
TOTAL				<u>21,211,858</u>
W/U - Reimbursements from FRC				
	FY 2010		284,622	
	FY 2011		58,516	
	FY 2012		1,989,115	
	FY 2013		1,606,758	<u>(3,939,011)</u>
<b>FRC PROJECTS UNREIMBURSED TO DATE</b>				<b>17,272,847.16</b>
<b>FRC CREDIT PER METER INSTALLED FROM 2004 FRC STUDY 1,882 @ \$1,040 (DATA FROM MPET REPORT OF METERS INSTALLED)</b>				<b><u>-1,957,280.00</u></b>
<b>UNREIMBURSED PRINCIPAL, FY 2013</b>				<b>15,315,567.16</b>
FY 2014 budget			2,495,227	
Principal Payment allocation (net of 2014 DSR, see table 3)			(1,207,670)	<u>1,287,557</u>
<b>UNREIMBURSED PRINCIPAL, FY 2014</b>				<b><u>14,028,010</u></b>

Table 2

SRF LOAN NO.	PROJECTS FUNDED:	TOTAL	DESING ALLOW	FRC	BONDS	WATER UTILITY	FRC %	FRC ALLOCATION
DW 400-0001	DESIGN ALLOWANCE	359,182	359,182				85%	305,304.70
DW 400-0001	Job WK-42 STABLE 1.0 MG TANK & CONNECTING PIPELINE PHASE I (WATERLINE D-1) WATERLINE ALONG KAEHULUA ROAD AND JOB NO. 04-02, WK-14, PHASE 1 (WATERLINE B) WATERLINE ALONG APOPO ROAD	1,565,661				1,565,660	85%	1,330,811
DW 400-0001	PHASE II, OFFSITE WATERLINE ALONG KAAPUNI ROAD FOR STABLE TAK,	3,395,740				3,395,739	85%	2,886,378.01
DW 400-0001		1,954,418		1,954,417			-15%	(293,163)
DW 400-0001 Total		7,275,001	359,182	1,954,417		4,961,399	85%	4,229,331
DW 406-0001	JOB 96-4 KAPILIMAO VALLEY WELL, PHASE 2B, KEKAHA	862,883	63,521		453,868	345,494	17%	146,690
DW 406-0001 Total		862,883	63,521		453,868	345,494	17%	146,690
DW 406-0003	KW-25 JOB NO. 05-03 KAPILIMAO 0.5 MG STORAGE TANK	3,886,319				3,886,318	85%	3,303,370
DW 406-0003 Total		3,886,319	-	-		3,886,318	85%	3,303,370
DW 410-0001	JOB 97-1 DAMAGE REPAIRS TO KOKOLAU TUNNEL	1,549,917				1,549,916		
DW 410-0001	JOB 97-1 DAMAGE REPAIRS TO KOKOLAU TUNNEL	343,919				343,918		
DW 410-0001 Total		1,893,836	-	-		1,893,834	100%	-
DW 413-0002		63,000		63,000		-		-
DW 413-0002		370,483		370,483		-		-
DW 413-0002 Total		433,483	-	433,483		-		-
DW 413-0006	WK-03 JOB 97-11 16" WATERLINE REPLACEMENT ALONG KUHIO HWY, FROM LEHO DRIVE TO NORTH PAPALOA ROAD, WAILUA (CON 330)	149,900			17,350	132,550		-
DW 413-0006	WK-03 JOB 97-11 16" WATERLINE REPLACEMENT ALONG KUHIO HWY, FROM LEHO DRIVE TO NORTH PAPALOA ROAD, WAILUA (CON 446)	3,801,224			1,467,131	2,334,093		-
DW 413-0006	WK-03 JOB 97-11 16" WATERLINE REPLACEMENT ALONG KUHIO HWY, FROM LEHO DRIVE TO NORTH PAPALOA ROAD, WAILUA (CON 454)	198,721			-	198,721		-
DW 413-0006 Total		4,149,845	-		1,484,481	2,665,364	noI	-
<b>SRF LOAN, Total</b>		<b>18,501,367</b>	<b>422,703</b>	<b>2,387,900</b>	<b>1,938,349</b>	<b>18,713,807</b>		<b>7,679,391</b>
<b>2005 Bond Proceeds</b>								
	Job HE-11, Lele road to Salt Pond road, 6 inch Main Replacement	143,624.20			143,623			0
	Job WK-08 & WK-15, Kapaa Homesteads Tank & Hardening Shelters @ Mak	2,707,248.58			2,707,248		21%	568,522
	Job 02-14, Kapaa Homesteads .5MG Tank and Kapahi 1.0MG Tank	152,353.54			152,353		82%	124,929
	Job 02-02, Omao .5MG Tank & Connecting Pipeline	401,057.43			401,056		55%	220,581
<b>2005 Bond Proceeds, Total</b>		<b>3,404,284</b>			<b>3,404,280</b>			<b>914,032</b>
<b>2010 BAB Bonds (30% of Proceeds) see table 4</b>		<b>60,000,000.00</b>			<b>60,000,000.00</b>			<b>8,932,679.87</b>

TOTAL FRC PROJECTS FUNDED FROM WATER UTILITY AND BOND FUND

17,526,103.37

Table 3

**DEPARTMENT OF WATER**  
**5 YEAR Debt Service SCHEDULE**  
**FOR FISCAL YEARS ENDING 2014 TO 2016**

ADJUSTED  
**2014**

2005A	2005A Gen Obligation Bonds		
2005A	Principal		
2005A	Interest	27%	39,049.60
<b>2005A Total</b>		<b>27%</b>	<b>39,049.60</b>
2010A	2010A Taxable General Obligation Bonds - BAB		
2010A	Principal		
2010A	Interest	30%	870,766
<b>2010A Total</b>			<b>870,766</b>
DW400-0001	STABLE 1MG TANK & CONNECTING WATERLINE		
DW400-0001	Principal		
DW400-0001	Interest	85%	13,327.66
DW400-0001	Loan Fee	85%	166,574.47
<b>DW400-0001 Total</b>			<b>179,902</b>
DW406-0001	SRF Loan - Kapilimao Well		
DW406-0001	Principal		
DW406-0001	Interest	17%	3,289
DW406-0001	Loan Fee	17%	10,583
<b>DW406-0001 Total</b>			<b>13,873</b>
DW406-0003	SRF Loan - kapilimao 0.5MG Tank		
DW406-0003	Principal		
DW406-0003	Interest	85%	11,909.83
DW406-0003	Loan Fee	85%	92,170.37
<b>DW406-0003 Total</b>			<b>104,080</b>
DW410-0001	SRF Loan - Kokolau Tunnel Repairs		
DW410-0001	Principal		
DW410-0001	Interest	0%	-
DW410-0001	Loan Fee	0%	-
<b>DW410-0001 Total</b>			<b>-</b>
DW413-0002	SRF Loan - Wailua Homesteads Well No. 4		
DW413-0002	Principal		
DW413-0002	Interest	0%	-
DW413-0002	Loan Fee	0%	-
<b>DW413-0002 Total</b>			<b>-</b>
DW413-0006	SRF Loan - 16 inch Waterline - Kuhio Hwy		
DW413-0006	Principal		
DW413-0006	Interest	0%	-
DW413-0006	Loan Fee	0%	-
<b>DW413-0006 Total</b>			<b>-</b>
Adjusted FRC allocations			1,207,670.20

Table 4

## BAB FUNDED PROJECTS

				Contract Price	frc alloc	
217	EA-194 Hanalei River & Moelepe Stream Pipeline			\$741,142.50		\$ -
218	Job 02-18, WK-32	WK-32	Kapaa Hmstds Pipe Repl	\$ 2,941,944.00		\$ -
219	Job 04-02	WK-14	Pipeline Repl for Vivian hts	\$ 2,651,730.99		\$ -
220	Job 03-02, HW-02; HW-03	HW-02	Wainiha Booster Pump Stn	\$ 1,477,049.85		\$ -
221	Job 10-01	Ani-01	Pipeline Repl - Anini RD	\$ 750,760.00		\$ -
222	Job 10-02		Upsize - Kaumualii Hwy. 16"	\$ 137,270.00	100%	\$ 137,270.00
223	Job 06-06	PLH-25	Umi, Akahi.. 8" ML Repl	\$ 2,710,970.00		\$ -
224	Job 02-16	WK-36	Pipeline Repl along Wailua, Ohana, anolani & Kuamoo Rds	\$ 1,311,745.00		\$ -
225	Job 02-19	KW-12	Waipouli Main Repl, Wailua, Kapaa	\$ 89,000.00		\$ -
226	Job 10-02		CONSTRUCTION 2010-4, Furnishing & Delivery of 24 Dia ggatevalve	\$ 100,313.00		\$ -
227	Waimea Well A Renovation	KW-		\$ 639,282.53		\$ -
228	Koloa Tank Site Acquisition			\$ 500,991.73	100%	\$ 500,991.73
229	Kukuuiula Dev Co.		Piwai Tank/Akemama Tank Agreement	\$ 373,366.04	100%	\$ 373,366.04
230	Job 02-08	HE-08	Rehabilitation of Eleele Twin 0.4 MG Steel tanks.	\$ 2,012,057.78		\$ -
231	Job 02-19	WK-12	Waipouli Main Replacement	\$ 2,142,441.67		\$ -
232	Job 02-14	WK-08	0.5 MG Storage Tank & 0.5 MG Storage tank	\$ 76,200.00		\$ -
233	K-01, K-12	K-01 K-12	and 1222' Water System Imprv	\$ 955,000.00	57%	\$ 544,350.00
234	Kukuioolono Water Tank	K-	Site Acquisition - Kalaheo	\$ 302,396.47	100%	\$ 302,396.47
235	Job 05-05	PLH-30	Kupolo 6-inch, 8-inch and 12", Main Replacement	\$ 3,150,226.75		\$ -
236	Job 10-02			\$ 4,368,972.73	100%	\$ 4,368,972.73
237	Job 11-02	PLH-01A	Replace Grove Farm tanks 1 & 2	\$ 219,658.00	60%	\$ 131,794.80
238	Job 11-04	L-08	Water Main Replacement & Service Improv	\$ 86,750.00		\$ -
239	Job 02-17	H-01; H-02; H-03	Maka Ridge Facilities Rehab & Prnceville Interconnection	\$ 2,357,017.00	100%	\$ 2,357,017.00
240	Job 11-03	M-03	Land & Well Acquisition, Moloaa and Waimea	\$ 165,000.00	100%	\$ 165,000.00
241	Job 05-02	H-8	Drill & Test Hanalei Well #2 & Wainiha wells #4	\$ 32,430.00	10%	\$ 3,243.00
242	Job 02-11	M-02	Land Acquisition		65%	\$ -
243	Job 11-06	WK-01		\$ 91,400.00		\$ -
244	Job 11-09 K-05A Kukuioolono	K-05A	Kukuioolono 0.5 MG Tank	\$ 224,624.00		\$ -
314	Job 02-02	LO-04	Omao 0.5MG tank	\$ 2,524,770.44		\$ -
326	Job 02-02	LO-04	0.5MG storage tank & connecting PL, Lawai	\$ 2,123,714.01		\$ -
592	Job 02-16	WK-36	P/L replace - Wailua	\$ 92,743.40		\$ -
610	Job 02-11	M-02	100K gal tank, Moloaa	\$ 74,274.00	65%	\$ 48,278.10
621	Job 02-06	PLH-01A	Kilauea 1.0 MG Tank and PL, Ph 1	\$ 192,200.00		\$ -
683	Job 04-06	KW-05	Well "B" Renovations	\$ 627,166.43		\$ -
684	Job 05-01	KW-16	Waimea Main Replacement	\$ 3,272,975.12		\$ -
687	Job 02-03	KW-14,15	Waimea Canyon Drive	\$ 677,234.29		\$ -
692	PLH-39 Lihue Baseyd	PLH-39	Lihue Baseyard Improvements	\$ 674,126.39		\$ -
<b>TOTAL</b>				<b>\$ 40,868,944.12</b>		<b>\$ 8,932,679.87</b>



**DEPARTMENT OF WATER**  
**ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET**  
**FISCAL YEAR 2013-2014**  
**WATER UTILITY FUND**

RESOURCES AND EXPENDITURES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>FUND BALANCES</b>					
General Fund Balance	\$16,914,046	\$17,970,870	\$17,970,870	\$11,793,643	
Emergency Reserve Fund		\$1,200,000	\$1,200,000	\$2,400,000	
<b>SUB-TOTAL</b>	<b>\$16,914,046</b>	<b>\$19,170,870</b>	<b>\$19,170,870</b>	<b>\$14,193,643</b>	
<b>RESOURCES</b>					
Water Sales and Service Charge (p.2)	\$19,942,176	\$23,437,595	\$25,260,000	\$27,197,203	
Others (p. 2)	\$5,653,779	\$10,676,015	\$7,153,589	\$12,811,466	
<b>SUB-TOTAL</b>	<b>\$25,595,955</b>	<b>\$34,113,610</b>	<b>\$32,413,589</b>	<b>\$40,008,670</b>	
<b>TOTAL RESOURCES:</b>	<b>\$42,510,000</b>	<b>\$53,284,480</b>	<b>\$51,584,459</b>	<b>\$54,202,313</b>	
<b>EXPENDITURES</b>					
Salaries (p3 n Tab 4, p1 )	\$4,366,631	\$5,542,045	\$4,872,236	\$5,655,764	
Normal Expenditures (p10 n tab 4 p4)	\$10,261,508	\$12,580,054	\$11,545,309	\$13,277,756	
Debt Service (p17 n tab 4 p19)	\$6,432,865	\$6,546,192	\$6,313,803	\$8,580,515	
Vehicles & Equipment (p. 18, tab 4 p5)	\$531,672	\$803,900	\$745,200	\$1,245,000	
Miscellaneous, Capital Expenditures, Others (p18 n tab 4 p5)	\$405,877	\$3,163,714	\$2,712,197	\$882,499	
<b>TOTAL OPERATING EXPENDITURES:</b>	<b>\$21,998,554</b>	<b>\$28,635,905</b>	<b>\$26,188,745</b>	<b>\$29,641,534</b>	
<b>CAPITAL EXPENDITURES</b>					
Capital Replacement Program (p. 19)	\$1,165,692	\$21,314,673	\$10,017,895	\$18,533,466	
Capital Rehabilitation Program (p. 19)	\$174,884	\$933,902	\$1,184,176	\$327,312	
<b>TOTAL CAPITAL EXPENDITURES</b>	<b>\$1,340,576</b>	<b>\$22,248,575</b>	<b>\$11,202,071</b>	<b>\$18,860,779</b>	
<b>RESERVE</b>					
Debt Service Reserve				\$2,100,000	
Emergency Reserve (p. 18)		\$2,400,000		\$3,600,000	
<b>TOTAL RESERVE:</b>		<b>\$2,400,000</b>		<b>\$5,700,000</b>	
<b>TOTAL EXPENDITURES &amp; RESERVE:</b>	<b>\$23,339,129</b>	<b>\$53,284,479</b>	<b>\$37,390,816</b>	<b>\$54,202,313</b>	
<b>FUND BALANCE,</b>	<b>\$19,170,870</b>	<b>\$0</b>	<b>\$14,193,643</b>	<b>\$0</b>	

7/17/2013

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013-2014  
WATER UTILITY FUND**

RESOURCES AND EXPENDITURES	2011 - 2012	2012 - 2013		2013 - 2014	
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>FUND BALANCES</b>					
General Fund Balance	\$16,914,046	\$19,170,870	\$19,170,870	\$4,672,451	
Emergency Reserve Fund	\$0			\$2,400,000	
<i>Prior Year Encumbrances (PO's, contracted cap &amp; other expd)</i>				\$7,121,192	
<b>SUB-TOTAL</b>	<b>\$16,914,046</b>	<b>\$19,170,870</b>	<b>\$19,170,870</b>	<b>\$14,193,643</b>	
<b>RESOURCES</b>					
Water Sales and Service Charge	\$19,942,176	\$23,437,595	\$25,260,000	\$27,197,203	
Others	\$5,653,779	\$10,676,015	\$7,153,589	\$12,811,466	
<b>SUB-TOTAL</b>	<b>\$25,595,955</b>	<b>\$34,113,610</b>	<b>\$32,413,589</b>	<b>\$40,008,670</b>	\$0
<b>TOTAL RESOURCES:</b>	<b>\$42,510,000</b>	<b>\$53,284,480</b>	<b>\$51,584,459</b>	<b>\$54,202,313</b>	<b>\$0</b>
<b>EXPENDITURES</b>					
Salaries (p. 3 k24)	\$4,366,631	\$5,542,045	\$4,872,236	\$5,655,764	
Normal Expenditures (p10. f32)	\$10,261,508	\$12,580,054	\$11,545,309	\$13,277,756	
Debt Service (p.17)	\$6,432,865	\$6,546,192	\$6,313,803	\$8,580,515	
Equipment (p. 18, tab 4 p5)	\$531,672	\$803,900	\$745,200	\$1,245,000	
Miscellaneous, Capital Expenditures, Others (p. 18)	\$405,877	\$3,163,714	\$2,712,197	\$397,604	
<i>Contracted Cap. Exp., Others - 2012 Encumbrance (tab 11 p2- f64)</i>				\$484,896	
<b>TOTAL OPERATING EXPENDITURES:</b>	<b>\$21,998,554</b>	<b>\$28,635,905</b>	<b>\$26,188,745</b>	<b>\$29,641,534</b>	<b>\$0</b>
<b>CAPITAL EXPENDITURES</b>					
Capital Replacement Program (p. 19)	\$1,165,692	\$21,314,673	\$10,017,895	\$12,168,109	
<i>CRPL, 2012 Encumbrance (Tab 12 p4)</i>				\$6,365,357	
Capital Rehabilitation Program (p. 19)	\$174,884	\$933,902	\$1,184,176	\$56,373	
<i>CRP, 2012 Encumbrance (tab 13 p3)</i>				\$270,939	
<b>TOTAL CAPITAL EXPENDITURES</b>	<b>\$1,340,576</b>	<b>\$22,248,575</b>	<b>\$11,202,071</b>	<b>\$18,860,779</b>	<b>\$0</b>
<b>RESERVE</b>					
Debt Service Reserve		\$0	\$0	\$2,100,000	
Emergency Reserve (p. 18)		\$2,400,000	\$0	\$3,600,000	
<b>TOTAL RESERVE:</b>	<b>\$0</b>	<b>\$2,400,000</b>	<b>\$0</b>	<b>\$5,700,000</b>	
<b>TOTAL EXPENDITURES &amp; RESERVE:</b>	<b>\$23,339,129</b>	<b>\$53,284,480</b>	<b>\$37,390,816</b>	<b>\$54,202,313</b>	<b>\$0</b>
<b>FUND BALANCE,</b>	<b>\$19,170,870</b>	<b>\$0</b>	<b>\$14,193,643</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT OF WATER  
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REVENUES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
1. WATER SALES AND SERVICE CHARGE	\$19,942,176	\$23,437,595	\$25,260,000	\$27,197,203	
2. MISCELLANEOUS RECEIPTS		\$60,000	\$2,549,824	\$60,000	
3. INTEREST INCOME	\$59,989	\$235,000	\$60,000	\$85,000	
4. COUNTY SERVICE CHARGE	\$1,147,741	\$1,467,126	\$1,467,126	\$1,630,230	
5. OTHER - SRF / State Allotment	\$1,636,429	\$5,000,000	\$400,548	\$4,611,752	
5a. OTHER RECEIPTS	-\$20,395	\$1,000,000	\$353,718	\$3,050,000	
5b. OTHER - BAB SUBSIDY	\$715,616	\$715,616	\$715,615	\$649,257	
5c.. FRC DEBT SERVICE PAYBACK	\$1,989,115	\$1,968,273	\$1,606,758	\$2,495,227	
5d. GRANTs, Other	\$125,283	\$230,000		\$230,000	
<b>TOTAL REVENUES:</b>	<b>\$25,595,955</b>	<b>\$34,113,610</b>	<b>\$32,413,589</b>	<b>\$40,008,670</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012		2012 - 2013		2013 - 2014	2013 - 2014
	ACTUAL		BUDGET	ESTIMATED	PROPOSED	APPROVED
15. Salaries-Dept. of Water (No. of Positions):	(82)	(88)	(77)	(88)		
Administration (16)	(11) \$698,758	(16) \$833,839	(14) \$782,163	(16) \$866,553		
Admin. - Water Quality		\$163,148	\$163,148	\$172,555		
Engineering Division (5)	(14) \$605,913	(5) \$381,039	(3) \$211,284	(5) \$259,498		
Construction Management		\$348,364	\$306,936	\$418,604		
Water Resource & Planning Division (6)	(5) \$352,847	(6) \$410,996	(6) \$373,128	(6) \$437,212		
Fiscal Division (19)	(17) \$801,250	(19) \$905,578	(17) \$905,578	(19) \$957,466		
Operations Division (42)	(35) \$1,907,863	(42) \$2,399,081	(37) \$2,080,000	(42) \$2,443,875		
<b>TOTAL SALARIES:</b>	<b>\$4,366,631</b>	<b>\$5,442,045</b>	<b>\$4,822,236</b>	<b>\$5,555,764</b>		
16. Provision for Accrued Vacation						
Salaries	\$ -	\$ 100,000	\$ 50,000	\$ 100,000		
<b>TOTAL SALARIES AND PROVISION FOR ACCRUED</b>	<b>\$4,366,631</b>	<b>\$5,542,045</b>	<b>\$4,872,236</b>	<b>\$5,655,764</b>		

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**DEPARTMENT OF WATER  
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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGET	ESTIMATED	PROPOSED	APPROVED
19. COUNTY SERVICE CHARGE					
<b>Departmental Fixed Charges</b> (Miscellaneous)	<b>\$ 1,147,741</b>	<b>\$1,467,126</b>	<b>\$1,467,126</b>	<b>\$1,630,230</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGET	ESTIMATED	PROPOSED	APPROVED
MATERIALS, SUPPLIES & SERVICE					
21. UTILITIES					
<b>Departmental Fixed Charges</b>	<b>\$209,209</b>	<b>\$247,380</b>	<b>\$247,380</b>	<b>\$293,540</b>	
22. POSTAGE AND PRINTING					
Departmental Fixed Charges	<b>\$38,715</b>	<b>\$16,000</b>	<b>\$16,000</b>	\$16,000	
Fiscal Division	\$55,102	\$125,000	\$125,000	\$125,000	
<b>TOTAL POSTAGE AND PRINTING:</b>	<b>\$93,817</b>	<b>\$141,000</b>	<b>\$141,000</b>	<b>\$141,000</b>	
24. OFFICE EQUIPMENT MAINTENANCE					
Encumbrance:					
Contract # 461, Four Winds Group (moved to C	\$53,500	\$77,710			
Departmental Fixed Charges	\$52,469	\$83,390	\$161,100	\$196,500	
<b>TOTAL OFFICE EQUIPMENT MAINT.</b>	<b>\$105,969</b>	<b>\$161,100</b>	<b>\$161,100</b>	<b>\$196,500</b>	
27. CONTRACTUAL SERVICES					
Departmental Fixed Charges	\$138,374	\$69,200	\$69,200	\$95,000	
Administration	\$34,125	\$120,000	\$20,000	\$60,000	
Water Quality				\$2,000	
Water Resources & Planning Division		\$325,000	\$256,350	\$320,000	
Encumbrance:					
Con 535, Fukunaga & Assoc., (tab 11)	\$98,540				
Fiscal Division	\$51,465	\$163,000	\$113,000	\$65,000	
Encumbrance:					
Contract # 521, R.W. Beck (tab 11)					
Contract # , R.W. Beck (tab 11)	\$29,570				
<b>TOTAL CONTRACTUAL SERVICES:</b>	<b>\$352,074</b>	<b>\$677,200</b>	<b>\$458,550</b>	<b>\$542,000</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGET	ESTIMATED	PROPOSED	APPROVED
28. TRAVEL & INCIDENTALS - BOARD					
<b>Administration</b>	<b>\$13,665</b>	<b>\$19,798</b>	<b>\$16,798</b>	<b>\$25,228</b>	
29. TRAVEL & INCIDENTALS - STAFF					
<b>Administration</b>	<b>\$37,780</b>	<b>\$42,050</b>	<b>\$42,050</b>	<b>\$43,820</b>	
30. BILLING & COLLECTION					
<b>Fiscal Division</b>				<b>\$155,000</b>	
31. MISCELLANEOUS					
<b>Administration</b>	<b>\$21,400</b>	<b>\$18,500</b>	<b>\$18,500</b>	<b>\$20,000</b>	
32. AUDITING FEES					
<b>Fiscal Division</b>	<b>\$66,000</b>	<b>\$76,000</b>	<b>\$70,000</b>	<b>\$80,000</b>	
33. IN-SERVICE TRAINING					
<b>Administration</b>	<b>\$43,132</b>	<b>\$90,600</b>	<b>\$80,600</b>	<b>\$88,340</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGET	ESTIMATED	PROPOSED	APPROVED
34. SUPPLIES - OFFICE & ENGINEERING					
Departmental Fixed Charges	\$32,695	\$35,000	\$35,000	\$36,000	
Fiscal Division	\$5,305	\$10,000	\$10,000	\$10,000	
<b>TOTAL SUPPLIES-OFFICE &amp; ENGINEERING:</b>	<b>\$ 38,000</b>	<b>\$45,000</b>	<b>\$45,000</b>	<b>\$46,000</b>	
35 OPERATING RESERVE FUND					
<b>Administration</b>	<b>\$14,623</b>	<b>\$20,000</b>	<b>\$20,000</b>	<b>\$20,000</b>	
36. PUBLIC RELATIONS					
Encumbrance:					
The Nature Company (moved to Tab 11)	\$75,000				
Limtiaco Co., Con 531 (moved to Tab 11)	\$41,140				
Administration	\$49,546	\$86,500	\$66,500	\$86,500	
	<b>\$165,687</b>	<b>\$86,500</b>	<b>\$66,500</b>	<b>\$86,500</b>	
37. COMPUTER SUPPORT & SUPPLIES					
<b>Administration</b>	<b>\$44,384</b>	<b>\$97,000</b>	<b>\$97,000</b>	<b>\$86,500</b>	



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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGET	ESTIMATED	PROPOSED	APPROVED
38. MICROLAB MATERIALS AND SUPPLIES					
Admin. - Water Quality	\$9,114	\$20,000	\$20,000	\$20,000	
59 SAFE DRINKING WATER ACT PROGRAM					
Admin. - Water Quality	\$18,394	\$50,000	\$10,000	\$70,000	
<b>TOTAL ADMINISTRATIVE, OFFICE AND ENGINEERING EXPENDITURES:</b>	<b>\$1,233,246</b>	<b>\$1,792,128</b>	<b>\$1,494,478</b>	<b>\$1,914,428</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>OPERATIONS AND MAINTENANCE</b>					
40. Vehicle-Material & Service	\$109,060	\$145,000	\$145,000	\$150,000	
41. Vehicle - fuel	\$157,384	\$189,000	\$189,000	\$208,550	
42. Utilities	\$74,070	\$91,700	\$91,700	\$93,600	
43. Meter Parts	\$1,708	\$8,300	\$8,300	\$8,300	
43a. Electrical parts	\$20,000	\$34,000	\$34,000	\$41,000	
44. Miscellaneous	\$510	\$5,000	\$5,000	\$5,000	
44a. Miscellaneous - Tapping Team		\$8,000		\$8,000	
44b. Miscellaneous - Drought Mitigation (moved to Tab 11)	\$64,532				
45. Contractual Services	\$101,221	\$200,000	\$100,000	\$135,000	
47. Materials & Supplies	\$189,258	\$404,000	\$304,000	\$404,000	
48. Safety Equipments	\$22,973	\$30,000	\$30,000	\$30,000	
51. Pump - Electrical	\$3,101,296	\$3,250,000	\$3,250,000	\$3,445,000	
55. Purchase of Water	\$1,559,279	\$1,891,826	\$1,650,000	\$2,074,326	
58. Chemicals	\$50,607	\$65,000	\$65,000	\$73,000	
58.1 Chemicals - SWTP					
<b>TOTAL OPERATIONS &amp; MAINTENANCE:</b>	<b>\$5,451,897</b>	<b>\$6,321,826</b>	<b>\$5,872,000</b>	<b>\$6,675,776</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012	2012 - 2013		2013 - 2014	
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>INSURANCE</b>					
<b>    Departmental Fixed Charges</b>					
60. Insurance & Bonds	\$47,879	\$200,000	\$100,000	\$200,000	
60.1 Small Claims	\$3,676	\$10,000	\$10,000	\$10,000	
61. Worker's Compensation Provision	\$19,146	\$150,000	\$150,000	\$150,000	
<b>        TOTAL INSURANCE:</b>	<b>\$70,701</b>	<b>\$360,000</b>	<b>\$260,000</b>	<b>\$360,000</b>	
<b>RETIREMENT SYSTEM CONTRIBUTIONS -</b>					
<b>    Departmental Fixed Charges</b>					
62. Retirement System - Employers' Share	\$614,965	\$844,605	\$805,253	\$862,255	
63. FICA Taxes - Employers' Share	\$293,209	\$416,316	\$371,017	\$425,016	
<b>        TOTAL RETIREMENT SYSTEM CONTRIBUTIONS:</b>	<b>\$908,174</b>	<b>\$1,260,922</b>	<b>\$1,176,270</b>	<b>\$1,287,270</b>	
<b>EMPLOYEES' HEALTH CONTRIBUTIONS -</b>					
<b>    Departmental Fixed Charges</b>					
64. Health, Dental & Group Life	\$360,865	\$528,052	\$425,435	\$531,052	
67. Health & Dental - Retirees and OPEB	\$1,088,886	\$850,000	\$850,000	\$879,000	
<b>        TOTAL EMPLOYEE'S HEALTH CONTRIBUTIONS:</b>	<b>\$1,449,750</b>	<b>\$1,378,052</b>	<b>\$1,275,435</b>	<b>\$1,410,052</b>	
<b>    TOTAL INSURANCE AND EMPLOYEE BENEFITS:</b>	<b>\$2,428,625</b>	<b>\$2,998,974</b>	<b>\$2,711,705</b>	<b>\$3,057,322</b>	
<b>    TOTAL NORMAL EXPENDITURES:</b>	<b>\$10,261,509</b>	<b>\$12,580,054</b>	<b>\$11,545,309</b>	<b>\$13,277,756</b>	

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		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>DEBT SERVICE REQUIREMENTS</b>					
<b>93. FmHA \$300,000 BOND</b>	\$ 18,825	\$ 18,550	\$ 18,550	\$ 18,750	
FmHA Public Improvement Bond County Series 1980 Last installment due 2015. Date issued: March, 1980 Original Amount: \$300,000.00 Balance at June 30, 2013: \$35,000.00					
<b>97 DOW BOND, 2001 ISSUE</b>	\$ -	\$ -	\$ -	\$ -	
General Obligation Bonds, Series 2001A Series 2005A Refunded a portion of Series 2001A, Orig. Amt: \$11,725,000 DEFEASED 7/7/11					
<b>97.1. DOW BOND, 2011A</b>	\$440,830	\$440,550	\$440,550	\$438,600	
2011A Refunding Bonds - \$5,125,000 (\$5.24M Refunded 2001A) Balance at June 30, 2013:					

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>98. State Revolving Fund Loan</b>	<b>\$ 128,169</b>	<b>\$ 125,395</b>	<b>\$ 125,395</b>	<b>\$ 122,582</b>	
Job No. 97-1 Kokolau Tunnel Last installment due July 2021 Date issued: July 2002 Original Loan Amount: \$1,663,201.00 Balance of Loan at June 30, 2013: \$782,698.34					
<b>99. State Revolving Fund Loan</b>	<b>\$ 69,137</b>	<b>\$ 67,617</b>	<b>\$ 67,617</b>	<b>\$ 66,082</b>	
Kapilimao Well Project Last installment due April 2022 Date issued: April 2003 Original Loan Amount: \$803,802.00 Balance of Loan at June 30, 2013: \$446,050.49					

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EXPENDITURE CLASSIFICATION	2011 - 2012	2012 - 2013		2013 - 2014	
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>80. State Revolving Fund Loan</b> Job No. 97-5 Hanapepe River Crossing Last Installment Due: July 2023 Date Issued: July 2004 Original Loan Amount: \$1,243,977.00 Balance of Loan at 6/30/13: \$669,144.17	\$ 96,556	\$ 94,527	\$ 94,527	\$ 92,478	
<b>81. State Revolving Fund Loan</b> Job No. 97-6 Hanapepe 27 inch Steel Pipe Last Installment Due: July 2023 Date Issued: July 3004 Original Loan Amount: \$691,134.00 Balance of Loan at 6/30/13: \$389,661.39	\$ 53,810	\$ 52,680	\$ 52,680	\$ 51,538	
<b>82. State Revolving Fund Loan</b> WK-21, Job No. 98-33, Wailua Homesteads Well No. 3 Last Installment Due: March 2024 Date Issued: March 2005 Original Loan Amount: \$397,736.00 Balance of Loan at 6/30/13: \$236,196.62	\$ 31,006	\$ 30,334	\$ 30,333	\$ 29,656	
<b>83. State Revolving Fund Loan</b> PLH-31, Job No. 97-2, Rehabilitate Lihue Steel Tanks 1 & 2 Last Installment Due: June 2025 Date Issued: January 2006 Original Loan Amount: \$1,243,017.00 Balance of Loan at 6/30/13: \$803,676.37	<b>\$98,693</b>	<b>\$96,588</b>	<b>\$96,589</b>	<b>\$94,475</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>84. State Revolving Fund Loan</b> WK-07, Job No. 98-6, Ornellas 0.2 MG Tank Refurbish. Last Installment Due: March 2025 Date Issued: March 2006 Loan Amount: \$809,398.00 Balance of Loan at 6/30/13: \$516,803.32	<b>\$63,803</b>	<b>\$62,462</b>	<b>\$62,462</b>	<b>\$61,111</b>	
<b>85. State Revolving Fund Loan</b> WK-03, Job No. 97-11, 16-inch Waterline along Kuhio Hwy Last Installment Due: February 2026 Date Issued: February 2007 Loan Amount: \$2,305,093.00 Balance of Loan at 6/30/13: \$1,585,468.53	<b>\$181,669</b>	<b>\$177,755</b>	<b>\$177,754</b>	<b>\$173,833</b>	
<b>86. DOW BOND, 2005 Series</b> Last Installment Due August 2029 Date Issued November 2005 Original Amount \$3,320,000.00 Balance at 6/30/13: \$255,000	<b>\$ 214,950</b>	<b>\$ 212,309</b>	<b>\$ 107,672</b>	<b>\$ 108,650</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>87. DOW BOND, 2005 Series, Partial Refund</b> of 2001 Series A Last Installment Due: August 2021 Date Issued: November 2005 Original Issue Amount: \$3,165,000.00 Balance at 6/30/13: \$2,500,000.00	\$ 149,988	\$ 149,988	\$ 264,891	\$ 263,806	
<b>88. State Revolving Loan</b> KP-07, KP-08, Job 98-2, 16 inch Waterline replacement, Poipu Road Last Installment Due: January 2027 Date Issued: January 2008 Loan Amount: \$5,158,886.00 Balance at 6/30/13: \$3,726,747.06	\$ 405,376	\$ 396,838	\$ 396,838	\$ 388,286	



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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>89. State Revolving Fund Loan</b> Stable Tank 1.0 MG Tank and Connecting Pipeline, WK-42, WK-32, WK-14 Date Issued: March 2009 Loan Amount: <del>\$8,082,619.00</del> -\$7,274,997.83	<b>\$ 611,331.29</b>	<b>\$599,177</b>	<b>\$599,178</b>	<b>\$587,002</b>	
<b>90. State Revolving Fund Loan</b> Kaumuali'i Highway 12-inch Main Replacement, Elepaio Road to Huakai Road, Job No. 05-04, KW-27 Date Issued: August 2009 Loan Amount: <del>\$4,933,117.00</del> -\$3989,537.33	<b>\$ 333,772.97</b>	<b>\$327,272</b>	<b>\$327,272</b>	<b>\$320,751</b>	
<b>91. State Revolving Loan</b> Waha, Wawae and Niho Roads Main Replacement, Job No. 05-07, K-7, LO-13. Date Issued: August 2009 Loan Amount: <del>\$2,118,618.00</del> \$1,936,018	<b>\$ 153,883.08</b>	<b>\$150,887</b>	<b>\$155,134</b>	<b>\$156,249</b>	

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EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>92. DOW BOND, Series 2010A</b> Last Installment Due: August 2033 Date Issued: March, 2010 Original Amount: \$60,000,000.00 Balance at 6/30/2013: \$60,000,000.00	\$2,920,881	\$2,920,881	\$2,920,881	\$4,777,552	
<b>94. State Revolving Fund Loan Kapilimao 0.5MG Tank</b> Last Installment Due: January, 2030 Date Issued: January, 2011 Original Amount: <del>\$1,720,255</del> , \$3,793,779.17 Balance at 6/30/2013: \$3,288,386.47	\$ 460,186	\$ 302,382	\$ 311,725	\$ 314,924	
97.2 DOW Bond 2012A Issue Series 2005A (2001A Refunding) Last Installment Due: Date Issued: 8/12 Original Amount: \$2,745,000 Balance at 6/30/2013: \$2,745,000		\$63,755	\$63,755	\$114,188	
XX Provision for Additional Debt Service Requirement for projected SRF loan Reimbursement of \$ 5000000	\$0	\$256,245		\$400,000	
<b>TOTAL DEBT SERVICE REQUIREMENTS:</b>	<b>\$6,432,865</b>	<b>\$6,546,192</b>	<b>\$6,313,801</b>	<b>\$8,580,515</b>	<b>\$0</b>
<b>TOTAL SALARIES, NORMAL EXPENDITURES AND DEBT SERVICE:</b>	<b>\$21,061,006</b>	<b>\$24,668,290</b>	<b>\$22,731,345</b>	<b>\$27,514,035</b>	<b>\$0</b>

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**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013-2014  
DEPARTMENT SUMMARY  
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>EQUIPMENT</b>					
103. OFFICE & ENGINEERING EQUIPMENT					
Administration	\$180,173	\$308,700	\$200,000	\$663,000	
Engineering Division			\$15,200		
Construction Management		\$15,200		\$15,000	
Water Resources and Planning					
Fiscal Division		\$268,000	\$318,000	\$102,000	
<b>TOTAL OFFICE &amp; ENGINEERING EQUIPMENT</b>	<b>\$180,173</b>	<b>\$591,900</b>	<b>\$533,200</b>	<b>\$780,000</b>	
106. VEHICLES AND EQUIPMENT					
Administration					
Engineering Division	\$30,541				
Construction Management				\$115,000	
Water Resources and Planning Division					
Fiscal Division	\$72,000				
Operation Division	\$248,958	\$212,000	\$212,000	\$350,000	
<b>TOTAL VEHICLES AND EQUIPMENT</b>	<b>\$351,498</b>	<b>\$212,000</b>	<b>\$212,000</b>	<b>\$465,000</b>	
<b>TOTAL EQUIPMENT</b>	<b>\$531,672</b>	<b>\$803,900</b>	<b>\$745,200</b>	<b>\$1,245,000</b>	
<b>MISCELLANEOUS &amp; OTHER CAPITAL EXPENDITURES</b>					
102. MISCELLANEOUS & OTHER CAPITAL EXPENDITURES					
<b>Operations Division</b>	<b>\$354,902</b>	<b>\$975,000</b>	<b>\$775,000</b>	<b>\$360,000</b>	
105. RECORDING METERS					
<b>Operations Division</b>					
107. PURCHASE OF METER AND METER BOXES					
<b>Operations Division</b>	<b>\$50,975</b>	<b>\$129,000</b>	<b>\$129,000</b>	<b>\$102,500</b>	
Misc. Contracted Capital Expenditures, Others		\$2,059,715	\$1,808,197	\$419,999	
<b>TOTAL MISCELLANEOUS &amp; OTHER CAPITAL EXPENDITURES</b>	<b>\$405,877</b>	<b>\$3,163,715</b>	<b>\$2,712,197</b>	<b>\$882,499</b>	
<b>RESERVES:</b>					
Debt Service Reserve				\$2,100,000	
Emergency Reserve		\$2,400,000		\$3,600,000	
<b>TOTAL RESERVES</b>		<b>\$2,400,000</b>		<b>\$5,700,000</b>	
<b>TOTAL EXPENDITURES &amp; RESERVE</b>	<b>\$21,998,555</b>	<b>\$31,035,905</b>	<b>\$26,188,743</b>	<b>\$35,341,535</b>	

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DEPARTMENT SUMMARY  
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>CAPITAL PROJECTS</b>					
101. CIP REPLACEMENT PROJECTS (tab12)					
<b>Capital Improvement Program (p1)</b>		<b>\$14,927,757</b>		<b>\$7,207,003</b>	
<b>Contracted CIP Projects (p1)</b>	<b>\$1,165,692</b>	<b>\$2,945,100</b>	<b>\$6,576,079</b>	<b>\$5,409,756</b>	
106b. CIP RESERVE					
<b>Capital Improvement Program (p1)</b>		<b>\$3,441,816</b>	<b>\$3,441,816</b>	<b>\$5,916,707</b>	
<b>TOTAL CIP REPLACEMENT PROJECTS</b>	<b>\$1,165,692</b>	<b>\$21,314,673</b>	<b>\$10,017,895</b>	<b>\$18,533,466</b>	
101b. CAPITAL REHABILITATION (Tab 13)					
<b>Capital Rehabilitation Program (p1)</b>		<b>\$470,531</b>	<b>\$199,592</b>	<b>\$250,410</b>	
<b>Contracted CRP Projects (p1)</b>	<b>\$174,884</b>	<b>\$463,371</b>	<b>\$984,583</b>	<b>\$76,902</b>	
<b>TOTAL CAPITAL REHABILITATION PROGRAM</b>	<b>\$174,884</b>	<b>\$933,902</b>	<b>\$1,184,176</b>	<b>\$327,312</b>	
<b>TOTAL CAPITAL PROJECTS:</b>	<b>\$1,340,576</b>	<b>\$22,248,575</b>	<b>\$11,202,071</b>	<b>\$18,860,779</b>	

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WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>TOTAL SALARIES, NORMAL EXPENDITURES, DEBT SERVICE REQUIREMENTS, AND CAPITAL EXPENDITURES:</b>	<b>\$23,339,130</b>	<b>\$53,284,479</b>	<b>\$37,390,814</b>	<b>\$54,202,313</b>	

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FISCAL YEAR 2013-2014  
CRPL BUDGET  
WATER UTILITY FUND**

RESOURCES AND EXPENDITURES	2011 - 2012 ACTUAL	FY 2013		FY 2014	
		BUDGETED	ESTIMATED	PROPOSED BUDGET	APPROVED BUDGET
101. CRPL PROJECTS (p2)		\$14,927,757	\$0	\$7,207,003	
CONTRACTED CRPL PROJECTS (p3)	\$ 1,165,692	\$2,945,100	\$6,576,079	\$5,409,756	
106b. CIP RESERVE FUND		\$3,441,816	\$3,441,816	\$5,916,707	
<b>TOTAL CAPITAL IMPROVEMENT PROJECTS:</b>	<b>\$ 1,165,692</b>	<b>\$21,314,673</b>	<b>\$10,017,895</b>	<b>\$ 12,616,759</b>	

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013-2014  
CRPL BUDGET  
WATER UTILITY FUND**

<b>101. CRPL PROJECTS</b>	<b>FY 2013</b>				<b>FY 2014</b>	
	<b>2012 - 2013 BUDGET</b>	<b>(CONTRACTED)/ ADDITIONS/ (DELETIONS)</b>	<b>ESTIMATED PAYMENTS</b>	<b>ENCUMBERED</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>PROPOSED BUDGET</b>
<b>WATER SOURCE</b>						
<b>ACQUISITION</b>						
K-01, Yamada Tank (Nursery Tank) & Connecting PL (BAB 2.55M)	\$4,502,750			\$4,502,750	(\$3,002,750)	\$1,500,000
Purchase Water System - 1	\$1			\$1		\$1
Purchase Water System - 2	\$1			\$1	\$0	\$1
<b>TOTAL WATER SOURCE:</b>	<b>\$4,502,752</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,502,752</b>	<b>(\$3,002,750)</b>	<b>\$1,500,002</b>
<b>STORAGE</b>						
				\$0		\$0
<b>TOTAL STORAGE:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT OF WATER  
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FISCAL YEAR 2013-2014  
CRPL BUDGET  
WATER UTILITY FUND**

101. CRPL PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>TRANSMISSION/ DISTRIBUTION</b>						
(697)Job 02-15, WK-28, Wailua Hslts Repl	\$5,000,000	(\$4,671,000)		\$329,000	(\$329,000)	\$0
Job 02-19, WK-12, Waipouli Main Replacement - Kuhio Hwy (est \$3M) (6" to 8")	\$2,250,000	(\$2,147,000)		\$103,000	(\$103,000)	\$0
Job 04-03, WK-30, Pipeline Replacement along Waipouli Road and Olohena Road (est \$2M) (6")	\$2,750,000	(\$1,744,400)		\$1,005,600	(\$1,005,600)	\$0
12-4, HE-14, Hanapepe-Eleele booster pump rehabilitation, replace existing booster pumps	\$1			\$1	\$91,999	\$92,000
12-6, WK-25, Kuhio Hwy., Papaloa Rd. Main Replacement	\$250,000			\$250,000	(\$250,000)	\$0
Job 11-10, New 8" Waterline along Halewili Road, Kaumualii Hwy.					\$1,500,000	\$1,500,000
12-7, PLH-24, Rice Street (Haleko & Kapule Hwy) 16" Main Replacement (5,160')						
Rice/Kapule Intersection Improvements	\$1			\$1		\$1
PLH-32, Rice /Kapule Intersection Improvements				\$0	\$500,000	\$500,000
<b>TOTAL TRANSMISSION:</b>	<b>\$10,250,002</b>	<b>(\$8,562,400)</b>	<b>\$0</b>	<b>\$1,687,602</b>	<b>\$404,399</b>	<b>\$2,092,001</b>



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CRPL BUDGET  
WATER UTILITY FUND**

101. CRPL PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>IMPROVEMENTS</b>						
Job 11-01, As Needed Construction Management Services	\$100,000		\$0	\$100,000	(\$100,000)	\$0
WP 2020 # MO-02, Moloaa Tank	\$75,000		\$0	\$75,000	\$40,000	\$115,000
12-3, LO-19, Omao Microturbine (SRF-G, 450K)	\$1			\$1	\$449,999	\$450,000
HE-11 Hanapepe - Eleele Road to Salt Pond, 6" Main Replacement (5379')	\$1			\$1	\$149,999	\$150,000
12-5, Islandwide Deep Well Pump Facilities	\$1			\$1	\$299,999	\$300,000
Job 13-5, WKK-9, Kolo Road Main Replacement (Kilauea)					\$1,300,000	\$1,300,000
Job 12-1 (106b) H-05, Weke, Anae, Mahimahi & Hee Rd. ( design by Esaki con 553)					\$1,300,000	\$1,300,000
<b>TOTAL IMPROVEMENTS:</b>	\$175,003	\$0	\$0	\$175,003	\$3,439,997	\$3,615,000
<b>CIP REPLACEMENT PROJECTS:</b>	<b>\$14,927,757</b>	<b>(\$8,562,400)</b>	<b>\$0</b>	<b>\$6,365,357</b>	<b>\$841,646</b>	<b>\$7,207,003</b>
				<b>\$6,365,357</b>		<b>\$7,207,003</b>
						\$0

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WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>1993 - 1994 CONTRACTS</b>						
370. Contract No. 259, Nishimura, Katayama, Ota & Santos, Inc., Job No. 93-1, 250,000 gallon tank - Wailua	\$53,151			\$53,151	(\$53,150)	\$1
<b>TOTAL 1993 - 1994 CONTRACTS:</b>	<b>\$53,151</b>	<b>\$0</b>	<b>\$0</b>	<b>\$53,151</b>	<b>(\$53,150)</b>	<b>\$1</b>
<b>1994 - 1995 CONTRACTS</b>						
401. Job No. 91-13, Contract No. 37348, R.M. Towill Corp., Drill & Test Hanamaulu Well No. 1	\$645		\$0	\$645	(\$645)	\$0
<b>TOTAL 1994 - 1995 CONTRACTS:</b>	<b>\$645</b>	<b>\$0</b>	<b>\$0</b>	<b>\$645</b>	<b>(\$645)</b>	<b>\$0</b>
<b>1999-2000 CONTRACTS</b>						
519 Job No. 92-4, Contract No. 355, Okahara & Associates. Inc., Koloa Well "F"	\$6,638			\$6,638	(\$6,638)	\$0
<b>TOTAL CONTRACTS 1999 - 2000:</b>	<b>\$6,638</b>	<b>\$0</b>	<b>\$0</b>	<b>\$6,638</b>	<b>(\$6,638)</b>	<b>\$0</b>

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WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2001-2002 CONTRACTS</b>						
561. Job No. 99-8, Drill Omao Well No. 1, Contract No. 384, Fukunaga & Associates	\$79,860			\$79,860		\$79,860
<b>TOTAL CONTRACTS 2001 - 2002:</b>	<b>\$79,860</b>	<b>\$0</b>	<b>\$0</b>	<b>\$79,860</b>	<b>\$0</b>	<b>\$79,860</b>
<b>2002 - 2003 CONTRACTS</b>						
586. Job No. 94-4, Contract No. 401, Control Mfg. Co., SCADA	\$63,068			\$63,068		\$63,068
<b>TOTAL CONTRACTS 2002 - 2003:</b>	<b>\$63,068</b>	<b>\$0</b>	<b>\$0</b>	<b>\$63,068</b>	<b>\$0</b>	<b>\$63,068</b>
<b>2003 - 2004 CONTRACTS</b>						
610. Job No. 02-11, Moloaa 0.1 MG Concrete Tank, Contract No. 429, Esaki Surveying (addtl \$94,222 - BAB)	\$125,200			\$125,200		\$125,200
<b>TOTAL CONTRACTS 2003 - 2004:</b>	<b>\$125,200</b>	<b>\$0</b>	<b>\$0</b>	<b>\$125,200</b>	<b>\$0</b>	<b>\$125,200</b>

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013-2014  
CIP REPLACEMENT BUDGET  
WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2004 - 2005 CONTRACTS</b>						
618. Job No. 02-05, Contract No. 52243, Earthworks Pacific, Ulaula Road, Eleele/6" main, Lihue	\$19,009			\$19,009	(\$19,009)	\$0
<b>TOTAL CONTRACTS 2004 - 2005:</b>	<b>\$19,009</b>	<b>\$0</b>	<b>\$0</b>	<b>\$19,009</b>	<b>(\$19,009)</b>	<b>\$0</b>
<b>2005 - 2006 CONTRACTS</b>						
645. KW-25, Job No. 05-03, Brown & Caldwell, Kapilimao 0.5 MG Tank	\$5,775			\$5,775	(\$5,775)	\$0
651 Contract No. 466, Brown & Caldwell, KW-28, Job 06-01, AMFAC Shaft Renovation, Ph IA (fr CRP)	\$108,973			\$108,973	\$450,000	\$558,973
<b>TOTAL CONTRACTS 2005 - 2006:</b>	<b>\$114,748</b>	<b>\$0</b>	<b>\$0</b>	<b>\$114,748</b>	<b>\$444,225</b>	<b>\$558,973</b>
<b>2007 - 2008 CONTRACTS</b>						
668. Contract No. 484, Wagner Engineering Services, Kukuiolono Site Exchange	\$5,210			\$5,210		\$5,210
<b>TOTAL CONTRACTS 2007 - 2008:</b>	<b>\$5,210</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,210</b>	<b>\$0</b>	<b>\$5,210</b>

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
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CIP REPLACEMENT BUDGET  
WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2008 - 2009 CONTRACTS</b>						
676. Contract No. 497, Kauai Builders, Ltd., KW-25, Job No. 05-03, Kapilimao 0.5 MG Storage Tank	\$100,682			\$100,682	(\$100,682)	\$0
<b>TOTAL CONTRACTS 2008 - 2009:</b>	<b>\$100,682</b>	<b>\$0</b>	<b>\$0</b>	<b>\$100,682</b>	<b>(\$100,682)</b>	<b>\$0</b>
<b>2010 - 2011 CONTRACTS</b>						
694 Con 538 Esaki Surveying & Mapping, Inc., Job 11-05, As Needed Surveying Services	\$30,000		(\$3,840)	\$26,160	\$3,840	\$30,000
700 Con 545, AECOM, Job 11-11, <b>K17</b> , PLH 42, Water Treatment Facilities	\$76,236			\$76,236		\$76,236
<b>TOTAL CONTRACTS 2010 - 2011:</b>	<b>\$106,236</b>	<b>\$0</b>	<b>-\$3,840</b>	<b>\$102,396</b>	<b>\$3,840</b>	<b>\$106,236</b>

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
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CIP REPLACEMENT BUDGET  
WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2011 - 2012 CONTRACTS</b>						
696 Con 546 SSFM International, Inc. Job 11-01, As Needed Constr Mngnt Services	\$50,000		(\$22,268)	\$27,732	\$22,268	\$50,000
697 Con 562, Goodfellow Brothers, Inc., Job 02-15, WK-28, Wailua Hslts ML Repl		\$4,671,000	(\$1,500,000)	\$3,171,000		\$3,171,000
698 Kauai Habitat for Humanity, Oversizing ML Ext., Eleele Luna Subd. (106b)	\$11,465			\$11,465	(\$11,465)	\$0
699 Con 555, Lyon Associates, Job 11- 10, K-18; 8" Main Repl, Halewili Rd, Kalaheo (moved from Tab 13)	\$91,077		(\$91,077)	\$0		\$0
701 Con 549, Beylik Drilling & Pump, Job 11-14, Puhi well #4, Turbine Pump Assembly	\$49,925			\$49,925		\$49,925
702 Con 539, Mears Group, PLH-03, Kahili Directionally Drilled Horizontal Well (106b)	\$1,928,690		(\$928,000)	\$1,000,690		\$1,000,690
707 Con 553, Esaki Surveying & Map Job 12-1 (106b) H-05, Weke, Anae, Mahimahi & Hee Rd.	\$139,494		(\$39,494)	\$100,000		\$100,000

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FISCAL YEAR 2013-2014  
CIP REPLACEMENT BUDGET  
WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>TOTAL CONTRACTS 2011 - 2012:</b>	\$2,270,652	\$4,671,000	<b>-\$2,580,839</b>	\$4,360,813	\$10,802	\$4,371,615

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CIP REPLACEMENT BUDGET  
WATER UTILITY FUND**

CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2012 - 2013 CONTRACTS</b>						
709 Con 557, Okahara, Job No. 11-07, WP2020 project No. KP-09, Koloa, Wells 16A & 16B Well, Site and Building Improvements Koloa, Kauai, Hawaii		\$199,592	(\$100,000)	\$99,592		\$99,592
712 Con 561, Goodfellow Brothers, Inc. - Job. No. 02-19, WP 2020, WK-12, Main Replacement along Kuhio Hwy, Wailua Kapaa Water System		\$2,147,000	(\$2,147,000)	\$0		\$0
Job 04-03, WP 2020 WK-30, Pipeline Replacement along Waipouli Rd & 717 Olohena Rd		\$1,744,400	(\$1,744,400)	\$0		\$0
<b>TOTAL CONTRACTS 2012 - 2013:</b>	\$0	\$4,090,992	-\$3,991,400	\$99,592	\$0	\$99,592
<b>TOTAL CIP CONTRACT ENCUMBRANCES:</b>	<b>\$2,945,100</b>	<b>\$8,761,992</b>	<b>(\$6,576,079)</b>	<b>\$5,131,013</b>	<b>\$278,743</b>	<b>\$5,409,756</b>



**DEPARTMENT OF WATER**  
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**FISCAL YEAR**  
**2013 - 2014**  
**CAPITAL REHABILITATION PROGRAM BUDGET**  
**WATER UTILITY FUND**

RESOURCES AND EXPENDITURES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 BUDGET
		BUDGETED	ESTIMATED	
101b. CAPITAL REHABILITATION PROJECTS		\$470,531	\$199,592	\$250,410
CONTRACTED CRP PROJECTS	\$ 174,884	\$463,371	\$984,583	\$76,902
<b>TOTAL CAPITAL REHABILITATION PROJECTS:</b>	<b>\$174,884</b>	<b>\$933,902</b>	<b>\$1,184,175</b>	<b>\$327,312</b>

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FISCAL YEAR  
2013 - 2014  
CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

101b. CAPITAL REHABILITATION PROJECTS	FY 2013			FY 2014		
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
PLH-39b, Renovate DOW Operations, Administration & Micro Lab buildings				\$0	\$50,000	\$50,000
Repair Hanapepe Well River Crossing					\$100,000	\$100,000
Island-Wide, State Hazard Mitigation, Program, Matching Funds for Hardening Essential Facilities (8/15/01 BOD meeting), KW-24, WK-15, PLH-12	\$1			\$1		\$1
HE-11 Hanapepe - Eleele Road to Salt Pond, 6" Main Replacement (5379')	\$1		\$0	\$1	(\$1)	\$0
Job 11-02 WP 2020 #PLH-01a - Replace Grove Farm Tanks 1 & 2	\$0			\$0	\$1	\$1
Job 11-07 WP 2020 HE-03 Hanapepe & Koloa Well MCC Improvements (in design - Okahara, con 557)	\$ 300,000	(\$199,592)		\$ 100,408		\$100,408
K-17, Construct Kalaheo Surface Water Treatment Facility 0.5 MGD	\$170,529			\$170,529	(\$170,529)	\$0
<b>TOTAL CAPITAL REHABILITATION PROJECTS:</b>	<b>\$470,531</b>	<b>(\$199,592)</b>	<b>\$0</b>	<b>\$270,939</b>	<b>(\$20,529)</b>	<b>\$250,410</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR  
2013 - 2014  
CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

101b. CAPITAL REHABILITATION PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>1997 - 1998 CONTRACTS</b>						
464. Job No. 97-1, Contract No. 309, SSFM Engineers, repair Kokolau Tunnel	\$1			\$1	(\$1)	\$0
<b>TOTAL 1997 - 1998 CONTRACTS:</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1</b>	<b>(\$1)</b>	<b>\$0</b>
<b>1999 - 2000 CONTRACTS</b>						
499. Job No. 97-7, Contract No. 346, Wagner Engineering Service, Repl Lawai 8" WL	\$1			\$1		\$1
<b>TOTAL 1999 - 2000 CONTRACTS:</b>	<b>\$1</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1</b>	<b>\$0</b>	<b>\$1</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
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CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

<b>101b. CAPITAL REHABILITATION PROJECTS</b>	<b>FY 2013</b>				<b>FY 2014</b>	
	<b>2012 - 2013 BUDGET</b>	<b>(CONTRACTED)/ ADDITIONS/ (DELETIONS)</b>	<b>ESTIMATED PAYMENTS</b>	<b>ENCUMBERED</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>PROPOSED BUDGET</b>
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2002 - 2003 CONTRACTS</b>						
587. Job No. 02-15, Contract No. 403, RM Towill Corp., Wailua Hsfts Main Replacement	\$82,637		(\$70,000)	\$12,637		\$12,637
588. Job No. 02-18, Contract No. 404, Fukunaga & Assoc., Kapaa Homesteads Pipeline Replacement	\$51,100		(\$40,000)	\$11,100		\$11,100
591. Job No. 02-17, Contract No. 408, Wagner Engineering, Inc., Maka Ridge DW, Tank & Pipeline	\$17,309		(\$12,000)	\$5,309		\$5,309
<b>TOTAL 2002 - 2003 CONTRACTS:</b>	<b>\$151,046</b>	<b>\$0</b>	<b>(\$122,000)</b>	<b>\$29,046</b>	<b>\$0</b>	<b>\$29,046</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR  
2013 - 2014  
CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

101b. CAPITAL REHABILITATION PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2003 - 2004 CONTRACTS</b>						
601. Job No. 02-08, Eleele Twin 0.4 MG Tanks, Contract No. 420 Hawaii Pacific Engineers	\$8,327	\$0	(\$7,000)	\$1,327		\$1,327
607. Job No. 02-21, Rehabilitate and Deepen Existing Wells, Contract No. 425, Hawaii Pacific Engineering (fr CIP)	\$3,149	\$0		\$3,149		\$3,149
609. Job No. 03-02, Contract No. 428, Brown & Caldwell, Renovations Wainiha Booster, Haena Steel Tank, Anahola 0.15 MG Tank, Kekaha Shaft.	\$29,587		(\$20,000)	\$9,587		\$9,587
<b>TOTAL 2003 - 2004 CONTRACTS</b>	<b>\$41,063</b>	<b>\$0</b>	<b>(\$27,000)</b>	<b>\$14,063</b>	<b>\$0</b>	<b>\$14,063</b>
<b>2004 - 2005 CONTRACTS</b>						
630. WK-14, Job No. 04-02, Contract No. 447, Fukunaga & Associates, Pipeline Replacement, Vivian Heights and Kanaele Road	\$5,791		(\$5,791)	\$0		\$0
<b>TOTAL 2004 - 2005 CONTRACTS</b>	<b>\$5,791</b>	<b>\$0</b>	<b>(\$5,791)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR  
2013 - 2014  
CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

<b>101b. CAPITAL REHABILITATION PROJECTS</b>	<b>FY 2013</b>				<b>FY 2014</b>	
	<b>2012 - 2013 BUDGET</b>	<b>(CONTRACTED)/ ADDITIONS/ (DELETIONS)</b>	<b>ESTIMATED PAYMENTS</b>	<b>ENCUMBERED</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>PROPOSED BUDGET</b>
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2005 - 2006 CONTRACTS</b>						
634. WK-30, Job 04-03, Contract No. 450, ParEn Inc., Waipouli-Olohena Rd Pipeline	\$28,420		(\$15,000)	\$13,420		\$13,420
638. PLH-30, Job No. 05-05, Contract No. 453, Belt Collins & Associates, Nawiliwili, Niumalu, Kupolo Main Replacement	\$19,938		(\$19,938)	\$0		\$0
<b>2005 - 2006 CONTRACTS CON'T</b>						
647. KW-05, KW-20, Job No. 04-06, Engineering Solutions Inc., Renovate Waimea Well A and Kekaha Well B	\$17,519		(\$17,519)	\$0		\$0
<b>TOTAL 2005 - 2006 CONTRACTS</b>	<b>\$65,877</b>	<b>\$0</b>	<b>(\$52,457)</b>	<b>\$13,420</b>	<b>\$0</b>	<b>\$13,420</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR  
2013 - 2014  
CAPITAL REHABILITATION PROGRAM BUDGET  
WATER UTILITY FUND**

101b. CAPITAL REHABILITATION PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2012 - 2013 CONTRACTS</b>						
709 Con # 557, Okahara, Job 11-07 WP 2020 HE-03 Hanapepe & Koloa Well MCC Improvements (moved to tab 12)	\$199,592		(\$199,592)	\$0		\$0
710 Con 558, Job 12-8, Kalepa Back Pressure Valve (BPV) Replacement		\$20,372		\$20,372		\$20,372
713 Con 564, R. Electric, Inc. -Furnishing and Installation, in place, complete and operational of new Reduced Voltage Soft Starters, Power Factor Correction Capacitors, Surge Protective Devices		\$73,722	(\$73,722)	\$0		\$0
714 con 565, Derrick's Wll Drilling - Furnishing and Delivery of Premium Efficient, Hollow Shaft, Vertical Turbine Pump Motors		\$203,000	(\$203,000)	\$0		\$0
716 MOA 13-1, Kukuiula development, LO-11Job No. LO-11, Omao 6 inch Main Replacements		\$301,021	(\$301,021)	\$0		\$0
<b>TOTAL 2012 - 2013 CONTRACTS</b>	<b>\$199,592</b>	<b>\$598,115</b>	<b>(\$777,335)</b>	<b>\$20,372</b>	<b>\$0</b>	<b>\$20,372</b>
<b>TOTAL CRP CONTRACT</b>	<b>\$463,371</b>	<b>\$598,115</b>	<b>(\$984,583)</b>	<b>\$76,903</b>	<b>(\$1)</b>	<b>\$76,902</b>
				\$76,903		

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND**

RESOURCES AND EXPENDITURES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
<b>BEGINNING BALANCE:</b>	\$ 4,367,932	\$ 3,224,354	\$ 3,224,354	\$ 2,271,998	
Projected Resources	\$888,440	\$1,350,442	\$931,692	\$ 1,790,253	
<b>TOTAL RESOURCES:</b>	\$ 5,256,372	\$ 4,574,796	\$ 4,156,046	\$ 4,062,251	\$ -
Fund Balance		\$1,929,506		\$ 1,364,046	
Debt Service	\$ 1,989,115	\$1,968,273	\$1,606,758	\$2,495,227	
Capital Improvement Projects - Encumbrance		\$380,000		\$150,003	
Capital Improvement Contracted Projects	\$ 42,903	\$297,017	\$277,290	\$52,975	
<b>TOTAL EXPENDITURES:</b>	\$ 2,032,018	\$4,574,796	\$ 1,884,048	\$ 4,062,251	\$ -
<b>ENDING BALANCE:</b>	\$ 3,224,354	\$ (0)	\$ 2,271,998	\$ 0	\$ 0



**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND**

RESOURCES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
4A. WSDF	\$ 547,100	\$1,000,000	\$600,000	\$1,500,000	
5A. INTEREST EARNED	\$ 34,649	\$43,750	\$25,000	\$12,000	
5B. BAB Subsidy	\$ 306,692	\$306,692	\$306,692	\$278,253	
<b>TOTAL RESOURCES:</b>	<b>\$888,440</b>	<b>\$1,350,442</b>	<b>\$931,692</b>	<b>\$1,790,253</b>	<b>\$0</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF - Fund</b>	<b>2012 - 2013 BUDGET</b>	<b>CONTRACTED / ESTIMATED PAYMENTS</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b>Fund Balance</b>						
301b WSDF Fund - Unencumbered Balance	\$1,929,505		\$ (565,460)	\$1,364,046		\$ 1,364,046
<b>301b WSDF Fund Balance</b>	\$1,929,505	\$0	<b>(\$565,460)</b>	\$1,364,046	\$0	\$1,364,046

<b>WSDF - Debt Service</b>						
301c WSDF Debt Service	\$1,968,273	<b>(\$1,606,758)</b>	<b>(\$361,515)</b>	<b>(\$0)</b>	\$2,495,227	\$2,495,227
<b>301c WSDF Debt Service</b>	<b>\$1,968,273</b>	<b>(\$1,606,758)</b>	<b>(\$361,515)</b>	<b>(\$0)</b>	<b>\$2,495,227</b>	<b>\$2,495,227</b>

**ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF (FRC) CIP</b>	<b>2012 - 2013 BUDGET</b>	<b>CONTRACTED / ESTIMATED PAYMENTS</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b><u>STORAGE</u></b>						
Moloaa Well Pipeline Easement	\$25,000			\$25,000	(\$24,999)	\$1
Hanalei Tank Pipeline Easement	\$25,000			\$25,000	(\$24,999)	\$1
Kalaheo, Kukuioolono Tank Site Exchange	\$30,000			\$30,000	(\$29,999)	\$1
<b>TOTAL STORAGE:</b>	<b>\$80,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,000</b>	<b>(\$79,997)</b>	<b>\$3</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF (FRC) CIP</b>	<b>2012 - 2013 BUDGET</b>	<b>CONTRACTED</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b><u>WATER SOURCE</u></b>						
WK -23, UH Experimental Station (Phase I)	\$50,000	(\$40,425)		\$9,575	(\$9,575)	\$0
Land Acquisition, Koloa D					\$50,000	\$50,000
Land Acquisition - Koloa F	\$50,000			\$50,000		\$50,000
<b>TOTAL WATER SOURCE</b>	<b>\$100,000</b>	<b>(\$40,425)</b>	<b>\$0</b>	<b>\$59,575</b>	<b>\$40,425</b>	<b>\$100,000</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF (FRC) CIP</b>	<b>2012 - 2013 BUDGET</b>	<b>CONTRACTED/ ESTIMATED PAYMENTS</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b><u>WATER SOURCE DEVELOPMENT</u></b>						\$0
<b>TOTAL WATER SOURCE DEVELOPMENT:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			
<b><u>WSDF OFFSET/ REFUNDS</u></b>	<b>\$200,000</b>	<b>\$0</b>		\$200,000	( <b>\$150,000</b> )	\$50,000
<b>TOTAL</b>	\$200,000	\$0	\$0	\$200,000	( <b>\$150,000</b> )	\$50,000
<b>TOTAL CAPITAL IMPROVEMENT PROJECTS:</b>	<b>\$380,000</b>	<b>(<b>\$40,425</b>)</b>	<b>\$0</b>	<b>\$339,575</b>	<b>(<b>\$189,572</b>)</b>	<b>\$150,003</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF (FRC) CIP</b>	<b>2012 - 2013 BUDGET</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ESTIMATED PAYMENTS</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>1998 - 1999 CONTRACTS</b>						
302. Job No. 87-1, Contract No. 322, GMP Assoc., Inc., Poipu Storage Tank	\$2,050			\$2,050		\$2,050
<b>TOTAL CONTRACTS 1998 - 1999:</b>	<b>\$2,050</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,050</b>	<b>\$0</b>	<b>\$2,050</b>
<b>1999 - 2000 CONTRACTS</b>						
304. Job No. 98-33, Contract No. 345, Fukunaga & Assoc., Drill and Test Wailua Well No. 3	\$10,500		\$0	\$10,500		\$10,500
<b>TOTAL CONTRACTS 1999 - 2000:</b>	<b>\$10,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,500</b>		<b>\$10,500</b>

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

<b>301. WSDF (FRC) CIP</b>	<b>2012 - 2013 BUDGET</b>	<b>ADDITIONS (DELETIONS)</b>	<b>ESTIMATED PAYMENTS</b>	<b>ENCUMBRANCE</b>	<b>PROPOSED ADDITIONS (DELETIONS)</b>	<b>2013 - 2014 BUDGET</b>
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2005 - 2006 CONTRACTS</b>						
318. H-8, HW-12, Job No. 05-02, Contract No. 457, Kodani & Associates, Inc., Drill and Test Wainiha Well No. 4	\$160,340		(\$160,340)	\$0		\$0
<b>TOTAL CONTRACTS 2005 - 2006</b>	\$160,340	\$0	(\$160,340)	\$0		\$0
<b>2006 - 2007 CONTRACTS</b>						
321. WK-23, Job No. 93-1, Contract No. 471, Portech, 250,000 MG UH Tank	\$7,177			\$7,177	(\$7,177)	\$0
<b>TOTAL CONTRACTS 2006 - 2007</b>	\$7,177	\$0	\$0	\$7,177	(\$7,177)	\$0

**DEPARTMENT OF WATER  
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET  
FISCAL YEAR 2013 - 2014  
WSDF (FRC) FUND - CAPITAL IMPROVEMENT PROJECTS BUDGET**

301. WSDF (FRC) CIP	2012 - 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED	ENCUMBRANCE	PROPOSED ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<b><u>CONTRACT ENCUMBRANCES</u></b>						
<b>2007 - 2008 CONTRACTS</b>						
324. WK-39, Contract No. 488, HDR Engineering, Inc., Drill and Test Kapaa Homesteads Well No. 4.	\$116,950	\$0	(\$116,950)	\$0		\$0
<b>TOTAL CONTRACTS 2007 - 2008</b>	\$116,950	\$0	(\$116,950)	\$0	\$0	\$0
<b>2012 - 2013 CONTRACTS</b>						
xxx Contract No. 567, Esaki Surveying -WP 2020 Job No. 12-2, Construct UH Experimental Station, 605' Tank , Kauai, HI		\$40,425	\$0	\$40,425		\$40,425
<b>TOTAL CONTRACTS 2008 - 2009</b>	\$0	\$40,425	\$0	\$40,425	\$0	\$40,425
<b>TOTAL CONTRACT ENCUMBRANCES:</b>						
	<b>\$297,017</b>	<b>\$40,425</b>	<b>(\$277,290)</b>	<b>\$60,152</b>	<b>(\$7,177)</b>	<b>\$52,975</b>



DEPARTMENT OF WATER  
WATERWORKS BUILD AMERICA PROJECT FUND  
CAPITAL IMPROVEMENT PROJECTS  
FISCAL YEAR 2013-2014

RESOURCES AND EXPENDITURES	FY 2012 ACTUAL	FY 2013		FY 2014	
		BUDGETED	ESTIMATED	PROPOSED	APPROVED
<b>CASH, Beginning Balance:</b>	<u>\$ 42,251,093.01</u>	<u>\$ 30,593,327.02</u>	<u>\$ 30,593,327.02</u>	<u>\$ 19,841,489.03</u>	
<b>Other Resources:</b>					
Interest Income, Accrued	\$ 2,084,422	\$ 2,084,422	\$ 2,084,422	\$ 2,404,422	
Projected Resources		\$ 210,000	\$ 320,000	\$ 100,000	
<b>TOTAL RESOURCES:</b>	<b>\$ 44,335,515</b>	<b>\$ 32,887,749</b>	<b>\$ 32,997,749</b>	<b>\$ 22,345,911</b>	<b>\$ -</b>
BAB- CIP Fund		\$ 21,970,680		\$ 21,591,411	
Contracted CIP Projects	\$ 11,657,766	\$10,917,069	\$10,751,838	\$ 754,500	
<b>TOTAL EXPENDITURES:</b>	<b>\$ 11,657,766</b>	<b>\$ 32,887,749</b>	<b>10,751,838</b>	<b>22,345,911</b>	<b>0</b>
<b>ENDING BALANCE:</b>	<b>\$ 32,677,749</b>	<b>\$ -</b>	<b>22,245,911</b>	<b>0</b>	<b>0</b>

**DEPARTMENT OF WATER  
WATERWORKS BUILD AMERICA PROJECT FUND  
CIP ENCUMBRANCES & PROJECT PRIORITY LIST  
FISCAL YEAR 2013-2014**

BAB FUND	FY 2013			FY 2014		
	2012 - 2013 BUDGET	(CONTRACTED)	ADDITIONS (DELETIONS)	ENCUMBERED	PROPOSED NEW ADDITIONS	2013 - 2014 BUDGET
<b>201-01: BAB - CAPITAL IMPROVEMENT PROJECTS</b>						<b>\$ 21,591,411</b>
<b>1. ENCUMBRANCES:</b>						
Job 02-11, M-02 Land Acquisition	\$ 121,000			\$ 121,000		\$ 121,000
Job #13-3, WAP 2020 Job No. PLH-44b, Lihue Mill Bridge Waterline, Lihue, Kauai, HI (DOT State highway widening)	\$ 1		\$ 633,499	\$ 633,500		\$ 633,500
						\$ -
<b>TOTAL ENCUMBRANCES</b>	<b>\$ 121,001</b>	<b>\$ -</b>	<b>\$ 633,499</b>		<b>\$ -</b>	<b>\$ 754,500</b>

**DEPARTMENT OF WATER  
WATERWORKS BUILD AMERICA PROJECT FUND  
CIP ENCUMBRANCES & PROJECT PRIORITY LIST  
FISCAL YEAR 2013-2014**

BAB FUND	FY 2013			FY 2014		
	2012 - 2013 BUDGET	(CONTRACTED)	ADDITIONS (DELETIONS)	ENCUMBERED	PROPOSED NEW ADDITIONS	2013 - 2014 BUDGET
<b>CIP FUND BALANCE AVAILABLE FOR FY 2014 PROJECT PRIORITY LIST</b>						<b>\$ 20,836,911</b>
<b>2. PROJECT PRIORITY LIST</b>						
K-01, Yamada Tank (Nursery Tank) and Connecting Pipeline (WU 1.5M)	\$ 7,000,000		\$ (2,450,000)	\$ 4,550,000		\$ 4,550,000
PLH-39, DOW Baseyard Improvements Phase I (est \$7M).	\$ 4,000,000			\$ 4,000,000	\$ 2,000,000	\$ 6,000,000
Job 02-06, WP 2020, WKK-15, Kilauea 1.0MG Tank (est 3M)	\$ 4,000,000			\$ 4,000,000	\$ (4,000,000)	\$ -
WK 39, Drill & Tess Kapaa Hmstds. Well # 4	\$ 750,000			\$ 750,000		\$ 750,000
H8, HW12, <del>Hanalei &amp;</del> Wainiha /Haena <del>Fest</del> Wells - Drill & test.	\$ 750,000			\$ 750,000		\$ 750,000
Job 11-01, WP 2020, PLH-01A, Replace Grove Farm Tanks 1 & 2 (est \$3M)	\$ 3,000,000		\$ (633,499)	\$ 2,366,501	\$ (2,366,500)	\$ 1
WK K02, Drill & Test Kilauea Well # 3	\$ 750,000			\$ 750,000		\$ 750,000
Job 02-11, M-02, Moloaa 0.1 MG Tank (est \$1.5M) (FRC partial)	\$ 1,000,000		\$ (1,000,000)	\$ -	\$ 1	\$ 1
PLH 27, Kuhio Hwy. 16" ML Replacement				\$ -	\$ 1	\$ 1
Job 02-14, WK-08, Kapahi 1.0 MG Tank(est \$8M) (State CIP Approp Req)	\$ 1			\$ 1	\$ 7,999,999	\$ 8,000,000

**DEPARTMENT OF WATER  
WATERWORKS BUILD AMERICA PROJECT FUND  
CIP ENCUMBRANCES & PROJECT PRIORITY LIST  
FISCAL YEAR 2013-2014**

BAB FUND	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)	ADDITIONS (DELETIONS)	ENCUMBERED	PROPOSED NEW ADDITIONS	2013 - 2014 BUDGET
Job 02-19, WK-12, Waipouli Main Replacement - Kuhio Hwy (est \$3M)	\$ 1			\$ 1	\$ (1)	\$ -
Job 04-03, WK-30, Pipeline Replacement along Waipouli Road and Olohena Road (est \$2M)	\$ 1			\$ 1	\$ (1)	\$ -
Job 06-01, KW-28, AMFAC Well (est \$2M)	\$ 1			\$ 1		\$ 1
Job 10-01, WP 2020, ANI-01, Anini Pipeline (est \$3M)	\$ 1			\$ 1		\$ 1
Job 11-04 WP 2020 #LO-08, LO-10 Omao -Lawai Pipeline (est \$2M)	\$ 1			\$ 1		\$ 1
Job 11-06 WP 2020 #WK-01 Rehabilitate Moalepe Tunnel and Access Road (est \$2M)	\$ 1			\$ 1		\$ 1
Job 11-07 WP 2020 HE-03 Hanapepe & Koloa Well MCC Imprvmnts (est \$1.5M)	\$ 1			\$ 1		\$ 1
Job 11-08, Poipu 1 MG Tank				\$ -	\$ 1	\$ 1
WK-02, Akulikuli Tunnel (est. 5M)				\$ -	\$ 36,902	\$ 36,902
<b>TOTAL CAPITAL IMPROVEMENT PROJECTS:</b>	<b>\$ 21,250,008</b>	<b>\$ -</b>	<b>\$ (4,083,499)</b>	<b>\$ 17,166,509</b>	<b>\$ 3,670,402</b>	<b>\$ 20,836,911</b>

**DEPARTMENT OF WATER  
WATERWORKS BUILD AMERICA PROJECT FUND  
CIP FUND - CONTRACT ENCUMBRANCES  
FISCAL YEAR 2013-2014**

BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2009 - 2010 CONTRACTS</b>						
218 Con 513, Jennings Pacific, LLC, Job No. 02-18, WK - 32 Kapaa Homesteads Pipe Replacement	\$57		(57)	\$0		\$0
219 Con 514, Earthworks Pacific, Job No. 04-02, WK-14, Pipeline Replacement for Vivian Heights	\$139,276		(105,007)	\$34,269	(\$34,269)	\$0
220 Con 516, Unlimited Builders, LLC Job No. 03-02, HW-02, Wainiha Booster Pump Station	\$1,662,633		(1,662,633)	\$0		\$0
683 Con 503 (201-01) Goodfellow Brothers, Inc. Job 04-06, KW-05, Kekaha Well "B" Renovations	\$ 43,204		(42,829)	\$375	375	(\$0)
684 Con 504, Goodfellow Bros., Inc Job 05-01 KW-16 Waimea Main Replacement	\$0		0	\$0		\$0
687 Con 507 Koga Engineering & Const. Job 02-03, KW 14 12" WL	\$0			\$0		\$0
<b>TOTAL CONTRACTS 2009-2010:</b>	<b>\$1,845,170</b>	<b>\$0</b>	<b>(1,810,526)</b>	<b>\$34,644</b>	<b>(\$34,644)</b>	<b>(\$0)</b>

BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2010 - 2011 CONTRACTS</b>						
221 Con 520 Fukunaga & Associates Job # 10-01, Ani-01a Pipeline Repl - Anini Road	\$333,560		(333,560)	\$0		\$0
222 Con 519 Park Engineering - Job # 10-02, Upsizing of the Kaumualii Hwy. 16'	\$14,103		(14,103)	\$0		\$0
223 Con 523 BCP Construction of Hawaii Job 05-06, PLH 25 Eiwa, Umi, Akahi 8" ML Repl (final pmt)	\$207,527		(207,527)	\$0		\$0
224 Con 524 Koga Engineering & Construction, Inc. Job 02-16, WP 2020 Proj WK 36, Pipeline Repl along Wailua, Ohana, Anolani & Kuamoo Rds.	\$897,084		(816,129)	\$80,955	(\$80,955)	(\$0)
225 Con 405 3rd n 4th Amm Kodani & (fr w/u 589) Assoc Job 02-19, KW -12 Waipouli Main Repl Wailua - Kapaa (fr w/u 589)	\$7,370		(7,370)	\$0		\$0
227 Con 525 KW - 20 R. Electric Waimea Well A Renovations (FINAL)	\$297,297	\$2,641	(299,938)	\$0.00	(\$0)	(\$0)
326 Con 518 LO-04, Unlimited Builders, LLc Job 02-02, Piiwai 677" 0.5 MG Storage Tank & Connecting Pipeline, Lawai	\$0		0	\$0		\$0

BOND FUND	FY 2013			FY 2014		
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2010-2011 CONTRACTS CONT.</b>						
230 Con 529 Oceanic Company, Inc. Job 02-08, WP 2020 Proj HE-08, Rehabilitation of Eleele Twin 0.4 MG Steel Tanks,	\$1,239,130		(1,239,130)	\$0		\$0
231 Con 530 Earthworks Pacific, Inc. Job 02-19, WP 2020 Proj WK-12, Waipouli Main Replacement	\$672,617		(672,617)	\$0		\$0
232 Con 427 Belt Collins Hawaii, Ltd., Job 02-14, Kapaa Homesteads 0.5 MG Tank & Kapahi 1.0 MG Tank & Connecting Pipelines, Wailua- Kapaa	\$30,638		(30,638)	\$0		\$0
233 Con 533 Job No. K-01, Kalaheo 1111' & 1222' Water System Improvements, Kalaheo, Kauai, HI	\$466,710		(466,710)	\$0		\$0
608 Con. No. 427, Belt Collins Hawaii 0.5 MG Tank & Kapahi 1.0 MG Tank (fr W/U)	\$25,922		(25,922)	\$0		\$0
621 Con No. 440, Kodani & Associates, Kilauea 1.0 MG Tank & Pipeline, Phase I (fr W/U)	\$179,350		(179,350)	\$0		\$0

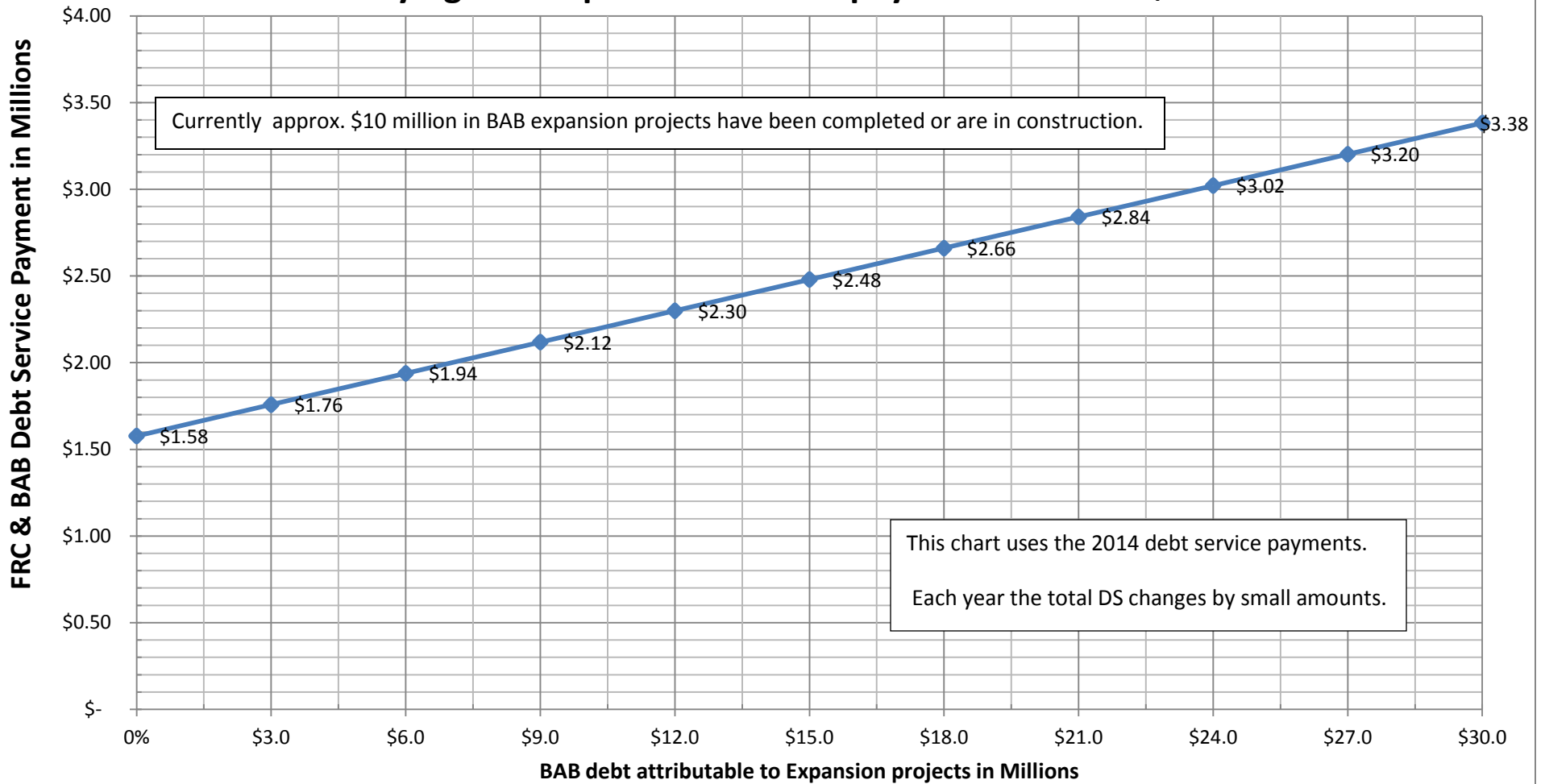
BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
692 Con No. 512, Architects Hawaii, Ltd., Job No. PLH-39, Lihue Baseyard Improvements for the DOW (fr W/U)	\$383,988		(383,988)	\$0		\$0
314 Job. No. 02-02, Fukunaga & Associates, Inc. Omao 0.5 MG Tank (fr FRC)	\$0		0	\$0	0	\$0
236 Job 10-02 Lihue, MOA with State of Hawaii for upsizing of the kaumualii Highway 16-inch to 24-inch waterline.	\$ 151,027		(151,027)	\$0		\$0
235 Con 534 Goodfellow Bros., Inc. - Job No. 05-05, PLH-30, Nawiliwili, Niumalu, and Kupolo 6", 8" and 12" Main Repl (Ph 1)	\$ 742,006		(689,733)	\$52,273	(\$52,273)	\$0
237 con 536, Esaki Surveying & Mapping, Inc. Job 11-02, PLH-01a Replace grove Farm Tanks #1 & #2	\$ 198,023		(198,023)	\$0		\$0
592 con 409, Esaki Surveying & Mapping, Inc.; Job 02-16, WK-36, P/L replace - Wailua	\$ 65,758		(65,758)	\$0		\$0
<b>2010 - 2011 CONTRACTS</b>	\$5,912,112	\$2,641	(5,781,524)	\$133,228	(\$133,229)	(\$0)



BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
<b>2011 - 2012 CONTRACTS</b>						
238 Con 544, Honoa Engineering, Job 11-04 (L-08, L-10) Water Main Replacement & Service Improvement	\$ 60,400		(60,400)	\$ -		\$ -
239 Con 542, Mei Corporation, Job 02-17, H-01, H-02, H-03 Maka Rideg Facilities Rehab & Princeville Interconnection Plan	\$ 2,500,000		(2,500,000)	\$ -		\$ -
240 Con 543, Oceanit Laboratories, Inc. Job 11-03, M-03 Land & Well Acquisition, Moloaa and Waimea	\$ 144,309		(144,309)	\$ -		\$ -
241 Con 457, Kodani & Associates Inc., Job 05-02, H-8, HW-12 Drill & Test Hanalei Well #2 & Wainiha Well #4	\$ 32,430		(32,430)	\$ -		\$ -
243 Con 550, Honua Engineering, Inc. Job 11-06, WK-01	\$ 81,340		(81,340)	\$ -		\$ -

BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
610 Con 429, Esaki Surveying & Mapping, Inc., Job 02-11, M-02, 100K Gal Tnk & Connecitng PL, Moloaa, Kauai. (Initial Con fr WU)	\$ 94,222		(94,222)	\$ -		\$ -
244 Con 551, Esaki Surveying & Mapping, Inc., WP 2020, Job # K-05A, Kukuilono 0.5 MG, 886' Tank	\$ 247,087		(247,087)	\$ -		\$ -
<b>TOTAL CONTRACTS 2011-2012:</b>	\$ 3,159,788	\$ -	(3,159,788)	\$ -	\$ -	\$ -
<b>TOTAL CONTRACTS ENCUMBRANCES</b>	\$10,917,069	\$2,641	(10,751,838)	\$167,872	(\$167,873)	(\$0)

## 2014 Expansion Projects Associated Debt Service Payment for Varying BAB Expenditures SRF payments Fixed at \$1.577 M



Note: FRC Debt Service minus full share of the Federal subsidy