

BOARD OF WATER SUPPLY of the COUNTY OF KAUA'I

REGULAR MEETING

**Second Floor, Microbiology Lab Bldg
Kaua'i County Department of Water
4398 Pua Loke Street, Lihu'e, Kaua'i, Hawai'i 96766**

THURSDAY, March 21, 2013

10:00 a.m.

Or soon thereafter

A. CALL TO ORDER

B. ROLL CALL

C. ACCEPTANCE OF AGENDA

D. MEETING MINUTES:

Review and approval of:

Regular Board Meeting – February 28, 2013

Review & Approval of Executive Session:

Executive Session – February 28, 2013

E. CORRESPONDENCE/ANNOUNCEMENTS

F. BOARD COMMITTEE REPORTS

G. OLD BUSINESS

1. Manager's Report No. 13-27 - Manager's Response to Mr. Harold Matsunaga's letter, dated January 3, 2013

H. NEW BUSINESS

1. Manager's Report No. 13-34 - Request for Board Approval for Grant of Easement W-1 from Kamalu KB LLC a domestic limited liability company for the 2nd Water Meter Plan for Lot 2, TMK: (4) 4-2-03:051, Wailua Homesteads, Kauai, Hawai'i
2. Manager's Report No. 13-35 - Request Board Approval on the Grant of Easement W-13 from Kaua'i Christian Fellowship, not for profit corporation for the Construction Plans for Domestic Water Meter and 6" RPDA Line for Parcel 21, TMK: (4)2-8-22:021, Kōloa, Kaua'i, Hawai'i

BOARD OF WATER SUPPLY
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March 21, 2013

3. Manager's Report No. 13-36 - Request for Board Approval for Water Plan 2020 Project PLH-39, Lihue Base Yard Improvements (Phase I), Lihue Water System, Lihue, Kauai, Hawaii
4. Manager's Report No. 13-37- Request for Board Approval for Job No. 12-04, WP2020 Project No. HE-14, Hanapepe-Eleele Booster Pump Replacement, Kauai, Hawaii
5. Manager's Report No. 13-38 – Request for Board Approval on Table on Organization Changes in the Administration Division
6. Manager's Report No. 13-39 – Revision of Board Policy No. 9 – concerning Meter Reading and Rendering of Bills
7. Manager's Report No. 13-40- Draft FY2014 Budget

I. REPORTS
MONTHLY

1. Statement of Kauai County Water Department's Revenues and Expenditures
2. Report by the Public Relations Specialist on Public Relations Activities
3. Chief of Operation's Summary Report on Monthly Operational Activities Report
4. Water Resources and Planning Subdivision Report
5. Manager's Monthly Update Regarding Activities of Note of the Kauai County Water Department
 - a. Report of the BAB Bond pay down as of February 2013

J. EXECUTIVE SESSION

Pursuant to H.R.S. §92-7(a), the Board may, when deemed necessary, hold an executive session on any agenda item without written public notice if the executive session was not anticipated in advance. Any such executive session shall be held pursuant to H.R.S. §92-4 and shall be limited to those items described in H.R.S. §92-5(a).

K. TOPICS FOR NEXT WATER BOARD MEETING

1. Public Hearing for Benefit Zones (*April 2013*)

L. TOPICS FOR FUTURE WATER BOARD MEETINGS

1. Board Adoption of FY2013-2014 Goals of the Manager (*May 2013*)

BOARD OF WATER SUPPLY
REGULAR MEETING
March 21, 2013

M. UPCOMING EVENTS

1. 39th Annual AWWA Hawaii Section Conference Honolulu, HI (*May 7-10, 2013*)
2. AWWA Annual Conference, Denver, CO (*June 9-13, 2013*)
3. HWWA Hawai'i Section Maui, HI (*October 23-25, 2013*)

N. NEXT WATER BOARD MEETING

1. Thursday, April 25, 2013, 10:00 a.m.
2. Thursday, May 23, 2013, 10:00 a.m.
3. Thursday, June 20, 2013, 10:00 a.m.
4. Thursday, July 25, 2013, 10:00 a.m.

O. ADJOURNMENT

Draft Minutes

The image features the text "Draft Minutes" in a bold, blue, sans-serif font. The letters have a thick green outline and a soft grey drop shadow beneath them, giving the text a three-dimensional appearance. The text is positioned in the upper-middle section of the page and is slightly tilted to the right.

MEETING MINUTES
BOARD OF WATER SUPPLY
Thursday, February 28, 2013

The Board of Water Supply, County of Kaua'i, met in regular meeting at the Board Conference Room in Līhu'e on Thursday, February 28, 2013. Chairperson Randall Nishimura called the meeting to order at 10:09 a.m. On roll call, the following answered present:

BOARD: Mr. Randall Nishimura, Chairperson
Mr. Clyde Nakaya
Mr. Sherman Shiraishi
Mr. Roy Oyama
Mr. Michael Dahilig
Mr. Larry Dill

ABSENT/EXCUSED: Mr. Raymond McCormick

Quorum was achieved with 6 members present at the time of roll call.

STAFF: Mr. David Craddick
Mr. Kirk Saiki
Mr. Val Reyna
Mr. Gregg Fujikawa
Mr. Dustin Moises
Ms. Marites Yano
Ms. Joy Buccat
Ms. Sandi Nadatani-Mendez
Mr. Jeff Mendez
Mr. Aaron Zambo
Ms. Mary-jane Garasi
Deputy County Attorney Andrea Suzuki

GUESTS: Mr. Harold Matsunaga
Ms. Barbara Pendragon, Kaua'i County Housing Agency

ACCEPTANCE OF AGENDA:

Mr. Oyama moved to accept the agenda; seconded by Mr. Shiraishi; with no objections, motion was carried with 6 ayes.

MINUTES:

Review and approval of:

Regular Board Meeting – January 24, 2013

Mr. Dahilig moved to approve the minutes of the Regular Board Meeting dated, January 24, 2013; seconded by Mr. Oyama; with no objections; motion was carried with 6 ayes.

At 10:12 a.m., Chair Nishimura called a recess to allow the Board to review the executive session minutes.

At 10:14 a.m., Chair Nishimura called the meeting back to order.

Review & Receive Executive Session Minutes:

Executive Session – January 24, 2013

Mr. Dahilig moved to approve the minutes of the executive session, dated January 24, 2013; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

CORRESPONDENCE/ANNOUNCEMENT

1. Welcome Deputy Manager, Kirk Saiki

Chair Nishimura welcomed Deputy Manager, Kirk Saiki to his first Board meeting and to wish him well in his new position.

2. Billing Service Assistant Short Term Position and Table of Organization

Chair Nishimura requested the Department to submit future position allocations, reallocations, or transfers for the Board's full knowledge.

Mr. Nakaya moved to receive the Billing Service Assistant Short Term Position and Table of Organization; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

Chair Nishimura commented that a new position was created. Unless the position is removed by the Board, the position may become a permanent in the future.

2. EMA – IT Strategic Plan version #1 draft dated 11-29-2012

Chair Nishimura acknowledged that the Board **Received for the Record** version #2 that was also emailed to the Board yesterday and posted for the public at www.kauaiwater.org.

Mr. Dill moved to accept version #2 as **Received for the Record**; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

Manager Craddick explained that last year the Board approved a budget for an IT Strategic Plan. The Department selected the consultant EMA who provided a draft. The Department then provided comments on the EMA – IT Strategic Plan draft dated, January 21, 2013. This draft had a provision to get new software for the financial plan.

Ms. Nancy Learner, EMA Consultant provided her testimony.

BACKGROUND:

Ms. Nancy Learner reviewed the IT Strategic Plan with senior staff who developed and used guidelines on how to evaluate potential technology investments. A business analysis was done on what the business needs are in the Department.

EMA identified ten (10) opportunities for the Department to make investments in either replacing older technology, modifying the way technology is used or adding some new pieces of technology. Some potential financial benefits were significantly in excess of the investment.

The cost of the technology will be outweighed by financial benefit, and there are areas of critical infrastructure needs (i.e., aging SCADA system, to renew technology infrastructure).

Ms. Learner explained by taking all ten (10) opportunities and looking at the annualized Return On Investment (ROI) using a six (6) year investment horizon, with the gloomiest estimate of what the cost would be, there would be a positive net present value.

DISCUSSION:

Mr. Shiraishi inquired if the EMA report was for the Board's review or will there be a follow up on implementation.

Manager Craddick commented that next month the budget will include items dealing with the IT financial plan. Further comments will not be needed. In the budget, the Department will implement SCADA issues since it is not giving historical information because the servers are not functioning. During the draft audit report, the IT plan may take until 2015 but the Board wanted to start sooner. This implementation will begin before the current budget year ends.

Chair Nishimura inquired what the overall present value of the 10 opportunity benefits would be.

Ms. Learner used conservative projections of benefits at \$430,000 (net present value) and \$2.37 million during the six year window range. The wide range was due to an extensive range of cost assumptions. At the low end of the range, EMA was optimistic about what the cost for contract services would be and the ability to utilize the existing software investment. The cost of staff time was not included. Ms. Learner explained at the high end of the cost range, EMA made gloomier assumptions about the viability of the existing software and included the cost of internal staff time.

The total return is between a range of 2% and 37% for the annualized ROI by looking at cumulative cost and benefits over a six year window. For deferred investments, there was only a tiny window of benefits.

On the high priority projects, chart of accounts and the financial system, the EMA annualized ROI is between 14% and 42%. There is significant benefit for the Department to make this investment. For the SCADA investments, the projections are between an annualized ROI of -7% to positive 1%. This is not only a financial decision; it is critical infrastructure investment that should be made.

Mr. Dill commented that the use of open architecture software as the guideline is one of the Department's strategic plan initiatives. The report mentioned only one person from Engineering was interviewed. Ms. Learner will need to interview the Engineering staff for a better representation on the report.

This is an ambitious IT plan with two (2) staff assigned to implement the IT plan and one (1) staff to focus on the SCADA.

The other nine issues with the existing two (2) staff raised Mr. Dill's concern whether the Department can implement the plan with only 2 staff members.

Chair Nishimura's concern is that the IT Plan has not been adopted by the staff or the Board and that the funding is quite significant.

Chair Nishimura questioned the Department on: 1) What are the Department's priorities? 2) What is the spending plan for the next three (3) years? 3) What are the means for implementing the plan?

Mr. Nakaya moved to refer the EMA-IT Strategic Plan, *Version #2* back to the Department for their recommendation for adoption and implementation; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

3. DOW - Long Term IT Strategic Plan, Jeff Mendez dated March 2012

BACKGROUND:

Manager Craddick indicated the only purpose of the DOW – Long Term IT Strategic Plan was to see where the Department started from. It is not necessary to evaluate the final plan.

Mr. Nakaya moved to receive the DOW - Long Term IT Strategic Plan, Jeff Mendez *dated March 2012*; seconded by Mr. Oyama, with no objections; motion was carried with 6 ayes.

BOARD COMMITTEE REPORTS

1. Report of the Finance Committee of the Kauai County Board of Water Supply
 - a. Water System Development Fee – Report to the Finance Committee
 - b. Needs Assessment Study and FRC *revised* January 24, 2013
 - c. Part 4 Fixing Rates for Water Service, Section VII Facilities Reserve Charge

Mr. Dill reported that the Finance Committee met on February 5, 2013 on the topics which were referred back to the Department and the consultant for further analysis. A Finance written report will be submitted in the future.

OLD BUSINESS

None

NEW BUSINESS

1. **Manager's Report No. 13-25 - Request Board Approval and Funding for Job No. 13-3, Water Plan 2020 Job No. PLH-44b, Lihue Mill Bridge Waterline, Lihue, Kauai, Hawai'i**

BACKGROUND

Manager Craddick reported that this is a continuation on a road widening project which was completed. A 16" line was put in and was relocated by the state. The Department is upsizing the 16" line which will go underneath a thick concrete road for the future. The previous pipeline has a large portion that was asbestos concrete. This portion will go where the road ends pass the bridge and is estimated at \$633,500 with a 5% contingency and is being done on a force account basis. Funding is coming out of the Build America Bond (BAB) and is an expansion project. The state is still paying for the 16" line portion which is a replacement.

At 10:34 a.m., Chair Nishimura called for a 5 minute recess.

At 10:37 a.m., Chair Nishimura called the meeting back to order.

Manager Craddick emphasized that the BAB had a project list that was upsizing the line which is a specific number. This phase has a different job number which is part of the same project and is in the Department's budget. The job number does not have anything to do with the approval of the project.

Chair Nishimura inquired if the bond counsel was consulted to insure that the job would be covered by the bond.

Manager Craddick acknowledged he did not consult with the bond counsel. The issue is in the project list. Consulting with the bond counsel may take about a month.

Chair Nishimura inquired if the FRC fund can carry this cost.

Ms. Yano acknowledged the FRC fund could carry the cost of \$632,000.

Chair Nishimura expressed a few concerns: 1) If the BAB cannot fund this, can the FRC fund the project, which would an alternative? 2) This needs to be taken care of with the bond counsel so that this will not jeopardize the bond funds, 3) Mr. Shiraishi suggested a conditional approval on confirmation from bond counsel, 4) Manager Craddick indicated the project list would have to be amended if this is funded under the FRC.

Manager Craddick shared a concern that the FRC could be funded for the next budget year only after that with no increase in the fee the Department may or may not have enough money to fund the debt service under the FRC funds. We are trying to avoid taking cash out the FRC funds due to not a lot of excess funds. If any cash is taken out, it moves closer the time table of bankruptcy of the fund closer.

Mr. Shiraishi inquired if this project will be covered by the BAB fund.

Manager Craddick feels it could be with Board approval; the job numbers does not make any difference if they are listed or not. Only the project must be listed which it is.

Mr. Dill questioned if the scope is just as important.

Manager Craddick commented that the Department knew this was coming up and the scope was to take it to Kaua'i Community College (KCC) and to tie in with Lihue Town.

Chair Nishimura questioned when the Department was considering the overall project, why was this not presented earlier?

Manager Craddick explained that the state is doing this in two (2) phases and the Department did not have the option in one phase.

Chair Nishimura commented that if the state did not go on with the Lihue Mill Bridge, this project would not be in consideration, which suggests two different scopes.

Mr. Dill suggested the Department needs to be consistent with what the Department decides to do before going to the bond counsel.

Construction Project Management Officer, Mr. Dustin Moises acknowledged there was no Scope of Work on the BAB; only a list of projects. In the past, the Board wanted to make sure the projects were on the list. The Department should research and amend the list next month for approval.

Mr. Shiraishi moved to approve Manager's Report 13-25 Request for Funding for Job No. 13-3, Water Plan 2020 Job No. PLH-44b, Lihue Mill Bridge Waterline, Lihue, Kauai, Hawai'i subject to Scope of Work favorable opinion from bond counsel that this project is covered by the bond documents; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

2. Manager's Report No. 13-26 – Manager's Response to Ms. LaVerne Bessert's letter, dated December 19, 2012

BACKGROUND:

Manager Craddick explained that Ms. Bessert is requesting the Department to waive a portion of her bill based on hardship.

DISCUSSION:

Based on the Department's Rules and Regulations, the staff cannot authorize Ms. Bessert's request because this was not an underground leak. Staff has offered Ms. Bessert to make installment payments (refer to Ms. Yano's response letter to Ms. Bessert dated February 7th).

Commission Support Clerk spoke to Ms. Bessert inviting her to the Board meeting. Ms. Bessert decided not to attend but will be making small payments.

Chair Nishimura requested the Department to develop a Standard Operating Procedure (SOP) for customers who request a waiver for portions on their bill. If a customer comes to the Department first, the Department should acknowledge their request with a letter explaining why the Department cannot grant them a waiver. The customer has an option to get a declaratory ruling by laying out the procedures for them.

Mr. Dahilig moved to receive Manager's Response to Ms. LaVerne Bessert's letter, dated December 19, 2012; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

3. Manager's Report No. 13-27 - Manager's Response to Mr. Harold Matsunaga's letter, dated January 3, 2013

Mr. Harold Matsunaga provided his testimony.

Mr. Matsunaga distributed his meter readings the past six (6) months for the record to the Board.

WATER METER READINGS

RECEIVED FOR THE RECORD

<u>METER READING</u>	<u>DATE-2013</u>	<u>TIME</u>
828 330	JANUARY 2	1:18 PM
828 650	JANUARY 3	9:13 AM
828 910	JANUARY 4	8:41 AM
828 970	JANUARY 4	3:57 PM
829 130	JANUARY 4	4:23 PM
829 190	JANUARY 5	7:58 AM
829 460	JANUARY 6	12:07 PM

DRAFT

829 730	JANUARY 7	8:50 AM
829 970	JANUARY 8	8:46 AM
830 230	JANUARY 9	9:36 AM

FOR EIGHT(8) DAYS, I USED 1,900 GALLONS OF WATER-- WHICH
AVERAGED OUT TO 237.5 GALLONS PER DAY

Submitted by: Harold Matsunaga

~~XXXXXXXXXXXXXXXXXXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~

DRAFT

METER READING

DATE-2013

TIME

830 230

JANUARY 9

9:36 AM

844 390

FEBRUARY 27

5:00 PM

14,160 GALLONS USED FROM 1/9/13 TO 2/27/13 (49 DAYS)

22 days in January

27 days in February

289 GALLONS DAILY AVERAGE

Submitted by: Harold Matsunaga

~~XXXXXXXXXXXXXXXXXXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~

Department of



DEPARTMENT OF WATER

County of Kaua'i
 4398 Pua Loke Street
 Lihue, HI 96766-1600
www.kauaiwater.org

Water Bill Questions?808-245-5442
 Water Trouble? (6:00 am to 4:30 pm)808-245-5444
 Call Police Dispatch (After hours, holidays, weekends) . . .808-241-1711
 Office Hours: Monday thru Friday 8:00 am to 4:15 pm

Water has no substitute... Conserve it!

ACCOUNT INFORMATION

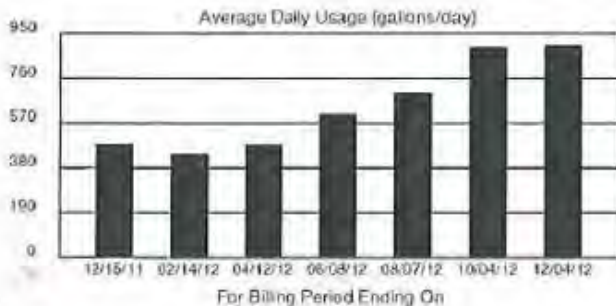
Account Number ~~XXXXXXXXXXXX~~
 Name HAROLD MATSUNAGA
 Address ~~XXXXXXXXXXXX~~
 Billing Date 12/05/2012
 Meter Number 08100381
 Meter Size 5/8"

BILLING SUMMARY (See back for details)

Service Period 10/04/2012 - 12/04/2012
 Previous Balance \$351.12
 Payments \$351.12
 Adjustments \$0.00
 Current Charges \$376.20

TOTAL AMOUNT DUE \$376.20

Payment Must Reach Us By 12/24/2012
 ABP Amount will be deducted on 12/24/2012



DATE	BILLED	THOUS. GAL	DAYS	GAL/DAY
12/04/2012	\$376.20	55	61	902
10/04/2012	\$351.12	52	58	897
08/07/2012	\$256.83	42	60	700
06/08/2012	\$190.70	35	57	614
04/12/2012	\$140.58	28	58	483
02/14/2012	\$132.00	27	61	443
12/15/2011	\$129.48	28	58	483

Indicate address changes below. Please detach and return bottom portion with your payment.

DEPARTMENT OF WATER

County of Kaua'i
 4398 Pua Loke Street
 Lihue, HI 96766-1600



ACCOUNT NUMBER

~~XXXXXXXXXXXX~~

PAYMENT MUST REACH US BY

12/24/2012

PAYMENT MUST REACH US BY date applies to Current Charges only. All past due amounts are due immediately.

TOTAL AMOUNT DUE

\$376.20

AMOUNT ENCLOSED - KAUAI

DO NOT PAY

THANK YOU



136 1 AV 0.350
 HAROLD MATSUNAGA
~~XXXXXXXXXXXX~~
~~XXXXXXXXXXXX~~

HDWS0286
 HK 10RP-101-T-1

DATE	PAYMENTS/ADJUSTMENTS/CHARGES	AMOUNT	BALANCE
	Previous Balance		351.12
10/24/2012	Payment - Thank You	-351.12	
	Balance before Current Charges		0.00
	Water Charge		
	Water Service Charge	28.80	
	Power Adjustment Charge (per 1000 gallons)	17.05	
	55 @ 0.310 = 17.05		
	Water Usage Charge (per 1000 gallons)	330.35	
	2 @ 3.400 = 6.80		
	12 @ 3.900 = 46.80		
	14 @ 4.500 = 63.00		
	8 @ 7.600 = 60.80		
	19 @ 8.050 = 152.95		
	Total Water Charges		376.20
	TOTAL AMOUNT DUE		\$376.20
	Payment Must Reach Us By	12/24/2012	
	Meter No: 08100381	Curr Rdg: 817	Prev Rdg: 762
	Cons: 55	thousand gals	
	***** This is much higher than your usual consumption. *****		

**EXPLANATION OF CHARGES
GENERAL USE RATE**

- SERVICE CHARGE:** For each service, there shall be a charge per month based on the size of the meter, regardless of the amount of water used.
- USE CHARGE:** In addition, you are charged for each 1,000 gallons of water you use based on block threshold rates.

HOW TO PAY YOUR BILL

- By mail using the enclosed envelope. Please allow sufficient time for payment to arrive by the PAYMENT MUST REACH US BY date.
- By Automatic Bill Payment from your checking or savings account.
- In person at our office or at our night deposit box at 4398 Pua Loke Street, Lihue.
- There is a \$7.50 charge for all dishonored payments made by check or Automatic Bill Payment.

**MOVING/VACATING, START/STOP SERVICE,
CHANGE NAME/ADDRESS**

All water charges will continue to be your responsibility until you notify us to close your account under your name.

NOT PAYING YOUR BILL ON TIME

- If payment is not received by the PAYMENT MUST REACH US BY date on your bill, the entire amount shall become past due and a Final Notice will be issued.
- If you receive a Final Notice, please pay all past due payments at our Business Office at 4398 Pua Loke Street, Lihue.
- If your water is turned off for non-payment you will be required to pay your bill in full plus a turn-on charge before your water can be restored. You may also be required to pay a cash deposit.

ESTIMATED READING

We try to read your meter each billing period. However, if it is not possible to do so, we will estimate your consumption based on your recent average water usage. Please help us by keeping your meter accessible and clear of cars, debris, foliage, and dogs.

DIRECT LINE NUMBERS

Water Bills & Existing Water Service Questions 808-245-5442
 New Water Service Applications 808-245-5430
 Public Relations/Conservation 808-245-5455

To ensure proper credit to your account, write account number on check, and do not punch holes, staple, fold or mutilate this form. Thank you. Please make sure address appears in the envelope window.



Department of Water Supply
 County of Kauai
 4398 Pua Loke St.
 Lihue, HI 96768-1600

Department of



DEPARTMENT OF WATER

County of Kauai
4398 Pua Loke Street
Lihue, HI 96766-1600

www.kauaiwater.org

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Call Police Dispatch (After hours, holidays, weekends) 808-241-1711
Office Hours: Monday thru Friday 8:00 am to 4:15 pm

Water has no substitute... Conserve It!

ACCOUNT INFORMATION

Account Number ~~XXXXXXXXXX~~
Name MATSUNAGA, HAROLD
Address ~~XXXXXXXXXX~~
Billing Date 01/25/2013

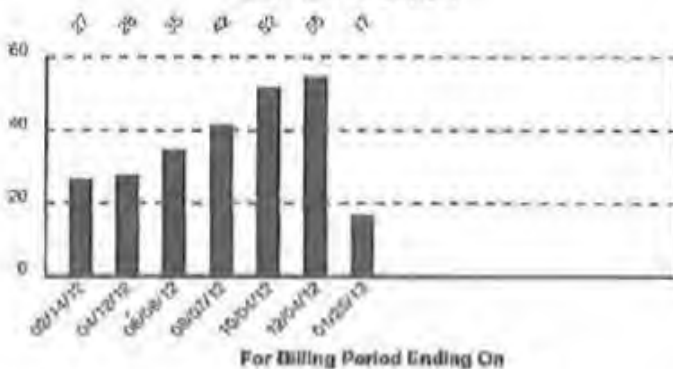
BILLING SUMMARY (See back for details)

Previous Balance \$376.20
Payments -\$376.20
Adjustments \$0.00
Corrections \$0.00
Current Charges \$98.62

TOTAL AMOUNT DUE \$98.62

PAYMENT MUST REACH US BY 02/14/2013
ABP Amount will be deducted on 02/14/2013

Bill Period Usage (kgal)



Water Usage Profile

DATE	THOUS. GAL	DAYS	CURRENT CHARGES
01/25/2013	17	52	\$98.62
12/04/2012	55	61	\$376.20
10/04/2012	52	58	\$351.12
08/07/2012	42	60	\$256.83
06/08/2012	35	57	\$190.70
04/12/2012	28	58	\$140.59
02/14/2012	27	61	\$132.00

Pay of 327

Indicate address changes below. Please detach and return bottom portion with your payment

DEPARTMENT OF WATER
County of Kauai
4398 Pua Loke Street
Lihue, HI 96766-1600



ACCOUNT NUMBER

~~XXXXXXXXXX~~

PAYMENT MUST REACH US BY

02/14/2013

PAYMENT MUST REACH US BY date applies to Current Charges only. All past due amounts are due immediately.

TOTAL AMOUNT DUE

\$98.62

AMOUNT ENCLOSED - KAUAI

DO NOT PAY

THANK YOU

Make checks payable to: DEPARTMENT OF WATER



216 1 AV 0369
MATSUNAGA, HAROLD
~~XXXXXXXXXX~~
~~XXXXXXXXXX~~

1510942071000000982
000210

Mr. Matsunaga's explained that the meter reading and his water bill are different. From August 2012, the water bill went up drastically. As soon as the bill went up to \$300, Mr. Matsunaga knew there was something wrong. When Mr. Matsunaga shuts the meter off there is no leak and the meter does not move. Mr. Matsunaga thought it was a mistake and waited for the next month's bill which was higher.

Mr. Matsunaga does not know how the bill went up to 900 gallons a day for two people in the house or where the water is going. The last two payments in 2012 were over paid because he had to pay the bill.

The meter readings provided to the Board indicated a usage of 300 gallons a day which Mr. Matsunaga does not use a day.

Mr. Matsunaga spoke to Mr. Mel Yamase and was told that was his bill. Mr. Matsunaga later spoke to Ms. Yano who provided good customer service on his complaint.

Only after Mr. Matsunaga came into the office to complain, his bill went down to \$98.00 from his last bill for one month of \$300. Mr. Matsunaga questioned how did the bill go down to \$98.00?

DISCUSSION:

Mr. Shiraishi indicated the bill may have gone down because the Department began monthly billing.

Mr. Matsunaga indicated if the bill is monthly; his bill would be about \$200 which he feels is reasonable, but a bill of \$347 is high.

From January 9th to February 27th (49 days), Mr. Matsunaga's water use was 14,160 gallons which average out to 289 gallons. His current bill does not list the gallons per day and suggested the bill should list gallons per day.

Manager Craddick inquired if the graph showed less water used. Mr. Matsunaga stated if two months are listed together, it should be less than \$200.

Chair Nishimura questioned if Mr. Matsunaga was on the island from August 2012 to December 2012. Mr. Matsunaga indicated he was on the island during that time.

Mr. Dahilig inquired if Mr. Matsunaga went to Las Vegas (5-6 days) during the summer but not during the time the bill was high. Mr. Matsunaga traveled to other places and Las Vegas not more than twice last year.

Mr. Matsunaga timer is on the irrigation system from 4:00 p.m. to 4:20 p.m. He does not know the number gallons that are used when the timer is on. The daily usage it is under 300 with the timer for cooking, washing dishes, laundry, bathing and watering the plants.

Chair Nishimura referenced the consumption on September 23rd and 24th. The meter readings Mr. Matsunaga provided the Board was outside the log. Between 5:00 p.m. to 8:00 a.m. most people are sleeping. Mr. Matsunaga does not hear any water running through the pipes at night.

Chair Nishimura inquired if Mr. Matsunaga's meter was changed since December 2012 and January 2013. Mr. Matsunaga was not aware if his meter was changed.

Mr. Matsunaga indicated he went to the mainland early October and returned mid October.

Mr. Dahilig asked Mr. Matsunaga when he leaves his house does his neighbors know he is gone? Mr. Matsunaga indicated someone picks up his mail but does not tell his neighbor when he is not home. Mr. Dahilig suspects evidence on patterns of extremely high water usages in very short burst on the period of times (2:00 a.m. or 9:00 p.m.). Mr. Matsunaga does not believe his neighbor is stealing his water.

Mr. Dahilig pointed out there is high usage of hundreds of gallons in November continuously over a three day period and then is just stops. There is a suspension that someone is taking water from Mr. Matsunaga.

Mr. Matsunaga's meter has been under 300 gallons since January 2nd to January 9th. Usually the meter reading would indicate 1,000 gallons within three days.

At 11:08 a.m., Chair Nishimura moved out of the Regular Board meeting into the executive session.

Mr. Dahilig moved to go into a brief executive session to discuss with the Deputy County Attorney Andrea Suzuki as it relates to issues of Standards of Proof and Findings of Fact with the Board; seconded by Mr. Oyama; with no objections, motion was carried by 6 ayes.

Roll Call: Board Member Mr. Nakaya, Board Member Mr. Shiraishi, Board Member Mr. Oyama, Board Member Mr. Dill, Board Chair Mr. Nishimura [5 members present]

At 11:17 a.m., Chair Nishimura reconvened the Regular Board meeting.

Mr. Dahilig mentioned that the staff should share the hourly meter readings to review the areas of high usage.

Mr. Dahilig also requested Mr. Matsunaga to provide the Department evidence that he was out of town or whether there was malfeasance with the water (ie. boarding passes, travel tickets that show he was not in the house).

Mr. Matsunaga further explained when he is gone, only one person is home to check the mail or stay overnight but not continuously. The house is not vacant for two to three weeks at the time.

Mr. Matsunaga will inform the Department on his March, April, and May statements, if there is heavy water usage occurring around 2:00 a.m.

Mr. Dahilig requested Mr. Matsunaga the opportunity to provide any evidence to the Department on why his water was high from August 2012 to December 2012.

Mr. Matsunaga does not have any record of where he was in September 2012 and could not provide any other evidence.

Mr. Dill observed a pattern of high water usage on Friday nights. If someone in Mr. Matsunaga's neighborhood is using a lot of water on Friday nights, they could be connecting to a hose bib that is connected to his water pipe. Mr. Matsunaga agreed to monitor the water meter on the weekends.

Mr. Matsunaga thanked the Board of allowing him to speak.

Chair Nishimura suggested allowing Mr. Matsunaga time to think about the request to provide evidence of high water usage. There may be other issues and Mr. Matsunaga may come back.

Manager Craddick will produce a consumption download from the end of the current record to a current account for the drop in Mr. Matsunaga's current bill.

Mr. Oyama questioned if the Department at times changes the meters.

Manager Craddick has tested meters in the past for proper functioning; then the meter is re-installed. This is the first time the Department has received Mr. Matsunaga's record. If the records do not match up, the Department will continue to investigate.

Mr. Dahilig moved to defer Manager's Report No. 13-27 - Manager's Response to Mr. Harold Matsunaga's letter, dated January 3, 2013 to the March Board meeting; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

4. **Manager's Report No. 13-28 - Adoption Request of Amended Resolution No. 12-3 (11/11), Pertaining to State Revolving Fund (SRF) Funding for Job No. 02-15, WK-28, Wailua Houselots Main Replacement, Phase I**

Manager Craddick acknowledged that a *Revised Manager's Report No. 13-28* was distributed to the Board members.

At 12:26 p.m., Mr. Dahilig exited the meeting.

Mr. Nakaya moved to **Receive for the record the Revised Manager's Report No. 13-28** - Adoption Request of Amended Resolution No. 12-3 (11/11), Pertaining to State Revolving Fund (SRF) Funding for Job No. 02-15, WK-28, Wailua Houselots Main Replacement, Phase I; seconded by Mr. Shiraishi; with no objections, motion was carried with 5 ayes.

At 12:29 p.m., Mr. Dahilig re-entered the meeting.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

RECEIVED FOR THE RECORD

MANAGER'S REPORT No.13-28 (REVISED)

February 28, 2013

Re: Adoption Request of Amended Resolution No. 12-3 (11/11), Pertaining to State Revolving Fund (SRF) Funding for Job No. 02-15, WK-28, Wailua Houselots Main Replacement, Phase I

RECOMMENDATION:

Amend and Approve Resolution No. 12-3 approving the Receipt & Expenditure of Monies from DWSRF for Six Million Six Hundred Seventy One Thousand Dollars (\$6,671,000).

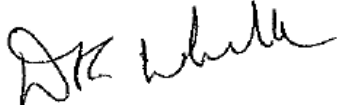
BACKGROUND:

The Board of Water Supply approved Resolution No. 12-3 on 11/23/2011 approving the receipt and expenditure of monies for DW400-0004 Job No. PLH-03, Kahili Horizontal Directional Drilled Well for \$2M and DW413-0008 Job No. 02-15, WK-28, Wailua Houselots Main Replacement, Phase I for \$4M, a combined total of SIX MILLION DOLLARS (\$6,000,000).

Job No. 02-15, WK-28, Wailua Houselots Main Replacement, Phase I was contracted at \$4,671,000. Since the contracted amount is higher than the original amount requested, it is recommended that the Board amend and approve the receipt of additional \$671,000 to increase the initial request from \$4M to \$4.671M for this particular project.

If approved, the amended combined total amount for Resolution No 12-3 will be changed from Six Million Dollars (\$6,000,000) to Six Million Six Hundred Seventy One Thousand Dollars (\$6,671,000). Both projects qualify for the green energy grant and would provide the Department principal forgiveness of \$1M for DW400-0004 AND \$750K for DW413-0008 respectively.

Respectfully submitted,



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

Attachment: Amended Resolution No. 12-3 (2-28-13)
Resolution No. 12-3 (Adopted 11-23-11)

DC:mjg
Mgrp/Amended Res. No. 12-5 (11/11)(02-28-13):mjg

BACKGROUND:

Manager Craddick requested the Board to approve the Revised Resolution 12-3 receipt and expenditure of funds for \$6,671,000.00. The first report was \$2 million for the Horizontal Well and \$4 million for the Wailua Houselots. The Wailua Houselots was contracted at \$4,671,000. This is an increase of \$671,000 from the original Resolution. There is principal forgiveness in the repayment of this money. This is an additional \$750,000 from what was expected from the first Resolution which had the \$1 million grant for the high level well for energy efficiency. This project is an energy efficiency project with Dustin's efforts working with the SRF staff on the additional \$750,000. The grant portion has jumped from \$1 million to \$1.75 million.

Mr. Dill inquired what is the energy efficiency component of the Wailua Houselots project?

Manager Craddick indicated the energy efficiency component was due to less pumping cost.

Mr. Dill moved to approve the *Revised Manager's Report No. 13-28* - Adoption Request of Amended Resolution No. 12-3 (11/11), Pertaining to State Revolving Fund (SRF) Funding for Job No. 02-15, WK-

28, Wailua Houselots Main Replacement, Phase I; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

Deputy County Attorney Andrea Suzuki will add a paragraph to the Resolution to note that the amended amount is not substantial to the motion.

5. Manager's Report No. 13-29 - FY 13/14 Goals / Annual Evaluation for the Manager and Chief Engineer

BACKGROUND:

Manager Craddick reported that the Department of Personnel current memorandum for evaluation has not changed. The deadline to submit the Manager's Evaluation is by June 30th of each year versus October.

At the October 25, 2012 Board Meeting, the Board presented the Manager's Goals packet that provided the status of each goal. The Board moved to receive and incorporate the goals for future goals. Manager Craddick requested the Board to provide a questionnaire to say what is important. The evaluation has not been done since September 2011.

DISCUSSION:

Chair Nishimura clarified there are two different areas to consider: 1) The set of goals for the future and 2) the Manager's evaluation.

Chair Nishimura requested the Board members send their comments from the current method of evaluating Manager Craddick based on the existing goals in the packets to the Commission Support Clerk for compilation of the data.

Chair Nishimura explained from 2012 to present there were no revised goals in place for Manager Craddick. Manager Craddick has completed some of the projects and continues to work on other projects.

Mr. Nakaya moved to base Manager Craddick's current goals on the existing goals and to defer the FY2013-2014 goals to the June 2013 Board meeting; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

6. Manager's Report No. 13-30 – Request for Board to Approve the Hawai'i Water Agency Response Network (HIWARN) Agreement

BACKGROUND:

Manager Craddick indicated the indemnity language in the HIWARN agreement for the non responder is an issue. Maui County has concerns with the language. This was discussed with Chair Nishimura who wanted to know if Honolulu and the Big Island would sign the agreement without the provision. As of yesterday, the response was Honolulu and the Big Island would not sign the agreement. Manager Craddick asked the Board if the Department would be okay by not participating if the provision is not in the agreement or to absorb it and be part of the group.

Training funds will be available to the HIWARN group. Manager Craddick recommends that the Board sign up on the HIWARN Agreement. If the Department is a non responder, it is expected that the Department not pay anything including the Duty to Defend and indemnity.

Why would the Department pay for the attorney's costs for somebody? If there is an agreement, an attorney will list everyone on the agreement, not just the individuals who responded.

The HIWARN agreement is voluntary. If the Department does not respond, the Department would want the same coverage that everyone is asking. The Department would not be responsible for any cost of defending self if sued. The managers would not recommend their Board sign the agreement without the provision.

DISCUSSION:

Mr. Shiraishi pointed out in the agreement that a non-responding agency will be indemnified by the requesting agency. If Maui's attorney is objecting to signing the agreement because Maui County is not responding, then they are not responsible for whatever takes place on another island.

Manager Craddick said Maui is objecting to the requirement to defend and indemnify or just defend for a non-responder. There should be no requirement if you do not respond including the attorney's fees.

Mr. Shiraishi commented if a non-responding party does not sign the agreement and gets sued due to a casualty, the Department should indemnify them. A non-responding party that was not involved in assistance should not be responsible for liability and claims against such non-responding party would be dismissed in Court.

Mr. Shiraishi further explained that the "Duty to Defend" as compared to the "Duty to Indemnify" is much broader and would involve and subject the Department to expenses which would normally be incurred at the end of a dispute or claim. The Duty to Defend is typically incurred by an insurance company and the Department may be forced to be in the position of an insurance carrier.

If the agreement is signed, the Department might be the responding party or a non-responding party. Therefore, the Department would be the beneficiary of the defend/indemnity language if it is a responding party. If the Department has a Duty to Defend, the Department can pick its own attorney.

Also noted that the Duty to Defend would only be applicable to "the work" so if the Department's Duty to Defend could arguably be limited in scope.

Chair Nishimura asked the Manager to check if the Big Island would consider deleting the Duty to Defend provision; it may be a deal killer. The Big Island and O'ahu would not sign the agreement if the language was deleted.

Mr. Shiraishi noted the exposure is less if the Department's obligation is limited to the Duty to Indemnify.

Chair Nishimura indicated that if Maui would not sign the agreement that only had the language of the Duty to Indemnify; there are not two HIWARN agreements. The HIWARN agreement wants everyone to be on board.

Chair Nishimura expressed two concerns: 1) with a Duty to Defend, the Department would have to pay and 2) with several counties signing the HIWARN agreement, which is the true agreement?

Mr. Shiraishi also noted that the model Federal agreement does not impose a Duty to Defend to a non-responding member.

Mr. Shiraishi moved to approve Manager's Report No. 13-30 – Request for Board to Approve the Hawai'i Water Agency Response Network (HIWARN) Agreement; seconded by Mr. Oyama;

DISCUSSION:

Mr. Shiraishi questioned what if Maui does not sign the agreement?

Manager Craddick added that Maui would not be a party to the HIWARN if they do not sign the agreement. Maui would be non respondent which may cause a problem.

Chair Nishimura commented if Kaua'i signs on with Maui, the DOW can work something out with them. This would be a matter of who the feds will recognize.

Manager Craddick explained there are other water systems that will sign on the HIWARN agreement as well as the four counties.

Mr. Shiraishi indicated Kaua'i could request or decide not to request to sign on the agreement. If another county is requesting Kaua'i, Kaua'i can decline to sign on.

Mr. Shiraishi noted the Department has no obligation not to sign the agreement with no expenses.

Mr. Shiraishi moved to approve *Manager's Report No. 13-30* – Request for Board to Approve the Hawai'i Water Agency Response Network (HIWARN) Agreement; seconded by Mr. Oyama; with no objections, motion was carried with 6 ayes.

At 11:56 a.m., Mr. Nakaya requested to defer Agenda Items 7, 8 & 9 to the executive session and to proceed with the Staff Reports; with no objections, motion was carried with 5 ayes.

At 11:57 a.m., Mr. Oyama exited the meeting.

At 11:57 a.m., Mr. Shiraishi exits the meeting.

At 12:00 p.m., Mr. Shiraishi re-enters the meeting.

STAFF REPORTS

Re: Statement of Kaua'i County Water Department's Revenues and Expenditures

PRESENTATION:

Ms. Yano referred to the Budget Status Summary on Pages 459 - 478 (*on iPad*). The back of Page 478 included charts for the Revenue Comparative Report, Water Sales Receipts and the Water Consumption Report.

Chair Nishimura inquired how the billing system is progressing. Ms. Yano indicated the billing system is in place but the staff is feeling the impact of the volume of transactions with the walk-ins. Minor issues have been addressed. The staff will need to go through the different reports that are created from the new billing system.

Chair Nishimura requested Ms. Yano to include Mr. Matsunaga's request to add consumption per day to the billing statements.

Mr. Dahilig moved to receive the Statement of Kaua'i County Water Department's Revenues and Expenditures; seconded by Mr. Nakaya; with no objections, motion was carried with 5 ayes.

Re: Report by the Public Relations Specialist on Public Relations Activities

PRESENTATION:

Manager Craddick reported on the following Public Relations Activities:

Refer to the Manager's Update for the Water System Development Fee (WSDF) report.

The Conservation Water Detect-A-Leak-Week is scheduled for March 18-24, 2013.

A final meeting of the state Water Conservation Advisory Group took place on January 10th.

Source Water/Wellhead Protection Program Grant - Deputy Manager Kirk Saiki indicated the evaluation on the contractor selection is completed and the recommendation is pending. Civil Engineer VI, Eddie Doi, Daniel Chang, Department of Health and Joy Buccat were on the selection committee.

Joy Buccat was complimented by our Senator on her recent legislative presentation.

The Limtiaco Company's January 2013 report on the WSDF and community meetings were provided in the packet.

Mr. Nakaya moved to receive the Report by the Public Relations Specialist on Public Relations Activities; seconded by Mr. Dahilig; with no objections, motion was carried with 5 ayes.

Re: Chief of Operation's Summary Report on Monthly Operational Maintenance

PRESENTATION:

Mr. Reyna presented the Summary Report on the Monthly Operation Maintenance.

Mr. Dill moved to receive the Chief of Operation's Summary Report on Monthly Operational Maintenance; seconded by Mr. Nakaya.

DISCUSSION:

Chair Nishimura requested Mr. Reyna to indicate how many work orders were closed out in future reports as well as the number opened.

Mr. Reyna reported the Supervision Control and Data Acquisition (SCADA) server went down last week. Operations are not able to retrieve daily history from the SCADA system because two sequel servers are dead; although monitoring can still be done remotely.

The SCADA consultant will contact WonderWare for a replacement and an upgrade quote on the existing SCADA system. If an order is placed with WonderWare no later than March 25th, there would be a 50% discount of \$30,000 (software) to \$40,000 (hardware). The SCADA consultant is working on the contract amendment. The current budget for SCADA upgrades on the server is \$200,000.

Mr. Reyna is working with IT on the upgrade to make it consistent with the draft IT plan. A recommendation from the IT plan to stay or not stay with WonderWare is not known at this time. If hardware is purchased, the consultant can re-program the server but there is no guarantee it will work.

Manager Craddick explained the purpose of the software is not just to collect historical data but to have human machine interface between the programmable logic and the controller stations and to be able to get information off of the web. WonderWare is an open system man machine interface that can make programmable logic controller information be changeable or checkable over the Internet.

Ms. Nadatani-Mendez added that other software is available that work with the SCADA system.

Mr. Reyna indicated that six (6) months of historical data were lost after July 2012.

Mr. Dill inquired if the storage goes down, would there be back up of the stored information?

Mr. Nadatani-Mendez explained that normally there would be back up on SCADA but because the old servers were taken from the Local Area Network (LAN) to help fix the new servers in SCADA, the backup was not done with the hope that SCADA would be replaced.

Mr. Dahilig requested the Department look at the short term and long term issues of out sourcing the server, data retrieval and recordation.

Mr. Saiki is aware that IT requested a replacement of the server five (5) years ago but was never approved. Mr. Saiki recommends the upgrade on software and hardware for data collection.

Manager Craddick commented that the Department will continue to use temporarily other servers to collect data.

Chair Nishimura was disappointed an amended report was not given to the Board.

Mr. Reyna only spoke to the SCADA consultant yesterday and apologized for the late report.

Mr. Nakaya amended his motion to receive Chief of Operation's Summary Report on Monthly Operational Activities Report and to append the recommendation on the SCADA software problems for the Board; seconded by Mr. Shiraishi; with no objections, motion was carried with 5 ayes.

Re: Water Resources and Planning Subdivision Report

PRESENTATION:

Mr. Fujikawa's Monthly Subdivision Summary included the following applicants: 'Ohana Hanalei, LLC, Gail Shimokawa; Gordon Kireto; Lori Shimokawa Caporus, Aukahi Farm, LLC, and SVO Pacific.

Mr. Dill moved to receive the Water Resources and Planning Subdivision Report; seconded by Mr. Shiraishi; with no objections, motion was carried with 5 ayes.

Re: Manager's Monthly Update Regarding Activities of Note of the Kaua'i County Water Department

PRESENTATION:

Manager Craddick highlighted the following DOW activities in January 2012:

1. Contract awarded to Fukunaga & Associates for Job No. WK-25a, Job No. 12-6, Kūhi'ō Highway 6" and 12" Water Main Replacement, in the amount of \$139,800.00.
2. Warrant Vouchers were paid in the amount of \$3,317,148.07.
3. There were no Conveyances.
4. National Rural Water Association (NRWA) meeting in Washington, DC – There will be a 9% cut in the Source Protection Program.
5. DOW met with the Kaua'i Chamber of Commerce on February 21st regarding the WSDF. The Top Producers - Kaua'i Board of Realtors meeting will be held tonight.
6. One extra contract hire to assist the C&C Billing brought the Billing section to full staff.
7. The Department of Personnel Service finalization of the reorganization and is still pending.
8. Legislative update included: 1) Vehicle passed in the Senate, 2) Impact Fee passed in House and Senate and 3) CIP is not happening until the last few days of the session.

DISCUSSION:

Mr. Dill inquired about the C&C Billing System update if the credit collection and late payment charges will be begin in May.

Manager Craddick mentioned that the implementation of the credit collection on customers will begin in May because the Department is still in a learning mode.

Ms. Nadatani-Mendez explained that the new billing system needs three (3) full billing cycles to calculate the late payments. Press Releases and the billing stuffer notices are being worked on which should be out in two weeks.

Mr. Shiraishi moved to receive the Manager's Monthly Update Regarding Activities of Note of the Kaua'i County Water Department; seconded by Mr. Dill; with no objections, motion was carried with 5 ayes.

a. Report of the BAB Bond pay down as of December 2012

DISCUSSION:

Chair Nishimura requested the Public Relations Specialist to publish a press release on completed projects (R. Electric, Wailua Bridge/small subdivision and Fuji Beach) since this effects the rates.

Mr. Shiraishi moved to receive the Report of the BAB Bond pay down as of January 2013; seconded by Mr. Dill; with no objections, motion was carried with 5 ayes.

7. Manager's Report No. 13-31 – Purchase of a Private Water System

[Item No. 7 addressed in Executive Session]

8. Manager's Report No. 13-32 – Manager's Response to Mr. Michael Tresler's letter, dated December 14, 2012 relating to Electrical Service Accounts for Waiahi Surface Water

[Item No. 8 addressed in Executive Session]

Mr. Dill moved to have Board Chair Nishimura send a letter to Mr. Michael Tresler of their concern assuring Grove Farm that this will not occur again regarding Manager's Response to Mr. Michael Tresler's letter, dated December 14, 2012 relating to Electrical Service Accounts for Waiahi Surface Water; seconded by Mr. Nakaya; with no objections, motion was carried with 4 ayes.

(Present: RN, CN, MD, LD)

9. Manager's Report No. 13-33 - Manager's Response to Mr. Michael Tresler's letter, dated December 18, 2012 relating to Waiahi Surface Water Treatment Plant Delivery Water Fee

Mr. Nakaya recused himself from Item No. 9.

DEPARTMENT OF WATER

County of Kaua'i

RECEIVED FOR THE RECORD

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No.13-33

February 28, 2013

Re: Manager's Response to Mr. Michael Tresler's letter regarding rate increase, dated December 18, 2012

RECOMMENDATION: None

BACKGROUND:

In the January 24th board meeting, The board directed the Manager to provide the Board with the Water Treatment and Delivery Agreement between the DOW and Grove Farm.

"Grove Farm" the operator and financier of the treatment facility want to increase the rate for water from the facility. This is allowable under the agreement for cost increases.

After the estimated cost of \$1.37/kgal in the agreement in 2004, the water rate has remained at \$1.48/kgal since the facility was put in operation in 2006. I am fairly sure operating costs have risen during that time.

Mr. Dill requested copies of KIUC invoices attached for the Board's review. The Department has provided the most recent (6) six invoices that were paid.

Chair Nishimura noted that the Board deferred *Manager's Report No. 13-33* - Manager's Response to Mr. Michael Tresler's letter, dated December 18, 2012 relating to Waiahi Surface Water Treatment Plant Delivery Water Fee to the March Board meeting due to the lack of quorum.

(Present: RN, CN, MD, LD)

TOPICS FOR NEXT WATER BOARD MEETING (March 2013)

1. Draft Budget (FY 2013-2014)
2. Supervision Control and Data Acquisition (SCADA)

TOPICS FOR FUTURE WATER BOARD MEETINGS

1. Public Hearing on Benefit Zones (April 2013)
2. Public Hearing on Leak Rebate (April 2013)

3. Board Adoption to Establish Future FY2013-2014 Goals of the Manager (*June 2013*)

UPCOMING EVENTS

1. 39th Annual AWWA Hawai'i Section Conference Honolulu, HI (*May 7-10 2013*)
2. AWWA Annual Conference, Denver, CO (*June 9-13, 2013*)
Mr. Dill and Mr. Dahilig will attend in June.
Chair Nishimura recommended Mr. Shiraishi to attend next year.
3. HWWA Hawai'i Section Maui, HI (*October 23-25, 2013*)

NEXT WATER BOARD MEETING

1. Thursday, March 21, 2013, 10:00 a.m.
2. Thursday, April 25, 2013, 10:00 a.m.
3. Thursday, May 21, 2013, 10:00 a.m.
4. Thursday, June 20, 2013, 10:00 a.m.

At 12:38 p.m., Mr. Dahilig moved to go to Executive Session on Item J1 & J3; seconded by Mr. Oyama; with no objections, motion was carried with 5 ayes.

EXECUTIVE SESSION:

Pursuant to H.R.S. §92-7(a), the Board may, when deemed necessary, hold an executive session on any agenda item without written public notice if the executive session was not anticipated in advance. Any such executive session shall be held pursuant to H.R.S. §92-4 and shall be limited to those items described in H.R.S. §92-5(a).

1. Pursuant to Haw. Rev. Stat. §§92-4 and 92-5(a)(4) the purpose of this executive session is to consider a letter, dated December 14, 2012, from Michael H. Tresler as Senior Vice President of Grove Farm. The purpose of this to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities, and liabilities as it relates to the Grove Farm's letter dated December 14, 2012.

*2. Pursuant to Haw. Rev Stat. §§92-4, 92-5(a)(8), 92-5(a)(4) the purpose of this executive session is to deliberate concerning matters that require consideration of information as it relates to Grove Farm's letter dated December 18, 2012 that must be kept confidential pursuant to state law. Another purpose is to consult with the Board's attorney on questions and issues pertaining to the Board's powers, duties, privileges, immunities, and liabilities as it relates to the Grove Farm letter dated December 18, 2012.
[Not entertained]*

3. Pursuant to Hawaii Revised Statutes Sections 92-4 and 92-5(a)(3), the purpose of this executive session is for the Board to deliberate concerning the authority of persons designated by the board to conduct negotiations for the acquisition of public property as it relates to the purchase of a private water system.

ADJOURNMENT

There being no further business, Chair Nishimura adjourned the Regular Board meeting at 1:11 p.m.; with no objections, motion was carried.

Respectfully Submitted,

Approved,

Eddie Ignacio Neumiller
Commission Support Clerk

Sherman Shiraishi
Secretary – Board of Water Supply

DRAFT

Correspondence



Old Business

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT No.13-27

March 21, 2013 (*rev from* February 28, 2013)

Re: Manager's Response to Mr. Harold Matsunaga's letter, dated January 3, 2013 *update*

RECOMMENDATION:

There is no action requested from the Board.

BACKGROUND:

The Department of Water is in receipt of Mr. Matsunaga's letter addressed to the Board dated January 3, 2013.

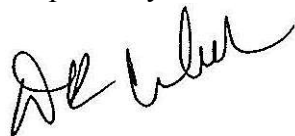
Mr. Matsunaga is declaring that his October 5, 2012 bill in the amount of \$351.12 and December 5, 2012 bill for \$376.20 were registering incorrect data usage.

Mr. Matsunaga provided testimony to the Board in the February 28th board meeting and provided his own meter readings from January 2-9 and February 27, 2013. He did not have past readings showing the dates he is stating that registered incorrect data usage. Since then, the board has asked to be provided with substantial evidence of Mr. Matsunaga's whereabouts during the peak times reported on his chart along evidence that he was out of town or whether there was malfeasance with the water (ie. boarding passes, travel tickets that show he was not in the house).

The department has provided Mr. Matsunaga, with the most current meter reading profile which is attached. We have not yet received any documents from Mr. Matsunaga to provide to the board.

Thank you for your attention to this matter.

Respectfully submitted,



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

Attachment: Response letter mailed to Harold Matsunaga (3-11-13)
 Response letter mailed to Harold Matsunaga (2-12-13)

DC:mjg

Mgrpp/March 2013/13-27 Manager's Response to Mr. Harold Matsunaga's letter, dated January 3, 2013 (3-21-13):mjg



Water has no substitute.....Conserve it

February 12, 2013

Mr. Harold Matsunaga
3206 Fujii Street
Lihue, HI 96766

Dear Mr. Matsunaga,

This letter is in response to your letter addressed to the Kauai Board of Water dated January 3, 2013.

Your request attend the Board meeting on January 24, 2013 was received. Since you were not able to attend to testify, the Board has referred your dispute back to staff for proper action on the matter. Based on your notice of discrepancy with your bill, we had data gathered from your meter.

The bills you are disputing are your October 5 and December 5, 2012 bills. We have gathered the data from your meter and have attached it for your information. Your consumption from December 5th through January 25th has substantially decreased in January amounting to \$90.96.

Please see or call Mel Yamase at (808) 245-5428 for assistance in understanding your profile spreadsheet or my Secretary, Mary-jane Garasi at (808) 245-5408 to schedule a meeting if further discussion is needed.

Mahalo Nui,

A handwritten signature in black ink, appearing to read "David R. Craddick".

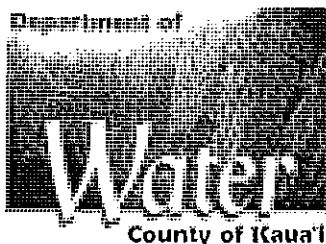
David R. Craddick, P.E., C.E.M.
Manager and Chief Engineer

Attachments: Profile Meter Read Spreadsheet & Graph

CC: Randall Nishimura, Board of Water Supply Chair
Mel Yamase, Accountant IV

DC:mjg

cc/Harold Matsunaga/Response Letter (2-12-13)/mjg



March 11, 2013

Mr. Harold Matsunaga
3206 Fujii Street
Lihue, HI 96766

RE: DOW REQUESTED EVIDENCE FOR HIGH WATER USAGE/BILL

Dear Mr. Matsunaga,

Thank you for your attendance during the February board meeting of the Department of Water.

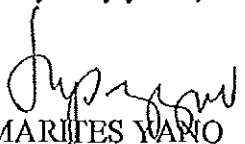
As a follow up to your testimony, the board requested that you provide the Department evidence supporting your claim of high water usage from August, 2012 to December, 2012. It was also requested that you provide any supporting evidence that you were out of town during a period that you had unexplained high water usage.

Please bring these documents at the Department of Water by Friday, March 15, 2013 so that we can include them in the March 22nd board meeting.

Feel free to call my office @ 808-245-5422 if you have further questions regarding this matter.

Thank you.

Very truly yours,


MARIJES YANO
Waterworks Controller

Attached – water profile 11/5/2012- 3/5/2013

S/N	Logging Int	Technology	Technology	Register Ty	Register Type	Desc	Test Circle	Test Circle
80773950	60	0	Transmitte	0	RTR			1 RTR TC = 10
Reading	Consumpti	Tamper Inc	Leak Indica	Bad Read I	Reading	Date/Time		
796789	0	0	0	0		11/5/2012 8:04		
796790	1	0	0	0		11/5/2012 9:04		
796792	2	0	0	0		11/5/2012 10:04		
796797	5	0	0	0		11/5/2012 11:04		
796798	1	0	0	0		11/5/2012 12:04		
796799	1	0	0	0		11/5/2012 13:04		
796799	0	0	0	0		11/5/2012 14:04		
796801	2	0	0	0		11/5/2012 15:04		
796806	5	0	0	0		11/5/2012 16:04		
796990	184	0	0	0		11/5/2012 17:04		
797062	72	0	0	0		11/5/2012 18:04		
797079	17	0	0	0		11/5/2012 19:04		
797079	0	0	0	0		11/5/2012 20:04		
797081	2	0	0	0		11/5/2012 21:04		
797084	3	0	0	0		11/5/2012 22:04		
797092	8	0	0	0		11/5/2012 23:04		
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797156	0	0	0	0		11/6/2012 16:04		
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809337	4	0	0	0	11/14/2012 22:04
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809930	0	0	0	0	11/16/2012 22:04

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810240	5	0	0	0	11/17/2012 21:04
810247	7	0	0	0	11/17/2012 22:04
810263	16	0	0	0	11/17/2012 23:04
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810343	22	0	0	0	11/18/2012 12:04
810365	22	0	0	0	11/18/2012 13:04
810365	0	0	0	0	11/18/2012 14:04
810387	22	0	0	0	11/18/2012 15:04
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810758	6	0	0	0	11/19/2012 7:04
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810764	1	0	0	0	11/19/2012 9:04
810776	12	0	0	0	11/19/2012 10:04
810777	1	0	0	0	11/19/2012 11:04
810818	41	0	0	0	11/19/2012 12:04
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810847	2	0	0	0	11/19/2012 15:04
810850	3	0	0	0	11/19/2012 16:04
810850	0	0	0	0	11/19/2012 17:04
810966	116	0	0	0	11/19/2012 18:04
810998	32	0	0	0	11/19/2012 19:04
811273	275	0	0	0	11/19/2012 20:04
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811287	1	0	0	0	11/19/2012 22:04
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811288	0	0	0	0	11/20/2012 2:04
811288	0	0	0	0	11/20/2012 3:04
811288	0	0	0	0	11/20/2012 4:04
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823579	2	0	0	0	12/21/2012 15:04
823586	7	0	0	0	12/21/2012 16:04
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823769	2	0	0	0	12/21/2012 19:04
823791	22	0	0	0	12/21/2012 20:04
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823794	3	0	0	0	12/21/2012 22:04
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823869	31	0	0	0	12/22/2012 8:04
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824374	39	0	0	0	12/23/2012 16:04
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824587	14	0	0	0	12/23/2012 19:04
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825708	17	0	0	0	12/25/2012 23:04
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826357	1	0	0	0	12/27/2012 21:04
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826378	21	0	0	0	12/27/2012 23:04
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826602	0	0	0	0	12/28/2012 20:04
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826610	0	0	0	0	12/29/2012 5:04
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826612	2	0	0	0	12/29/2012 7:04
826614	2	0	0	0	12/29/2012 8:04
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826906	153	0	0	0	12/29/2012 17:04
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826941	3	0	0	0	12/29/2012 20:04
826960	19	0	0	0	12/29/2012 21:04
826965	5	0	0	0	12/29/2012 22:04
826985	20	0	0	0	12/29/2012 23:04
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826987	0	0	0	0	12/30/2012 3:04
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826989	0	0	0	0	12/30/2012 7:04
827026	37	0	0	0	12/30/2012 8:04
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827038	2	0	0	0	12/30/2012 10:04
827047	9	0	0	0	12/30/2012 11:04
827053	6	0	0	0	12/30/2012 12:04
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827099	30	0	0	0	12/30/2012 16:04
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827302	31	0	0	0	12/30/2012 18:04
827324	22	0	0	0	12/30/2012 19:04
827342	18	0	0	0	12/30/2012 20:04
827345	3	0	0	0	12/30/2012 21:04
827361	16	0	0	0	12/30/2012 22:04
827363	2	0	0	0	12/30/2012 23:04
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827830	13	0	0	0	12/31/2012 21:04
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827858	12	0	0	0	12/31/2012 23:04

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827922	7	0	0	0	1/1/2013 3:04
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828587	31	0	0	0	1/2/2013 20:04
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828614	1	0	0	0	1/2/2013 22:04

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828636	1	0	0	0	1/3/2013 3:04
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829165	19	0	0	0	1/4/2013 20:04
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829166	1	0	0	0	1/4/2013 22:04
829167	1	0	0	0	1/4/2013 23:04
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829232	5	0	0	0	1/5/2013 14:04
829237	5	0	0	0	1/5/2013 15:04
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829406	9	0	0	0	1/5/2013 19:04
829420	14	0	0	0	1/5/2013 20:04
829421	1	0	0	0	1/5/2013 21:04
829421	0	0	0	0	1/5/2013 22:04
829421	0	0	0	0	1/5/2013 23:04
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829429	0	0	0	0	1/6/2013 3:04
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829429	0	0	0	0	1/6/2013 6:04
829430	1	0	0	0	1/6/2013 7:04
829439	9	0	0	0	1/6/2013 8:04
829445	6	0	0	0	1/6/2013 9:04
829451	6	0	0	0	1/6/2013 10:04
829451	0	0	0	0	1/6/2013 11:04
829460	9	0	0	0	1/6/2013 12:04
829460	0	0	0	0	1/6/2013 13:04
829461	1	0	0	0	1/6/2013 14:04
829461	0	0	0	0	1/6/2013 15:04
829467	6	0	0	0	1/6/2013 16:04
829656	189	0	0	0	1/6/2013 17:04
829674	18	0	0	0	1/6/2013 18:04
829678	4	0	0	0	1/6/2013 19:04
829694	16	0	0	0	1/6/2013 20:04

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829701	7	0	0	0	1/6/2013 21:04
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829715	0	0	0	0	1/7/2013 0:04
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829716	0	0	0	0	1/7/2013 3:04
829720	4	0	0	0	1/7/2013 4:04
829724	4	0	0	0	1/7/2013 5:04
829725	1	0	0	0	1/7/2013 6:04
829725	0	0	0	0	1/7/2013 7:04
829725	0	0	0	0	1/7/2013 8:04
829731	6	0	0	0	1/7/2013 9:04
829736	5	0	0	0	1/7/2013 10:04
829736	0	0	0	0	1/7/2013 11:04
829741	5	0	0	0	1/7/2013 12:04
829741	0	0	0	0	1/7/2013 13:04
829741	0	0	0	0	1/7/2013 14:04
829745	4	0	0	0	1/7/2013 15:04
829760	15	0	0	0	1/7/2013 16:04
829912	152	0	0	0	1/7/2013 17:04
829919	7	0	0	0	1/7/2013 18:04
829925	6	0	0	0	1/7/2013 19:04
829929	4	0	0	0	1/7/2013 20:04
829954	25	0	0	0	1/7/2013 21:04
829960	6	0	0	0	1/7/2013 22:04
829960	0	0	0	0	1/7/2013 23:04
829963	3	0	0	0	1/8/2013 0:04
829963	0	0	0	0	1/8/2013 1:04
829963	0	0	0	0	1/8/2013 2:04
829963	0	0	0	0	1/8/2013 3:04
829963	0	0	0	0	1/8/2013 4:04
829963	0	0	0	0	1/8/2013 5:04
829963	0	0	0	0	1/8/2013 6:04
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829974	4	0	0	0	1/8/2013 8:04
829975	1	0	0	0	1/8/2013 9:04
829983	8	0	0	0	1/8/2013 10:04
829988	5	0	0	0	1/8/2013 11:04
829990	2	0	0	0	1/8/2013 12:04
829990	0	0	0	0	1/8/2013 13:04
829991	1	0	0	0	1/8/2013 14:04
829991	0	0	0	0	1/8/2013 15:04
829995	4	0	0	0	1/8/2013 16:04
830158	163	0	0	0	1/8/2013 17:04
830187	29	0	0	0	1/8/2013 18:04
830193	6	0	0	0	1/8/2013 19:04

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830193	0	0	0	0	1/8/2013 20:04
830193	0	0	0	0	1/8/2013 21:04
830193	0	0	0	0	1/8/2013 22:04
830207	14	0	0	0	1/8/2013 23:04
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830208	0	0	0	0	1/9/2013 5:04
830208	0	0	0	0	1/9/2013 6:04
830208	0	0	0	0	1/9/2013 7:04
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830222	8	0	0	0	1/9/2013 9:04
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830232	2	0	0	0	1/9/2013 11:04
830250	18	0	0	0	1/9/2013 12:04
830269	19	0	0	0	1/9/2013 13:04
830273	4	0	0	0	1/9/2013 14:04
830276	3	0	0	0	1/9/2013 15:04
830285	9	0	0	0	1/9/2013 16:04
830447	162	0	0	0	1/9/2013 17:04
830461	14	0	0	0	1/9/2013 18:04
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830471	4	0	0	0	1/9/2013 20:04
830497	26	0	0	0	1/9/2013 21:04
830498	1	0	0	0	1/9/2013 22:04
830498	0	0	0	0	1/9/2013 23:04
830509	11	0	0	0	1/10/2013 0:04
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830510	0	0	0	0	1/10/2013 3:04
830510	0	0	0	0	1/10/2013 4:04
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830510	0	0	0	0	1/10/2013 7:04
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830512	2	0	0	0	1/10/2013 9:04
830517	5	0	0	0	1/10/2013 10:04
830530	13	0	0	0	1/10/2013 11:04
830537	7	0	0	0	1/10/2013 12:04
830540	3	0	0	0	1/10/2013 13:04
830542	2	0	0	0	1/10/2013 14:04
830543	1	0	0	0	1/10/2013 15:04
830547	4	0	0	0	1/10/2013 16:04
830704	157	0	0	0	1/10/2013 17:04
830715	11	0	0	0	1/10/2013 18:04

830716	1	0	0	0	1/10/2013 19:04
830718	2	0	0	0	1/10/2013 20:04
830725	7	0	0	0	1/10/2013 21:04
830726	1	0	0	0	1/10/2013 22:04
830732	6	0	0	0	1/10/2013 23:04
830738	6	0	0	0	1/11/2013 0:04
830738	0	0	0	0	1/11/2013 1:04
830738	0	0	0	0	1/11/2013 2:04
830738	0	0	0	0	1/11/2013 3:04
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830738	0	0	0	0	1/11/2013 6:04
830739	1	0	0	0	1/11/2013 7:04
830745	6	0	0	0	1/11/2013 8:04
830750	5	0	0	0	1/11/2013 9:04
830753	3	0	0	0	1/11/2013 10:04
830756	3	0	0	0	1/11/2013 11:04
830760	4	0	0	0	1/11/2013 12:04
830776	16	0	0	0	1/11/2013 13:04
830811	35	0	0	0	1/11/2013 14:04
830824	13	0	0	0	1/11/2013 15:04
830836	12	0	0	0	1/11/2013 16:04
830996	160	0	0	0	1/11/2013 17:04
831003	7	0	0	0	1/11/2013 18:04
831011	8	0	0	0	1/11/2013 19:04
831018	7	0	0	0	1/11/2013 20:04
831034	16	0	0	0	1/11/2013 21:04
831034	0	0	0	0	1/11/2013 22:04
831034	0	0	0	0	1/11/2013 23:04
831039	5	0	0	0	1/12/2013 0:04
831066	27	0	0	0	1/12/2013 1:04
831066	0	0	0	0	1/12/2013 2:04
831066	0	0	0	0	1/12/2013 3:04
831066	0	0	0	0	1/12/2013 4:04
831066	0	0	0	0	1/12/2013 5:04
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831071	5	0	0	0	1/12/2013 7:04
831077	6	0	0	0	1/12/2013 8:04
831079	2	0	0	0	1/12/2013 9:04
831085	6	0	0	0	1/12/2013 10:04
831118	33	0	0	0	1/12/2013 11:04
831127	9	0	0	0	1/12/2013 12:04
831127	0	0	0	0	1/12/2013 13:04
831171	44	0	0	0	1/12/2013 14:04
831197	26	0	0	0	1/12/2013 15:04
831229	32	0	0	0	1/12/2013 16:04
831385	156	0	0	0	1/12/2013 17:04

831400	15	0	0	0	1/12/2013 18:04
831427	27	0	0	0	1/12/2013 19:04
831427	0	0	0	0	1/12/2013 20:04
831428	1	0	0	0	1/12/2013 21:04
831428	0	0	0	0	1/12/2013 22:04
831429	1	0	0	0	1/12/2013 23:04
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831599	158	0	0	0	1/13/2013 17:04
831600	1	0	0	0	1/13/2013 18:04
831600	0	0	0	0	1/13/2013 19:04
831600	0	0	0	0	1/13/2013 20:04
831602	2	0	0	0	1/13/2013 21:04
831602	0	0	0	0	1/13/2013 22:04
831602	0	0	0	0	1/13/2013 23:04
831602	0	0	0	0	1/14/2013 0:04
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831609	0	0	0	0	1/14/2013 2:04
831609	0	0	0	0	1/14/2013 3:04
831611	2	0	0	0	1/14/2013 4:04
831611	0	0	0	0	1/14/2013 5:04
831611	0	0	0	0	1/14/2013 6:04
831611	0	0	0	0	1/14/2013 7:04
831611	0	0	0	0	1/14/2013 8:04
831615	4	0	0	0	1/14/2013 9:04
831618	3	0	0	0	1/14/2013 10:04
831619	1	0	0	0	1/14/2013 11:04
831638	19	0	0	0	1/14/2013 12:04
831650	12	0	0	0	1/14/2013 13:04
831662	12	0	0	0	1/14/2013 14:04
831666	4	0	0	0	1/14/2013 15:04
831666	0	0	0	0	1/14/2013 16:04

831820	154	0	0	0	1/14/2013 17:04
831838	18	0	0	0	1/14/2013 18:04
831842	4	0	0	0	1/14/2013 19:04
831845	3	0	0	0	1/14/2013 20:04
831845	0	0	0	0	1/14/2013 21:04
831845	0	0	0	0	1/14/2013 22:04
831847	2	0	0	0	1/14/2013 23:04
831847	0	0	0	0	1/15/2013 0:04
831847	0	0	0	0	1/15/2013 1:04
831847	0	0	0	0	1/15/2013 2:04
831847	0	0	0	0	1/15/2013 3:04
831847	0	0	0	0	1/15/2013 4:04
831852	5	0	0	0	1/15/2013 5:04
831852	0	0	0	0	1/15/2013 6:04
831852	0	0	0	0	1/15/2013 7:04
831853	1	0	0	0	1/15/2013 8:04
831853	0	0	0	0	1/15/2013 9:04
831853	0	0	0	0	1/15/2013 10:04
831859	6	0	0	0	1/15/2013 11:04
831862	3	0	0	0	1/15/2013 12:04
831868	6	0	0	0	1/15/2013 13:04
831869	1	0	0	0	1/15/2013 14:04
831872	3	0	0	0	1/15/2013 15:04
831898	26	0	0	0	1/15/2013 16:04
832086	188	0	0	0	1/15/2013 17:04
832094	8	0	0	0	1/15/2013 18:04
832100	6	0	0	0	1/15/2013 19:04
832118	18	0	0	0	1/15/2013 20:04
832127	9	0	0	0	1/15/2013 21:04
832127	0	0	0	0	1/15/2013 22:04
832127	0	0	0	0	1/15/2013 23:04
832134	7	0	0	0	1/16/2013 0:04
832134	0	0	0	0	1/16/2013 1:04
832135	1	0	0	0	1/16/2013 2:04
832135	0	0	0	0	1/16/2013 3:04
832135	0	0	0	0	1/16/2013 4:04
832135	0	0	0	0	1/16/2013 5:04
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832136	1	0	0	0	1/16/2013 8:04
832136	0	0	0	0	1/16/2013 9:04
832136	0	0	0	0	1/16/2013 10:04
832148	12	0	0	0	1/16/2013 11:04
832152	4	0	0	0	1/16/2013 12:04
832157	5	0	0	0	1/16/2013 13:04
832160	3	0	0	0	1/16/2013 14:04
832165	5	0	0	0	1/16/2013 15:04

832171	6	0	0	0	1/16/2013 16:04
832327	156	0	0	0	1/16/2013 17:04
832374	47	0	0	0	1/16/2013 18:04
832386	12	0	0	0	1/16/2013 19:04
832391	5	0	0	0	1/16/2013 20:04
832400	9	0	0	0	1/16/2013 21:04
832402	2	0	0	0	1/16/2013 22:04
832402	0	0	0	0	1/16/2013 23:04
832403	1	0	0	0	1/17/2013 0:04
832403	0	0	0	0	1/17/2013 1:04
832403	0	0	0	0	1/17/2013 2:04
832403	0	0	0	0	1/17/2013 3:04
832403	0	0	0	0	1/17/2013 4:04
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832404	0	0	0	0	1/17/2013 7:04
832404	0	0	0	0	1/17/2013 8:04
832404	0	0	0	0	1/17/2013 9:04
832408	4	0	0	0	1/17/2013 10:04
832413	5	0	0	0	1/17/2013 11:04
832413	0	0	0	0	1/17/2013 12:04
832413	0	0	0	0	1/17/2013 13:04
832413	0	0	0	0	1/17/2013 14:04
832506	93	0	0	0	1/17/2013 15:04
832515	9	0	0	0	1/17/2013 16:04
832667	152	0	0	0	1/17/2013 17:04
832669	2	0	0	0	1/17/2013 18:04
832674	5	0	0	0	1/17/2013 19:04
832675	1	0	0	0	1/17/2013 20:04
832676	1	0	0	0	1/17/2013 21:04
832682	6	0	0	0	1/17/2013 22:04
832683	1	0	0	0	1/17/2013 23:04
832685	2	0	0	0	1/18/2013 0:04
832686	1	0	0	0	1/18/2013 1:04
832686	0	0	0	0	1/18/2013 2:04
832686	0	0	0	0	1/18/2013 3:04
832686	0	0	0	0	1/18/2013 4:04
832686	0	0	0	0	1/18/2013 5:04
832686	0	0	0	0	1/18/2013 6:04
832687	1	0	0	0	1/18/2013 7:04
832687	0	0	0	0	1/18/2013 8:04
832725	38	0	0	0	1/18/2013 9:04
832730	5	0	0	0	1/18/2013 10:04
832735	5	0	0	0	1/18/2013 11:04
832735	0	0	0	0	1/18/2013 12:04
832737	2	0	0	0	1/18/2013 13:04
832773	36	0	0	0	1/18/2013 14:04

832774	1	0	0	0	1/18/2013 15:04
832780	6	0	0	0	1/18/2013 16:04
832956	176	0	0	0	1/18/2013 17:04
832965	9	0	0	0	1/18/2013 18:04
832968	3	0	0	0	1/18/2013 19:04
832969	1	0	0	0	1/18/2013 20:04
832977	8	0	0	0	1/18/2013 21:04
832977	0	0	0	0	1/18/2013 22:04
832979	2	0	0	0	1/18/2013 23:04
832979	0	0	0	0	1/19/2013 0:04
832980	1	0	0	0	1/19/2013 1:04
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832980	0	0	0	0	1/19/2013 3:04
832980	0	0	0	0	1/19/2013 4:04
832980	0	0	0	0	1/19/2013 5:04
832980	0	0	0	0	1/19/2013 6:04
832981	1	0	0	0	1/19/2013 7:04
832981	0	0	0	0	1/19/2013 8:04
832987	6	0	0	0	1/19/2013 9:04
832992	5	0	0	0	1/19/2013 10:04
833007	15	0	0	0	1/19/2013 11:04
833007	0	0	0	0	1/19/2013 12:04
833011	4	0	0	0	1/19/2013 13:04
833013	2	0	0	0	1/19/2013 14:04
833020	7	0	0	0	1/19/2013 15:04
833022	2	0	0	0	1/19/2013 16:04
833178	156	0	0	0	1/19/2013 17:04
833182	4	0	0	0	1/19/2013 18:04
833183	1	0	0	0	1/19/2013 19:04
833184	1	0	0	0	1/19/2013 20:04
833184	0	0	0	0	1/19/2013 21:04
833185	1	0	0	0	1/19/2013 22:04
833197	12	0	0	0	1/19/2013 23:04
833202	5	0	0	0	1/20/2013 0:04
833205	3	0	0	0	1/20/2013 1:04
833205	0	0	0	0	1/20/2013 2:04
833205	0	0	0	0	1/20/2013 3:04
833206	1	0	0	0	1/20/2013 4:04
833208	2	0	0	0	1/20/2013 5:04
833209	1	0	0	0	1/20/2013 6:04
833211	2	0	0	0	1/20/2013 7:04
833226	15	0	0	0	1/20/2013 8:04
833267	41	0	0	0	1/20/2013 9:04
833285	18	0	0	0	1/20/2013 10:04
833286	1	0	0	0	1/20/2013 11:04
833295	9	0	0	0	1/20/2013 12:04
833295	0	0	0	0	1/20/2013 13:04

833295	0	0	0	0	1/20/2013 14:04
833307	12	0	0	0	1/20/2013 15:04
833307	0	0	0	0	1/20/2013 16:04
833483	176	0	0	0	1/20/2013 17:04
833490	7	0	0	0	1/20/2013 18:04
833513	23	0	0	0	1/20/2013 19:04
833577	64	0	0	0	1/20/2013 20:04
833591	14	0	0	0	1/20/2013 21:04
833599	8	0	0	0	1/20/2013 22:04
833600	1	0	0	0	1/20/2013 23:04
833600	0	0	0	0	1/21/2013 0:04
833601	1	0	0	0	1/21/2013 1:04
833601	0	0	0	0	1/21/2013 2:04
833603	2	0	0	0	1/21/2013 3:04
833604	1	0	0	0	1/21/2013 4:04
833604	0	0	0	0	1/21/2013 5:04
833606	2	0	0	0	1/21/2013 6:04
833612	6	0	0	0	1/21/2013 7:04
833656	44	0	0	0	1/21/2013 8:04
833667	11	0	0	0	1/21/2013 9:04
833668	1	0	0	0	1/21/2013 10:04
833680	12	0	0	0	1/21/2013 11:04
833690	10	0	0	0	1/21/2013 12:04
833694	4	0	0	0	1/21/2013 13:04
833718	24	0	0	0	1/21/2013 14:04
833753	35	0	0	0	1/21/2013 15:04
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833908	2	0	0	0	1/21/2013 19:04
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833939	24	0	0	0	1/21/2013 21:04
833947	8	0	0	0	1/21/2013 22:04
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834049	21	0	0	0	1/22/2013 16:04
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834394	151	0	0	0	1/23/2013 17:04
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834405	1	0	0	0	1/23/2013 22:04
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834406	1	0	0	0	1/24/2013 2:04
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834407	0	0	0	0	1/24/2013 9:04
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834631	0	0	0	0	1/25/2013 12:04
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834639	4	0	0	0	1/25/2013 16:04
834801	162	0	0	0	1/25/2013 17:04
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834804	0	0	0	0	1/25/2013 22:04
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834869	19	0	0	0	1/26/2013 14:04
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834910	9	0	0	0	1/26/2013 16:04
835062	152	0	0	0	1/26/2013 17:04
835064	2	0	0	0	1/26/2013 18:04
835065	1	0	0	0	1/26/2013 19:04
835065	0	0	0	0	1/26/2013 20:04
835068	3	0	0	0	1/26/2013 21:04
835068	0	0	0	0	1/26/2013 22:04
835069	1	0	0	0	1/26/2013 23:04
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835071	0	0	0	0	1/27/2013 12:04
835071	0	0	0	0	1/27/2013 13:04
835079	8	0	0	0	1/27/2013 14:04
835082	3	0	0	0	1/27/2013 15:04
835082	0	0	0	0	1/27/2013 16:04
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835235	1	0	0	0	1/27/2013 19:04
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835243	4	0	0	0	1/27/2013 23:04
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835250	1	0	0	0	1/28/2013 3:04
835250	0	0	0	0	1/28/2013 4:04
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835252	1	0	0	0	1/28/2013 8:04
835255	3	0	0	0	1/28/2013 9:04

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835259	2	0	0	0	1/28/2013 11:04
835263	4	0	0	0	1/28/2013 12:04
835264	1	0	0	0	1/28/2013 13:04
835266	2	0	0	0	1/28/2013 14:04
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835273	2	0	0	0	1/28/2013 16:04
835424	151	0	0	0	1/28/2013 17:04
835426	2	0	0	0	1/28/2013 18:04
835428	2	0	0	0	1/28/2013 19:04
835445	17	0	0	0	1/28/2013 20:04
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835446	0	0	0	0	1/28/2013 23:04
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835450	0	0	0	0	1/29/2013 7:04
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835468	11	0	0	0	1/29/2013 12:04
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835488	18	0	0	0	1/29/2013 14:04
835490	2	0	0	0	1/29/2013 15:04
835493	3	0	0	0	1/29/2013 16:04
835641	148	0	0	0	1/29/2013 17:04
835650	9	0	0	0	1/29/2013 18:04
835650	0	0	0	0	1/29/2013 19:04
835652	2	0	0	0	1/29/2013 20:04
835653	1	0	0	0	1/29/2013 21:04
835653	0	0	0	0	1/29/2013 22:04
835655	2	0	0	0	1/29/2013 23:04
835659	4	0	0	0	1/30/2013 0:04
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835659	0	0	0	0	1/30/2013 6:04
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835664	4	0	0	0	1/30/2013 8:04

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835692	0	0	0	0	1/30/2013 10:04
835692	0	0	0	0	1/30/2013 11:04
835696	4	0	0	0	1/30/2013 12:04
835715	19	0	0	0	1/30/2013 13:04
835717	2	0	0	0	1/30/2013 14:04
835718	1	0	0	0	1/30/2013 15:04
835723	5	0	0	0	1/30/2013 16:04
835876	153	0	0	0	1/30/2013 17:04
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835916	4	0	0	0	1/30/2013 19:04
835919	3	0	0	0	1/30/2013 20:04
835929	10	0	0	0	1/30/2013 21:04
835933	4	0	0	0	1/30/2013 22:04
835943	10	0	0	0	1/30/2013 23:04
835949	6	0	0	0	1/31/2013 0:04
835949	0	0	0	0	1/31/2013 1:04
835949	0	0	0	0	1/31/2013 2:04
835949	0	0	0	0	1/31/2013 3:04
835949	0	0	0	0	1/31/2013 4:04
835949	0	0	0	0	1/31/2013 5:04
835949	0	0	0	0	1/31/2013 6:04
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835950	0	0	0	0	1/31/2013 9:04
835951	1	0	0	0	1/31/2013 10:04
835968	17	0	0	0	1/31/2013 11:04
835974	6	0	0	0	1/31/2013 12:04
835978	4	0	0	0	1/31/2013 13:04
835979	1	0	0	0	1/31/2013 14:04
835984	5	0	0	0	1/31/2013 15:04
835985	1	0	0	0	1/31/2013 16:04
836136	151	0	0	0	1/31/2013 17:04
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836142	2	0	0	0	1/31/2013 19:04
836175	33	0	0	0	1/31/2013 20:04
836190	15	0	0	0	1/31/2013 21:04
836190	0	0	0	0	1/31/2013 22:04
836192	2	0	0	0	1/31/2013 23:04
836193	1	0	0	0	2/1/2013 0:04
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836193	0	0	0	0	2/1/2013 3:04
836193	0	0	0	0	2/1/2013 4:04
836193	0	0	0	0	2/1/2013 5:04
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836195	0	0	0	0	2/1/2013 7:04

836196	1	0	0	0	2/1/2013 8:04
836198	2	0	0	0	2/1/2013 9:04
836215	17	0	0	0	2/1/2013 10:04
836215	0	0	0	0	2/1/2013 11:04
836215	0	0	0	0	2/1/2013 12:04
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836218	1	0	0	0	2/1/2013 14:04
836255	37	0	0	0	2/1/2013 15:04
836267	12	0	0	0	2/1/2013 16:04
836434	167	0	0	0	2/1/2013 17:04
836450	16	0	0	0	2/1/2013 18:04
836462	12	0	0	0	2/1/2013 19:04
836470	8	0	0	0	2/1/2013 20:04
836470	0	0	0	0	2/1/2013 21:04
836470	0	0	0	0	2/1/2013 22:04
836471	1	0	0	0	2/1/2013 23:04
836472	1	0	0	0	2/2/2013 0:04
836480	8	0	0	0	2/2/2013 1:04
836480	0	0	0	0	2/2/2013 2:04
836480	0	0	0	0	2/2/2013 3:04
836480	0	0	0	0	2/2/2013 4:04
836480	0	0	0	0	2/2/2013 5:04
836480	0	0	0	0	2/2/2013 6:04
836480	0	0	0	0	2/2/2013 7:04
836483	3	0	0	0	2/2/2013 8:04
836483	0	0	0	0	2/2/2013 9:04
836483	0	0	0	0	2/2/2013 10:04
836483	0	0	0	0	2/2/2013 11:04
836485	2	0	0	0	2/2/2013 12:04
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836485	0	0	0	0	2/2/2013 14:04
836485	0	0	0	0	2/2/2013 15:04
836488	3	0	0	0	2/2/2013 16:04
836639	151	0	0	0	2/2/2013 17:04
836647	8	0	0	0	2/2/2013 18:04
836647	0	0	0	0	2/2/2013 19:04
836647	0	0	0	0	2/2/2013 20:04
836647	0	0	0	0	2/2/2013 21:04
836648	1	0	0	0	2/2/2013 22:04
836648	0	0	0	0	2/2/2013 23:04
836655	7	0	0	0	2/3/2013 0:04
836656	1	0	0	0	2/3/2013 1:04
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836656	0	0	0	0	2/3/2013 3:04
836656	0	0	0	0	2/3/2013 4:04
836656	0	0	0	0	2/3/2013 5:04
836656	0	0	0	0	2/3/2013 6:04

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836656	0	0	0	0	2/3/2013 8:04
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836664	0	0	0	0	2/3/2013 12:04
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836700	32	0	0	0	2/3/2013 14:04
836735	35	0	0	0	2/3/2013 15:04
836743	8	0	0	0	2/3/2013 16:04
836913	170	0	0	0	2/3/2013 17:04
836918	5	0	0	0	2/3/2013 18:04
836924	6	0	0	0	2/3/2013 19:04
836931	7	0	0	0	2/3/2013 20:04
836931	0	0	0	0	2/3/2013 21:04
836935	4	0	0	0	2/3/2013 22:04
836935	0	0	0	0	2/3/2013 23:04
836935	0	0	0	0	2/4/2013 0:04
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836935	0	0	0	0	2/4/2013 2:04
836936	1	0	0	0	2/4/2013 3:04
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836936	0	0	0	0	2/4/2013 5:04
836936	0	0	0	0	2/4/2013 6:04
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836938	0	0	0	0	2/4/2013 8:04
836938	0	0	0	0	2/4/2013 9:04
836942	4	0	0	0	2/4/2013 10:04
836958	16	0	0	0	2/4/2013 11:04
836971	13	0	0	0	2/4/2013 12:04
836972	1	0	0	0	2/4/2013 13:04
836973	1	0	0	0	2/4/2013 14:04
836976	3	0	0	0	2/4/2013 15:04
836985	9	0	0	0	2/4/2013 16:04
837135	150	0	0	0	2/4/2013 17:04
837138	3	0	0	0	2/4/2013 18:04
837138	0	0	0	0	2/4/2013 19:04
837152	14	0	0	0	2/4/2013 20:04
837166	14	0	0	0	2/4/2013 21:04
837179	13	0	0	0	2/4/2013 22:04
837195	16	0	0	0	2/4/2013 23:04
837205	10	0	0	0	2/5/2013 0:04
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837206	0	0	0	0	2/5/2013 3:04
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837206	0	0	0	0	2/5/2013 5:04

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837206	0	0	0	0	2/5/2013 7:04
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837214	7	0	0	0	2/5/2013 9:04
837226	12	0	0	0	2/5/2013 10:04
837236	10	0	0	0	2/5/2013 11:04
837240	4	0	0	0	2/5/2013 12:04
837241	1	0	0	0	2/5/2013 13:04
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837250	4	0	0	0	2/5/2013 15:04
837250	0	0	0	0	2/5/2013 16:04
837399	149	0	0	0	2/5/2013 17:04
837403	4	0	0	0	2/5/2013 18:04
837408	5	0	0	0	2/5/2013 19:04
837411	3	0	0	0	2/5/2013 20:04
837413	2	0	0	0	2/5/2013 21:04
837428	15	0	0	0	2/5/2013 22:04
837430	2	0	0	0	2/5/2013 23:04
837444	14	0	0	0	2/6/2013 0:04
837444	0	0	0	0	2/6/2013 1:04
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837448	4	0	0	0	2/6/2013 3:04
837448	0	0	0	0	2/6/2013 4:04
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837454	5	0	0	0	2/6/2013 8:04
837460	6	0	0	0	2/6/2013 9:04
837469	9	0	0	0	2/6/2013 10:04
837475	6	0	0	0	2/6/2013 11:04
837475	0	0	0	0	2/6/2013 12:04
837475	0	0	0	0	2/6/2013 13:04
837481	6	0	0	0	2/6/2013 14:04
837487	6	0	0	0	2/6/2013 15:04
837487	0	0	0	0	2/6/2013 16:04
837646	159	0	0	0	2/6/2013 17:04
837651	5	0	0	0	2/6/2013 18:04
837659	8	0	0	0	2/6/2013 19:04
837664	5	0	0	0	2/6/2013 20:04
837678	14	0	0	0	2/6/2013 21:04
837693	15	0	0	0	2/6/2013 22:04
837694	1	0	0	0	2/6/2013 23:04
837708	14	0	0	0	2/7/2013 0:04
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837712	0	0	0	0	2/7/2013 2:04
837713	1	0	0	0	2/7/2013 3:04
837713	0	0	0	0	2/7/2013 4:04

837714	1	0	0	0	2/7/2013 5:04
837714	0	0	0	0	2/7/2013 6:04
837714	0	0	0	0	2/7/2013 7:04
837718	4	0	0	0	2/7/2013 8:04
837719	1	0	0	0	2/7/2013 9:04
837725	6	0	0	0	2/7/2013 10:04
837725	0	0	0	0	2/7/2013 11:04
837727	2	0	0	0	2/7/2013 12:04
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837731	1	0	0	0	2/7/2013 14:04
837746	15	0	0	0	2/7/2013 15:04
837754	8	0	0	0	2/7/2013 16:04
837909	155	0	0	0	2/7/2013 17:04
837922	13	0	0	0	2/7/2013 18:04
837922	0	0	0	0	2/7/2013 19:04
837925	3	0	0	0	2/7/2013 20:04
837931	6	0	0	0	2/7/2013 21:04
837933	2	0	0	0	2/7/2013 22:04
837956	23	0	0	0	2/7/2013 23:04
837975	19	0	0	0	2/8/2013 0:04
837975	0	0	0	0	2/8/2013 1:04
837975	0	0	0	0	2/8/2013 2:04
837975	0	0	0	0	2/8/2013 3:04
837975	0	0	0	0	2/8/2013 4:04
837975	0	0	0	0	2/8/2013 5:04
837975	0	0	0	0	2/8/2013 6:04
837976	1	0	0	0	2/8/2013 7:04
837976	0	0	0	0	2/8/2013 8:04
837982	6	0	0	0	2/8/2013 9:04
837986	4	0	0	0	2/8/2013 10:04
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837993	3	0	0	0	2/8/2013 12:04
837997	4	0	0	0	2/8/2013 13:04
838007	10	0	0	0	2/8/2013 14:04
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838016	3	0	0	0	2/8/2013 16:04
838165	149	0	0	0	2/8/2013 17:04
838176	11	0	0	0	2/8/2013 18:04
838178	2	0	0	0	2/8/2013 19:04
838183	5	0	0	0	2/8/2013 20:04
838196	13	0	0	0	2/8/2013 21:04
838211	15	0	0	0	2/8/2013 22:04
838224	13	0	0	0	2/8/2013 23:04
838225	1	0	0	0	2/9/2013 0:04
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838225	0	0	0	0	2/9/2013 2:04
838225	0	0	0	0	2/9/2013 3:04

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838229	0	0	0	0	2/9/2013 5:04
838229	0	0	0	0	2/9/2013 6:04
838229	0	0	0	0	2/9/2013 7:04
838235	6	0	0	0	2/9/2013 8:04
838242	7	0	0	0	2/9/2013 9:04
838244	2	0	0	0	2/9/2013 10:04
838246	2	0	0	0	2/9/2013 11:04
838269	23	0	0	0	2/9/2013 12:04
838276	7	0	0	0	2/9/2013 13:04
838286	10	0	0	0	2/9/2013 14:04
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838286	0	0	0	0	2/9/2013 16:04
838438	152	0	0	0	2/9/2013 17:04
838442	4	0	0	0	2/9/2013 18:04
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838446	4	0	0	0	2/9/2013 20:04
838453	7	0	0	0	2/9/2013 21:04
838453	0	0	0	0	2/9/2013 22:04
838471	18	0	0	0	2/9/2013 23:04
838482	11	0	0	0	2/10/2013 0:04
838483	1	0	0	0	2/10/2013 1:04
838483	0	0	0	0	2/10/2013 2:04
838483	0	0	0	0	2/10/2013 3:04
838483	0	0	0	0	2/10/2013 4:04
838483	0	0	0	0	2/10/2013 5:04
838483	0	0	0	0	2/10/2013 6:04
838483	0	0	0	0	2/10/2013 7:04
838489	6	0	0	0	2/10/2013 8:04
838494	5	0	0	0	2/10/2013 9:04
838498	4	0	0	0	2/10/2013 10:04
838503	5	0	0	0	2/10/2013 11:04
838503	0	0	0	0	2/10/2013 12:04
838503	0	0	0	0	2/10/2013 13:04
838505	2	0	0	0	2/10/2013 14:04
838510	5	0	0	0	2/10/2013 15:04
838514	4	0	0	0	2/10/2013 16:04
838678	164	0	0	0	2/10/2013 17:04
838682	4	0	0	0	2/10/2013 18:04
838685	3	0	0	0	2/10/2013 19:04
838686	1	0	0	0	2/10/2013 20:04
838687	1	0	0	0	2/10/2013 21:04
838689	2	0	0	0	2/10/2013 22:04
838714	25	0	0	0	2/10/2013 23:04
838724	10	0	0	0	2/11/2013 0:04
838724	0	0	0	0	2/11/2013 1:04
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838724	0	0	0	0	2/11/2013 3:04
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838733	5	0	0	0	2/11/2013 6:04
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838733	0	0	0	0	2/11/2013 8:04
838738	5	0	0	0	2/11/2013 9:04
838745	7	0	0	0	2/11/2013 10:04
838776	31	0	0	0	2/11/2013 11:04
838776	0	0	0	0	2/11/2013 12:04
838777	1	0	0	0	2/11/2013 13:04
838797	20	0	0	0	2/11/2013 14:04
838807	10	0	0	0	2/11/2013 15:04
838811	4	0	0	0	2/11/2013 16:04
838974	163	0	0	0	2/11/2013 17:04
838978	4	0	0	0	2/11/2013 18:04
838980	2	0	0	0	2/11/2013 19:04
838989	9	0	0	0	2/11/2013 20:04
839007	18	0	0	0	2/11/2013 21:04
839007	0	0	0	0	2/11/2013 22:04
839008	1	0	0	0	2/11/2013 23:04
839010	2	0	0	0	2/12/2013 0:04
839010	0	0	0	0	2/12/2013 1:04
839010	0	0	0	0	2/12/2013 2:04
839010	0	0	0	0	2/12/2013 3:04
839010	0	0	0	0	2/12/2013 4:04
839014	4	0	0	0	2/12/2013 5:04
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839015	0	0	0	0	2/12/2013 7:04
839019	4	0	0	0	2/12/2013 8:04
839023	4	0	0	0	2/12/2013 9:04
839041	18	0	0	0	2/12/2013 10:04
839045	4	0	0	0	2/12/2013 11:04
839045	0	0	0	0	2/12/2013 12:04
839047	2	0	0	0	2/12/2013 13:04
839080	33	0	0	0	2/12/2013 14:04
839081	1	0	0	0	2/12/2013 15:04
839081	0	0	0	0	2/12/2013 16:04
839230	149	0	0	0	2/12/2013 17:04
839236	6	0	0	0	2/12/2013 18:04
839236	0	0	0	0	2/12/2013 19:04
839238	2	0	0	0	2/12/2013 20:04
839240	2	0	0	0	2/12/2013 21:04
839246	6	0	0	0	2/12/2013 22:04
839258	12	0	0	0	2/12/2013 23:04
839259	1	0	0	0	2/13/2013 0:04
839262	3	0	0	0	2/13/2013 1:04

839262	0	0	0	0	2/13/2013 2:04
839262	0	0	0	0	2/13/2013 3:04
839262	0	0	0	0	2/13/2013 4:04
839266	4	0	0	0	2/13/2013 5:04
839267	1	0	0	0	2/13/2013 6:04
839269	2	0	0	0	2/13/2013 7:04
839275	6	0	0	0	2/13/2013 8:04
839275	0	0	0	0	2/13/2013 9:04
839275	0	0	0	0	2/13/2013 10:04
839318	43	0	0	0	2/13/2013 11:04
839319	1	0	0	0	2/13/2013 12:04
839319	0	0	0	0	2/13/2013 13:04
839320	1	0	0	0	2/13/2013 14:04
839325	5	0	0	0	2/13/2013 15:04
839327	2	0	0	0	2/13/2013 16:04
839476	149	0	0	0	2/13/2013 17:04
839482	6	0	0	0	2/13/2013 18:04
839490	8	0	0	0	2/13/2013 19:04
839502	12	0	0	0	2/13/2013 20:04
839507	5	0	0	0	2/13/2013 21:04
839522	15	0	0	0	2/13/2013 22:04
839526	4	0	0	0	2/13/2013 23:04
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839526	0	0	0	0	2/14/2013 2:04
839526	0	0	0	0	2/14/2013 3:04
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839526	0	0	0	0	2/14/2013 5:04
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839527	0	0	0	0	2/14/2013 8:04
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839554	21	0	0	0	2/14/2013 10:04
839558	4	0	0	0	2/14/2013 11:04
839558	0	0	0	0	2/14/2013 12:04
839560	2	0	0	0	2/14/2013 13:04
839565	5	0	0	0	2/14/2013 14:04
839565	0	0	0	0	2/14/2013 15:04
839565	0	0	0	0	2/14/2013 16:04
839730	165	0	0	0	2/14/2013 17:04
839735	5	0	0	0	2/14/2013 18:04
839741	6	0	0	0	2/14/2013 19:04
839742	1	0	0	0	2/14/2013 20:04
839742	0	0	0	0	2/14/2013 21:04
839744	2	0	0	0	2/14/2013 22:04
839771	27	0	0	0	2/14/2013 23:04
839778	7	0	0	0	2/15/2013 0:04

839778	0	0	0	0	2/15/2013 1:04
839778	0	0	0	0	2/15/2013 2:04
839778	0	0	0	0	2/15/2013 3:04
839778	0	0	0	0	2/15/2013 4:04
839779	1	0	0	0	2/15/2013 5:04
839779	0	0	0	0	2/15/2013 6:04
839779	0	0	0	0	2/15/2013 7:04
839784	5	0	0	0	2/15/2013 8:04
839789	5	0	0	0	2/15/2013 9:04
839795	6	0	0	0	2/15/2013 10:04
839795	0	0	0	0	2/15/2013 11:04
839795	0	0	0	0	2/15/2013 12:04
839797	2	0	0	0	2/15/2013 13:04
839806	9	0	0	0	2/15/2013 14:04
839811	5	0	0	0	2/15/2013 15:04
839812	1	0	0	0	2/15/2013 16:04
839962	150	0	0	0	2/15/2013 17:04
839969	7	0	0	0	2/15/2013 18:04
839996	27	0	0	0	2/15/2013 19:04
840000	4	0	0	0	2/15/2013 20:04
840000	0	0	0	0	2/15/2013 21:04
840000	0	0	0	0	2/15/2013 22:04
840000	0	0	0	0	2/15/2013 23:04
840017	17	0	0	0	2/16/2013 0:04
840024	7	0	0	0	2/16/2013 1:04
840024	0	0	0	0	2/16/2013 2:04
840024	0	0	0	0	2/16/2013 3:04
840024	0	0	0	0	2/16/2013 4:04
840024	0	0	0	0	2/16/2013 5:04
840024	0	0	0	0	2/16/2013 6:04
840024	0	0	0	0	2/16/2013 7:04
840039	15	0	0	0	2/16/2013 8:04
840045	6	0	0	0	2/16/2013 9:04
840050	5	0	0	0	2/16/2013 10:04
840051	1	0	0	0	2/16/2013 11:04
840051	0	0	0	0	2/16/2013 12:04
840055	4	0	0	0	2/16/2013 13:04
840101	46	0	0	0	2/16/2013 14:04
840101	0	0	0	0	2/16/2013 15:04
840101	0	0	0	0	2/16/2013 16:04
840253	152	0	0	0	2/16/2013 17:04
840261	8	0	0	0	2/16/2013 18:04
840267	6	0	0	0	2/16/2013 19:04
840271	4	0	0	0	2/16/2013 20:04
840289	18	0	0	0	2/16/2013 21:04
840292	3	0	0	0	2/16/2013 22:04
840297	5	0	0	0	2/16/2013 23:04

840307	10	0	0	0	2/17/2013 0:04
840314	7	0	0	0	2/17/2013 1:04
840314	0	0	0	0	2/17/2013 2:04
840314	0	0	0	0	2/17/2013 3:04
840314	0	0	0	0	2/17/2013 4:04
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840314	0	0	0	0	2/17/2013 7:04
840319	5	0	0	0	2/17/2013 8:04
840327	8	0	0	0	2/17/2013 9:04
840333	6	0	0	0	2/17/2013 10:04
840342	9	0	0	0	2/17/2013 11:04
840344	2	0	0	0	2/17/2013 12:04
840347	3	0	0	0	2/17/2013 13:04
840348	1	0	0	0	2/17/2013 14:04
840364	16	0	0	0	2/17/2013 15:04
840375	11	0	0	0	2/17/2013 16:04
840542	167	0	0	0	2/17/2013 17:04
840555	13	0	0	0	2/17/2013 18:04
840565	10	0	0	0	2/17/2013 19:04
840565	0	0	0	0	2/17/2013 20:04
840565	0	0	0	0	2/17/2013 21:04
840565	0	0	0	0	2/17/2013 22:04
840579	14	0	0	0	2/17/2013 23:04
840593	14	0	0	0	2/18/2013 0:04
840593	0	0	0	0	2/18/2013 1:04
840593	0	0	0	0	2/18/2013 2:04
840593	0	0	0	0	2/18/2013 3:04
840594	1	0	0	0	2/18/2013 4:04
840594	0	0	0	0	2/18/2013 5:04
840595	1	0	0	0	2/18/2013 6:04
840595	0	0	0	0	2/18/2013 7:04
840596	1	0	0	0	2/18/2013 8:04
840599	3	0	0	0	2/18/2013 9:04
840606	7	0	0	0	2/18/2013 10:04
840610	4	0	0	0	2/18/2013 11:04
840610	0	0	0	0	2/18/2013 12:04
840611	1	0	0	0	2/18/2013 13:04
840613	2	0	0	0	2/18/2013 14:04
840614	1	0	0	0	2/18/2013 15:04
840622	8	0	0	0	2/18/2013 16:04
840776	154	0	0	0	2/18/2013 17:04
840782	6	0	0	0	2/18/2013 18:04
840788	6	0	0	0	2/18/2013 19:04
840793	5	0	0	0	2/18/2013 20:04
840794	1	0	0	0	2/18/2013 21:04
840807	13	0	0	0	2/18/2013 22:04

840808	1	0	0	0	2/18/2013 23:04
840823	15	0	0	0	2/19/2013 0:04
840823	0	0	0	0	2/19/2013 1:04
840823	0	0	0	0	2/19/2013 2:04
840823	0	0	0	0	2/19/2013 3:04
840823	0	0	0	0	2/19/2013 4:04
840823	0	0	0	0	2/19/2013 5:04
840824	1	0	0	0	2/19/2013 6:04
840824	0	0	0	0	2/19/2013 7:04
840829	5	0	0	0	2/19/2013 8:04
840833	4	0	0	0	2/19/2013 9:04
840844	11	0	0	0	2/19/2013 10:04
840848	4	0	0	0	2/19/2013 11:04
841069	221	0	0	0	2/19/2013 12:04
841114	45	0	0	0	2/19/2013 13:04
841120	6	0	0	0	2/19/2013 14:04
841121	1	0	0	0	2/19/2013 15:04
841122	1	0	0	0	2/19/2013 16:04
841127	5	0	0	0	2/19/2013 17:04
841128	1	0	0	0	2/19/2013 18:04
841130	2	0	0	0	2/19/2013 19:04
841138	8	0	0	0	2/19/2013 20:04
841139	1	0	0	0	2/19/2013 21:04
841151	12	0	0	0	2/19/2013 22:04
841153	2	0	0	0	2/19/2013 23:04
841160	7	0	0	0	2/20/2013 0:04
841160	0	0	0	0	2/20/2013 1:04
841160	0	0	0	0	2/20/2013 2:04
841160	0	0	0	0	2/20/2013 3:04
841160	0	0	0	0	2/20/2013 4:04
841160	0	0	0	0	2/20/2013 5:04
841161	1	0	0	0	2/20/2013 6:04
841161	0	0	0	0	2/20/2013 7:04
841161	0	0	0	0	2/20/2013 8:04
841166	5	0	0	0	2/20/2013 9:04
841203	37	0	0	0	2/20/2013 10:04
841220	17	0	0	0	2/20/2013 11:04
841447	227	0	0	0	2/20/2013 12:04
841493	46	0	0	0	2/20/2013 13:04
841496	3	0	0	0	2/20/2013 14:04
841503	7	0	0	0	2/20/2013 15:04
841506	3	0	0	0	2/20/2013 16:04
841512	6	0	0	0	2/20/2013 17:04
841515	3	0	0	0	2/20/2013 18:04
841518	3	0	0	0	2/20/2013 19:04
841521	3	0	0	0	2/20/2013 20:04
841521	0	0	0	0	2/20/2013 21:04

841535	14	0	0	0	2/20/2013 22:04
841539	4	0	0	0	2/20/2013 23:04
841555	16	0	0	0	2/21/2013 0:04
841555	0	0	0	0	2/21/2013 1:04
841555	0	0	0	0	2/21/2013 2:04
841555	0	0	0	0	2/21/2013 3:04
841556	1	0	0	0	2/21/2013 4:04
841556	0	0	0	0	2/21/2013 5:04
841556	0	0	0	0	2/21/2013 6:04
841557	1	0	0	0	2/21/2013 7:04
841560	3	0	0	0	2/21/2013 8:04
841566	6	0	0	0	2/21/2013 9:04
841566	0	0	0	0	2/21/2013 10:04
841575	9	0	0	0	2/21/2013 11:04
841798	223	0	0	0	2/21/2013 12:04
841844	46	0	0	0	2/21/2013 13:04
841854	10	0	0	0	2/21/2013 14:04
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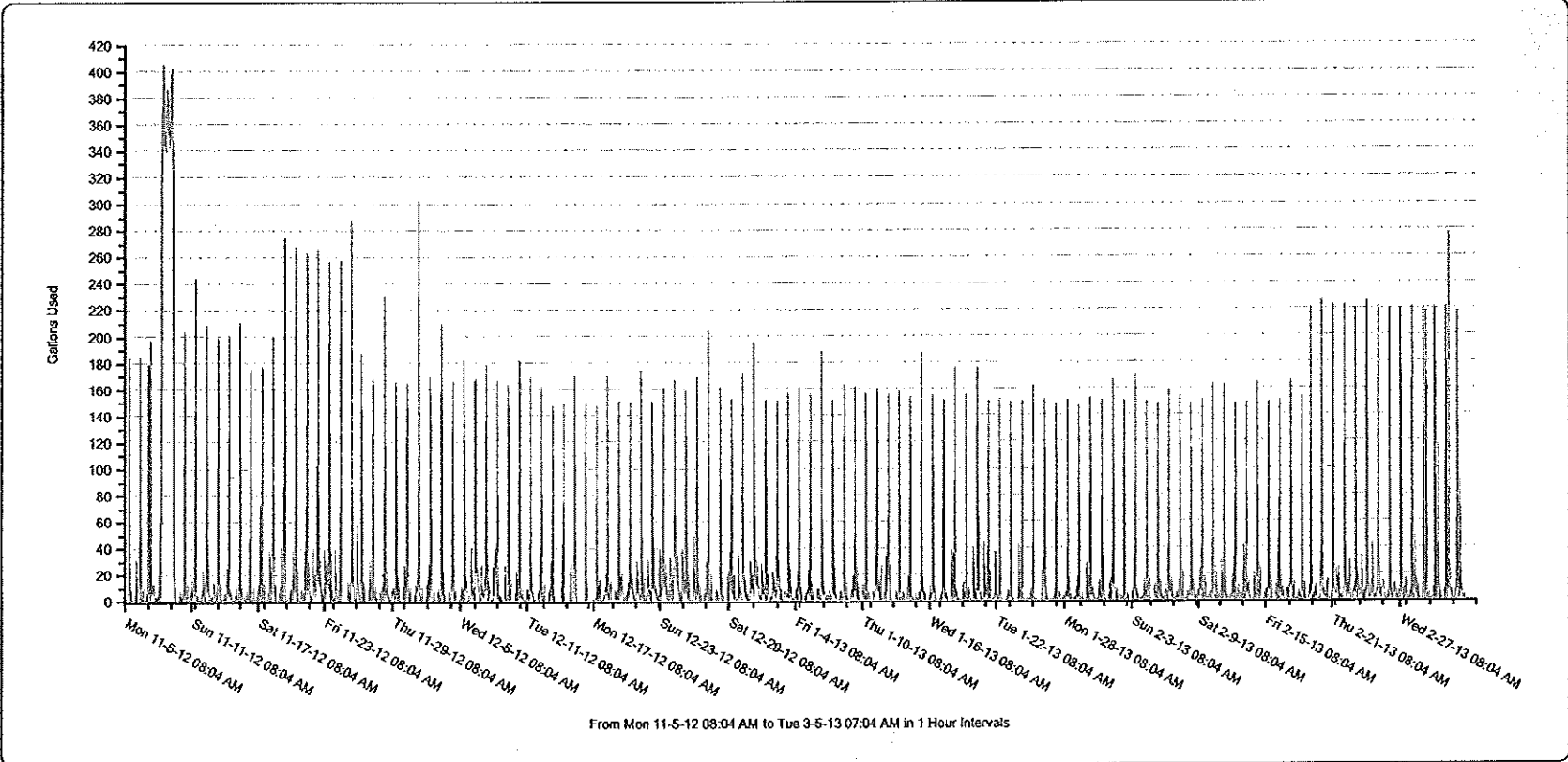
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User ID	Logging Sta	Logging Stc	Pressure Compensation
ekj	#####	#####	1

ORION Meter Reading Profile
Serial # 80773950



Profile Name: 80773950 20130305 0705

WATER METER READINGS

<u>METER READING</u>	<u>DATE-2013</u>	<u>TIME</u>
① ✓ 828 330	JANUARY 2	1:18 PM
② ✓ 828 650	JANUARY 3	9:13 AM
③ ✓ 828 910	JANUARY 4	8:41 AM
④ ✓ 828 970	JANUARY 4	3:57 PM
⑤ ✓ 829 130	JANUARY 4	4:23 PM
⑥ ✓ 829 190	JANUARY 5	7:58 AM
⑦ 829 460	JANUARY 6	12:07 PM
⑧ ✓ 829 730	JANUARY 7	8:50 AM
⑨ ✓ 829 970	JANUARY 8	8:46 AM
⑩ ✓ 830 230	JANUARY 9	9:36 AM

FOR EIGHT(8) DAYS, I USED 1,900 GALLONS OF WATER-- WHICH
 AVERAGED OUT TO 237.5 GALLONS PER DAY

Submitted by: Harold Matsunaga

3206 Fujii Street

Lihue, Kauai, HI 96766

New Business

The text "New Business" is rendered in a bold, sans-serif font. The letters are a vibrant blue with a thick green outline. The text is slightly slanted upwards from left to right. Below the text, there is a soft, grey shadow that gives it a three-dimensional appearance as if it's floating above a surface.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO. 13-34

March 21, 2013

Re: Request for Board Approval for Grant of Easement W-1 from Kamalu KB LLC a domestic limited liability company for the 2nd Water Meter Plan For Lot 2, TMK: (4) 4-2-03:051, Wailua Homesteads, Kauai, Hawaii

RECOMMENDATION:

It is recommended that the Board approve the Grant of Easement document whereby, Kamalu KB LLC, a domestic limited liability company, grant to the Board of Water Supply, County of Kauai, perpetual easement, W-1, on, over and under that certain parcel of land located in TMK: (4) 4-2-03:051, Wailua Homesteads, Kauai, Hawaii, for the reading of water meters and for the construction, installation, re-installation, maintenance, repair and removal of potable water pipelines and related meters, valves, and other associated waterworks facilities improvements and appurtenances, together with the right of ingress and egress at any time to and from the said easement area with or without vehicles or other equipment as the Department of Water shall deem necessary for the proper operation of its water system for the construction plan for "2nd Water Meter Plan For Lot 2", TMK: (4) 4-2-03:051, Wailua Homesteads, Kauai, Hawaii.

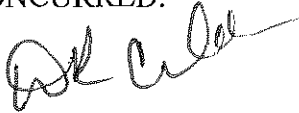
Further, Board approval is specifically requested of the indemnification provision in this agreement, wherein the Board agrees to indemnify and hold harmless the Grantee from property damage and injuries to person (including death), when such damages and injuries are caused by the Department's negligence while using the area.

Respectfully submitted,



Keith Aoki
Civil Engineer V

CONCURRED:



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

Attached: Grant of Easement for TMK: (4) 4-2-03:051, Kamalu KB LLC, a Domestic Limited Liability Company

AK:ein

Mgrrp/March 2013/13-34 Request for Board Approval for Grant of Easement W-1 from Kamalu KB LLC a domestic limited liability company for the 2nd Water Meter Plan For Lot 2, TMK: (4) 4-2-03:051, Wailua Homesteads, Kauai, Hawai'i (03-21-13):ein

W I T N E S S E T H:

THAT IN CONSIDERATION of the sum of one dollar (\$1.00) paid by the GRANTEE to the GRANTOR, the receipt of which is acknowledged, and the covenants contained in this grant of easement to be performed by the GRANTEE, the GRANTOR does hereby grant, bargain, sell and convey to the GRANTEE an easement in perpetuity on, over, and under that certain parcel of land located generally at Kawaihau District, Kauai, Hawaii, **Tax Map Key No.**

(TMK) (4) 4 - 2 - 0 0 3 : 0 5 1 ;; **Project Name:** 2nd Water Meter for Lot 2

Subdivision No.: Not Applicable, and more particularly described in Exhibit "A", which is attached and incorporated by reference into this grant of easement (hereafter "easement area").

This easement is granted for the reading of water meters and for the construction, installation, re-installation, maintenance, repair, and removal of potable water pipelines and related meters, valves, and other associated waterworks facility improvements and appurtenances. The GRANTEE is further allowed the right of ingress and egress at any time to, from, and through the easement area, with or without vehicles or equipment, as the GRANTEE deems necessary for the proper operation of its water system.

TO HAVE AND TO HOLD the same unto the GRANTEE forever; provided that should the GRANTEE cease to use the easement area for the purposes described for a continuous period of two (2) calendar years, this easement shall terminate and the interest granted shall immediately and without the GRANTOR's re-entry revert to the GRANTOR. In such an event, this easement shall cease to exist by operation of the GRANTEE's non-use, without any necessary action on the GRANTOR's part.

AND IN FURTHER CONSIDERATION of the rights granted to the GRANTEE the benefits accruing to the GRANTOR under this easement, the GRANTOR and GRANTEE further covenant, agree, and promise as follows:

1. That should the GRANTEE disturb in any way the ground which is the subject of the easement area, the GRANTEE shall at its own expense restore the ground to its original condition to the extent that such restoration is reasonable;

2. That the GRANTEE shall indemnify and save the GRANTOR harmless from and against all damage to the GRANTOR's property and all liability for injury to or the death of persons when such damage, injury, or death is caused by the negligence of the GRANTEE, its officers, agents and employees while using the easement area;
3. That the GRANTEE shall not assign its rights under this easement without the prior written consent of the GRANTOR; provided that the GRANTEE may assign its rights to a successor of the GRANTEE duly created by law;
4. That should the GRANTOR's development plans require that the easement area and/or waterworks facility improvements within, on, or under the easement area be re-located, the GRANTOR will, at the GRANTOR's own expense and pursuant to the GRANTEE's instructions and specifications, re-locate the affected easement area and waterworks facility improvements and appurtenances without interruption of the GRANTEE's services;
5. That the GRANTOR shall at no time erect any building foundation of any kind below the surface of the land which is the subject of the easement area or any building or structure of any kind (other than roads, sidewalks, curbs or similar appurtenances) on the surface of the land which is the subject of the easement area unless the GRANTOR receives the prior written consent of the GRANTEE.

Only lawn grass shall be planted within three (3) feet of all meter boxes, fire hydrants, and other waterworks facility improvements and appurtenances. No trees with aggressive root systems shall be planted within twenty (20) feet of all meter boxes, fire hydrants, and other waterworks facility improvements and appurtenances.

This Paragraph No. 5, though, shall not prevent the GRANTOR from crossing over, constructing, and maintaining roadways within the easement area or laying, operating, maintaining, repairing, or removing conduits and drains which do not interfere with the exercise of the GRANTEE's rights under this easement; and

6. That the GRANTOR covenants with the GRANTEE that the GRANTOR is the lawful owner of the land which is the subject of this easement area, that the GRANTOR has good right and title to grant this easement, and that the GRANTOR will warrant and defend the same unto the GRANTEE against the claims and demands of all persons.


When used within this document the term "GRANTOR" shall mean the singular and plural, masculine and feminine, and natural persons, trustees, corporations, partnerships, limited partnerships, sole proprietorships and other forms of business entities. The term shall also mean the GRANTOR's or GRANTORS' estates, heirs, personal representatives, successors, successors-in-trust and assigns.

IT IS FURTHER MUTUALLY AGREED that the terms of this easement shall be binding upon and inure to the benefit of all the parties to this document and that all covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed in this document.

This Agreement may be executed in counterparts. Each counterpart shall be executed by one or more parties hereinbefore named and the several counterparts shall constitute one instrument to the same effect as though the signatures of all the parties are upon the same document.

OWNER:

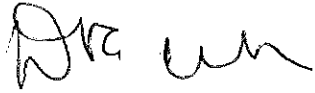
KAMALU KB LLC
a Domestic Limited Liability Company



By: Steven Lee
Its: Manager

GRANTOR

APPROVED:



Manager and Chief Engineer
Department of Water, County of Kauai

**APPROVED AS TO FORM
AND LEGALITY:**



Deputy County Attorney

ACCEPTED:

**BOARD OF WATER SUPPLY,
COUNTY OF KAUAI**

By: _____

Its: _____

GRANTEE

STATE OF HAWAII)
) ss.
COUNTY OF KAUAI)

On this _____ day of _____, _____, before me appeared _____, to me personally known, who, being by me duly sworn, did say that said officer is the _____ of the **COUNTY OF KAUAI, BOARD OF WATER SUPPLY**, and that the foregoing instrument was signed on behalf of said Department, and said officer acknowledged said instrument to be the free act and deed of said Department, and that said Department has no corporate seal.

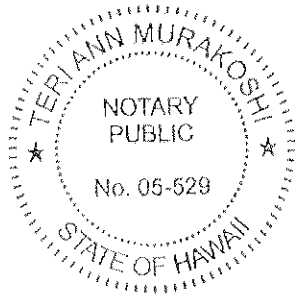
Notary Public, State of Hawaii

Name of Notary: _____

My Commission expires: _____

STATE OF HAWAII)
) ss
CITY AND COUNTY OF HONOLULU)

On this 11 day of January, 2013, before me appeared
Steven Lee to me known, who, being by me duly sworn, did say that he is
the Manager of Kamalu K B LLC, a Domestic Limited Liability Company
and that said instrument was signed on behalf of said company and he acknowledged said
instrument to be the free act and deed of said Domestic Limited Liability Company.



Teri Ann Murakoshi

Notary Public, State of Hawaii

Name of Notary: TERI ANN MURAKOSHI
My Commission expires: 8/28/2013

Doc. Date: Undated # Pages 9

Notary Name: Teri Ann Murakoshi First Circuit

Doc. Description Grant of Easement

TMK 442003051

Teri Ann Murakoshi 1-11-13
Notary Signature Date

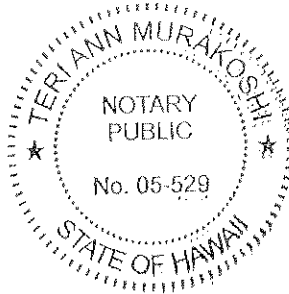


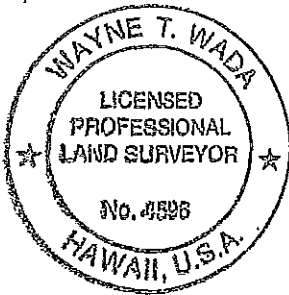
EXHIBIT "A"
EASEMENT W-1
(For Water Meter Purposes)

LAND SITUATED AT WAILUA, KAWAIHAU, KAUAI, HAWAII

Being Portion of Lot 2
Being Also Portion of Grant 862

Beginning at the southwest corner of this parcel of land, on the south side of Kamalu Road, the coordinates of said point of beginning referred to Government Survey Triangulation Station "NONOU" being 539.00 feet South and 3,479.32 feet West, thence running by azimuths measured clockwise from true South:

- | | | | |
|----|--------------|-------|--|
| 1. | 201° 19' | 10.00 | feet along the South side of Kamalu Road; |
| 2. | 291° 19' | 6.00 | feet along the remainder of Lot 2; |
| 3. | 21° 19' | 14.59 | feet along the remainder of Lot 2; |
| 4. | 148° 42' 40" | 7.55 | feet along Lot 3 to the point of beginning and containing an area of 74 square feet. |

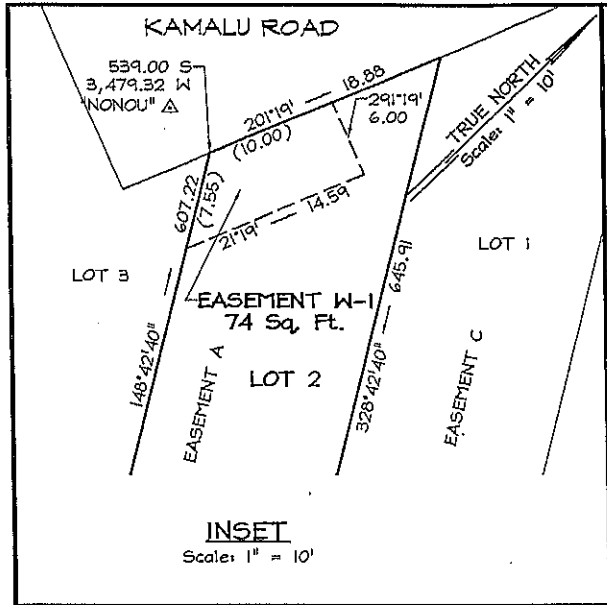


Lihue, Hawaii
November 2012

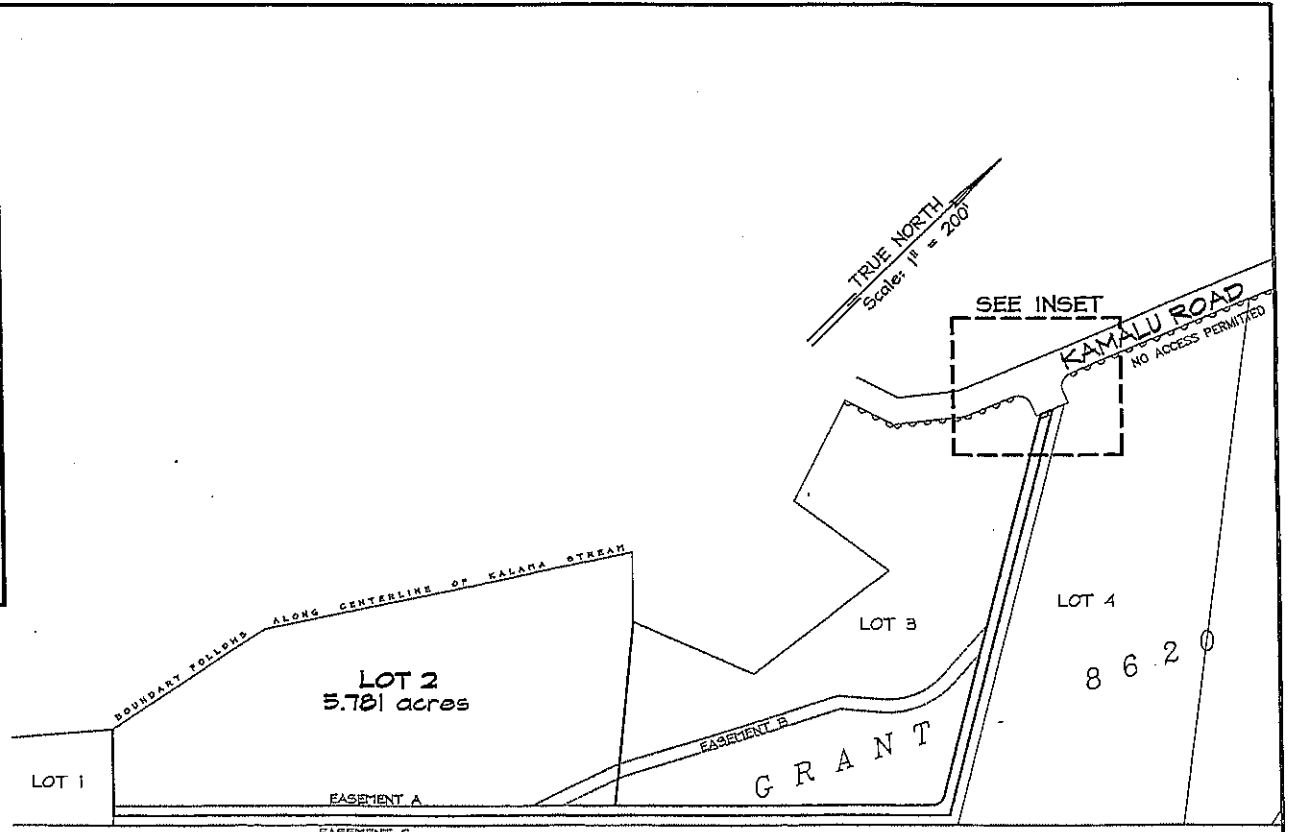
DESCRIPTION PREPARED BY:
ESAKI SURVEYING AND MAPPING, INC.

Wayne T. Wada

Wayne T. Wada
Licensed Professional Land Surveyor
Certificate Number 4596



INSET
 Scale: 1" = 10'



NONOU FOREST RESERVE



THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION

Wayne T. Wada
 Signature

ESAKI SURVEYING & MAPPING, INC.
 EXPIRES: APRIL 30, 2014

EXHIBIT "A"
MAP SHOWING
EASEMENT W-1
BEING PORTION OF LOT 2
BEING ALSO PORTION OF GRANT 8620
 WAILUA, KAWAIHAU, KAUAI, HAWAII
 TMK: (4) 4-2-03:51
 Prepared For: Kamalu KB, LLC
 Date: November 15, 2012

Job Number: 10-137 CH
 Drawing File: 10-137 Ease. W-1.dwg

ESAKI SURVEYING & MAPPING, INC.
 Civil Engineers - Land Surveyors - Planners

1610 Haleukana Street
 Lihue, Kauai, Hawaii 96766

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO. 13-35

March 11, 2013

Re: Grant of Easement W-12 from Kauai Christian Fellowship, a not for profit corporation for the Construction Plans for Domestic Water Meter and 6" RPDA Line for Parcel 21, TMK: (4) 2-8-22:021, Koloa, Kauai, Hawaii

It is recommended that the Board approve the Grant of Easement document whereby, Kauai Christian Fellowship, a not for profit corporation, grant to the Board of Water Supply, County of Kauai, perpetual easement, W-12, on, over and under that certain parcel of land located in TMK: (4) 2-8-22:021, Koloa, Kauai, Hawaii, for the reading of water meters and for the construction, installation, re-installation, maintenance, repair and removal of potable water pipelines and related meters, valves, and other associated waterworks facilities improvements and appurtenances, together with the right of ingress and egress at any time to and from the said easement area with or without vehicles or other equipment as the Department of Water shall deem necessary for the proper operation of its water system for the construction plan for "Construction Plans For Domestic Water Meter and 6" RPDA Line For Parcel 21", TMK: (4) 2-8-22:021, Koloa, Kauai, Hawaii.

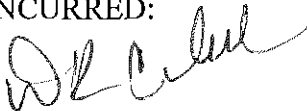
Further, Board approval is specifically requested of the indemnification provision in this agreement, wherein the Board agrees to indemnify and hold harmless the Grantee from property damage and injuries to person (including death), when such damages and injuries are caused by the Department's negligence while using the area.

Respectfully submitted,



Keith Aoki
Civil Engineer V

CONCURRED:



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

KA:ein

Mgrrp/March 2013/13-35 Grant of Easement W-12 from Kauai Christian Fellowship, a not for profit corporation for the Construction Plans for Domestic Water Meter and 6" RPDA Line for Parcel 21, TMK: (4) 2-8-22:021, Koloa, Kauai, Hawai'i(03-21-13):ein

LAND COURT SYSTEM

REGULAR SYSTEM

After Recordation Return By: MAIL [XX] Pickup []
TO:

DEPARTMENT OF WATER
POST OFFICE BOX 1706
LIHUE, KAUAI, HAWAII 96766

CPR-UID #797/T-14632

GRANT OF EASEMENT
for
TMK: (4) 2 - 8 - 0 2 2 : 0 2 1 ;

THIS INDENTURE is made on this 19th day of February, 2013
between KAUAI CHRISTIAN FELLOWSHIP, a not for profit corporation, whose principal
place of business is 2731 Ala Kionoiki Street, Koloa, Kauai, Hawaii 96756, and whose mailing address is
Post Office Box 633, Lawai, Kauai, Hawaii 96765, (hereafter individually or collectively
"GRANTOR") and the **BOARD OF WATER SUPPLY, COUNTY OF KAUAI**, whose mailing address is
Post Office Box 1706, Lihue, Kauai, Hawaii 96766 (hereafter "GRANTEE");

W I T N E S S E I H:

THAT IN CONSIDERATION of the sum of one dollar (\$1.00) paid by the GRANTEE to the GRANTOR, the receipt of which is acknowledged, and the covenants contained in this grant of easement to be performed by the GRANTEE, the GRANTOR does hereby grant, bargain, sell and convey to the GRANTEE an easement in perpetuity on, over, and under that certain parcel of land located generally at Koloa District, Kauai, Hawaii,
Tax Map Key No. (4) 2 - 8 - 0 2 2 : 0 2 1 ;

Project Name: Construction Plans for Domestic Water Meter and 6-Inch RPDA Line for Parcel 21

Subdivision No.: Not Applicable, and more particularly described in Exhibit "A" which are attached and incorporated by reference into this grant of easement (hereafter "easement area").



This easement is granted for the reading of water meters and for the construction, installation, re-installation, maintenance, repair, and removal of potable water pipelines and related meters, valves, and other associated waterworks facility improvements and appurtenances. The GRANTEE is further allowed the right of ingress and egress at any time to, from, and through the easement area, with or without vehicles or equipment, as the GRANTEE deems necessary for the proper operation of its water system.

TO HAVE AND TO HOLD the same unto the GRANTEE forever; provided that should the GRANTEE cease to use the easement area for the purposes described for a continuous period of two (2) calendar years, this easement shall terminate and the interest granted shall immediately and without the GRANTOR's re-entry revert to the GRANTOR. In such an event, this easement shall cease to exist by operation of the GRANTEE's non-use, without any necessary action on the GRANTOR's part.

AND IN FURTHER CONSIDERATION of the rights granted to the GRANTEE the benefits accruing to the GRANTOR under this easement, the GRANTOR and GRANTEE further covenant, agree, and promise as follows:

1. That should the GRANTEE disturb in any way the ground which is the subject of the easement area, the GRANTEE shall at its own expense restore the ground to its original condition to the extent that such restoration is reasonable;
2. That the GRANTEE shall indemnify and save the GRANTOR harmless from and against all damage to the GRANTOR's property and all liability for injury to or the death of persons when such damage, injury, or death is caused by the negligence of the GRANTEE, its officers, agents and employees while using the easement area;
3. That the GRANTEE shall not assign its rights under this easement without the prior written consent of the GRANTOR; provided that the GRANTEE may assign its rights to a successor of the GRANTEE duly created by law;
4. That should the GRANTOR's development plans require that the easement area and/or waterworks facility improvements within, on, or under the easement area be re-located, the GRANTOR will, at the GRANTOR's own expense and pursuant to the GRANTEE's instructions and specifications, re-locate the affected easement area and waterworks facility improvements and appurtenances without interruption of the GRANTEE's services;
5. That the GRANTOR shall at no time erect any building foundation of any kind below the surface of the land which is the subject of the easement area or any building or structure of any kind (other than roads, sidewalks, curbs or similar appurtenances) on the surface of the land which is the subject of the easement area unless the GRANTOR receives the prior written consent of the GRANTEE.

COPY

Only lawn grass shall be planted within three (3) feet of all meter boxes, fire hydrants, and other waterworks facility improvements and appurtenances. No trees with aggressive root systems shall be planted within twenty (20) feet of all meter boxes, fire hydrants, and other waterworks facility improvements and appurtenances.

This Paragraph No. 5, though, shall not prevent the GRANTOR from crossing over, constructing, and maintaining roadways within the easement area or laying, operating, maintaining, repairing, or removing conduits and drains which do not interfere with the exercise of the GRANTEE's rights under this easement; and

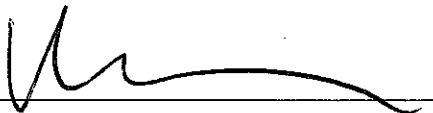
- 6. That the GRANTOR covenants with the GRANTEE that the GRANTOR is the lawful owner of the land which is the subject of this easement area, that the GRANTOR has good right and title to grant this easement, and that the GRANTOR will warrant and defend the same unto the GRANTEE against the claims and demands of all persons.

When used within this document the term "GRANTOR" shall mean the singular and plural, masculine and feminine, and natural persons, trustees, corporations, partnerships, limited partnerships, sole proprietorships and other forms of business entities. The term shall also mean the GRANTOR's or GRANTORS' estates, heirs, personal representatives, successors, successors-in-trust and assigns.

IT IS FURTHER MUTUALLY AGREED that the terms of this easement shall be binding upon and inure to the benefit of all the parties to this document and that all covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed in this document.

OWNER:

*KAUAI CHRISTIAN FELLOWSHIP
a not for profit corporation*



By: Rick Bundschuh

Its: Pastor

(Please type or stamp name above.)

APPROVED:

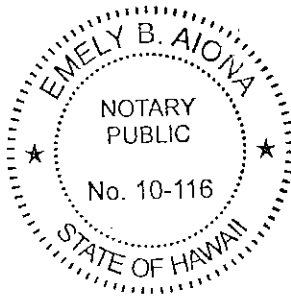


Manager and Chief Engineer
Department of Water, County of Kauai

COPY

STATE OF HAWAII)
)ss:
COUNTY OF KAUAI)

On this 17th day of February, 2013, before me personally appeared
Rick Bundschuh, to me personally known, who, being by me duly sworn, did say that said officer is
the Pastor of Kauai Christian Fellowship, a not for profit corporation
and that the foregoing instrument was signed on behalf of the not for profit corporation, and
said Rick Bundschuh acknowledged said instrument to be the free act and deed of the
not for profit corporation.



[Handwritten Signature]

Notary Public, State of Hawaii

Name of Notary: Emely B Aiona

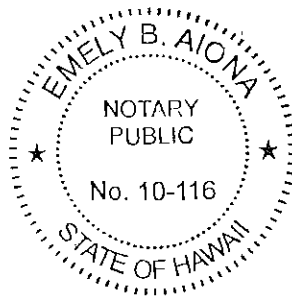
My Commission expires: May 23, 2014

Doc. Date: February 19, 2013 # Pages 7-

Notary Name: Emely B. Aiona Fifth Circuit.

Doc. Description Grant of Easement

[Handwritten Signature] February 19, 2013
Notary Signature Date



COPY

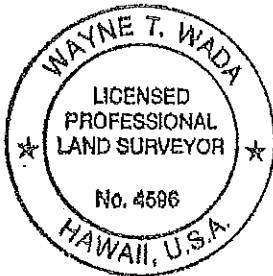
EASEMENT W-12

LAND SITUATED AT WELIWELI, KOLOA, KAUAI, HAWAII

Being Portion of Parcel 21
Being Also Portion of Grant 1409 to Naawa

Beginning at the east corner of this parcel of land, the coordinates of said point of beginning referred to Government Survey Triangulation Station "PAA" (1952) being 1,023.56 feet South and 3,475.90 feet West, thence running by azimuths measured clockwise from true South:

- | | | |
|-------------|-------|---|
| 1. 77° 08' | 15.00 | feet along the remainder of Parcel 21, Grant 1409 to Naawa; |
| 2. 167° 08' | 10.00 | feet along the remainder of Parcel 21, Grant 1409 to Naawa; |
| 3. 257° 08' | 15.00 | feet along the remainder of Parcel 21, Grant 1409 to Naawa; |
| 4. 347° 08' | 10.00 | feet along the south side of Koloa-Poipu Bypass Road to the point of beginning and containing an area of 150 square feet. |



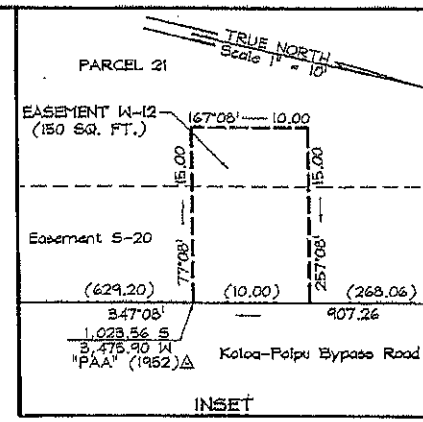
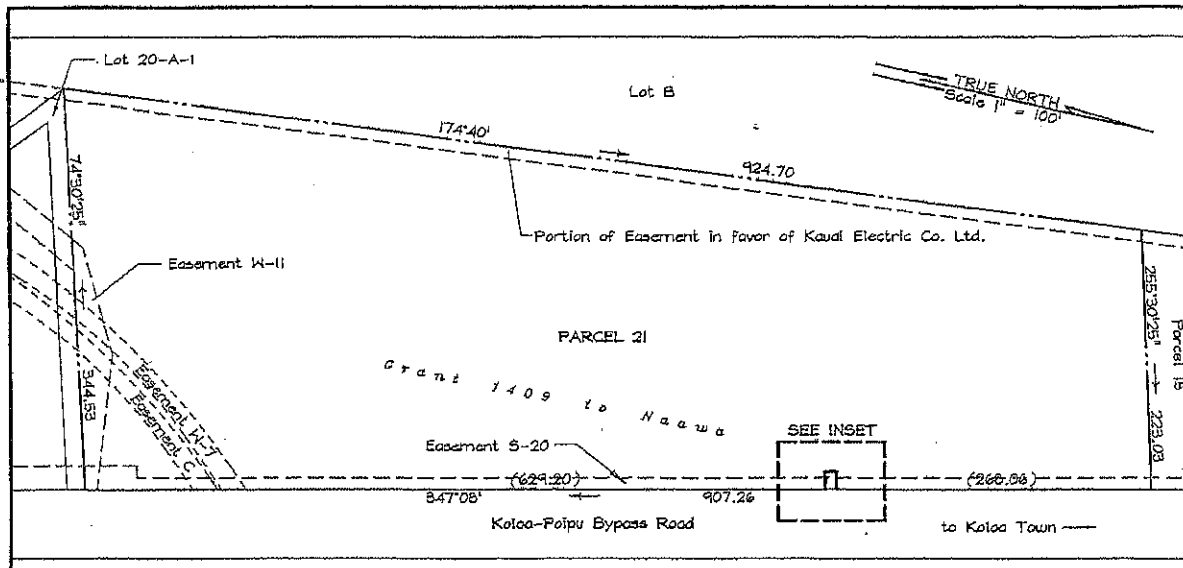
Lihue, Hawaii
January 2013

DESCRIPTION PREPARED BY:
ESAKI SURVEYING & MAPPING, INC.

Wayne T. Wada

Wayne T. Wada
Licensed Professional Land Surveyor
Certificate Number 4596

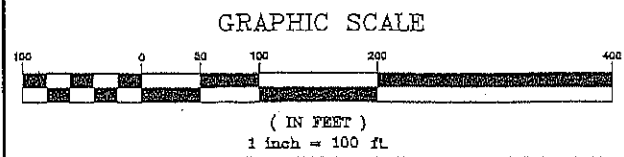
EXHIBIT "A"



DESIGNATION OF EASEMENT W-12
 Being Portion of PARCEL 21
 Being Also Portion of
 Grant 1409 to Naawa
 WELIWELI, KOLOA, KAUAI, HAWAII
 Tax Map Key: (4) 2-8-22: 21
 Prepared For: Kauai Christian Fellowship
 Date: January 30, 2013

THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION

Wayne T. Wada
 Signature
 ESAKI SURVEYING & MAPPING, INC.
 EXPIRES: APRIL 30, 2014



Job Number: 10-119 CH
 Drawing File: 10-119 Water Ease. 12.dwg

ESAKI SURVEYING & MAPPING, INC.
 Civil Engineers - Land Surveyors - Planners

1610 Haleukana Street
 Lihue, Kauai, Hawaii 96766

COPY

EXHIBIT "A"

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO.13-36

March 21, 2013

Re: Request for Board Approval for Water Plan 2020 Project PLH-39, Lihue Base Yard Improvements (Phase I), Lihue Water System, Lihue, Kaua'i, Hawai'i

RECOMMENDATION:

It is recommended that the Manager approve a third contract amendment for contract 512 with Architects Hawaii Limited in the amount of \$7,292.00.

FUNDING:

Job No. PLH-39, Lihue Base Yard Improvements (Phase I)

Original Funds Certified (W/U):		\$279,719.00
Contract No. 529, Architects Hawaii, Inc.	\$279,719.00	
Additional Funds Certified (BAB)		\$628,000.00
Contract Amendment #1 (Design)	\$598,413.00	
Contract Amendment #2 (Zoning/EA)	\$29,325.00	
Proposed Contract Amendment #3 (FM-200)	\$7,292.00	
Total Available Funding		\$907,719.00
Additional Funds Required:		<u>\$ 7,030.00</u>
Total Funding Required:		\$914,749.00
Funds Available from BAB		\$21,213,538.41
Minus Add. Funds for Proposed Amendment #3		\$ 7,030.00
Available Balance: Account # 201-01 BAB Bond		\$21,206,508.41

BACKGROUND:

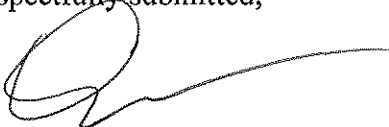
This project is for the design of a new administration building for the Department of Water (DOW). The DOW did not own the adjacent parcel the building is planned for and mechanisms had to be in place to rezone and acquire the parcel prior to construction. Thus, the scope of work involved the planning and permitting required with land acquisition and the design of the building.

A Master Plan and Environmental Assessment was completed with the original scope. After official authorization to act on behalf of the property owner, the County of Kauai, to subdivide the land, we began the next phase which is the design based on the approved master plan as a guide. Contract amendment #1 included this design of the new building as well as a zoning change from Open (O) to Special Treatment-Public (ST-P).

During design review of the fire suppression system, we have determined the new IT server room should have a special fire suppression system. This special system was not anticipated in the original design. It is a FM-200 waterless fire suppression system. The system stops fires faster than conventional methods and does not leave behind residue, particulate matter or water all of which could cause damage to assets that the fire protection system is meant to protect.

The consultant, Architects Hawaii Limited is requesting \$7,292.00 for the new scope of work in contract amendment 3. The project manager reviewed the request and finds it reasonable.

Respectfully submitted,



Dustin Moises, P.E.
Construction Management Project Officer

Concurred:



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

Attachment: Scope of Work

DM:ein

ATTACHMENT "A"

The Scope of Work was as follows:

1. This design includes the new DOW Administration Building including Architecture, Engineering and Interior;
2. Design infrastructure for IT in the new administration building;
3. Design infrastructure for IP Phone and IVR Systems for new and existing facilities;
4. Integrate high-efficient Energy Systems into building design where applicable such as Solar Hot Water and PV Panels, Light Occupancy Sensor and etc.;
5. Facilitate and coordinate Furniture Fixtures and Equipment (FF&E) and signage design packages with Owner approved vendors;
6. The contractor shall also design a new at-grade Parking facility for the future staff projections with required access roadways, provide walkways to connect the new building and parking to the existing baseyard;
7. Design an underground Storm Water Retention System to collect additional surface run off created by the project, provide low maintenance landscape and irrigation system;
8. Design an off-site sewer connection to the Grove Farm Sewage System for the new building, all existing buildings and future Public Works Storage building, including working with Grove Farm to process required applications for the DOW sewer connection;
9. Design water and electrical connection for new building and future Public Works Storage building, and provide charging stations for electric vehicles within new DOW;
10. Included in this contract is the preparation of Survey and Mapping for Subdivision of Lot N-1, off-site Water and Sewer connections, and Roadway and Utility Easements;
11. The contractor must also conduct Soils Investigations and Percolation Tests;
12. Provide Schematic Design and Design Development sketches; Construction Design Drawings; Project Manual;
13. Engineering Calculations;
14. Cost Estimates;
15. Soils and Percolation Test Reports;
16. Sub-division map, survey and easements; and Construction Design Drawings and Project manual CCR;
17. This contract includes a total of nine (9) trips which are transferrable throughout the project duration: Schematic Design (2), Design Development (2), Permitting (1), and Construction Admin (4);
18. The Contractor shall review shop drawings and submittals and shall provide consultation and advice during the permit application and construction stages, on an as-needed basis;
19. These services shall remain available until three (3) years after design documents are completed.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO. 13-37

March 21, 2013

Re: Request for Board Approval for Job No. 12-04, WP2020 Project No. HE-14, Hanapepe-Eleele Booster Pump Replacement, Kauai, Hawai'i

RECOMMENDATION:

It is recommended that the Board award a contract to Okahara and Associates, Inc. for Job No. 12-04, Project No. HE-14, Hanapepe-Eleele Booster Pump Replacement, Kauai, Hawaoo, in the amount of \$91,546.00.

FUNDING:

Water Plan 2020 Project No. HE-14, Job No. 12-04, Hanapepe-Eleele Booster Pump Replacement Proposal	\$ 91,546.00
Contingency (~5%).....	\$ 4,577.00
Water Plan 2020 Project No. HE-14, Job No. 12-04, Hanapepe-Eleele Booster Pump Replacement Budgeted.....	<\$ 1.00 >
Total Requested from Account 106b CIP Reserve	\$ 96,122.00

BALANCE REMAINING (prior to subject fund request)

Account 106b CIP Reserve	\$3,127,195.03
Total Requested from Account Fund Balance	<\$96,122.00>
New Account Fund Balance	\$3,031,073.00

BACKGROUND:

This project was dollar funded in the Fiscal Year 2012-2013 CRPL Projects. The Department of Water (DOW) Operations is currently experiencing maintenance problems with outdated pumps and equipment at the project site. DOW Operations has requested that this project be performed as soon as possible in order to reduce maintenance hours and the chances of irreparable pump failure. Due to their age and configuration, the current booster pumps are able to be limitedly maintained. This project serves to alleviate those issues.

The scope of work includes providing plans, specifications, and design for booster pumps and MCC as follows:

1. Replace two existing split case booster pumps with vertical centrifugal pumps. (One pump shall be in operation at all times).
2. Replace individual booster pump piping from existing suction gate valve to existing discharge gate valve.
3. Replace existing 12" gate valve on combined pump discharge piping at control building wall.
4. Remove existing MCC and provide new MCC.
5. Provide wall louvers with insect screen for ventilation.
6. Provide reduced voltage solid-state soft starters in new MCC.
7. Provide temporary electrical service equipment.

---4398 Pua Loke Street, Lihu'e, Kaua'i, Hawai'i or P. O. Box 1706, Lihu'e, HI 96766-5706---

Phone No. (808) 245-5400 – Administration FAX No. (808) 246-8628 -- Engineering/Fiscal/Shop FAX No. (808) 245-5813

8. Provide temporary power and control equipment to keep one booster pump in operation at all times.
9. Replace control connections at each booster pump.
10. Replace two safety disconnect switches.
11. Provide wall mounted security lighting fixtures
12. No modifications to SCADA equipment.

A consultant is required to perform the aforementioned work. A review committee was formed and Okahara and Associates, Inc. was selected by the manager based on the review committee's recommendation. We contacted the consultant and the attached scope of work and proposal was negotiated.

We reviewed Okahara and Associates, Inc. proposal of \$91,546.00 for the work and find it acceptable.

Respectfully submitted,



Aaron Zambo, P.E.

Project Manager

Concurred:



David R. Craddick, P.E., C.E.M.

Manager and Chief Engineer

AZ:ein

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute -- Conserve It!"

MANAGER'S REPORT No. 13-38

March 21, 2013

Re: Table of Organization Changes in Administration

RECOMMENDATION:

Request Board approval for proposed organizational changes to the Administration Division

BACKGROUND:

In May of 2012, the board has asked to have a presentation on the new organization of the Human Resources Division under the Mayor which was presented by Mark Guyot in April 2012's board meeting. The movement of position numbers stems from the HR Transition made by the County of Kauai in 2012 when our HR Coordinator's original position number #2465 has been taken away from the DOW and so we budgeted our HR Coordinator with the existing Position number #2489 from our vacant Computer Systems Technician I since budget FY 2013. Doing so left the Computer Systems Support Technician I without a position number. Now that the Department is proceeding with filling that vacancy, a position number needs to be assigned to that position.

In February of 2013, we have filled our Public Relations Specialist position which has been vacant for about a year leaving our Clerical Assistant Position vacant. Working on our draft FY 2014 budget, we are recommending keeping the clerical assistant position (dollar) \$1 funded and transferring its position number #2492 to the Computer System's Support Technician I that stands currently without a position number in the anticipation that it will be filled this upcoming fiscal year.

In addition to these organizational changes, we are proposing the following:

Departmental HR Officer

The Department of Water employs the Departmental Human Resources Coordinator at an entry level SR-18. In this capacity the position provides HR and safety management and guidance to managerial personnel and staff. The current position does more than perform as an entry level professional. Given the duties, responsibilities, and workload of the current position, it is justifiably being increased to an SR-20 effective immediately. This recommendation is shown in the proposed FY 2014 budget.

Computer System Support Technician I

If approved, the Computer System Support Technician I will be assigned to position number #2492 in the anticipation it will be filled this upcoming fiscal year.

Deputy County Attorney

The Deputy County Attorney position has been included in the Administration Table of Organization Chart. This position is officially under the County Attorney's Office. Since

the Department of Water is funding this position; it should be included in our Administration Organizational Chart.

Three letters are attached regarding the HR position

FUNDING:

The funding for each position is included in the FY 2014 budget.

Respectfully Submitted,



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

Attached: Position Description for Position No. 2492
 Record of Classification Request and Action – Computer System Support Technician I
 Position Description for Position No. 2489
 Record of Classification Request and Action - HR Coordinator
 Current Administration Table of Organization signed October 3, 2012
 Proposed Administration Table of Organization
 3 Letters regarding the HR position

DC:mjg

COUNTY OF KAUAI
DEPARTMENT OF PERSONNEL SERVICES
LĪHU'E, KAUAI, HAWAII 96766

March 7, 2013
(Date)

To: Director of Personnel Services, County of Kaua'i
From: David R. Craddick, Manager and Chief Engineer
Subject: Record of Classification Request and Action

DEPARTMENT/AGENCY REQUEST

Department/Division: Water / Administration

Position Number: 2489

Present Class

Title, BU, SR/BC: Human Resources Coordinator, BU-13, SR-18

Requested Class

Title, BU, SR/BC: Departmental Human Resources Officer, BU-13, SR-20

The Department of Water employs the Departmental Human Resources Coordinator at an entry level SR-18. In this capacity the position provides HR and safety management and guidance to managerial personnel and staff. The current position does more than perform as an entry level professional. Given the duties, responsibilities, and workload of the current position, it is justifiably being increased to an SR-20 effective immediately. The additional budget will reflect an increase of \$4,020 to the annual salary (from \$49,322 to \$53,352).

Reason For Request:

How services were formerly provided:

Position number(s): _____

Position title(s): _____

Incumbent(s): _____

Appointing authority: _____

Department Head or Designee

County of Kaua'i Position Description

- For specific information on preparing position descriptions, please review the Department of Personnel Services (DPS) Personnel Procedures, Chapter A4.401, Preparation of Position Descriptions.
- This form is a basic Word Table. To navigate around the form, use the TAB key to move forward, and SHIFT-TAB to move backward, or use your mouse to move to a specific field.
- Complete every item; if not applicable, so indicate. Press F1 for Help with each item.
- Be accurate. This is an official document upon which classification determinations will be based. In addition, it may be utilized for other personnel related processes, including performance evaluations.
- When saving the document, the file name should include the position number followed by date (m-d-yy) in parentheses, e.g. 001 (10-10-10).
- To complete processing, submit the completed position description through appropriate channels. Incomplete forms may be returned for completion.
- By submitting this position description, the Appointing Authority certifies that the information provided herein is accurately described and the duties and responsibilities are consistent with the approved organization chart.
- This position description is not considered official until action is taken by the Director of Personnel Services.***

Department of Personnel Services Use Only	Allocation:
	Class Code:
	Pay Range:
	Effective:
	BU:
	Supervisory:
	Act 64:
	Other:
	PPD:
	Reference:
Appointing Authority:	
Classification Approved:	
Date:	

Present Class	Human Resources Coordinator	Department	Water
Present Pay Range	SR-18	Division	Administration
Present Class Code		FLSA	Not-covered
Position Status	Permanent	Other	
	F/T <input checked="" type="checkbox"/> P/T <input type="checkbox"/> # Hrs	Work Location	Lihue
Immediate Supervisor	Position No.	Class Title and Pay Range	
		Manager and Chief Engineer, Appointed	
Subordinates	Position No.	Class Title and Pay Range	
Licenses or Certificates required to perform the essential functions of this position			
Equipment or tools regularly operated or used. (For trucks, provide GVW, TARE weight & license number.)	Computer, copy machine, fax machine, micro-film and other standard office machines.		
Special Work Requirements			

DESCRIPTION OF THE MAJOR DUTIES AND RESPONSIBILTIES ASSIGNED OR DELEGATED TO THIS POSITION.
List only those duties that are part of the regular work of this position throughout the year. List the duties in order of importance or

frequency and combine related details. Environmental and physical demands, hazards, and/or unusual isolation involved in the performance of the work must be identified for each duty or group of duties. Opposite each description of a duty or group of duties, enter the approximate percentage of time devoted to that work. Percentages of time for all duties and responsibilities must total 100%. Enter in the last column, the appropriate ADA indicator(s) as shown below:

- (1) The performance of this function is the reason that the job exists.
- (2) The number of other employees available to perform this function is limited.
- (3) This function is highly specialized, and employee is hired for special expertise or ability to perform this function.

#	Description of Duties and Responsibilities	% of Time	ADA Indicator (s)
General Summary: (Describe the overall purpose and objective of this position)			
Manages, oversees, monitors and provides advice in the areas of HR and Safety to managerial personnel and staff as the Departmental Human Resources Officer for the Department of Water.			
1	Manages, oversees and monitors departmental human resources activities in areas such as job analysis, classification & pay. Provides guidance, reviews and comments on position actions, including the creation of new positions, reallocations, promotions and other position movements. Provides guidance and insight on human resources issues that include workplace violence and harassment. Assigns & reviews the work of others in support of the comprehensive departmental personnel program.	20%	1, 2
2	Manages, oversees, monitors and participates in the departmental recruitment & selection process that includes interviews and background checks in coordination with the central personnel department. Provides guidance & directs management & staff throughout the hiring process.	15%	1, 2
3	Manages, coordinates and schedules departmental training activities. Is directly involved with analyzing and budgeting the departmental training program. Works with supervisors and trainers. Maintains the department's training files.	10%	1, 2
4	Coordinates and oversees the performance review program, corrective action, discipline and employee development activities.	10%	1, 2
5	Initiates and reviews correspondences, reports, manuals and other documents in support of the departmental personnel and safety programs. Reviews & recommends plans, policies, procedures & guidelines affecting the department. Coordinates the collection of information & analyzes data relating to personnel matters. Researches practices among jurisdictions on personnel matters. Manages & maintains department copies of personnel records.	10%	1, 2
6	Participates in employee-management meetings. Provides & promotes effective interchange of information. Performs as departmental liaison with outside agencies including Dept of Personnel, County Attorney's, OSHA/HIOSH, ADA Office, Risk Management & COK Claims Adjusters. Represents department when attending meetings with other agencies, such as the DPS and quasi-judicial boards.	10%	1, 2
7	Studies, interprets, and provides advice on personnel laws, rules & regulations, policies and procedures. Formulates, recommends and explains practices, policies, procedures and guidelines.	5%	1, 2
8	Involved with and oversees union requests and grievances, and departmental inquiries on contract interpretation. Evaluates the impact on the department and recommends necessary action. Participates and coordinates management-union discussions. Communicates with union representatives. Researches and prepares responses to union issues.	10%	1, 2

9	Oversees, makes recommendations and provides assistance to management and staff in the implementation of the departmental safety program.	5%	1, 2
10	Performs other related duties.	5%	

**COUNTY OF KAUAI
DEPARTMENT OF PERSONNEL SERVICES
LĪHU'E, KAUAI, HAWAII 96766**

March 15, 2013
(Date)

To: Director of Personnel Services, County of Kaua'i
From: David R. Craddick, Manager and Chief Engineer
Subject: Record of Classification Request and Action

DEPARTMENT/AGENCY REQUEST

Department/Division: Water / Administration

Position Number: 2492

Present Class

Title, BU, SR/BC: Computer Systems Support Technician I, BU-3, SR-13

Requested Class

Title, BU, SR/BC: Same as above.

Reason For Request: The Computer System Support Technician I will be assigned to position #2492. This number was assigned to the Clerical Assistant (Community Relations) position that will be dollar funded. There is no change in duties.

How services were formerly provided:

Position number(s): _____

Position title(s): _____

Incumbent(s): _____

Appointing authority: _____

Department Head or Designee

Attachments: - Position Description
- Table of Organization (current or applicable organizational unit)

County of Kaua'i Position Description

1. For specific information on preparing position descriptions, please review the Department of Personnel Services (DPS) Personnel Procedures, Chapter A4.401, Preparation of Position Descriptions.
2. This form is a basic Word Table. To navigate around the form, use the TAB key to move forward, and SHIFT-TAB to move backward, or use your mouse to move to a specific field.
3. Complete every item; if not applicable, so indicate. Press F1 for Help with each item.
4. Be accurate. This is an official document upon which classification determinations will be based. In addition, it may be utilized for other personnel related processes, including performance evaluations.
5. When saving the document, the file name should include the position number followed by date (m-d-yy) in parentheses, e.g. 001 (10-10-10).
6. To complete processing, submit the completed position description through appropriate channels. Incomplete forms may be returned for completion.
7. By submitting this position description, the Appointing Authority certifies that the information provided herein is accurately described and the duties and responsibilities are consistent with the approved organization chart.
8. ***This position description is not considered official until action is taken by the Director of Personnel Services.***

Department of Personnel Services Use Only	Allocation:
	Class Code:
	Pay Range:
	Effective:
	BU:
	Supervisory:
	Act 64:
	Other:
	PPD:
	Reference:
Appointing Authority:	
Classification Approved:	
Date:	

Present Class	Computer System Support Technician I	Department	Water
Present Pay Range	SR-13	Division	Administration
Present Class Code	1454	FLSA	
Position Status	Permanent F/T <input checked="" type="checkbox"/> P/T <input type="checkbox"/> # Hrs	Other	
		Work Location	
Immediate Supervisor	Position No. 2485	Class Title and Pay Range Waterworks Information Technology Officer, SR-28	
Subordinates	Position No.	Class Title and Pay Range	
Licenses or Certificates required to perform the essential functions of this position			
Equipment or tools regularly operated or used. (For trucks, provide GVW, TARE weight & license number.)	Personal computer, telephone, copy machine, fax machine.		
Special Work Requirements			

DESCRIPTION OF THE MAJOR DUTIES AND RESPONSIBILTIES ASSIGNED OR DELEGATED TO THIS POSITION.
List only those duties that are part of the regular work of this position throughout the year. List the duties in order of importance or
PD Form 400 (Rev 10-10)

frequency and combine related details. Environmental and physical demands, hazards, and/or unusual isolation involved in the performance of the work must be identified for each duty or group of duties. Opposite each description of a duty or group of duties, enter the approximate percentage of time devoted to that work. Percentages of time for all duties and responsibilities must total 100%. Enter in the last column, the appropriate ADA indicator(s) as shown below:

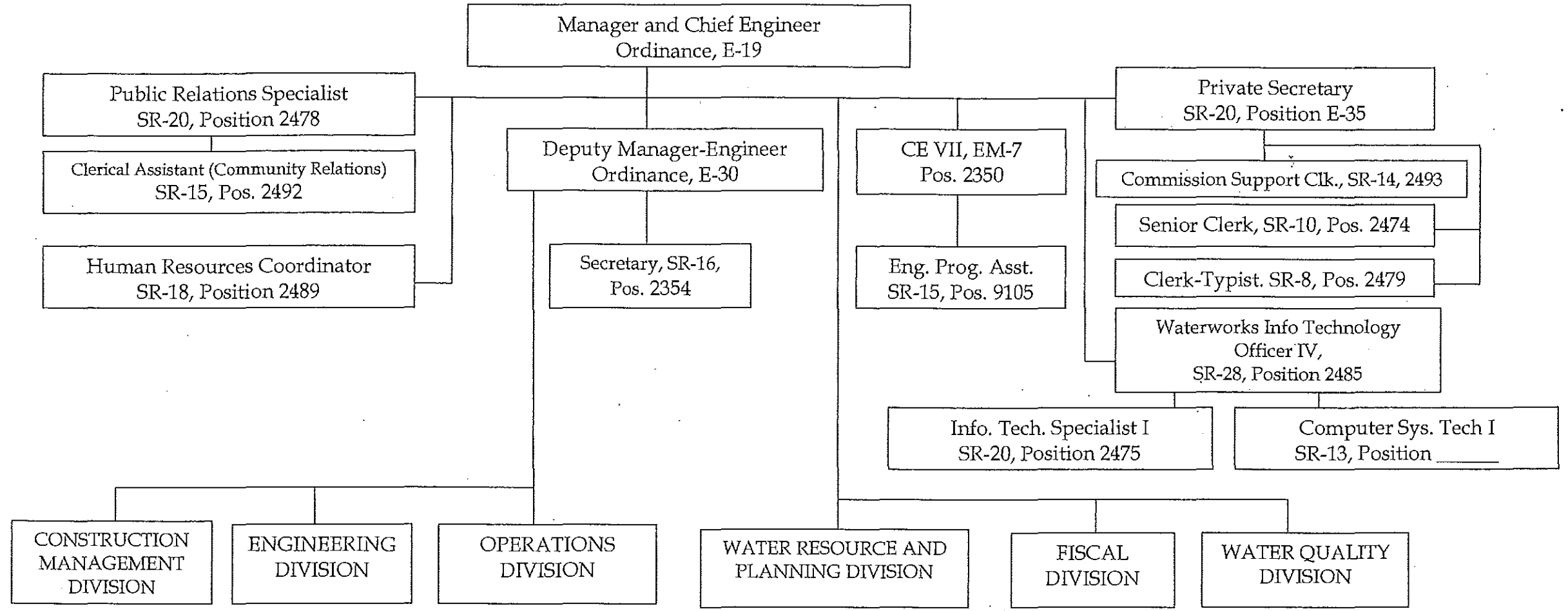
- (1) The performance of this function is the reason that the job exists.
- (2) The number of other employees available to perform this function is limited.
- (3) This function is highly specialized, and employee is hired for special expertise or ability to perform this function.

#	Description of Duties and Responsibilities	% of Time	ADA Indicator (s)
General Summary: (Describe the overall purpose and objective of this position)			
Under the direct supervision of the Waterworks Information Technology Officer. Assists with the setting up, operating, monitoring, and controlling of computers and peripheral equipment.			
1	Provides user support assistance to all users on software applications, including but not limited to, Microsoft Office Suite (Word, Excel, Outlook, and PowerPoint).	30%	2
2	Provides user support assistance to all users on hardware and/or software issues (troubleshooting).	20%	1
3	Provides clerical support to the Information Technology team.	6%	1
4	Prepares user guide documentation and information documentation on computer equipment and/or software usage that will include detailed steps on proper usage of hardware and/or software.	2%	2
5	Provides training or assists in the training of users on proper usage of hardware and/or software.	2%	2
6	Maintains an inventory of purchases for computer hardware and software. Inventory will include the documentation on assignment of computer resources, and what is installed on each computer.	2%	2
7	Maintains an inventory of maintenance agreements to assist in renewal of these agreements which will also include researching and working with vendors to renew these agreements.	2%	2
8	Maintains an inventory of lease information for equipment that is leased which will provide the necessary actions to return leased equipment upon completion of lease term(s).	2%	2
9	Maintains inventory of printer ink, toners, and diskettes.	2%	2
10	Maintains a database of computer problems and/or software application problems and resolution thereof.	5%	2
11	Supports the Document Imaging System by scanning, indexing and releasing the documents into the system; Maintains database tables associated with Document Imaging System.	15%	1
12	Performs simple programming tasks, such as generate ad-hoc reports and/or develop minor database applications.	2%	2
13	Installs software applications, where necessary, onto user workstations to meet the needs of the users.	2%	2
14	Involved in conducting back-ups of the network servers.	1%	2
15	Involved in performing minor networking in setting up printers for users, assisting with password problems, and downloading anti-virus updates.	2%	2
16	Performs other related duties as required.	5%	

PREPARED BY: W. Kelly 10/3/12
 DEPARTMENT HEAD DATE

APPROVED BY: [Signature]
 BOARD CHAIRPERSON DATE

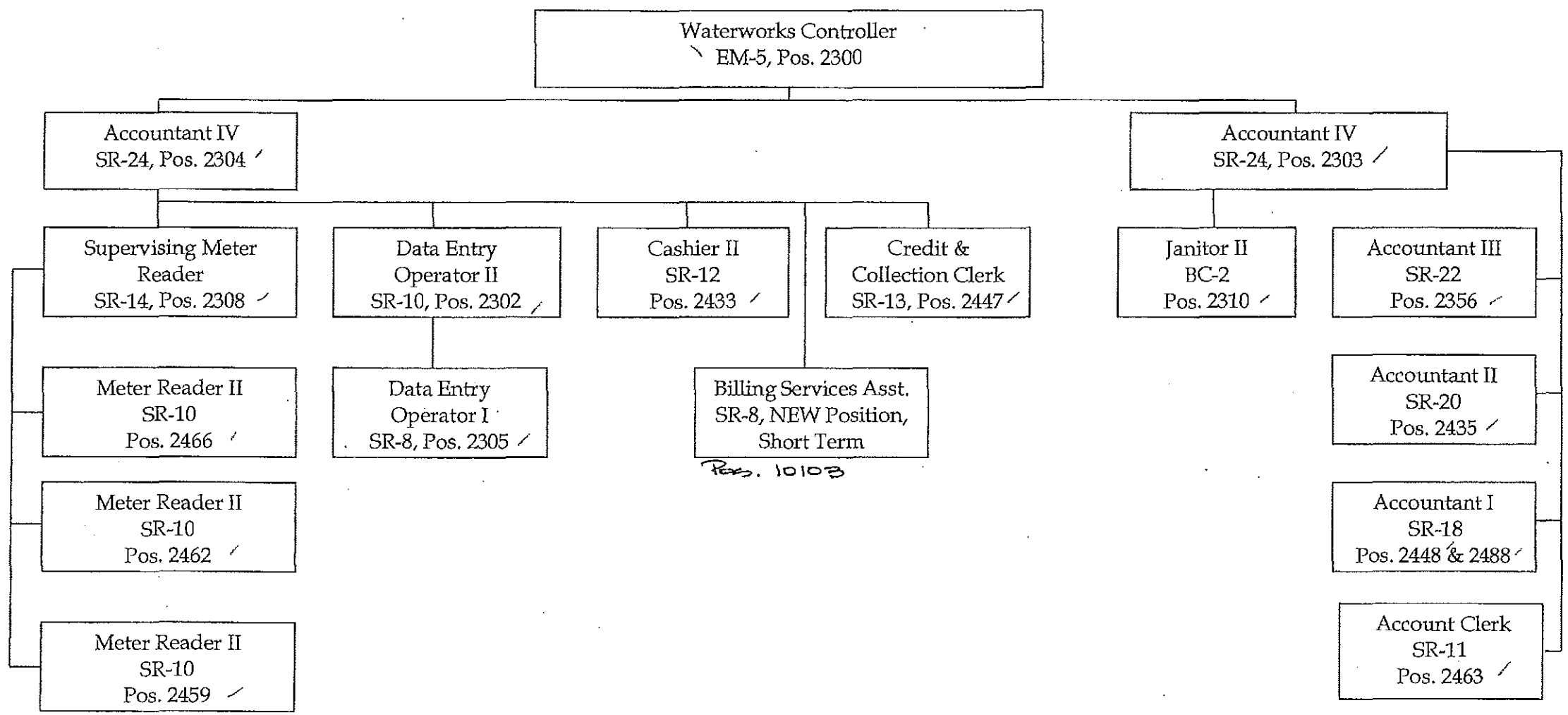
COUNTY OF KAUAI
 KAUAI DEPARTMENT OF WATER
 ORGANIZATION CHART
 ADMINISTRATION



PREPARED BY: DR [Signature] 1/24/2013
DEPARTMENT HEAD DATE

APPROVED BY: [Signature]
BOARD CHAIRPERSON DATE

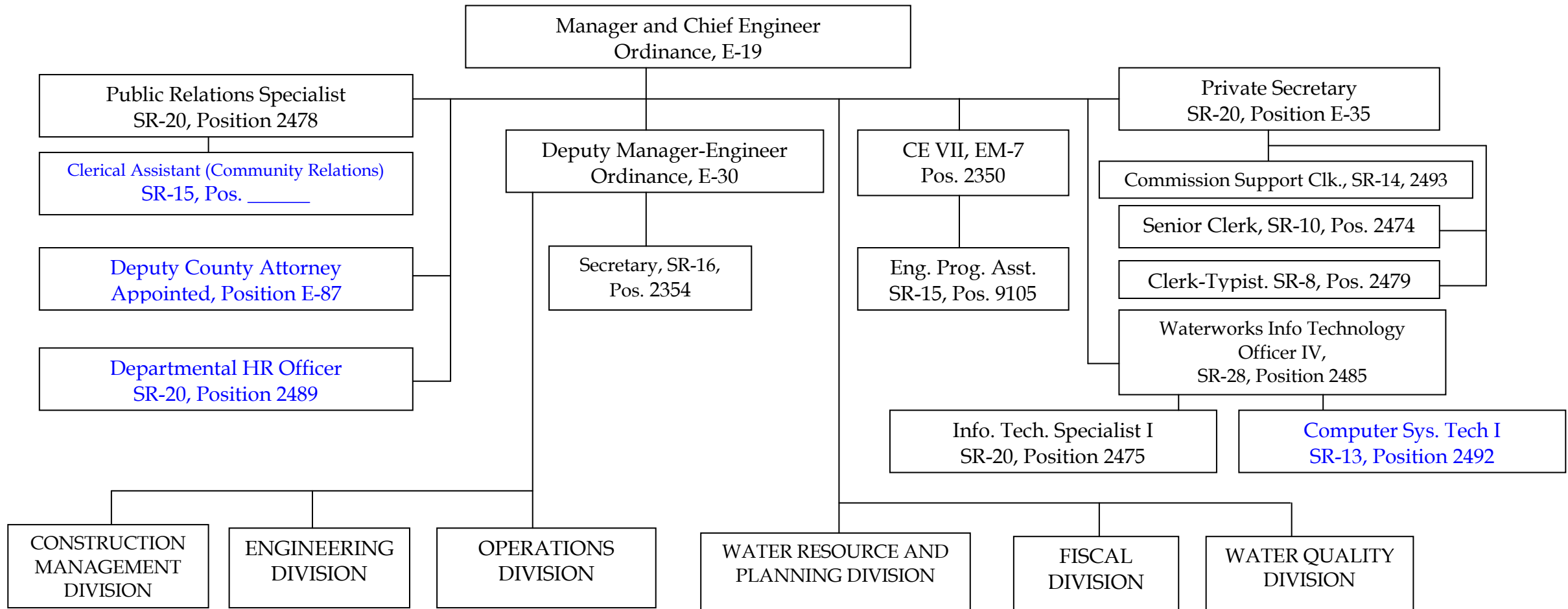
COUNTY OF KAUAI
KAUAI DEPARTMENT OF WATER
ORGANIZATION CHART
FISCAL DIVISION



PREPARED BY: _____
DEPARTMENT HEAD DATE

APPROVED BY: _____
BOARD CHAIRPERSON DATE

COUNTY OF KAUAI
KAUAI DEPARTMENT OF WATER
ORGANIZATION CHART
ADMINISTRATION



Gilbert Maerina
Chair

12 JUL 24 P4:04



Cathy Adams
Vice-Chair

DEPT. OF WATER
COUNTY OF KAUAI

Members:
Lani Aranio
Ryan de la Pena
John Low
Roy Morita

COUNTY OF KAUAI CIVIL SERVICE COMMISSION

C/o Office of Boards and Commissions
4444 Rice Street, Suite 150, Līhu'e, HI 96766

MEMORANDUM

To: Ted Daligdig, Civil Defense; Al Castillo, County Attorney; Robert Westerman, Fire Department; Eric Honma, Liquor Control; Wally Rezendes, Jr., Finance; Kealoha Takahashi, Agency on Elderly Affairs; Kamuela Cobb-Adams, Housing Agency; Celia Mahikoa, Transportation Agency; George Costa, Office of Economic Development; Michael Dahilig, Planning Department; Darryl Perry, Police Department; Lenny Rapozo, Parks & Recreation; Larry Dill, Public Works; Shaylene Iseri-Carvalho, Prosecuting Attorney; David Craddick, Water Department

From: Gilbert Maerina, Chair and members of the Civil Service Commission

Via: Paula M. Morikami, Administrator, Office of Boards and Commissions

Cc: Gary Heu, Managing Director
Malcolm Fernandez, Director of Personnel Services

Date: July 24, 2012

Subject: Transition and expansion from Department of Personnel Services to Department of Personnel Services/Human Resources

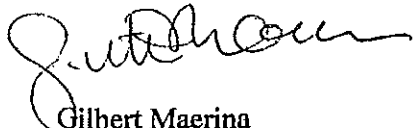
The Civil Service Commission has oversight of the transition from the current Department of Personnel Services to the new Department of Personnel Services (DPS/HR) which has a more prominent human resources component. The target date for the completion of this transition is October 1, 2012.

With this in mind, the Commission is asking the County agencies and departments how we can assist not only DPS/HR but also your department in making this a smooth transition. We

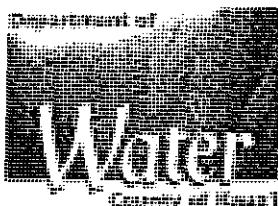
An Equal Opportunity Employer

value you input, ideas, and concerns in this matter. Since time is short, we would appreciate receiving your comments or questions by August 13, 2012 sent to us in c/o the Office of Boards and Commissions.

Thank you for assisting the Commission on this matter. If you have any questions, I can be reached through Teresa Tamura at ext. 4918.

A handwritten signature in cursive script, appearing to read "Gilbert Maerina".

Gilbert Maerina
Chair, Civil Service Commission



4398 PUA LOKE STREET, PO BOX 1706
LIHU'E, KAUA'I, HAWAII 96766
PHONE: 808-245-5400 FAX: 808-245-5813

Water has no substitute.....Conserve it!

MEMORANDUM

MAILED
Aug. 13, 2012

*cc - DPS Akka
- 1 hour delivered*

DATE: August 10, 2012
TO: Malcolm Fernandez, Department of Personnel Director
FROM: David R. Craddick, Manager and Chief Engineer
SUBJECT: Department of Personnel / Human Resources Department Transition

The Civil Service Commission is asking the County departments on how they may assist DPS / HR in this transition.

In our recent meeting, I brought to your attention a number of items relating to the HR Transition and the Department of Water concerns.

In lieu of conveying these concerns to the Civil Service Commission, we would suggest the following action be taken and signed by you and the Civil Service Commission Chairperson, so that together we can proceed with the smooth transition to the DPS/HR Department.

The Department of Water agrees to release position #2465 to the Department of Personnel Services with the stipulation of the following:

1. The Department of Water will replace position #2465 with position number #2489. Position #2489 was assigned to the Computer Systems Technician I.
2. The Department of Personnel Services agrees to assign the Department of Water's Human Resources Coordinator position to position #2489 with no change in title, salary and duties.
3. Upon the vacancy of a position within the Department of Water in the Fall of this year, the Department of Personnel Services agrees to re-assign that vacant position number to the Computer Systems Technician I. The "vacant position number" will be identified to DPS at that time.

Please sign below to confirm your acceptance of this agreement. Request also for the Civil Service Commission Chair acknowledgement of this agreement.

Return the original document to the Department of Water by September 7, 2012. Thank you.

Director of Personnel Services

Department of Water Manager & Chief Engineer

Civil Service Commission Chairperson

Not File - Duplicate

Bernard P. Carvalho, Jr.
Mayor



Malcolm C. Fernandez
Director of Personnel Services

Gary K. Heu
Managing Director

COPIES

DEPARTMENT OF PERSONNEL SERVICES
County of Kauai, State of Hawaii
4444 Rice Street, Suite 140, Lihue, Hawaii 96766
TEL (808) 241-4956 FAX (808) 241-6593

October 1, 2012

TO: All Department/Agencies, County of Kauai
FROM: Malcolm C. Fernandez, Director of Personnel Services
SUBJECT: Transition to Human Resources (HR)

As you are aware, it was recommended and approved that the Department of Personnel Services be restructured and transitioned to Human Resources with a target date of October 1, 2012. The proposed structure includes the establishment of four (4) distinct sections responsible for the following:

- **Administrative Services and Benefits** to oversee all employee services programs and benefits; manage and update employee records; coordinate the development of personnel rules; and provide clerical support to the other divisions;
- **Recruitment and Examination** to assist with the recruitment and selection of qualified candidates for employment;
- **Classification & Pay and Labor Relations** to administer the classification and pay plans for County positions; conduct classification reviews; prepare and revise class specifications and position descriptions and recommend compensation levels; and to be responsible for labor relations by participating in collective bargaining contract negotiations, conducting grievance hearing and assisting with arbitration cases and assisting departments in coordinating and resolving employee-management related issues.
- **Employee Development and Health Services** to include countywide training including health, safety awareness, injury prevention, employee development, management of Workers' Compensation claims.

AN EQUAL OPPORTUNITY EMPLOYER

Department/Agency Heads

Page 2

October 1, 2012

The restructuring includes the addition of positions being transferred from various departments purportedly performing similar personnel related duties to the Department of Personnel Services (DPS). This resulted in the acquisition of eight (8) additional positions from various departments.

- Department of Public Works
 - Departmental Personnel Officer to Human Resource Manager II
 - Equipment Operator Trainer to Equipment Operator Trainer
- Finance
 - Human Resources Specialist I to Human Resources Assistant
 - Risk Management Administrator to Human Resources Manager II
- Fire
 - Senior Clerk to Human Resources Clerk.
- Parks and Recreation
 - Human Resources Specialist I to Human Resources Specialist I
- Water
 - Human Resources Coordinator to Human Resources Specialist II
- Police
 - Personnel Clerk II to Human Resources Clerk

The department was tasked with recruiting and filling two (2) positions left vacant by incumbents of the Department of Personnel Services prior to the restructuring; one (1) position left vacant as a result of a resignation after the restructuring, as well five (5) positions transferred to the department without incumbents. Recruitment has been completed for the various classes resulting in two (2) positions being filled in July, three (3) positions being filled in October (October 1, 2012, October 16, 2012, October 23, 2012.), one (1) pending results of pre-employment physical and one (1) remaining position to be filled as soon thereafter as possible.

With the addition of more positions, the department was also tasked with physical accommodations. Working with the Administration and the Department of Public Works, a short-term solution is in progress to house our staff in a more efficient manner than being dispersed throughout the County. The Employee Development and Health Services Section will be located in Suite 150, on the first floor of the Moikeha Building with the Mayor's Boards and Commissions effective October 1, 2012. All other sections will be housed in the current offices. We will be encountering some renovations of the existing office to accommodate our new employees. Plans and specifications are in the process of being completed.

Our recruitment efforts, even after several attempts, did not produce sufficient candidates to fill the classes as recommended by the Human Resources Task Force. Therefore, after re-evaluation of our needs, lower level classes are being filled resulting in additional training needs. Training has been completed in some areas, while other training is in the process of being coordinated and scheduled.

Department/Agency Heads
Page 3
October 1, 2012

With restructuring to HR, it is also our goal to update and create a Human Resources Information System (HRIS) with software requirements. Meetings have been held and will be ongoing. We are first addressing our immediate needs to assist in current reporting needs. However, we will be coordinating a team to develop and define the new HR function.


We would like to thank those departments who responded to the Civil Service Commission's request on how the Civil Service Commission can assist in making this transition a smooth one. Your suggestions and concerns have been received and reviewed. As the majority of the suggestions and concerns were similar and affects all departments/agencies of the County, it is our intent to address these with everyone at one time. Notification will be sent out as to the date, time and place.

We are in the process of reviewing those responsibilities being relinquished from the departments to HR. On initial review, it has been determined policies and procedures need to be updated, as well as new ones established. At this time, we ask that departments continue to perform their personnel tasks until we address everyone's suggestions and concerns, and we are in the position to transfer these tasks.

Please be advised that the file cabinets for the personnel files have arrived and are being readied for receipt of your files. Please deliver your files to HR no later than October 31, 2012. As soon as we receive your files, we will be able to take on the responsibility of responding to employment and salary inquiries.

Attached for your information is a copy of our most current table of organization as it relates to our restructuring. Thank you for your patience and understanding in this transitioning period. Please feel free to inform us of any further concerns and/or suggestions.

Sincerely,



Malcolm C. Fernandez
Director of Personnel Services

jcs

cc: Civil Service Commission

10/1/2012

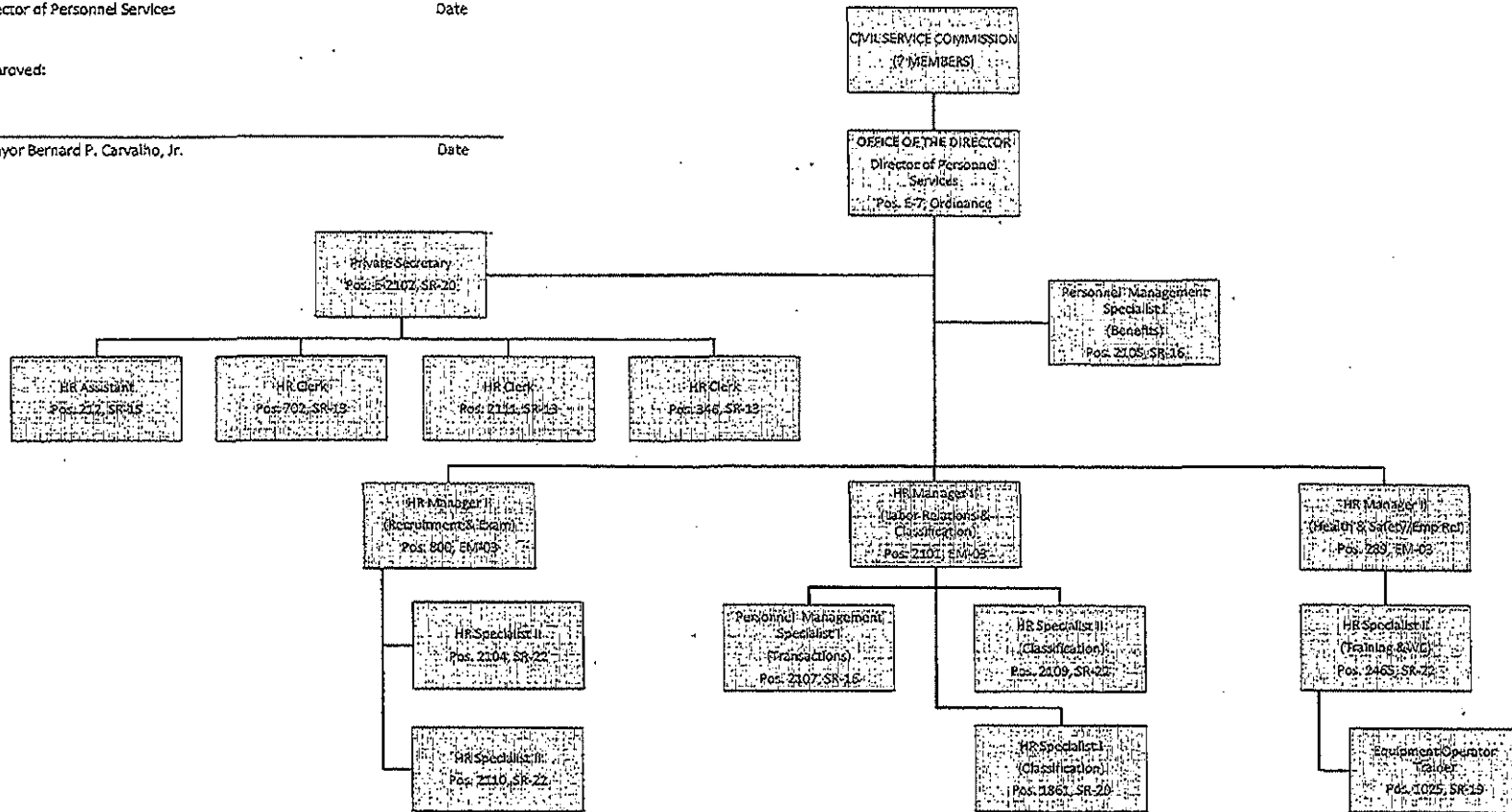
COUNTY OF KAUAI
DEPARTMENT OF PERSONNEL SERVICES
POSITION ORGANIZATION CHART

Acknowledged:

Director of Personnel Services _____ Date _____

Approved:

Mayor Bernard P. Carvalho, Jr. _____ Date _____



DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT NO. 13-39

March 21, 2013

Re: Request for Approval of Board of Water Supply Policy No. 9 – Meter Reading and Rendering of Bills

RECOMMENDATION:

Board policy material to be repealed is bracketed. New material is underscored. Deleted material is stricken through. In printing this rule amendment, the brackets, bracketed material, underscoring, strikes need not be included.

It is recommended that Item No. 1 of the Board of Water Supply Policy No. 9 be changed to the following:

1. Pursuant to Part 2, Section VIII, Article 1 of our rules and Regulations, meters shall be read and bills shall be rendered ~~bi~~-monthly.
2. ~~Any intended changes to the above billing period shall be adequately publicized three (3) months in advance of such change.~~ Any changes will be notified to the public.

BACKGROUND:

The DOW is under a cash basis system alongside with the Honolulu Board of Water (HBWS) and have undergo trial testing to convert to a monthly billing system (CC&B) since 2011. Bill stuffers with the notification of implementation were sent out to the public in November of last year. This stuffer also included verbiage on switching from a bi-monthly billing to monthly billing. Three months after going live C&C (Credit & Collections) and LPC (Late Payment Charge) will be turned on as CC&B needs three (3) billing cycles to use this feature (May 2013).

The implementation of the new monthly billing has taken effect on January 22, 2013 and has been successful.

Thank you for your consideration on this matter.

Respectfully submitted,



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

DC:mjg

Attached: Board of Water Supply Policy No. 9, Meter Reading and Rendering of Bills (*eff. 3-21-13*)
Board of Water Supply Policy No. 9, Meter Reading and Rendering of Bills (*orig. 7-9-70*)

Mgrrp/March 2013/13-39 Request for Approval of Board of Water Supply Policy No. 9 – Meter Reading and Rendering of Bills (03-21-13):mjg

BOARD OF WATER SUPPLY POLICY NO. 9

RE: METER READING AND RENDERING OF BILLS

1. Pursuant to Part 2, Section VIII, Article 1 of our Rules and Regulations, meters shall be read and bills shall be rendered monthly.
2. Any changes will be notified to the public.

Chairman
Board of Water Supply

Date

RE: METER READING AND RENDERING OF BILLS

Effective Date: March 21, 2013

BOARD OF WATER SUPPLY POLICY NO. 93

RE: 'METER READING AND RENDERING OF BILLS

1. Pursuant to Part 2, Section VIII, Article 1 of our Rules and Regulations, meters shall be read and bills shall be rendered bi-monthly.
2. Any intended changes to the above billing period shall be adequately publicized three (3) months in advance of such a change.

J. P. Jacobson

Acting Chairman
Board of Water Supply

July 9, 1970

Date

RE: METER READING AND RENDERING OF BILLS

Effective Date: July 9, 1970

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S REPORT 13-40

March 21, 2013

Re: Draft FY2014 Budget

RECOMMENDATION: Board review and requested changes and approval is required by June 30, 2013.

NOTE: The Honolulu Board of Water Supply manages the billing system and it requires the decision to implement the currently approved July rate before May 1st. This will allow sufficient time for testing of implemented rates before actual implementation date. Honolulu and Maui are also implementing rate increases so this date is critical.

BACKGROUND:

The FY 11 – FY 15 rate increase was approved subject to having capital replacement and refurbishment projects going to bid in a timely fashion and yearly Board approval to implement the next year proposed increase. At this time the FY 11 and FY12 increases have been implemented. Each increment of increase increases revenues about 11.2% and we have seen approximately 16% increase in revenue over FY10; the rate increase is meeting expectations. Revenue is currently projected to be higher than budgeted in the current FY13 budget by \$2.0 million. There are both higher than anticipated revenues and less than projected cash financed replacement and refurbishment projects that are in progress.

Although most of the replacement and refurbishment projects have gone to bid, they have partially relied more on SRF debt as opposed to cash financing as planned. With the SRF loans DOW has obtained \$1.75 million in principle forgiveness. This is not a grant in total; it means the loan has zero interest with a "loan origination charge" and no principle payments.

In addition to project completion another consideration when the Board approved the FY11-15 increase was to allow for any shortfall in the WSDF fund that may have to be covered this next year. It was assumed at that time that 30% of the Build America Bonds (BAB) would go toward system expansion. We have not yet encumbered this amount as we are awaiting action on the Water System Development Fee (WSDF) and our consultants. The BAB will in any case require full principle and interest payments beginning August 2013. While rate payers are not expected to pay the FRC debt, the water revenue fund into which it is deposited has sufficient reserves to allow inter fund borrowing until the WSDF fees are sufficient to reimburse the water revenue fund even with deferring the rates for half a year.

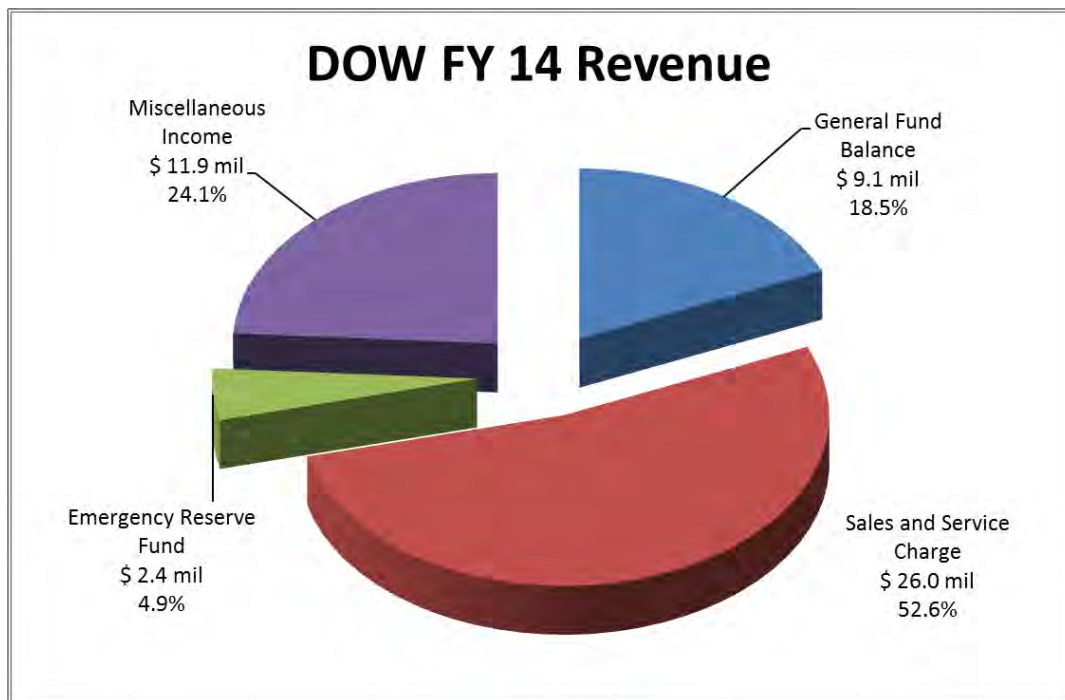
It is recommended that the Board considers deferral the rate increase as our staff cautiously makes the following recommendation. **This budget is submitted with the recommendation that the already approved rate increase portion for FY14 which is scheduled to be implemented on July 1st 2013, (of the FY11 through FY15 rate increase) will be deferred until January 1st 2014. A recommendation on deferral until the end of the fiscal year is subject to Board action on the WSDF schedule and rules adoption.**

If the decision to implement or change the SAIC proposal on the WSDF is not made prior to Jan 1st by the Board, it would negatively affect fees coming in. We project the WSDF fund may not have sufficient funds to make the debt service payments for FY15. This will necessitate the internal transfer of funds from the revenue fund to the WSDF fund to pay any debt service shortfall. The internal funds transfer may be required in any case even if the WSDF is dealt with in a timely manner due to people rushing in now to obtain service below DOW cost. More detail is given in the rest of the report.

The Budget is broken into revenues operating costs and capital costs.

REVENUES

The revenues of \$29.5 million incorporate a sixteen and eight tenths percent increase approved by the Board since January 1, 2011. The misc. income reflects a transfer of \$2.5 million for debt requirements of the BAB, SRF and other bond debt from the WSDF account to pay for expansion related projects in keeping with the User Pay principle. SRF loan/grants of \$4.67M and \$1.75M are also included in the miscellaneous receipts.



We estimated \$26 M in Water Revenues for FY2014. This is based on January 2013 financials and the anticipated rate increase for 6 months which include a proposed deferral of the scheduled rate increase on July 1, 2013 to a proposed new effective date of January 1, 2014. We have seen an increase in water usage based on year to date consumption and if the trend continues, it may bring additional .5 million dollars in revenue. As we go through the budget and we are able to get more current numbers, the revenue projection may be changed to reflect better information.

EXPENDITURES

Salaries are budgeted at \$5.9M, and it is \$0.4 million higher than last year. Part of the increase is a contingency of \$0.3M. This contingency is provided in anticipation of possible salaries and wages returning to pre “snap back clause” negotiated when the employees took a pay cut as of

July 1st. Negotiations are currently underway and no pay increase is included. Employees' bargaining units have provisions in the latest bargaining contracts that allow for the same salary/wage increase that other bargaining units receive. We will keep the Board informed as negotiation progress.

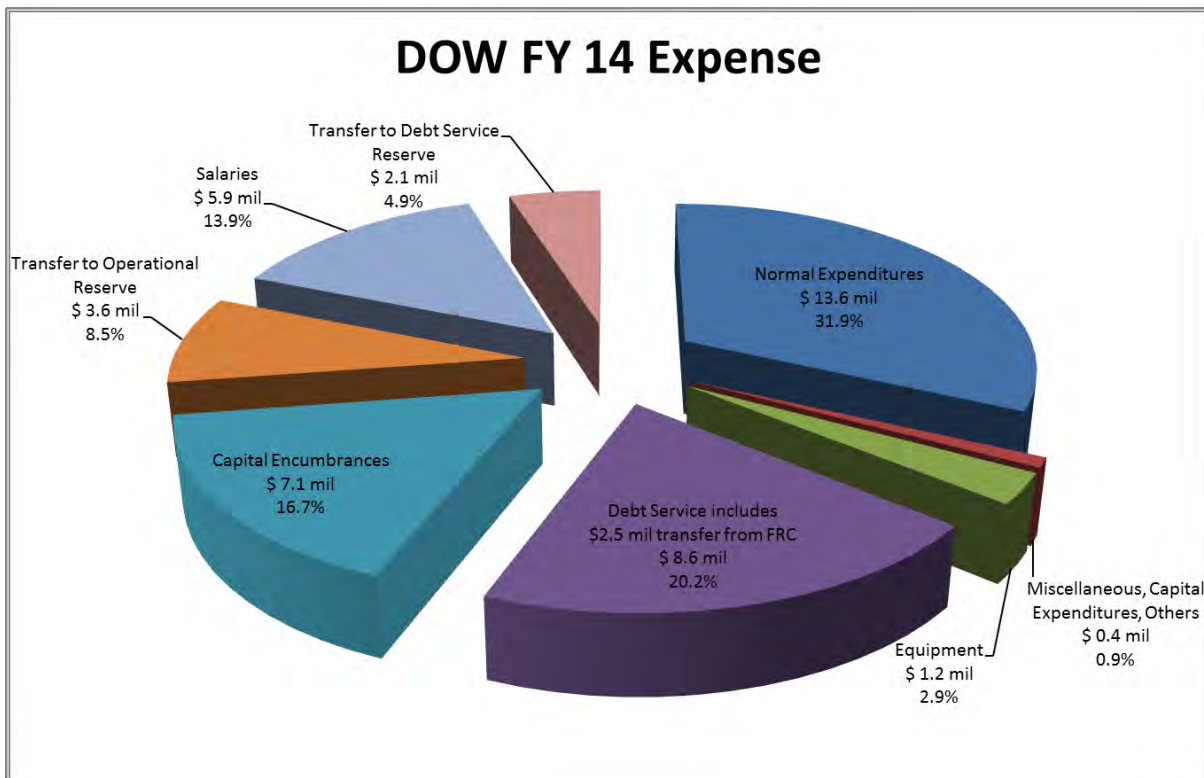
Normal expenditures are up by \$1M. Employee benefits are higher by \$0.34M, partly due to increased funding amortization of Unfunded Actuarial Accrued Liability (UAAL) for active employees and retirees. County Service charge which is non-cash expenditure is higher by \$0.16M, utilities budget were increased by \$0.63M in anticipation of higher electricity costs that continue to rise and increased bandwidth to accommodate additional users of the new CC&B. Operations' normal expenditures increased by \$0.35M and this is due in part to higher pumping costs and purchased water.

Debt Service requirement is higher by \$2M. This is the first year we are paying towards the principal of our \$60M bond – Build America Bond.

Vehicles & Equipment is budgeted at \$1.2M, \$0.6M higher from previous year. This line item in the budget includes phase 1 Plan Implementation of \$0.63M as recommended by the Consultants in the IT Review & Study. In addition, new vehicles were budgeted @ \$0.36M.

The Emergency Reserve is in its 3rd year of funding. Based on Operating Expenses net of depreciation from last year's (FY 2012) audit, the 25% funding target is fulfilled with the additional \$1.2M budget in the FY 2014 budget. This will bring our total Emergency Reserve Fund to \$3.6M.

Debt Service Reserve is set up in the amount of \$2.1M, 25% of the total debt service budget for FY 2014.



In addition to the operating costs there is a substantial capital budget.

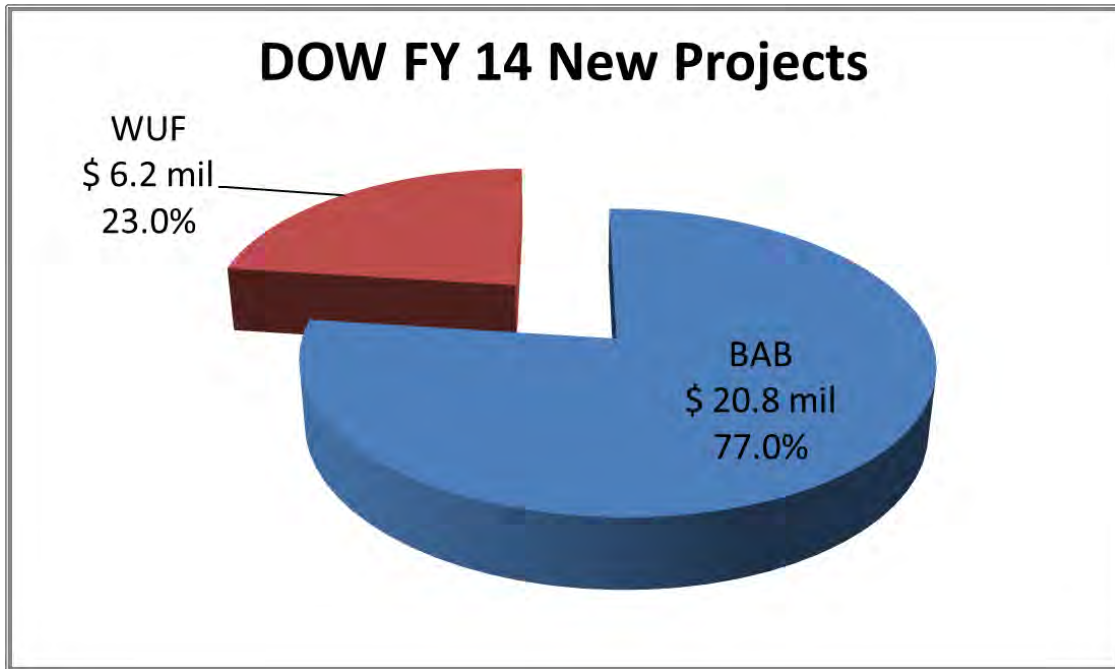
CAPITAL IMPROVEMENTS

The revenues for the capital projects come from bonds, revenues, SRF loans, WSDF charges and reserves from previous years. There are new projects that we expect to encumber this year and expected payments on existing contracts. The unspent balances are reserves.

BAB - CIP Fund Balance available for FY 2014 Project Priority List of \$20,836,911 is the total of accrued interest earnings of \$2.1M as of 6/30/2012 plus estimated interest earnings to 6/30/2013 and 6/30/2014 of \$.41M and the remaining unencumbered balance of the \$60M BAB. This total amount is budgeted to be encumbered as listed in the Project Priority List. All except a portion of DOW base yard improvements are expansion related.

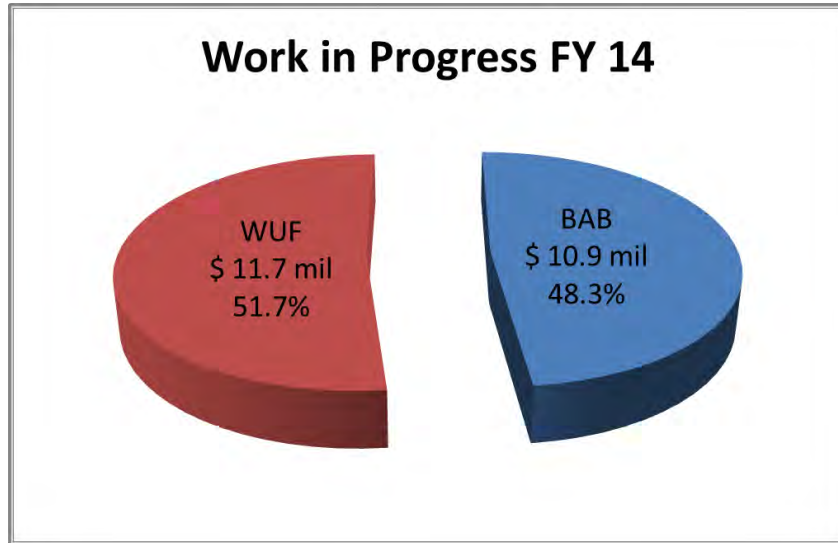
Water Utility –Proposed Projects:

- * Capital Replacement Projects has a total of \$4.9M proposed projects.
- * Capital Rehabilitation Projects proposed equals \$1.35M



WORK IN PROGRESS

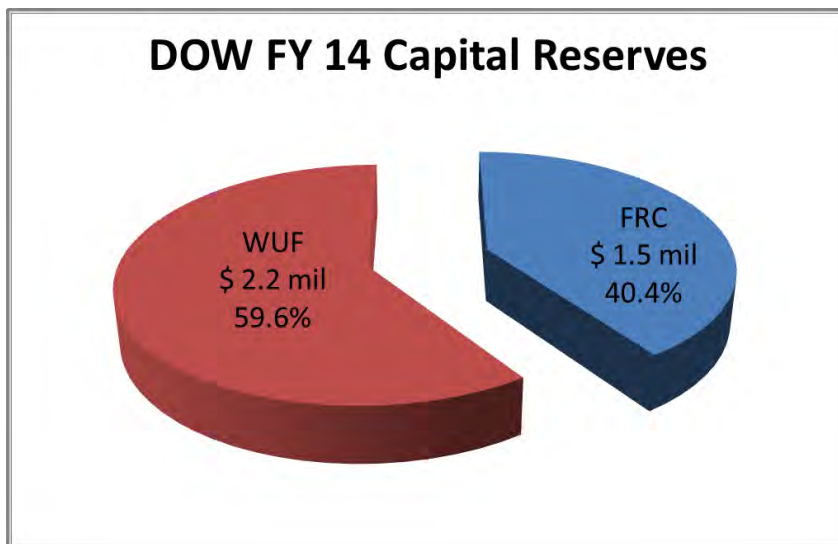
The BAB again is the lion's share of the spend-down. The WUF are for replacement engineering projects.



CAPITAL PROJECT RESERVES

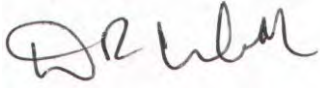
FRC available funds are estimated at \$1.5M after a proportionate share of debt service of \$2.5M. and WSDF receipts estimated at \$1.5M. This estimate is based on a higher WSDF charge.

The WSDFs goes to a restricted fund used only for system source, storage and transmission improvements. The WSDF reserve will be needed for FY 2014 debt service payments which will total about \$2.5 million. Expansion projects are very much underfunded at this time and time is running out to generate additional funds. The Board is reviewing the WSDF charges and we expect this to be completed in early FY 2014. The WUF reserve is subject to changes as the budget process moves forward.



Thank you for your attention to this matter and we look forward to working with you to refine the proposed budget.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "DRC", is positioned above the typed name.

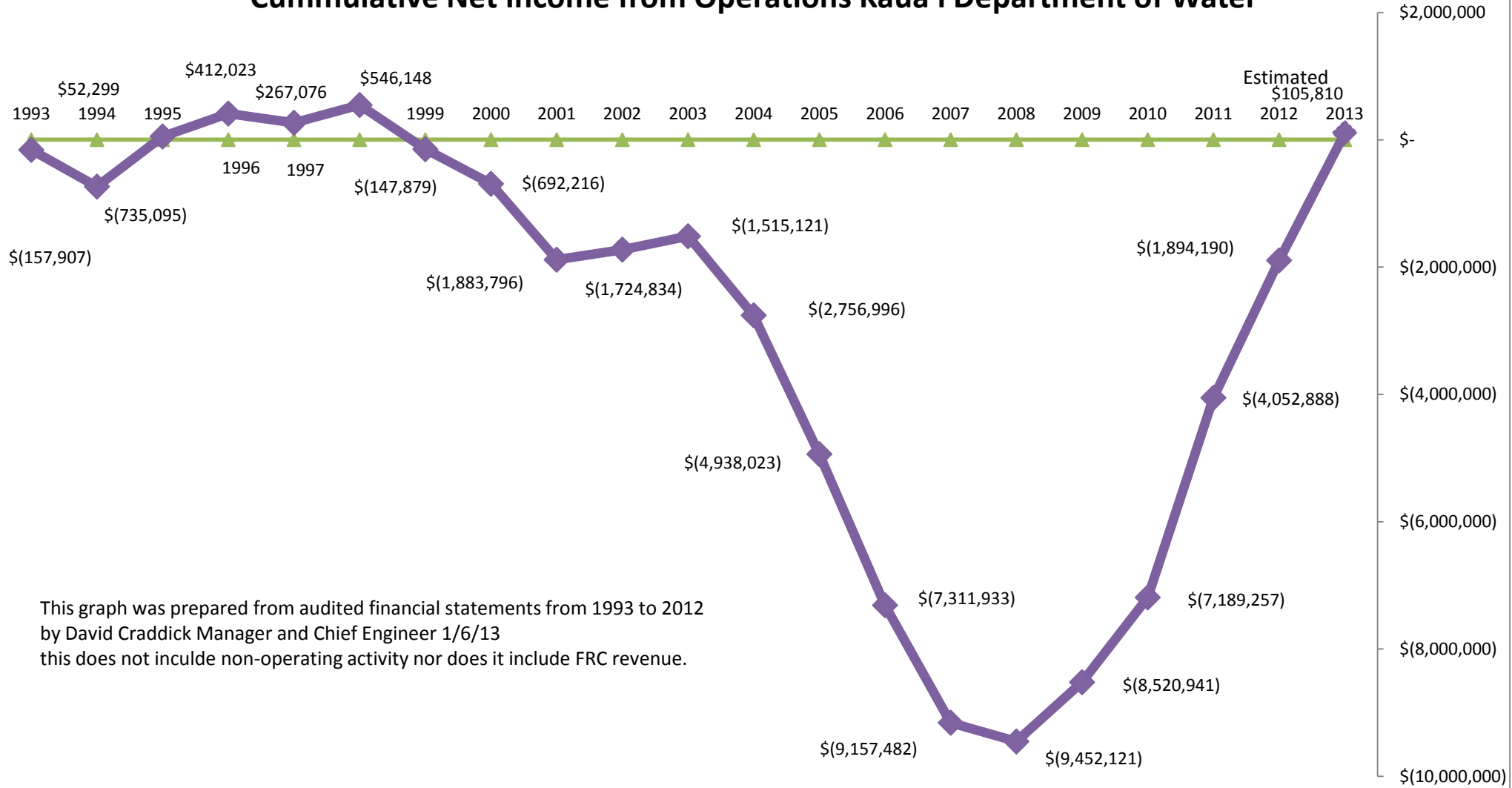
David R. Craddick, P.E., C.E.M.
Manager and Chief Engineer

DRC/mjg

Attached: Draft FY 2014 Budget

Mgrrp/March 2013/13-40 Draft FY2014 Budget(03-21-13):mjg

Cummulative Net Income from Operations Kaua'i Department of Water



This graph was prepared from audited financial statements from 1993 to 2012 by David Craddick Manager and Chief Engineer 1/6/13 this does not include non-operating activity nor does it include FRC revenue.

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
FUND BALANCES					
General Fund Balance	\$16,914,046	\$17,970,870	\$17,970,870	\$9,121,582	
Emergency Reserve Fund		\$1,200,000	\$1,200,000	\$2,400,000	
SUB-TOTAL	\$16,914,046	\$19,170,870	\$19,170,870	\$11,521,582	
RESOURCES					
Water Sales and Service Charge (p.2)	\$19,942,176	\$23,437,595	\$24,137,595	\$26,013,047	
Others (p. 2)	\$5,653,779	\$10,676,015	\$5,404,341	\$11,887,073	
SUB-TOTAL	\$25,595,955	\$34,113,610	\$29,541,936	\$37,900,119	
TOTAL RESOURCES:	\$42,510,000	\$53,284,480	\$48,712,806	\$49,421,701	
EXPENDITURES					
Salaries (p3 n Tab 4, p1)	\$4,366,631	\$5,542,045	\$4,872,236	\$5,935,885	
Normal Expenditures (p10 n tab 4 p4)	\$10,261,508	\$12,580,054	\$11,545,309	\$13,574,530	
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	\$653,900	\$745,200	\$1,245,000	
Miscellaneous, Capital Expenditures, Others (p18 n tab 4 p5)	\$405,877	\$3,163,714	\$2,712,197	\$882,499	
TOTAL OPERATING EXPENDITURES:	\$21,998,554	\$28,485,905	\$26,188,745	\$30,218,429	
CAPITAL EXPENDITURES					
Capital Replacement Program (p. 19)	\$1,165,692	\$21,314,673	\$10,017,895	\$12,075,960	
Capital Rehabilitation Program (p. 19)	\$174,884	\$933,902	\$984,584	\$1,427,312	
TOTAL CAPITAL EXPENDITURES	\$1,340,576	\$22,248,575	\$11,002,479	\$13,503,272	
RESERVE					
Debt Service Reserve				\$2,100,000	
Emergency Reserve (p. 18)		\$2,400,000		\$3,600,000	
TOTAL RESERVE:		\$2,400,000		\$5,700,000	
TOTAL EXPENDITURES & RESERVE:	\$23,339,129	\$53,134,480	\$37,191,224	\$49,421,701	
FUND BALANCE,	\$19,170,870	\$150,000	\$11,521,582	\$0	

3/15/2013

**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	2013 - 2014
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
FUND BALANCES					
General Fund Balance	\$16,914,046	\$19,170,870	\$19,170,870	\$2,000,390	
Emergency Reserve Fund	\$0			\$2,400,000	
<i>Prior Year Encumbrances (PO's, contracted cap & other expd)</i>				\$7,121,192	
SUB-TOTAL	\$16,914,046	\$19,170,870	\$19,170,870	\$11,521,582	
RESOURCES					
Water Sales and Service Charge	\$19,942,176	\$23,437,595	\$24,137,595	\$26,013,047	
Others	\$5,653,779	\$10,676,015	\$5,404,341	\$11,887,073	
SUB-TOTAL	\$25,595,955	\$34,113,610	\$29,541,936	\$37,900,119	\$0
TOTAL RESOURCES:	\$42,510,000	\$53,284,480	\$48,712,806	\$49,421,701	\$0
EXPENDITURES					
Salaries (p. 3 k24)	\$4,366,631	\$5,542,045	\$4,872,236	\$5,935,885	
Normal Expenditures (p10. f32)	\$10,261,508	\$12,580,054	\$11,545,309	\$13,574,530	
Debt Service (p.17)	\$6,432,865	\$6,546,192	\$6,313,803	\$8,580,515	
Equipment (p. 18, tab 4 p5)	\$531,672	\$653,900	\$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	
TOTAL OPERATING EXPENDITURES:	\$21,998,554	\$28,485,905	\$26,188,745	\$30,218,429	\$0
CAPITAL EXPENDITURES					
Capital Replacement Program (p. 19)	\$1,165,692	\$21,314,673	\$10,017,895	\$5,710,603	
<i>CRPL, 2012 Encumbrance (Tab 12 p4)</i>				\$6,365,357	
Capital Rehabilitation Program (p. 19)	\$174,884	\$933,902	\$984,584	\$1,156,373	
<i>CRP, 2012 Encumbrance (tab 13 p3)</i>				\$270,939	
TOTAL CAPITAL EXPENDITURES	\$1,340,576	\$22,248,575	\$11,002,479	\$13,503,272	\$0
RESERVE					
Debt Service Reserve		\$0	\$0	\$2,100,000	
Emergency Reserve (p. 18)		\$2,400,000	\$0	\$3,600,000	
TOTAL RESERVE:	\$0	\$2,400,000	\$0	\$5,700,000	
TOTAL EXPENDITURES & RESERVE:	\$23,339,129	\$53,134,480	\$37,191,224	\$49,421,701	\$0
FUND BALANCE,	\$19,170,870	\$150,000	\$11,521,582	\$0	\$0

3/15/2013

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

REVENUES	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
1. WATER SALES AND SERVICE CHARGE	\$19,942,176	\$23,437,595	\$24,137,595	\$26,013,047	
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	\$91,300	\$4,921,000	
5a. OTHER RECEIPTS	-\$20,395	\$1,000,000	\$353,718	\$1,750,000	
5b. OTHER - BAB SUBSIDY	\$715,616	\$715,616	\$715,615	\$715,616	
5c.. FRC DEBT SERVICE PAYBACK	\$1,989,115	\$1,968,273	\$166,758	\$2,495,227	
5d. GRANTs, Other	\$125,283	\$230,000		\$230,000	
TOTAL REVENUES:	\$25,595,955	\$34,113,610	\$29,541,936	\$37,900,119	

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

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)	(89)		
Administration (16)	(11) \$698,758	(16) \$833,839	(14) \$782,163	(16) \$874,628		
Admin. - Water Quality		\$163,148	\$163,148	\$172,565		
Engineering Division (5)	(14) \$605,913	(5) \$381,039	(3) \$211,284	(5) \$341,435		
Construction Management		\$348,364	\$306,936	\$511,938		
Water Resource & Planning Division (6)	(5) \$352,847	(6) \$410,996	(6) \$373,128	(6) \$437,262		
Fiscal Division (19)	(17) \$801,250	(19) \$905,578	(17) \$905,578	(19) \$954,070		
Operations Division (43)	(35) \$1,907,863	(42) \$2,399,081	(37) \$2,080,000	(43) \$2,543,986		
TOTAL SALARIES:	\$4,366,631	\$5,442,045	\$4,822,236	\$5,835,885		
16. Provision for Accrued Vacation						
Salaries	\$ -	\$ 100,000	\$ 50,000	\$ 100,000		
TOTAL SALARIES AND PROVISION FOR ACCRUED	\$4,366,631	\$5,542,045	\$4,872,236	\$5,935,885		

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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 PROPOSED	2013 - 2014 APPROVED
		BUDGET	ESTIMATED		
19. COUNTY SERVICE CHARGE					
Departmental Fixed Charges (Miscellaneous)	\$ 1,147,741	\$1,467,126	\$1,467,126	\$1,630,230	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGET	ESTIMATED		
MATERIALS, SUPPLIES & SERVICE					
21. UTILITIES					
Departmental Fixed Charges	\$209,209	\$247,380	\$247,380	\$310,100	
22. POSTAGE AND PRINTING					
Departmental Fixed Charges	\$38,715	\$16,000	\$16,000	\$16,000	
Fiscal Division	\$55,102	\$125,000	\$125,000	\$125,000	
TOTAL POSTAGE AND PRINTING:	\$93,817	\$141,000	\$141,000	\$141,000	
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	\$221,500	
TOTAL OFFICE EQUIPMENT MAINT.	\$105,969	\$161,100	\$161,100	\$221,500	
27. CONTRACTUAL SERVICES					
Departmental Fixed Charges	\$138,374	\$69,200	\$69,200	\$70,000	
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				
TOTAL CONTRACTUAL SERVICES:	\$352,074	\$677,200	\$458,550	\$517,000	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGET	ESTIMATED		
28. TRAVEL & INCIDENTALS - BOARD					
Administration	\$13,665	\$19,798	\$16,798	\$25,228	
29. TRAVEL & INCIDENTALS - STAFF					
Administration	\$37,780	\$42,050	\$42,050	\$37,820	
30. BILLING & COLLECTION					
Fiscal Division				\$155,000	
31. MISCELLANEOUS					
Administration	\$21,400	\$18,500	\$18,500	\$20,000	
32. AUDITING FEES					
Fiscal Division	\$66,000	\$76,000	\$70,000	\$80,000	
33. IN-SERVICE TRAINING					
Administration	\$43,132	\$90,600	\$80,600	\$83,650	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGET	ESTIMATED		
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	
TOTAL SUPPLIES-OFFICE & ENGINEERING:	\$ 38,000	\$45,000	\$45,000	\$46,000	
35 OPERATING RESERVE FUND					
Administration	\$14,623	\$20,000	\$20,000	\$20,000	
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	
	\$165,687	\$86,500	\$66,500	\$86,500	
37. COMPUTER SUPPORT & SUPPLIES					
Administration	\$44,384	\$97,000	\$97,000	\$86,500	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGET	ESTIMATED		
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	
TOTAL ADMINISTRATIVE, OFFICE AND ENGINEERING EXPENDITURES:	\$1,233,246	\$1,792,128	\$1,494,478	\$1,920,298	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
OPERATIONS AND MAINTENANCE					
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					
TOTAL OPERATIONS & MAINTENANCE:	\$5,451,897	\$6,321,826	\$5,872,000	\$6,675,776	

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

EXPENDITURE CLASSIFICATION	2011 - 2012	2012 - 2013		2013 - 2014	2013 - 2014
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
INSURANCE					
Departmental Fixed Charges					
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	
TOTAL INSURANCE:	\$70,701	\$360,000	\$260,000	\$360,000	
RETIREMENT SYSTEM CONTRIBUTIONS -					
Departmental Fixed Charges					
62. Retirement System - Employers' Share	\$614,965	\$844,605	\$805,253	\$905,729	
63. FICA Taxes - Employers' Share	\$293,209	\$416,316	\$371,017	\$446,445	
TOTAL RETIREMENT SYSTEM CONTRIBUTIONS:	\$908,174	\$1,260,922	\$1,176,270	\$1,352,174	
EMPLOYEES' HEALTH CONTRIBUTIONS -					
Departmental Fixed Charges					
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	\$1,105,000	
TOTAL EMPLOYEE'S HEALTH CONTRIBUTIONS:	\$1,449,750	\$1,378,052	\$1,275,435	\$1,636,052	
TOTAL INSURANCE AND EMPLOYEE BENEFITS:	\$2,428,625	\$2,998,974	\$2,711,705	\$3,348,226	
TOTAL NORMAL EXPENDITURES:	\$10,261,509	\$12,580,054	\$11,545,309	\$13,574,530	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
DEBT SERVICE REQUIREMENTS					
93. FmHA \$300,000 BOND	\$ 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					
97 DOW BOND, 2001 ISSUE	\$ -	\$ -	\$ -	\$ -	
General Obligation Bonds, Series 2001A Series 2005A Refunded a portion of Series 2001A, Orig. Amt: \$11,725,000 DEFEASED 7/7/11					
97.1. DOW BOND, 2011A	\$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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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
98. State Revolving Fund Loan 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	\$ 128,169	\$ 125,395	\$ 125,395	\$ 122,582	
99. State Revolving Fund Loan 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	\$ 69,137	\$ 67,617	\$ 67,617	\$ 66,082	

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FISCAL YEAR 2013-2014
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WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012	2012 - 2013		2013 - 2014	2013 - 2014
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
80. State Revolving Fund Loan 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	
81. State Revolving Fund Loan 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	
82. State Revolving Fund Loan 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	
83. State Revolving Fund Loan 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	\$98,693	\$96,588	\$96,589	\$94,475	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
84. State Revolving Fund Loan 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	\$63,803	\$62,462	\$62,462	\$61,111	
85. State Revolving Fund Loan 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	\$181,669	\$177,755	\$177,754	\$173,833	
86. DOW BOND, 2005 Series Last Installment Due August 2029 Date Issued November 2005 Original Amount \$3,320,000.00 Balance at 6/30/13: \$255,000	\$ 214,950	\$ 212,309	\$ 107,672	\$ 108,650	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
87. DOW BOND, 2005 Series, Partial Refund 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	
88. State Revolving Loan 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	

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

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
92. DOW BOND, Series 2010A 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	
94. State Revolving Fund Loan Kapilimao 0.5MG Tank Last Installment Due: January, 2030 Date Issued: January, 2011 Original Amount: \$1,720,255 , \$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	
TOTAL DEBT SERVICE REQUIREMENTS:	\$6,432,865	\$6,546,192	\$6,313,801	\$8,580,515	\$0
TOTAL SALARIES, NORMAL EXPENDITURES AND DEBT SERVICE:	\$21,061,006	\$24,668,290	\$22,731,345	\$28,090,929	\$0

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

EXPENDITURE CLASSIFICATION	2011 - 2012			2013 - 2014	2013 - 2014
	ACTUAL	BUDGETED	ESTIMATED	PROPOSED	APPROVED
EQUIPMENT					
103. OFFICE & ENGINEERING EQUIPMENT					
Administration	\$180,173	\$308,700	\$200,000	\$738,000	
Engineering Division		\$15,200	\$15,200		
Construction Management				\$15,000	
Water Resources and Planning					
Fiscal Division		\$118,000	\$318,000	\$102,000	
TOTAL OFFICE & ENGINEERING EQUIPMENT	\$180,173	\$441,900	\$533,200	\$855,000	
106. VEHICLES AND EQUIPMENT					
Administration					
Engineering Division	\$30,541			\$40,000	
Water Resources and Planning Division					
Fiscal Division	\$72,000				
Operation Division	\$248,958	\$212,000	\$212,000	\$350,000	
TOTAL VEHICLES AND EQUIPMENT	\$351,498	\$212,000	\$212,000	\$390,000	
TOTAL EQUIPMENT	\$531,672	\$653,900	\$745,200	\$1,245,000	
MISCELLANEOUS CAPITAL EXPENDITURES, OTHERS					
102. MISCELLANEOUS OTHER CAPITAL EXPENDITURES, OTHERS					
Operations Division	\$354,902	\$975,000	\$775,000	\$360,000	
105. RECORDING METERS					
Operations Division					
107. PURCHASE OF METER AND METER BOXES					
Operations Division	\$50,975	\$129,000	\$129,000	\$102,500	
Misc. Contracted Capital Expenditures, Others		\$2,059,715	\$1,808,197	\$419,999	
TOTAL MISCELLANEOUS CAPITAL EXPENDITURES, OTHERS	\$405,877	\$3,163,715	\$2,712,197	\$882,499	
RESERVES:					
Debt Service Reserve				\$2,100,000	
Emergency Reserve		\$2,400,000		\$3,600,000	
TOTAL RESERVES		\$2,400,000		\$5,700,000	
TOTAL EXPENDITURES & RESERVE	\$21,998,555	\$30,885,905	\$26,188,743	\$35,918,430	

3/15/2013

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL			2013 - 2014 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
CAPITAL PROJECTS					
101. CIP REPLACEMENT PROJECTS (tab12)					
Capital Improvement Program (p1)		\$14,927,757		\$4,857,003	
Contracted CIP Projects (p1)	\$1,165,692	\$2,945,100	\$6,576,079	\$4,971,222	
106b. CIP RESERVE					
Capital Improvement Program (p1)		\$3,441,816	\$3,441,816	\$2,247,735	
TOTAL CIP REPLACEMENT PROJECTS	\$1,165,692	\$21,314,673	\$10,017,895	\$12,075,960	
101b. CAPITAL REHABILITATION (Tab 13)					
Capital Rehabilitation Program (p1)		\$470,531	\$199,592	\$1,350,410	
Contracted CRP Projects (p1)	\$174,884	\$463,371	\$784,991	\$76,902	
TOTAL CAPITAL REHABILITATION PROGRAM	\$174,884	\$933,902	\$984,584	\$1,427,312	
TOTAL CAPITAL PROJECTS:	\$1,340,576	\$22,248,575	\$11,002,479	\$13,503,272	

**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 PROPOSED	2013 - 2014 APPROVED
		BUDGETED	ESTIMATED		
TOTAL SALARIES, NORMAL EXPENDITURES, DEBT SERVICE REQUIREMENTS, AND CAPITAL EXPENDITURES:	\$23,339,130	\$53,134,479	\$37,191,222	\$49,421,701	

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

REVENUES		2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
			BUDGETED	ESTIMATED	
1.	WATER SALES AND SERVICE CHARGE	\$19,942,176	\$23,437,595	\$24,137,595	\$26,013,047
2.	MISCELLANEOUS RECEIPTS		\$60,000	\$2,549,824	\$60,000
3.	INTEREST INCOME	\$59,989	\$235,000	\$60,000	\$85,000
4.	FIRE HYDRANT 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	\$91,300	\$4,921,000
5a.	OTHER RECEIPTS - Grants (SRF)	-\$20,395	\$1,000,000	\$353,718	\$1,750,000
5b.	OTHER - BAB SUBSIDY	\$715,616	\$715,616	\$715,615	\$715,616
5c.	FRC DEBT SERVICE PAYBACK	\$1,989,115	\$1,968,273	\$166,758	\$2,495,227
5d.	GRANT - Department of Health	\$125,283	\$230,000	\$0	\$230,000
TOTAL:		\$25,595,955	\$34,113,610	\$29,541,936	\$37,900,119

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

1. WATER SALES & SERVICE CHARGE				
A. WATER SALES REVENUES				
Forecast of consumption excluding agricultural demand.				
Projected Increase due to Block Change				
	Rates Effective	Rates Effective	Projected Consumption	
	July 1, 2013	July 1, 2013	(000 gallons)	
Base Charge	\$3.40	\$3.60	443,589	1,552,562
First Block	\$3.90	\$4.35	2,045,768	8,438,793
**3rd & 4th block estimates were reduced by a total of 15% based on projected average consumption to account for water conservation efforts	\$4.50	\$5.05	891,968	4,259,146
Third Block	\$7.60	\$8.50	280,777	2,260,258
Fourth Block	\$8.05	\$8.95	539,539	4,586,083
			4,201,642	21,096,843
B. AGRICULTURAL SALES		\$2.05	171,464	351,501
C. SERVICE CHARGE				4,188,000
Forecast of service charge based on projected 20,500 consumers at various charges per size of meters				
TOTAL CALCULATED WATER SALES			4,373,106	25,636,344
Leak Adjustments			(49,548)	-250000
Adjustment factor of -3.0% (Based on historical difference versus actual)				-713600
TOTAL PROJECTED WATER SALES:			4,323,558	24,672,744
D. COST OF POWER ADJUSTMENT				
Projected Consumption for FY 12-13 of 4,272,840 gallons @ Cost of Power adjustment rate of \$0.31 per 1,000 gallons				
				\$1,340,303
TOTAL PROJECTED REVENUES				\$26,013,047

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2012 - 2013
REVENUES
WATER UTILITY FUND**

2. MISCELLANEOUS RECEIPTS

Includes revenues from meter and service lateral installations; merchandising and jobbing charges; re-opening charges, temporary fire hydrant meters.

	Merchandising & Jobbing	
	Meter & Service Lateral	
	Other	
		<u>\$60,000</u>
TOTAL MISCELLANEOUS RECEIPTS:		<u><u>\$60,000</u></u>

3. INTEREST EARNED

Short-term investments:		
WATER UTILITY		\$80,000
BOND FUND		\$0
SAVINGS		<u>\$5,000</u>
TOTAL INTEREST EARNED:		<u><u>\$85,000</u></u>

4. FIRE HYDRANT SERVICE CHARGE

The County of Kauai is charged for fire hydrant services and acts as a contra costs for services

Effective rates as of 7/1/13	\$60.00		2,193	6" Hydrant	@ \$720.00	\$1,578,960
	\$20.50		41	4" Hydrant	@ \$246.00	\$10,086
	\$9.75		352	Standpipes	@ \$117.00	<u>\$41,184</u>

TOTAL FIRE HYDRANT SERVICE CHARGE: \$1,630,230

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2012 - 2013
REVENUES
WATER UTILITY FUND**

5. OTHER		
Miscellaneous receipts, reimbursements and contributions not classified elsewhere. State Revolving Fund Loan proceeds for:		
SRF Loan	\$4,921,000	
TOTAL OTHER:		\$4,921,000
5a. Other Receipts - Grants		
1. SRF Grant Funds		\$1,750,000
5b. Other Receipts - BAB Subsidy		
Economic Development Bonds (BAB) Subsidy for the Series 2010 General Obligation Bonds Issue		
		\$715,616
5C. FRC Debt Service Payback		
Proportionate Share of Debt Service (30%) for FRC projects funded from SRF and Build America Bond (BAB) fund.		
		\$2,495,227
5d. Grant - Dept of Health		
1.Drought Mitigation Grant	\$0	
2. Wellhead Protection, Year 1		
3. Project WET - Source Protection Education	\$230,000	\$230,000

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
Administration	(11) \$698,758	(16) \$833,839	(14) \$782,163	(16) \$874,628
Water Quality		(\$3) \$163,148	(\$3) \$163,148	(\$3) \$172,565
Engineering Division	(\$14) \$605,913	(\$5) \$381,039	(\$3) \$211,284	(\$5) \$341,435
Construction Management		(\$7) \$348,364	(\$5) \$306,936	(\$7) \$511,938
Water Resource and Planning Division	(5) \$352,847	(6) \$410,996	(6) \$373,128	(6) \$437,262
Fiscal Division	(17) 801,250	(19) 905,578	(17) 905,578	(19) 954,070
Operations Division	(35) 1,907,863	(42) 2,399,081	(37) 2,080,000	(43) 2,543,986
TOTAL NO. OF POSITIONS:	(82)	(88)	(77)	(89)
TOTAL SALARIES:	\$4,366,631	\$5,442,045	\$4,822,237	\$5,835,885
*NOTE: No. of Positions (#)				
Provision for Accrued Vacation		\$100,000	\$50,000	\$100,000
TOTAL SALARIES AND PROVISION FOR ACCRUED VACATION:	\$4,366,631	\$5,542,045	\$4,872,237	\$5,935,885

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

SALARIES SUMMARY	ADMIN	WATER QUALITY	ENG.	CONSTRUC TION MGMT.	WATER RESOURCES & PLANING	FISCAL	OPS	TOTAL
No. of Positions	(15)	(3)	(5)	(7)	(6)	(19)	(43)	(98)
Regular	671,327	\$161,148	\$194,784	\$265,896	\$349,128	756,264	1,614,504	\$4,013,051
Overtime	23,000	\$2,000	\$10,000	\$30,000	\$12,000	52,000	250,000	\$379,000
Temporary Assignment	2,000	\$1,000	\$6,000	\$10,000	\$3,000	20,000	110,000	\$152,000
Contract Hire - 6 months (Emergency)								
Student Hire (6)	\$36,000							\$36,000
Standby	\$1,000						104,500	\$105,500
Same Day Per Diem	\$1,000	\$200	\$500	\$500	\$1,000	1,000	1,000	\$5,200
SUBTOTAL SALARIES:	\$734,327	\$164,348	\$211,284	\$305,896	\$365,128	\$829,264	\$2,080,004	\$4,690,751
Provision for vacant positions	\$103,795		\$113,892	\$184,596	\$51,312	\$83,343	\$359,982	\$896,920
Provision of 5% Contingency - Salary Increases	\$37,506	\$8,217	\$16,259	\$20,946	\$20,822	\$41,463	\$104,000	\$249,214
TOTAL SALARIES AFTER PROVISION	\$875,628	\$172,565	\$341,435	\$511,438	\$437,262	\$954,070	\$2,543,986	\$5,836,885
Unassigned Vacant Positions	\$61,520			\$72,072		\$83,343	2	\$216,937
Assigned Vacant Positions	\$42,275		\$113,892	\$112,524	\$51,312		\$359,980	\$679,983

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
MAJOR EXPENDITURES
WATER UTILITY FUND**

16. PROVISION FOR ACCRUED VACATION

Provision for payments of accrued vacation earned for those employees retire, transfer, or leave the Department.	\$100,000
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**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2013 - 2014
MAJOR EXPENDITURES
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
NORMAL EXPENDITURES				
Departmental Fixed Charges	\$4,101,328	\$4,994,780	\$4,707,511	\$5,632,056
Administration	\$374,794	\$494,448	\$361,448	\$419,698
Water Quality	\$27,508	\$70,000	\$30,000	\$92,000
Engineering Division				
Construction Management				
Water Resource & Planning Division	\$98,540	\$325,000	\$256,350	\$320,000
Fiscal Division	\$207,442	\$374,000	\$318,000	\$435,000
Operations Division	\$5,451,897	\$6,321,826	\$5,872,000	\$6,675,776
TOTAL NORMAL EXPENDITURES:	\$10,261,509	\$12,580,054	\$11,545,309	\$13,574,530

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
EQUIPMENT				
Administration	\$180,173	\$308,700	\$200,000	\$738,000
Admin. - Water Quality				
Engineering Division	\$30,541			
Construction Management				\$55,000
Water Resource & Planning Division		\$1		
Fiscal Division		\$268,000	\$98,000	\$102,000
Operations Division	\$248,958	\$212,000	\$212,000	\$350,000
TOTAL EQUIPMENT:	\$459,672	\$788,701	\$510,000	\$1,245,000
MISCELLANEOUS CAPITAL EXPENDITURES, OTHERS				
Property and Supply - Operations Division	\$405,877	\$1,104,000	\$904,000	\$462,500
Contracted, Miscellaneous Capital Expenditures, Others		\$2,059,715	\$1,808,197	\$419,999
TOTAL MISCELLANEOUS, CAPITAL EXPENDITURES, OTHERS	\$405,877	\$3,163,715	\$2,712,197	\$882,499

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

103. OFFICE FURNITURE AND EQUIPMENT			
ADMINISTRATION	PY Appropriations	NEW REQUESTS	TOTAL
<u>IT Master Plan:</u>			
Kofax Capture & Oracle Upgrade		\$10,000	\$10,000
Implementation of New Document Imaging System		\$108,000	\$108,000
Develop Web based GIS viewer and map layers		\$90,000	\$90,000
Great Plains - Redevelop Chart of Accounts		\$250,000	\$250,000
Microfilm to Image Conversion		\$20,000	\$20,000
SCADA System Upgrade		\$175,000	\$175,000
Web Monitoring Software		\$10,000	\$10,000
AMR Laptop/Case Software		\$25,000	\$25,000
Computer Leases		\$50,000	\$50,000
NEW REQUEST SUB-TOTAL:		\$738,000	\$738,000
ADMINISTRATION SUB-TOTAL:		\$738,000	\$738,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
MAJOR EXPENDITURES
WATER UTILITY FUND**

103. OFFICE FURNITURE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
ENGINEERING DIVISION			
PRIOR YEAR APPROPRIATIONS:			
PY APPROPRIATIONS - SUB-TOTAL:			
NEW REQUESTS			
NEW REQUESTS:			
NEW REQUESTS SUB-TOTAL:			
ENGINEERING SUB-TOTAL:			
CONSTRUCTION MANAGEMENT			
PRIOR YEAR APPROPRIATIONS:			
HANDHELD GPS UNITS (4)			
NEW REQUESTS			
6 Laptop Computers		\$15,000	\$15,000
NEW REQUESTS SUB-TOTAL:		\$15,000	\$15,000
WATER RESOURCES AND PLANNING SUB-TOTAL:		\$15,000	\$15,000

**DEPARTMENT OF WATER
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MAJOR EXPENDITURES
WATER UTILITY FUND**

103. OFFICE FURNITURE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
WATER RESOURCES AND PLANNING			
NEW REQUESTS:		\$0	\$0
			\$0
NEW REQUESTS SUB-TOTAL:	\$0	\$0	\$0
WATER RESOURCES AND PLANNING SUB-TOTAL:	\$0	\$0	\$0
FISCAL DIVISION			
PRIOR YEAR APPROPRIATIONS:			
Implementation of a computerized billing and accounting system (for system upgrades, enhancements, customization, and Phase III - Project Accounting)	\$50,000		\$50,000
LOIHI-MPET Interface	\$20,000		\$20,000
Accounting Software Package	\$0		\$0
PY APPROPRIATIONS - SUB-TOTAL:	\$70,000	\$0	\$70,000
NEW REQUESTS			
Copier Leases		\$32,000	\$32,000
			\$0
NEW REQUESTS SUB-TOTAL:	\$0	\$32,000	\$32,000
FISCAL DIVISION SUB-TOTAL:	\$70,000	\$32,000	\$102,000
TOTAL ALL DIVISIONS' OFFICE FURNITURE AND EQUIPMENT:	\$70,000	\$785,000	\$855,000

**DEPARTMENT OF WATER
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MAJOR EXPENDITURES
WATER UTILITY FUND**

106. VEHICLE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
ADMINISTRATION:			
EQUIPMENT:			\$0
VEHICLES:			
TOTAL ADMINISTRATION - VEHICLES & EQUIPMENT:	\$0	\$0	\$0
CONSTRUCTION MANAGEMENT			
VEHICLES:		\$40,000	\$40,000
NEW REQUESTS:		\$0	\$0
TOTAL ENGINEERING DIVISION VEHICLES & EQUIPMENT:	\$0	\$40,000	\$40,000

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MAJOR EXPENDITURES
WATER UTILITY FUND**

106. VEHICLE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
WATER RESOURCES AND PLANNING DIVISION:			
VEHICLES:			
NEW REQUESTS:			
VEHICLES AND EQUIPMENT		\$0	\$0
TOTAL WATER RESOURCES AND PLANNING DIVISION - VEHICLES & EQUIPMENT:	\$0	\$0	\$0
FISCAL DIVISION			
VEHICLES:			\$0
ENCUMBRANCES:			
NEW REQUESTS:		\$0	\$0
0			
TOTAL FISCAL DIVISION - VEHICLES & EQUIPMENT:	\$0	\$0	\$0

**DEPARTMENT OF WATER
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MAJOR EXPENDITURES
WATER UTILITY FUND**

106. VEHICLE AND EQUIPMENT CONT'D			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
<p>OPERATIONS DIVISION:</p> <p>EQUIPMENT:</p> <p>PRIOR YEAR APPROPRIATIONS:</p> <p>Contingency for Operational Equipment less than \$5,000 per Board Policy No. 3, Item No. 3</p> <p>.</p>	\$20,000		\$20,000
PY APPROPRIATIONS -EQUIPMENT SUB-TOTAL:	\$20,000		\$20,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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MAJOR EXPENDITURES
WATER UTILITY FUND**

106. VEHICLE AND EQUIPMENT CONT'D			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
OPERATIONS DIVISION:			
New Requests:			
Operations & Baseyard Security Equipments		\$15,000	\$15,000
EQUIPMENT NEW REQUESTS SUB-TOTAL:		\$15,000	\$15,000
TOTAL OPERATIONS DIVISION EQUIPMENT:	\$20,000	\$15,000	\$35,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
MAJOR EXPENDITURES
WATER UTILITY FUND**

106. VEHICLE AND EQUIPMENT CONT'D			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
OPERATIONS DIVISION:			
PRIOR YEAR APPROPRIATIONS:			
VEHICLE ENCUMBRANCE SUB-TOTAL:			
New Requests:			
4 x 4 Access Cab Pick Up w/ Lift Gate		\$40,000	\$40,000
Compact Excavator and Equipment Trailer		\$75,000	\$75,000
42000 GVW Dump Truck		\$200,000	\$200,000
VEHICLE NEW REQUESTS SUB-TOTAL:		\$315,000	\$315,000
TOTAL OPERATIONS DIVISION VEHICLE:		\$315,000	\$315,000
TOTAL OPERATIONS DIVISION VEHICLES AND EQUIPMENT:	\$20,000	\$330,000	\$350,000
TOTAL ALL DIVISIONS' VEHICLES AND EQUIPMENT:	\$20,000	\$370,000	\$390,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR 2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
DEBT SERVICE REQUIREMENTS				
93. FmHA \$300,000 BOND	\$ 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				
97 DOW BOND, 2001 ISSUE	\$ -	\$0	\$0	
General Obligation Bonds, Series 2001A Series 2005A Refunded a portion of Series 2001A, Orig. Amt: \$11,725,000 DEFEASED 7/7/11				
97.1. DOW BOND, 2011A	\$440,830	\$440,550	\$440,550	\$438,600
2011A Refunding Bonds - \$5,125,000 (\$5.24M Refunded 2001A) Balance at June 30, 2013: \$4,505,000.00				

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR 2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
98. State Revolving Fund Loan 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	\$ 128,169	\$125,395	\$125,395	\$122,582
99. State Revolving Fund Loan 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	\$ 69,137	\$67,617	\$67,617	\$66,082

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
80. State Revolving Fund Loan 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
81. State Revolving Fund Loan 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
82. State Revolving Fund Loan 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

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
83. State Revolving Fund Loan 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	\$ 98,693	\$96,588	\$96,589	\$94,475
84. State Revolving Fund Loan 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	\$ 63,803	\$62,462	\$62,462	\$61,111
85. State Revolving Fund Loan 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	\$ 181,669	\$177,755	\$177,754	\$173,833

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
86. DOW BOND, 2005 Series Last Installment Due August 2029 Date Issued November 2005 Original Amount \$3,320,000.00 Balance at 6/30/13: \$255,000	\$ 214,950	\$212,309	\$107,672	\$108,650
87. DOW BOND, 2005 Series, Partial Refund 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
88. State Revolving Loan 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

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
FISCAL YEAR
2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
89. State Revolving Fund Loan Stable Tank 1.0 MG Tank and Connecting Pipeline, WK-42, WK-32, WK-14 Date Issued: March 2009 Loan Amount: \$8,082,619.00 -\$7,274,997.83 Balance at 6/30/13 \$6,123,590.1	\$ 611,331	\$599,177	\$599,178	\$587,002
90. State Revolving Fund Loan Kaumuali'i Highway 12-inch Main Replacement, Elepaio Road to Huakai Road, Job No. 05-04, KW-27 Date Issued: August 2009 Loan Amount: \$4,933,117.00 -\$3,989,537.33 Balance at 6/30/13 \$3,401,724.59	\$ 333,773	\$327,272	\$327,272	\$320,751
91. State Revolving Loan Waha, Wawae and Niho Roads Main Replacement, Job No. 05-07, K-7, LO-13. Date Issued: August 2009 Loan Amount: \$2,118,618.00 \$1,936,018 Balance at 6/30/13 \$1,657,160.24	\$ 153,883.08	\$150,887	\$155,134	\$156,249

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
MAJOR EXPENDITURES
DEBT SERVICE REQUIREMENTS
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
92. DOW BOND, Series 2010A 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
94. State Revolving Fund Loan Kapilimao 0.5MG Tank Last Installment Due: January, 2030 Date Issued: January, 2011 Original Amount: \$1,720,255 , \$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	\$0	\$63,755	\$63,755	\$114,188
XX Provision for Additional Debt Service Requirement for projected SRF loan Reimbursement of \$ 5000000	\$ -	\$256,245		\$400,000
TOTAL DEBT SERVICE REQUIREMENTS:	\$ 6,432,865	\$ 6,546,192	\$ 6,313,801	\$ 8,580,515

04 Major Expenditures FYE 2014 V1

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
MATERIALS, SUPPLIES, & SERVICES				
21. Utilities	\$ 209,209	\$247,380	\$247,380	\$310,100
22. Postage and Printing	\$ 38,715	\$16,000	\$16,000	\$16,000
24. Office Equipment Maintenance	\$ 105,969	\$161,100	\$161,100	\$221,500
27. Contractual Services	\$ 138,374	\$69,200	\$69,200	\$70,000
34. Supplies - Office	\$ 32,695	\$35,000	\$35,000	\$36,000
TOTAL MATERIALS, SUPPLIES, & SERVICES:				
	\$ 524,962	\$528,680	\$528,680	\$653,600
INSURANCE				
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
TOTAL INSURANCE:				
	\$ 70,701	\$360,000	\$260,000	\$360,000
RETIREMENT SYSTEM CONTRIBUTION				
62. Retirement System - Employer's Share	\$ 614,965	\$844,605	\$805,253	\$905,729
63. FICA Taxes - Employer's Share	\$ 293,209	\$416,316	\$371,017	\$446,445
TOTAL RETIREMENT SYSTEM CONTRIBUTION:				
	\$ 908,174	\$1,260,922	\$1,176,270	\$1,352,174

05fixed charges FYE 2014 v1

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
EMPLOYEE'S HEALTH CONTRIBUTIONS				
64. Health, Dental, and Group Life	\$ 360,865	\$528,052	\$425,435	\$531,052
67. Health and Dental - Retirees	\$ 1,088,886	\$850,000	\$850,000	\$1,105,000
TOTAL EMPLOYEES' HEALTH CONTRIBUTIONS:	\$ 1,449,750	\$1,378,052	\$1,275,435	\$1,636,052
MISCELLANEOUS				
19. County Service Charge	\$ 1,147,741	\$1,467,126	\$1,467,126	\$1,630,230
TOTAL MISCELLANEOUS:	\$ 1,147,741	\$1,467,126	\$1,467,126	\$1,630,230
TOTAL DEPARTMENTAL FIXED CHARGES:	\$ 4,101,328	\$4,994,780	\$4,707,511	\$5,632,056

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
FIXED CHARGES
WATER UTILITY FUND**

21. UTILITIES			
ELECTRICITY:	Average KWH usage: Office & Shop	26,000	
	Microbiology Lab	8,500	
		TOTAL KWH USAGE:	34,500
	Rate per KWH	0.52	
		\$17,940	x 12 = \$215,280
TELEPHONE:	Telephone and long distance charges	\$840	
	Microlab Firealarm	\$125	
	Fax and A/P Transline	\$45	
	Fax and Administration	\$45	
	Microlab Elevator	\$45	
	Internet Connection	\$220	
	LAN Connection	\$105	
	Cellular Phone	\$1,500	
	Lavanet	\$260	
	Office Alarm Circuit	\$85	
	Frame Relay - Operations	\$105	
	Cable	\$360	
	Increase in Bandwidth (New)	\$4,167	
		\$7,902	x 12 = \$94,820
	TOTAL UTILITIES:		\$310,100

DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
FIXED CHARGES
WATER UTILITY FUND

22. POSTAGE AND PRINTING		
POSTAGE:	Departmental postage	\$7,000
PRINTING:	Copier Machine usage - Office/Administration/Operations/Fiscal	\$5,000
	Miscellaneous forms (letterheads, envelopes, booklet covers)	\$4,000
		<u> </u>
	TOTAL POSTAGE & PRINTING:	<u><u> </u></u> \$16,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
FIXED CHARGES
WATER UTILITY FUND**

24. OFFICE EQUIPMENT MAINTENANCE			
(Includes consolidation of all maintenance agreement and service office and equipment and allowance for repairs.)			
MAINTENANCE AGREEMENTS: <u>Office Equipment:</u>			
	Local Network	\$6,500	
	OCE Printer	\$5,000	
	HP Printers	\$3,500	
	Fortinet Firewall	\$5,000	
	Canon Scanner	\$1,500	
	Dell Kace	\$2,500	
	Postage Machine/Scale Feeder	\$5,000	
	Fax Machine - Administration	\$500	
	Connect Software- AMR (Badger Meter)	\$5,000	
		\$34,500	
MAINTENANCE AGREEMENTS: <u>Software:</u>			
	Ascent Capture	\$2,000	
	Symantec Anti-Virus Enterprise	\$7,000	
	ESRI	\$2,500	
	Backup Exec Essential	\$3,500	
	Great Plains	\$11,000	
	CITRIX (Go to Assist/Meeting)	\$2,000	
	XC2	\$1,200	
	M-Pet/MMIS	\$65,000	
	Maintenance/Troubleshooting Hours	\$50,000	
	Water CAD	\$6,800	
	Auto CAD	\$3,500	
	Go Exchange	\$3,500	
	Ipswitch	\$1,000	
	Busch Consulting - Block of Hours	\$12,000	
	VoIP Phone	\$10,000	
	TEAM	\$500	
	Office Watch - Metropolis	\$500	
		\$182,000	
ALLOWANCE FOR REPAIRS/REPLACEMENTS:			
(Provision set up in place of obtaining maintenance service for typewriters, calculators, printers, etc.)			\$5,000
TOTAL MAINTENANCE AGREEMENT AND ALLOWANCE FOR REPAIRS/REPLACEMENTS:			\$221,500

05fixed charges FYE 2014 v1

**DEPARTMENT OF WATER
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FISCAL YEAR
2013 - 2014
FIXED CHARGES
WATER UTILITY FUND**

27.	CONTRACTUAL SERVICES	
	License Fee Agreement - McBryde Trust	\$20,000
	Lease agreement with University of Hawaii - Puhi Well No. 3 site	\$1,000
	Lease agreement Kilauea Booster Pump	\$1,000
	One Call Center Public Utility Fees	\$2,000
	Fire and Burglar Alarm Service	\$8,000
	Air Conditioning Service	\$16,000
	Elevator Maintenance	\$3,000
	Microlab Inspection	\$7,000
	Solid Waste Disposal Services	\$5,000
	Kauai Fire Protection	\$2,000
	Miscellaneous Contractual Services	\$5,000
	TOTAL CONTRACTUAL SERVICES:	<u><u>\$70,000</u></u>
34.	SUPPLIES - OFFICES AND ENGINEERING	
	Copier Paper	\$9,000
	Office Supplies (pens, pencils, writing pads, binders, storage boxes, folders, notes pads, etc.)	\$16,000
	Freight	\$1,000
	Office and Desk Accessories	\$10,000
	TOTAL SUPPLIES - OFFICE AND ENGINEERING:	<u><u>\$36,000</u></u>

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

60. INSURANCE AND BONDS		
General, Excess, Liability/Property Insurance and Provision	\$200,000	
		\$200,000
<p>** A provision of \$100,000 each is provided annually to cover both premium and reserves for General Liability and Property Insurance; the Department of Water in conjunction with the County of Kaua'i is self-insured for liability and automobile insurance. Excess coverage after a certain limit is obtained.</p>		
60.1 SMALL CLAIMS		\$10,000
<p>Small claims fund per board Policy #25 authorizing the County Attorney to investigate, settle and pay all claims filed against the Board of Water Supply where such claims amount to \$10,000.</p>		
61. Workers' Compensation Insurance		
<p>In conjunction with the County of Kaua'i, the Department of Water is self-insured. A provision of \$150,000 is provided annually to cover excess workers compensation insurance claims and premiums.</p>		\$150,000

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
FIXED CHARGES
WATER UTILITY FUND**

62. RETIREMENT SYSTEM - EMPLOYER'S SHARE					
Includes costs of employer's share of contribution to the retirement system.				\$905,729	
Projected Gross Salaries				\$5,835,885	
Projected at projected rate				15.52%	
63. FICA TAXES - EMPLOYER'S SHARE					
Includes costs of employer's share of FICA Taxes				\$446,445	
Projected Gross Salaries				\$5,835,885	
FICA Rate:				7.65%	
64. HEALTH AND DENTAL					
Include costs of employer's share of contribution to the Health, Drug, Vision, and Adult Dental. Employer's share is 60% of the total health premiums. The employer pays for Group Life Insurance.					
	FAMILY	(No.)	SINGLE	(No.)	
MEDICAL & DRUG	\$700.00	(46)	\$227.00	(31)	\$470,844
VISION	\$9.00	(46)	\$4.00	(31)	\$6,456
ADULT DENTAL	\$77.00	(46)	\$19.00	(31)	\$49,572
GROUP LIFE INSURANCE			\$4.00	86	\$4,128
					\$526,872
				\$4,128	\$531,052

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

19. COUNTY SERVICE CHARGE

The County of Kauai is charged for fire hydrant services and acts as a contra for such costs of services rendered by other departments to the Department of Water.

2193 6" Hydrant @ \$720.00	\$1,578,960
41 4" Hydrant @ \$246.00	\$10,086
352 Standpipes @ \$117.00	\$41,184
	\$1,630,230
TOTAL FIRE HYDRANT SERVICE CHARGE:	\$1,630,230

67. HEALTH & LIFE INSURANCE - RETIREES AND OPEB

Employer pays full cost of health, dental, life insurance, and Medicare premium for retirees.

Health & Medicare Premiums, Life Insurance:

ARC - pay as you go (DOW Retirees) \$531,000

Other Postemployment Benefits (OPEB):

ARC - Unfunded Actuarial Accrued Liability (UAAL) \$574,000

TOTAL \$1,105,000

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

EXPENDITURE CLASSIFICATION	2011- 2012 ACTUAL	2012 -2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Administration (No. of Positions):	\$698,758 (11)	\$833,839 (16)	782,163 (14)	\$874,628 (16)
MATERIALS, SUPPLIES & SERVICES				
27. Contractual Services	\$34,125	\$120,000	\$20,000	\$60,000
28. Travel & Incidentals - Board	\$13,665	\$19,798	\$16,798	\$25,228
29. Travel & Incidentals - Staff	\$37,780	\$42,050	\$42,050	\$37,820
31. Board & Office Expense	\$21,400	\$18,500	\$18,500	\$20,000
33. In-Service Training & Development	\$43,132	\$90,600	\$80,600	\$83,650
35. Miscellaneous Expenses	\$14,623	\$20,000	\$20,000	\$20,000
36. Public Relations/Education	\$49,546	\$86,500	\$66,500	\$86,500
36.1 - Kauai Water Shed Alliance (new b-code - 27)	\$75,000		\$0	\$0
36.2 - Con 531, Limtiaco Co. Inc., PR Srvcs	\$41,140		\$0	\$0
37. Computer Support and Supplies	\$44,384	\$97,000	\$97,000	\$86,500
TOTAL MATERIALS, SUPPLIES AND SERVICES:	\$374,794	\$494,448	\$361,448	\$419,698

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

EXPENDITURE CLASSIFICATION	2011- 2012 ACTUAL	2012 -2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
FURNITURE & EQUIPMENT & VEHICLES				
103. Furniture and Equipment	\$180,173	\$308,700	\$200,000	\$738,000
106. Vehicle and Equipment	\$0	\$0	\$0	\$0
TOTAL FURNITURE & EQUIPMENT & VEHICLES:	\$180,173	\$308,700	\$200,000	\$738,000
TOTAL SALARIES, MATERIALS AND SERVICES:	\$1,253,726	\$1,636,987	\$1,343,611	\$2,032,326

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

15. SALARIES

No. of Positions	(15)	
Regular	\$671,327	
Overtime	\$23,000	
Temporary Assignment	\$2,000	
Student / Contract Hire (6)	\$36,000	
Same Day Per Diem	\$1,000	\$733,327
<hr/>		
Provision for Temporary / Vacant Positions/ Reallocations		
Civil Engineer VII (2350)	\$1	
Clerical Assistant (Community Relations)	\$1	
Clerk Typist (3 mos.)	\$7,209	
Secretary	\$35,064	
Reallocation - HR Coordinator (SR 18) - to Dept. HR Officer (SR 20)	\$4,020	
Reallocation - IT Specialist I (SR -20) to IT Specialist II (SR-22)	\$7,500	
Contract Hire - 3 months	\$12,000	\$65,795
<hr/>		
Provision for Vacant Positions (Unassigned)		
Computer Systems Support Technician	\$38,000	\$38,000
<hr/>		
Provision of 5% Contingency for Salary Increases		
	\$37,506	\$37,506
<hr/>		
TOTAL SALARIES:		\$874,628
<hr/> <hr/>		

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

27. CONTRACTUAL SERVICES	
Prior Year Appropriations:	
Special Counsel	\$50,000
 NEW REQUESTS:	
Legislative Liaison	\$10,000
	<hr style="width: 100%;"/> \$10,000
TOTAL CONTRACTUAL SERVICES:	<hr style="width: 100%;"/> \$60,000

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

28. TRAVEL - BOARD

1.	AWWA National Conference - (Boston) (6)		
	Per Diem: <u>\$1,015</u> per person x <u>6</u> =	\$6,090	
	Plane Fare: <u>\$1,500</u> per person x <u>6</u> =	\$8,998	\$15,088
2.	Various Business and Educational workshops and technical conferences and excess travel costs		\$5,200
3.	Mileage		\$300
4.	AWWA Hawai'i Conference - O'ahu (3)		
	Per Diem: <u>\$270</u> per person x <u>3</u> =	\$810	
	Plane Fare: <u>\$260</u> per person x <u>3</u> =	\$780	\$1,590
5.	HWWA Annual Conference - Maui (3)		
	Per Diem: <u>\$270</u> per person x <u>3</u> =	\$810	
	Plane Fare: <u>\$400</u> per person x <u>3</u> =	\$1,200	\$2,010
6.	Contingencies, Ground Transportation		\$1,000
TOTAL TRAVEL - BOARD:			\$25,228

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

29. TRAVEL - STAFF			
1.	AWWA National Conference - Boston (3)		
	Per Diem: \$1,015 per person x 3 =	\$3,045	
	Plane Fare: \$1,500 per person x 3 =	\$4,500	\$7,545
2.	National AWWA Membership Committee Meeting (2)		
	Per Diem: \$725 \$1,015	\$1,740	
	Plane Fare: \$1,500 per meeting x 2	\$3,000	\$4,740
3.	AWWA, HWWA Board and Committee Meetings/Legislative Meetings (8)		
	Plane Fare: \$400 per person x 8 =	\$3,200	\$3,200
4.	AWWA Hawai'i Conference - O'ahu (4)		
	Per Diem: \$270 per person x 4 =	\$1,100	
	Plane Fare: \$260 per person x 4 =	\$1,040	\$2,140
5.	HWWA Annual Conference - Maui		
	Per Diem: \$270 per person x 4 =	\$1,080	
	Plane Fare: \$400 per person x 4 =	\$1,600	\$2,680
6.	GFOA Annual Conference & Other Educational workshops		
	Per Diem: \$1,015 per person x 1 =	\$1,015	
	Plane Fare: \$1,500 per person x 1 =	\$1,500	\$2,515
7.	Conference Workshop & Various business workshops and technical conferences and other educational workshops and excess travel costs.		\$12,000
8.	Contingencies, Ground Transportation		\$3,000
TOTAL TRAVEL - STAFF:			\$37,820

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

31. BOARD & OFFICE EXPENSE			
Includes costs of meals, publications, advertising and other expenses not classified elsewhere.			
BOARD MEETINGS:	Lunch	\$3,000	
	Coffee, Soda, Pastries	\$1,000	\$4,000
OFFICE:			\$0
	Books and publications/Newspaper	\$4,000	
	Miscellaneous	\$6,000	
	Advertising	\$6,000	\$16,000
	TOTAL MISCELLANEOUS EXPENSE:		\$20,000
33. IN-SERVICE TRAINING & DEVELOPMENT			
Includes costs of registration fees for conferences, workshop, seminars and membership dues.			
REGISTRATION FEES:			
	AWWA - National (9)	\$7,650	
	AWWA - State (7)	\$1,700	
	HWWA - Annual (7)	\$1,700	
	GFOA	\$800	\$11,850
MEMBERSHIP DUES:	AWWA - Board Members (7)	\$1,200	
	AWWA - Department	\$3,200	
	AWWA - Research Foundation	\$10,800	
	GFOA	\$400	
	CAK - Contractors Association of Kauai	\$3,100	
	Hawaii Rural Water	\$6,500	
	American Metropolitan Water Agencies	\$0	
	Hawaii State Bar Association	\$600	\$25,800
HR DEVELOPMENT:	Employee Development & Rewards Program	\$6,000	
	Seminars and Workshop and Employee Training Programs (Including Safety)	\$40,000	\$46,000
	TOTAL IN-SERVICE TRAINING:		\$83,650

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

35. MISCELLANEOUS EXPENSES			
Reserve provision for extraordinary cost items in relation to Operating Expenditures.			\$20,000
36. PUBLIC RELATIONS			
Public relation programs, including cost of advertising, graphic services, printing of publications, brochures, materials and supplies for meetings and presentations.		\$25,000	
Water Conservation Program		\$24,000	
Public Education Services		\$10,000	
Water Conservation District (EWSWD)		\$7,500	
Project WET		\$20,000	\$86,500
	TOTAL PUBLIC RELATIONS:		\$86,500
37. COMPUTER SUPPORT AND SUPPLIES			
Computer support tools (equipment), computer supplies (software, diskettes, ribbons, color printer ink, etc)		\$50,000	
Annual Shipping Costs of Leased Computers		\$9,000	
Paper, toner, and developer for Oce Printer and HP Plotters		\$12,500	
IT Training		\$15,000	
	TOTAL COMPUTER SUPPORT AND SUPPLIES:		\$86,500

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

103. OFFICE FURNITURE AND EQUIPMENT

PRIOR YEAR APPROPRIATIONS:

\$0

PY APPROPRIATIONS - TOTAL

NEW REQUESTS:

IT Master Plan:

Implementation of New Document Imaging System	\$108,000	
Develop Web based GIS viewer and map layers	\$90,000	
Great Plains - Redevelop Chart of Accounts	\$250,000	
SCADA System Upgrade	\$175,000	
Web Monitoring Software	<u>\$10,000</u>	\$633,000
Kofax Capture & Oracle Upgrade	\$10,000	
Microfilm to Image Conversion	\$20,000	
AMR Laptop/Case Software	\$25,000	
Computer Leases	<u>\$50,000</u>	
		<u>\$105,000</u>
TOTAL OFFICE FURNITURE AND EQUIPMENT:		<u><u>\$738,000</u></u>

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

106. VEHICLES AND EQUIPMENT

NEW REQUESTS:

EQUIPMENT:

.

TOTAL VEHICLES AND EQUIPMENT: _____ \$0

0

Water Quality Division

Program Budget - FY 2013- 2014

Water Quality Division:

The Water Quality Laboratory was part of the Special Projects Division. It was recently reorganized into the Construction Management Division. Since the change, the Water Quality Laboratory became the Water Quality Division. The Water Quality Division oversees all the activities relating to meeting the requirements of the Environmental Protection Agency's Safe Drinking Water Act (SDWA). This includes both the microbial and chemical aspects of the regulation. The division also provides support to other divisions to insure the water is safe to drink. Also, the Water Quality Lab provides customer service in relation to water quality issues.

Program Description:

The Water Quality Division is responsible for all the activities that help insure that the water that The Kauai Department of Water (KDOW) provides to its customers meets all the requirements of the SDWA.

The Water Quality Lab also monitors source water quality which is also helpful to operations.

The Water Quality Lab handles water quality complaints

Special studies to support the development of projects like the surface water treatment plant are also the division's responsibility.

Program Projects:

1. Completed Phase 2-5 Chemical sampling for 2012.
2. Make up sampling for wells offline during 2012 will be schedule for this year (2013).
3. Disinfection By Product sampling is continuous.
4. Nitrate sampling is continuous.
5. Total Coliform Rule microbiological sampling is continuous.
6. Maintaining State certification to perform microbiological analysis in house is continuous.

7. Weekly monitoring of surface water zone of mixing is continuous.
8. Microbiological Monitoring of sources going on line after extended periods. As needed. Puh 4 was the most recent.
9. Sampling and analysis to determine baseline physical water quality of sources continuous.
10. Installation of new autoclave.
11. Worked with SDWB to get Safe Drinking Water Information System (SDWIS) operational. It allows our Lab to share data and plan sampling schedules.
12. Worked with SDWB to launch the Sample Reservation and Collection System (SCRS) which will allow the Lab to schedule sampling with the State Laboratory and follow sample processing.
13. Unregulated Contaminant Monitoring Rule #3 sampling will begin in November of 2013. Budgeted \$60,000.

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Water Quality (No. of Positions):		\$163,148 (3)	\$163,148 (3)	\$172,565 (3)
MATERIALS, SUPPLIES & SERVICES				
27. Contractual Services	\$0	\$0	\$0	\$2,000
38. Microlab Materials & Supplies	\$ 9,114	\$20,000	\$20,000	\$20,000
59. Safe Drinking Water Act Program	\$ 18,394	\$50,000	\$10,000	\$70,000
TOTAL MATERIALS, SUPPLIES AND SERVICES:	\$27,508	\$70,000	\$30,000	\$92,000
VEHICLE AND EQUIPMENT				
103. Furniture and Equipment	\$0			\$0
106. Vehicle		\$0	\$0	\$0
TOTAL VEHICLE AND EQUIPMENT:	\$0	\$0	\$0	\$0
TOTAL SALARIES, MATERIALS, SUPPLIES, SERVICES, VEHICLES, AND EQUIPMENT:	\$27,508	\$233,148	\$193,148	\$264,565

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

15. SALARIES			
No. of Positions		(3)	
Regular		\$161,148	
Overtime		\$2,000	
Temporary Assignment		\$1,000	
Same Day Per Diem		\$200	\$164,348
Provision of 5% Contingency for Salary Increases			\$8,217
	TOTAL SALARIES:		\$172,565
27. CONTRACTUAL SERVICES			
Autoclave Maintenance		\$ 2,000.00	\$2,000
ENCUMBRANCE:			
	TOTAL CONTRACTUAL SERVICES:		\$ 2,000.00

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

38. MICROLAB - MATERIALS AND SUPPLIES			
Materials and supplies to perform bacterial and chemical analysis and other laboratory operations.			\$20,000
59. SAFE DRINKING WATER ACT PROGRAM			
Unregulated Contaminant Monitoring Rule #3 (UCMR #3). Testing mandated by EPA every 5 years.	\$	60,000.00	
Compliance Monitoring	\$	10,000.00	\$70,000
103. OFFICE FURNITURE AND EQUIPMENT			
Prior Year Appropriations:			
.			
	PRIOR YEAR APPROPRIATIONS -TOTAL:		\$0
NEW REQUESTS:			
	TOTAL NEW REQUESTS:		\$0
	TOTAL OFFICE FURNITURE AND EQUIPMENT:		\$0

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

106. VEHICLES AND EQUIPMENT	
ENCUMBRANCES:	
TOTAL ENCUMBRANCES	<u>\$0</u>
TOTAL VEHICLES AND EQUIPMENT	<u>0</u>
 NEW REQUESTS:	
4 x 4 SUV	
TOTAL NEW REQUESTS	<u>\$0</u>
TOTAL VEHICLES AND EQUIPMENT	<u><u>\$0</u></u>

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Engineering Division (No. of Positions):	\$605,913 (14)	\$381,039 (5)	\$211,284 (5)	\$341,435 (5)
MATERIALS, SUPPLIES & SERVICES				
27. Contractual Services	\$0	\$0	\$0	\$0
TOTAL MATERIALS, SUPPLIES AND SERVICES:	\$0	\$0	\$0	\$0
VEHICLE AND EQUIPMENT				
103. Furniture and Equipment	\$0			\$0
106. Vehicle	\$30,540.63	\$0	\$0	\$0
TOTAL VEHICLE AND EQUIPMENT:	\$30,541	\$0	\$0	\$0
TOTAL SALARIES, MATERIALS, SUPPLIES, SERVICES, VEHICLES, AND EQUIPMENT:	\$636,453	\$381,039	\$211,284	\$341,435

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

15. SALARIES			
No. of Positions		(5)	
Regular		\$194,784	
Overtime		\$10,000	
Temporary Assignment		\$6,000	
Same Day Per Diem		\$500	\$211,284
<hr/>			
Provision for vacant positions (Position No.)			
Engineering			
Civil Engineer II (2458)		\$42,132	
Civil Engineer VI (2430)		\$71,760	\$113,892
<hr/>			
Provision of 5% Contingency for Salary Increases			\$16,259
TOTAL SALARIES:			\$341,435
<hr/>			
27. CONTRACTUAL SERVICES			
General Engineering Support Services		\$ -	
ENCUMBRANCE:			
TOTAL CONTRACTUAL SERVICES:			\$ -

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

103. OFFICE FURNITURE AND EQUIPMENT		
Prior Year Appropriations:		
.	PRIOR YEAR APPROPRIATIONS -TOTAL:	_____ \$0
NEW REQUESTS:		
	TOTAL NEW REQUESTS:	_____ \$0
	TOTAL OFFICE FURNITURE AND EQUIPMENT:	_____ \$0

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

106. VEHICLES AND EQUIPMENT

ENCUMBRANCES:

TOTAL ENCUMBRANCES **\$0**

TOTAL VEHICLES AND EQUIPMENT **0**

NEW REQUESTS:

TOTAL NEW REQUESTS **\$0**

TOTAL VEHICLES AND EQUIPMENT **\$0**

Construction Management Division

Program Budget - FY 2013- 2014

Construction Management Division:

The former Engineering Division which was comprised of the Special Projects Division and the Design and Construction Division was reorganized into the Construction Management and Engineering Division in August 2012. The Construction Management Division which is the former Special Project Division was responsible for the design, construction and inspection of water projects such as reservoirs, pumping facilities and pipelines by planning, contracting for design and conducting design review, preparing construction bid documents and subsequent construction management, and inspecting water system improvements funded by the Department as outlined in Water Plan 2020. The Design and Construction Division was responsible for the design review and construction inspection of water facilities by private parties for dedication to the Department. The former Engineering division was also responsible for the administration of the Department's laboratory and performing the water quality monitoring for our water systems.

The current Construction Management Division oversees the construction management and inspection of water projects such as reservoirs, pumping and treatment facilities, and pipelines by reviewing designs for constructability, preparing construction RFP documents, subsequent construction management, and inspecting water system improvements funded by the Department and those funded by private parties for dedication to the Department. The Construction Management Division also continues to oversee several Department funded design contracts such as the DOW Baseyard Facility Renovations and the Kahili Horizontal Directionally Drilled Well.

There were seven (7) permanent positions and (1) contract position budgeted for the Construction Management Division for FY 2012 – 2013. Of the seven positions, three positions are within the Project Management Series and four positions are within the Inspector Series. The division gained two staff members in the Inspection Section and one staff member in Project Management. There is one vacancy remaining in each of the Project Management and Inspection sections. The Division is also in need of a Construction Management clerk with the Engineering Program Assistant contract having expired. The DOW Construction Management division has had an extremely difficult time attracting and retaining qualified staff and continues to implement a plan to deal with the problem. The FY 2013-2014 budget requests reflect the efforts of the Construction Management Project Officer to lead a successful division. It will be vital that the Department have support in this process to attract and recruit staff in a timely manner.

Program Description:

The Construction Management Division administers all of the construction for Capital Improvement Projects (CIP) and Capital Rehabilitation and Replacement Projects (CRP/CRPL) and provides engineering and inspectional services to the Operations Division during emergencies.

The Construction Management Division administers construction contracts; evaluates the constructability of pipeline alignments and sites for water facilities; prepares plans and specifications and bid/RFP documents for new water facilities and implements and inspects Department's standards and policies. The Division performs all necessary construction plan review and construction inspection for Water Plan 2020 projects.

The Construction Management Division provides construction management to private developers who design and build water system improvements that will be dedicated to the County by performing construction inspection and reviewing and approving post-construction documents for water facilities that are being dedicated to the County.

Program Objectives:

1. Improve the water facilities infrastructure by constructing new well sources, storage tanks and waterlines through its Water Plan 2020 CIP Program as assigned.
2. Maintain and upgrade existing water facilities through the Water Plan 2020 CRP/CRPL Program as assigned.
3. Coordinate construction and integration of privately constructed water system improvements, as assigned, that are dedicated into the Department's system.
4. Provide construction, engineering design, and inspectional services to ensure the assigned construction of water facilities adhere to plans and specifications and the standards and policies of the Department.

Program Highlights:

1. The Construction Management Division created the template and successfully awarded "construction only" contracts via the

Request for Proposal Process.

2. During fiscal year 2012-2013, the Construction Management Division initiated the design and construction of several major capital improvements and rehabilitation projects as part of our overall effort to address capacity deficiencies and aging infrastructure issues in our water systems.

Final inspection was issued for the Vivian Heights 8-Inch and 6-Inch Main Replacement, Pipeline Replacement along Wailua, Ohana, Anolani and Kuamoo Roads, Waipouli Main Replacement (County Roads), Waimea Well A Renovations, and Nawiliwili, Niumalu and Kupolo Pipeline Replacements.

Construction continues on the Wainiha Booster Pump Stations and Haena Steel Tank Renovations, Rehabilitation of Eleele Twin 0.4 MG Steel Tanks, and Maka Ridge and Princeville Interconnection Renovations.

The Construction Management Division completed the design of Lihue Baseyard Improvements (Building Design), and Kahili Directionally Drilled Horizontal Well draft EIS.

The Department funded Design and Construction Contracts managed by the Construction Management Division total approximately \$30 million.

3. The Construction Management Division selected contractors via the newly created Request for Proposal process and started construction on the Wailua Houselots Main Replacement, Waipouli Main Replacement along Kuhio Highway, Pipeline Replacement along Waipouli Road and Olohena Road, and Wainiha Well #4 projects. To date the Request for Proposal process has been a success and all future construction projects are intended to be procured by this method and not necessarily the lowest offeror will be chosen for construction.

Design is proceeding and/or continues for the Kahili Directional Drilled Horizontal Well, which could be the largest and most beneficial project in the history of the Kauai Department of Water should the final EIS be approved and design/construction proceed on one of the alternatives within it.

4. The Construction Management Division managed construction and inspected construction of various private developer water projects. Majority of time has been spent on individual laterals since the private sector development continues to be slow as compared to the Department funded projects that were initiated by current Construction Management Division staff while in the Special Projects Division. Private projects are in design and are expected to increase during the next fiscal year.

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Construction Management Division (No. of Positions):		\$348,364 (7)	\$306,936 (5)	\$511,938 (7)
MATERIALS, SUPPLIES & SERVICES				
27. Contractual Services	\$0	\$0	\$0	\$0
TOTAL MATERIALS, SUPPLIES AND SERVICES:				
	\$0	\$0	\$0	\$0
VEHICLE AND EQUIPMENT				
103. Furniture and Equipment	\$0	\$15,200	\$15,200	\$15,000
106. Vehicle	\$30,540.63	\$0	\$0	\$40,000
TOTAL VEHICLE AND EQUIPMENT:				
	\$30,541	\$15,200	\$15,200	\$55,000
TOTAL SALARIES, MATERIALS, SUPPLIES, SERVICES, VEHICLES, AND EQUIPMENT:				
	\$30,541	\$363,564	\$322,136	\$566,938

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

15. SALARIES			
No. of Positions		(7)	
Regular		\$265,896	
Overtime		\$30,000	
Temporary Assignment		\$10,000	
Same Day Per Diem		\$500	
		\$306,396	\$306,396
Provision for vacant positions (Position No.)			
Construction Management			
Waterworks Project Manager (2351)		\$73,044	
Waterworks Inspector II (2483)		\$39,480	
Allowance for Reallocation - Waterworks Construction Manager (SR24) to Principal Construction Manager (SR 26)		\$9,084	
Allowance for Reallocation - Project Assistant (SR18) to Project Manager (SR 22)		\$28,500	
Allowance for Reallocation - WW Inspector (SR 21 to SR 24 maximum)		\$34,488	
		\$184,596	\$184,596
Provision of 5% Contingency for Salary Increases			\$20,946
TOTAL SALARIES:			\$511,938
27. CONTRACTUAL SERVICES			
General Engineering Support Services		\$ -	
ENCUMBRANCE:			
TOTAL CONTRACTUAL SERVICES:			\$ -

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

103. OFFICE FURNITURE AND EQUIPMENT

Prior Year Appropriations:

NEW REQUESTS:

4 Laptop Computers

PRIOR YEAR APPROPRIATIONS -TOTAL: _____ **\$0**

\$15,000

TOTAL NEW REQUESTS: _____ **\$15,000**

TOTAL OFFICE FURNITURE AND EQUIPMENT: _____ **\$15,000**

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

106. VEHICLES AND EQUIPMENT	
ENCUMBRANCES:	
TOTAL ENCUMBRANCES	<u>\$0</u>
TOTAL VEHICLES AND EQUIPMENT	<u>0</u>
 NEW REQUESTS:	
4 x 4 SUV	\$40,000
TOTAL NEW REQUESTS	<u>\$40,000</u>
TOTAL VEHICLES AND EQUIPMENT	<u><u>\$40,000</u></u>

WATER RESOURCES AND PLANNING DIVISION

Program Budget – FY 2013-2014

Program Description

The Water Resources and Planning Division is responsible for the review and planning of water systems of proposed developments to assure compatibility with the Department's water general plan. The program provides long-range planning and research and conducts analytical studies to meet the water needs of Kauai; maintains the engineering records; and provide mapping/drafting services for the Department.

Program Objectives:

1. To conduct the review and planning of water systems of proposed developments to assure compatibility with the Department's water general plan including the review of subdivision, zoning, land use and general plan amendments, building permit and water service requests.
2. To conduct investigations to obtain and analyze data to determine capabilities of existing water sources.
3. To conduct long-range planning and research and make analytical studies of water consumption and maximum demand to meet the water needs of Kauai.
4. To determine hydraulic criteria for reservoirs, pumping stations and water mains, and evaluate and develop water network requirements,
5. Prepare population projections and estimates for future water use.
6. Conduct investigation for the development of potential sources.
7. Conduct and/or administer studies relating to the protection of water sheds and water resources.
8. Maintain maps and records of all water facilities.

Program Highlights

For fiscal year 2012-2013 the division reviewed and processed applications for subdivisions zoning, use permits, additional dwellings (ADUs), building permits and requests for water services. The division plans to complete revisions to the draft conservation plan in FY13-14. During FY12-13 the division assisted the consultant in the preparation and review of water master plans for several large developments located in east and south Kaua'i. The division assisted the Public Relations section in several annual water conservation projects including public media campaign, and other public education events. The division assisted with the Department's Project WET program which included teacher education activities and the Department's annual Make A Splash Festival that invites students and teachers to the all-day event to learn about water through fun, hands-on activities.

The division administered the Department's security program including vulnerability assessments, emergency response plan, and other security projects during FY12-13. The division completed a update of the Water Plan 2020 project listing. The update that was mandated by the Board reviewed and revised all project costs to 2010 dollars and completed a project prioritization update. The division participated in the preparation of the on-going Department Needs Assessment and Facilities Reserve Charge study. During FY12-13, the division assisted in the preparation, review and adoption of the 2012 Department Rate Study and rule amendment. The division is assisting the Department in the preparation of amendments to the Rules & Regulations to address proposed changes in the Facilities Reserve Charge and water service and subdivision approval process. The division continued to assist other divisions regarding CIP implementation of Water Plan 2020 Projects. The division also coordinated and assisted the USGS with various joint funded projects that included ground water data collection for Lihue, Kauai. The division continued to administer the two-year University of Hawaii "Projecting Future Rainfall Variations for Kauai" study that was started during FY 11-12.

The division accelerated the conversion of the Department's map file system from a manual system to a digital format that will be incorporated into a Department based GIS system. Update of the Department hydraulic system models was also initiated. Digital scanning of maps and other records onto the Department's intranet computer system was conducted by WR/P staff.

The Kauai Water Use and Development Plan Update was assigned to the division. The contract start was issued in FY 11-12. Division continued to administer the project during FY 12-13.

The division assisted the Customer Service Branch with new service applications and provided support to the administration, operations, fiscal and engineering divisions. The division is supporting the switch over of the Department's XC2 Backflow Prevention testing and registration program to the Honolulu Board of Water Supply's new "Customer Care and Billing" computer billing, accounting and information System.

The division developed several Standard Operating Procedures and policies regarding water meter restrictions, additional dwelling unit meter installation, private well water system development, boundary adjustment and fire protection issues.

During FY 12-13, The division participated in outside programs that included the Kauai Watershed Alliance, the Kauai Energy Utility Council, the Kauai Drought Committee and several community watershed councils. The division administered the Department of Water Grant to the Kauai Watershed Alliance through its coordinator, The Nature Conservancy during FY12-13. The division participated in the County Kapaa Development Plan Citizens Advisory Committee meetings. The division assisted in conducting various briefings and presentations to the Kaua'i County Council, and other public groups. The division participated in several building code task force meetings with the Building Division of the Department of Public Works Department to update and review building code and building permit procedures. The division participated in meetings for the implementation of new County "ePlan" building permit application program (paperless review) and will be working with the County Information Technology division and the Building Division during the implementation phase.

The division represents the Department at the County's Affordable Housing Task Force (AHTF) meetings that are conducted on a monthly basis. The AHTF continues to facilitate the development and approval of approximately seven affordable housing projects on the island. The AHTF is also responsible for the development of affordable County rental projects on six State land parcels located in Kekaha and Kapaa and the County's Lima Ola affordable housing master plan development in Eleele.

During FY12-13 the division continued to expand the Department's cross connection and backflow prevention program. The division continues to review and approve backflow device plans and conducts the annual field testing program. The division participated in the adoption of Department rule amendment that will require backflow preventers for consumers who qualify for the Department's agricultural rate. The division anticipates a increased volume of backflow preventer installations during FY 13-14 that will be based on the new Department Rule Amendment that requires backflow preventer installation of all agricultural rate consumers.

The filling of the recently vacated engineer position is a primary division objective during FY 13-14.

PROGRAM MEASURES	FY 2011-12 (actual)	FY 2012-13 (estimate)	FY 2013-14 (estimated)
1. Processed subdivision applications, zoning/use permits, land use/general plan amendment, ADU clearance applications	155	160	160130
2. Processed water service inquires, meter requests	308	320	320
3. Processed building permits	851	850	850
4. Reviewed Backflow Device Plans	47	50	50
5. Back Flow Inspection Program – No. of Devices	1341	1375	1400
6. GIS mapping & Hydraulic Model Update Project	On-going	on-going -	on-going
7. Water 2020 Plan (2010 Projects Update)	complete		
8. CIP projects (complete design)	-	-	
9. Water system study contract (complete) UH Rainfall Study	-	on-going	on-going
	-	-	
10. USGS Groundwater Monitoring Program	on-going	on-going	on-going
11. USGS Lihue Lowering Well Level Study	complete-		
12. Kauai Water Use and Development Plan Update (Start)	-	start	on-going
13. New Engineer Position	-	On-going	on-going

Summary Notes: Annual Operating and Capital Improvement Budget, Fiscal Year 2012-2013, **Water Resources and Planning**

08 WRPPProgramBudgetFY2013-2014

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

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Water Resources & Planning (No. of Positions):	\$352,847 (5)	\$410,996 (6)	\$373,128 (6)	\$437,262 (6)
MATERIALS, SUPPLIES & SERVICES				
27. Contractual Services	\$98,540	\$68,650	\$0	\$320,000
27.3 - Kauai Water Shed Alliance (tab 11)		\$150,000	\$150,000	
27.5 - USGS (tab 11)		\$31,350	\$31,350	
27.6 - UH Rainful Study (tab 11)		\$75,000	\$75,000	
TOTAL MATERIALS, SUPPLIES AND SERVICES:	\$98,540	\$325,000	\$256,350	\$320,000
VEHICLE AND EQUIPMENT				
103. Furniture and Equipment	\$0	\$1	\$0	\$0
106. Vehicle and Equipment	\$0	\$0	\$0	\$0
TOTAL VEHICLE AND EQUIPMENT:	\$0	\$1	\$0	\$0
TOTAL SALARIES, MATERIALS, SUPPLIES,	\$451,387	\$735,997	\$629,478	\$757,262

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

15. SALARIES			
No. of Positions		(6)	
Regular		\$349,128	
Overtime		\$12,000	
Temporary Assignment		\$3,000	
Same Day Per Diem		\$1,000	
		\$365,128	\$365,128
Provision for Vacant Position: Civil Engineer III (2360)		\$51,312	
			\$51,312
Provision of 5% Contingency for Salary Increases			\$20,822
			\$20,822
	TOTAL SALARIES:		\$437,262

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
WATER RESOURCES AND PLANNING DIVISION
WATER UTILITY FUND**

27. CONTRACTUAL SERVICES		
Prior Year Appropriations:		
TOTAL ENCUMBRANCES:		\$0
NEW REQUEST:		
Maintenance and Support of the Hydraulic Model	\$50,000	
USGS Joint Funding Agreement (10/1/13 - 9/30/14)	\$45,000	
GIS Implementation Support (additional)	\$75,000	
Kauai Water Shed Alliance	\$150,000	
TOTAL NEW REQUEST		\$320,000
TOTAL CONTRACTUAL SERVICES:		\$320,000
103. OFFICE FURNITURE AND EQUIPMENT		
NEW REQUESTS:		
TOTAL VEHICLES AND EQUIPMENT		\$0
106. VEHICLES AND EQUIPMENT		
NEW REQUESTS:		
TOTAL VEHICLES AND EQUIPMENT		\$0

FISCAL DIVISION

Program Budget – FY 2013-2014

Program Description

The Fiscal Division is responsible for administering the general and customer fiscal programs of the Department; including: cash management, cost accounting, payroll, leave records, accounts payable, utility plant accounting, meter reading, consumer billing and accounting and; preparation of financial and statistical reports; conduct internal audits and financial and statistical studies of the Department for reports and rate making; and assisting the Manager in the development of the annual budget.

Program Objectives:

Administration

1. To preserve the financial integrity of the Department through internal control and annual financial audits.
2. To generate a return of investments and to insure deposits with financial institutions are fully collateralized.
3. Ensuring the availability of funds to meet cash flow requirements.

Accounting

1. To provide accurate, complete, and timely recording and reporting of the financial transactions and activities of the Department.
2. To process the Department's payroll in a timely manner.
3. To process accounts payable and issue payments in a timely and efficient manner.
4. Accountability of the Utility Plant Assets and Property.

Consumer Service

1. To provide timely billing, collection, accounting and depositing of water bills and jobbing invoices.
2. Process meter applications and new services.
3. Service customers through inquires on billing, payment and collection matters.
4. Maintain records of accounts receivable.

Program Highlights

PROGRAMS MEASURES	FY 2012 (actual)	FY 2013 (estimate)	FY 2014 (estimate)
1. Annual Financial Audit	Yes	Yes	Yes
2. Return on Investments	1.25%	.750%	.750%
3. Water billings (No. of bills issued)	126,892	187,018	127,200
4. New Meter applications	230	289	300
5. Accounts payable transaction	4,263	4,500	4,600
6. Payroll checks	1,863	1,870	1,890
7. Payroll processed in work days	6	6	6

The Department has implemented the 1st two years of a four year water rate increase developed from the water rate study through a retained Consultant who conducted the Financial Management, Planning and Water Rate Analysis. The water rate study as approved proposed another increase in July, 2013. Effective date for this 3rd increase as proposed in the FY 2013-2014 budget maybe changed after review and further discussion by the board. Water Rate increase effective dates approved: January 1, 2012, July 1, 2012, 2013 and 2014.

The Department is working with the same Consultant in the conduct of an FRC aka WSDF Study. The WSDF is intended to recover a proportional share of the cost of facilities necessary to provide water system capacity to new developments. The last update to the (FRC) WSDF rates was in 2004. A draft on the WSDF study has been provided. Community meetings are ongoing, and public hearings are forthcoming. It is anticipated to be finalized in early part of FY 2014.

Accounting System:

- Accounting uses Great Plains Financial System to process and maintain our general ledger. The use of this computerized program which started in FY 2002 was implemented in three modules; general ledger, accounts payable and fixed assets.

- Payroll is processed twice a month through the County's AS 400 payroll system. We adhere to the County's payroll deadline to meet their closing requirements.
- Labor (LD) and Equipment (ED) distribution entries and reporting transitioned from the use of a "dos version" program to an existing MPET data base program, a program of which operations division already use. In collaboration with the Operations' Staff, we were able to eliminate duplication of data entries. This process required 100% use of MPET for the Operations' timesheet. Data produced from the MPET timesheet are used to process payroll and the LD.
- The recent audit of the DOW's Financial Statements by KMH identified a material weakness for Inadequate Use of Accounting Software as there are too many general ledger accounts; reports not designed to allow for regular financial reporting and significant amount of processing done outside of system – CWIP.
- A contract has been awarded to a Consultant to do an IT Strategic Planning, Review & Study. A recommended plan and implementation schedule was provided.
- The FY 2013 appropriations of \$50,000 for Phase III, Project Accounting and \$150,000 Accounting software package is anticipated to be encumbered this year for implementation of the "chart of accounts review" as part of the IT recommendation.
- One year left (FY 2014 budget) in our contract with KMH, LLP. The Department will be soliciting for professional services - on Audit.
- There were two positions created; Procurement & Specifications Specialist IV & Meter Reader/Field Collections Supervisor. The Meter Reader/Field Collections was later reallocated to Accountant II.
- Constant vacancies occurred in Accounting for FY 2013. To date, Accountant I is vacant .

Consumer Service:

- DOW water bills are generated through the Honolulu Board of Water Supply (HBWS). With their conversion from CAS billing to CC&B, DOW was greatly involved in the conversion process.
- CAS billing conversion to CC&B went live on January 22, 2013. Spearheaded by IT and Billing, conversion issues were minimal. The project team went through a lot of training and testing sessions.
- The use of CC&B now allows us to bill monthly. Monthly meter reading and billing is now in full force.
- Volume of transactions increased tremendously while vacancies remain unfilled. Positions as approved in the Billing reorganization were submitted to the County Personnel but the review process is causing the delay in filling up these vacancies.
- Reviewing options for lock box, e-bill presentment and accepting use of credit card as payments for water bills.

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ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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2013 - 2014
FISCAL DIVISION
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Fiscal Division	\$801,250	\$905,578	\$905,578	\$954,070
(No. of Positions):	(17)	(19)	(17)	(19)
MATERIALS, SUPPLIES & SERVICES				
22. Postage	\$55,102	\$125,000	\$125,000	\$125,000
27. Contractual Services	\$81,035	\$163,000	\$113,000	\$65,000
30. Billing & Collection	\$0			155,000
32. Auditing Fees	\$66,000	\$76,000	\$70,000	\$80,000
34. Supplies	\$5,305	\$10,000	\$10,000	\$10,000
TOTAL MATERIALS, SUPPLIES AND SERVICES:	\$207,442	\$374,000	\$318,000	\$435,000
FURNITURE, VEHICLE AND EQUIPMENT				
103. Furniture and Equipment	\$0	\$268,000	\$98,000	\$102,000
103-XX IT Implem. - Chart of Accts (tab 11)		(\$150,000)		
106. Vehicle	\$72,000	\$0	\$0	\$0
TOTAL FURNITURE, VEHICLE AND EQUIPMENT:	\$72,000	\$118,000	\$98,000	\$102,000
TOTAL SALARIES, MATERIALS, SUPPLIES,	\$1,080,691	\$1,397,578	\$1,321,578	\$1,491,070

**DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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FISCAL DIVISION
WATER UTILITY FUND**

15. SALARIES			
No. of Positions		(19)	
Regular		\$756,264	
Overtime		\$52,000	
Temporary Assignment		\$20,000	
Same Day Per Diem		\$1,000	
		\$829,264	\$829,264
Provision for Proposed Vacant Position, Unassigned			
Procurement Specialist II (9 mos.)		\$34,182	
Accountant II (9 mos.)		\$31,599	
Allow. for Reallocation - Accountant I (SR 18) to Accountant II (SR 20)		\$3,144	
Temporary Hire (6 mos.)		\$14,418	
		\$83,343	\$83,343
Provision of 5% Contingency for Salary Increases			\$41,463
TOTAL SALARIES:			\$954,070

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

22.	POSTAGE		
	POSTAGE:	Mailing of Water Bills/Notices	\$120,000
	PRINTING:	Division	<u>\$5,000</u>
	TOTAL POSTAGE & PRINTING:		<u>\$125,000</u>
27.	CONTRACTUAL SERVICES		
	RECURRING:		
	Bond Administration Fees		\$15,000
	OPEB Actuarial Valuation Study		\$6,000
	Armored Car Service		\$9,000
			\$30,000
	Prior Year Appropriations:		
	Financial Management Planning & Rate Analysis (Additional)(see TAB 11, encum.)		\$35,000
	IT Strategic Plan & Study (Tab 11)		<u>\$0</u>
			\$35,000
	TOTAL CONTRACTUAL SERVICES:		<u>\$65,000</u>
30.	BILLING & COLLECTION		
	HBWS - Bill processing fee (moved fr 27)		\$104,000
	Lock Box Service		\$24,000
	E-bill services		\$12,000
	Bank Service Fees		\$15,000
	TOTAL BILLING & COLLECTION		<u>\$ 155,000</u>

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

32.	AUDITING SERVICES		
	Annual Audit required by County Charter		
	Financial Audit	\$53,000	
	Single Audit	\$17,000	
	Provision for additional GASB Requirements	\$10,000	
		\$80,000	\$80,000
	TOTAL AUDITING SERVICES:		
34.	SUPPLIES		
	Janitorial Supplies (paper towels, tissues, trash bags, disinfectants, accessories, etc,)	\$6,000	
	Billing System Materials, Ledgers, vouchers, worksheets, adding machine tapes and meter reader materials, A/P checks	\$4,000	
		\$10,000	\$10,000
	TOTAL SUPPLIES:		
103.	OFFICE FURNITURE AND EQUIPMENT		
	Prior Year Appropriations:		
	Implementation of a computerized billing and accounting system (for system upgrades, enhancements, customization, and Phase III - Project Accounting)	\$50,000	
	LOIHI-MPET Interface	\$20,000	
	Accounting Software Package	\$0	
		\$70,000	
	TOTAL ENCUMBRANCES		
	NEW REQUESTS:		
	Copier Leases	\$32,000	
		\$32,000	
	TOTAL NEW REQUESTS		
		\$102,000	\$102,000
	TOTAL OFFICE FURNITURE AND EQUIPMENT		

DEPARTMENT OF WATER
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106.	VEHICLES AND EQUIPMENT	
	ENCUMBRANCES:	\$0
	TOTAL NEW REQUESTS	<u>\$0</u>
	TOTAL VEHICLES AND EQUIPMENT	
	NEW REQUESTS:	
	TOTAL NEW REQUESTS	<u>\$0</u>
	TOTAL VEHICLES AND EQUIPMENT	<u><u>\$0</u></u>

Operations Division

Program Budget – FY2013 - 2014

PROGRAM DESCRIPTION

The Operations Division is responsible for maintaining and operating the Department's water distribution network, water storage facilities and water producing sources. This infrastructure provides potable water to approximately 20,000 metered services in sufficient quantities, at adequate pressures, with minimum interruptions and of a quality safe and suitable for human consumption as mandated by the United States Environmental Protection Agency (USEPA) and the Safe Drinking Water Act (SDWA).

As water is an essential commodity, emergency repairs and trouble calls are provided round-the-clock on an as-needed basis. In order to accomplish its mission, the Operations' Division maintains and stocks a complete inventory of materials and supplies for assurances that repairs are completed in a timely manner. This Division handles the smaller construction projects and participates in large pipeline installation projects. It also initiates field engineering to ensure efficient operations. Along with the responsibilities of providing potable water, it provides the Department's fleet management functions and is responsible with the maintenance, repairs and replacement of vehicles and equipment.

Under the direction of the Chief of Operations, the Division consists of the Plant Operations Section and the Field Operations Section. There are 48 permanent positions and 1 temporary as needed position for the Division.

PROGRAM OBJECTIVES

Our daily activities are centered along the following:

1. Operating, monitoring, and maintaining 53 deep well pumping stations, 19 booster pumping stations along with its associated electrical motor control centers and chlorination disinfection equipment, 4 tunnel sources, 62 storage tanks, 75 control valve stations,

2. Maintaining, repairing, and replacing mechanical and electrical malfunctioning components, equipment and infrastructure to maintain water service.
3. Maintaining and repairing the Department's 49 vehicles, 1 electric car, 1 mini-excavator, 2 backhoes, 4 skid steer loaders along with their various attachments, 1 portable air compressor, 11 trailers, 17 trailer-mounted generators ranging in sizes from 70 KW to 400 KW, 2 light towers, 2 directional arrow boards and numerous motorized hand-operated construction equipment.
4. Operating, monitoring, repairing and maintaining 400+ miles of pipelines and approximately 20,000+ consumer water service connections and meters, 4,000+ valves, 2,645 fire hydrants and standpipes.
5. Installing new service connections and meters including the replacement of defective meters and those in service for 20 years. Providing temporary water services through hydrant meter connections for construction activities like dust control and landscaping.

Besides our daily activities, some of the major occurrences and tasks performed by the Operations Division during FY 2012-2013 were:

Personnel

- The following vacant positions were filled in FY 2012-2013: (2) Pipefitter Helpers, (1) Plant Electrician, (2) Pipefitters.
- One (1) Ops personnel took and passed the Water Treatment Plant Operator (WTPO) II exam.
- Four (4) Ops personnel took and passed the Water Treatment Plant Operator (WTPO) I exam.
- One (1) Ops personnel took and passed the Distribution System Operator III exam.
- Two (2) Ops personnel took and passed the Certification Exam for Commercial Applicators of Restricted Pesticides (Chlorine)
- The Power Generator Repairer was reallocated to Heavy Vehicle and Equipment Mechanic I.
- The Assistant Chief of Operations position was reinstated.
- New positions for the Assistant Water Plant Operator and Waterworks Electronics/Plant Electrical Tradesperson I are on continuous recruitment.

Source and Storage

- Our Water Plant Operators are continuing to convert existing gas chlorination disinfection systems to liquid sodium hypochlorite disinfection systems. A total of nine (9) sites were converted this past fiscal year. To date, a total of thirty three (33) sites have been converted.
- Sanitary Surveys were conducted by the Department of Health in the Waimea-Kekaha and Kilauea-Hanalei sub-systems. Immediate repairs were made to sites that were inspected where significant deficiencies were noted.
- Per an order from the feds and in support of the effort to save the shearwater birds, we turned off all exterior lights at Department facilities islandwide and completed an inventory of Department exterior light fixtures.
- Crews mobilized to protect remote DOW facilities affected by the Kekaha brushfires.
- Ops crews worked with Special Projects on the rehabilitation of the twin Eleele Steel Tanks project, rehabilitation of the Haena Tank, and rehabilitation of Waimea Well A.
- OPS is currently in charge of Hanamaulu Well #3 additional drilling, Kalaheo Deep Well soft starter installation, and Kalepa BPV electrical replacement projects.
- Puhi Well #4 pump replacement project is complete.
- Demolition of Nursery Tank is complete. 6 temporary steel tanks that were used Haena are in place and are in service.
- OPS Division is purchasing thirteen (13) premium efficiency motors to replace old motors as part of our energy efficiency initiative to reduce energy consumption.

Distribution

- The Ops crews completed partial replacement of 12” Asbestos Concrete transmission line in Hanapepe Valley.
- For the past year, distribution system operators responded to 562 emergency calls reporting pipeline leaks.
- Operations Division crews responded to 277 Hawaii One Call Center requests from contractors and developers for water line location markings.
- Crews replaced 71 meter boxes.
- A total of 475 defective and new water meters were replaced and installed.
- A total of 22 live taps were performed.
- A total of 5 service laterals were installed or relocated.

- On 31 occasions, OPS crew assisted WP2020 contractors by operating valves and flushing mainlines overnight after the contractor tied-in the new line to the existing line.
- Operations Division personnel is replacing the PVC mainline on Uilani Place and Polani Place, Wailua Homesteads
- A total of 28 temporary hydrant meter applications were processed and installed.

Ops Inventory, Warehouse and Baseyard Area

- Old vehicles and equipment were auctioned.
- The City and County of Honolulu transferred ownership of a used vector truck to the Department of Water.
- The Department's baseyard parking stalls were repainted and numbered. An updated parking stall assignment was completed and distributed to all Department staff.
- Work on base yard fencing continues.
- Work on the new automatic gate continues.

GOALS FOR THE 2013-2014 FISCAL YEAR

1. Continue with the progress and momentum of the Operations reorganization effort. Recruit to fill vacant positions that were approved in the reorg plan. Priority will be placed on recruiting for the Assistant Chief of Operations, Heavy Vehicle and Equipment Mechanic, Telecom Technician, Assistant Water Plant Operator and the Water Plant Operator II positions.
2. Continue with progress made in converting from paper to electronic timesheets and have all Ops personnel on electronic timesheets by the end of the fiscal year. Continue to work with our CMMS consultant to institute "timesheets on the fly" that will enable employees to enter timesheet data in the field on mobile computers and link directly into an MPET data base in the "cloud."
3. Continue with the progress made in reminding employees to follow chain of command.
4. Continue with the progress made in reducing early morning inefficiencies in preparing timesheets and dispatching job assignments. Get the crews on the road without delay.
5. Continue and speed targeted pipeline and service lateral replacements.
6. Continue converting disinfection from gas chlorination systems to sodium hypochlorite.
7. Review and update the Department's Safety Program. Implement in daily operations.
8. Upgrade the SCADA system server and software upgrade.
9. Replace old pump motors with premium efficiency motors to reduce energy consumption.

10. Continue in-house projects of replacing transmission and main lines that are prone to breakage.
11. Continue in-house construction projects related to repair and maintenance of structures and infrastructure located within Department of Water remote sites.
12. Continue with the progress made in quickly responding to trouble and/or emergency calls. For the past year, Operations Division responded to 562 emergency calls from the public reporting leaks.

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OPERATIONS DIVISION
WATER UTILITY FUND

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
SALARIES				
15. Salaries - Operations Division (No. of Positions):	\$1,907,863 (35)	\$2,399,081 (42)	\$2,080,000 (37)	\$2,543,986 (43)
MATERIALS, SUPPLIES AND SERVICES				
40. Vehicle - Material and 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
43.1 - Electrical Parts	\$ 20,000	\$34,000	\$34,000	\$41,000
44. Miscellaneous	\$ 510	\$5,000	\$5,000	\$5,000
44.1- Miscellaneous - Tapping Team		\$8,000	\$0	\$8,000
44.2 - Miscellaneous - Drought Mitigation (tab 11)	\$ 64,532		\$0	\$0
45. Contractual Services	\$ 101,221	\$100,000	\$100,000	\$135,000
45.1 - Con 540 Fluid IQS, LLC, Scada Maint. (tab 11)		\$100,000		
47. Materials and Supplies	\$ 189,258	\$404,000	\$304,000	\$404,000
48. Safety Equipment	\$ 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	\$ -	\$0	\$0	
TOTAL MATERIALS, SUPPLIES, AND SERVICES:	\$ 5,451,897	\$ 6,321,826	\$ 5,872,000	\$ 6,675,776

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FISCAL YEAR
2013 - 2014
OPERATIONS DIVISION
WATER UTILITY FUND**

EXPENDITURE CLASSIFICATION	2011 - 2012 ACTUAL	2012 - 2013		2013 - 2014 PROPOSED
		BUDGET	ESTIMATED	
PROPERTY AND SUPPLY				
102. Miscellaneous - Other Capital Expenditures	\$354,902	\$975,000	\$775,000	\$360,000
107. Purchase of Meters and Meter Boxes	\$50,975	\$129,000	\$129,000	\$102,500
TOTAL PROPERTY AND SUPPLY:	\$405,877	\$1,104,000	\$904,000	\$462,500
VEHICLE AND EQUIPMENT				
106. Vehicle and Equipment	248,958	\$212,000	\$212,000	\$350,000
TOTAL VEHICLE AND EQUIPMENT:	\$248,958	\$212,000	\$212,000	\$350,000
TOTAL SALARIES, MATERIALS, SUPPLIES, SERVICES, PROPERTY, SUPPLY, VEHICLE, EQUIPMENT AND CONTRACTED CAPITAL EXPENDITURES-OTHER:	\$8,014,595	\$10,036,907	\$9,068,000	\$10,032,262

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15. SALARIES			
No. of Positions		(43)	
Regular		\$1,614,504	
Overtime		\$250,000	
Temporary Assignment		\$110,000	
Standby		\$104,500	
Same Day Per Diem		\$1,000	
		\$2,080,004	\$2,080,004
Provision for Vacant Positions (Position No.)			
Assistant Chief of Operations (2400)	\$65,088		
Waterworks Electronics/Plant Electrical Tradeperson I (2311) (6 mos.)	\$27,780		
Lead Pipefitter (2481)	\$47,268		
Utility Worker I (2438)	\$36,960		
Assistant Water Plant Operator (2312) (6 mos.)	\$18,480		
Water Service Investigator II /(III)(2486)	\$45,040		
Welder (2441) (6 mos.)	\$22,272		
Water Plant Operator II (2496) (<i>Treatment Plant Operator</i>)	\$50,856		
Heavy Equipment Vehicle Mechanic I (2469)	\$46,236		
SUB-TOTAL VACANT POSITION (ASSIGNED):	\$359,980		
Repair Shop Supervisor (Unassigned)	\$1		
Water Treatment Plant Operator Supervisor (Unassigned)	\$1		
SUB-TOTAL VACANT POSITION (UNASSIGNED):	\$2		
TOTAL VACANT POSITIONS:		\$359,982	
LESS ADJUSTMENT FOR VACANT POSITIONS UNASSIGNED:		\$0	
		\$359,982	\$359,982
Provision of 5% Contingency for Salary Increases			\$104,000
TOTAL SALARIES:			\$2,543,986

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40.	VEHICLE - MATERIAL & SERVICE	
	Cost of repair and maintenance of motor vehicles and power operated equipment. Includes cost of purchases for parts, accessories, tires, tire repairs, safety checks, batteries, oil, and outside services.	\$150,000
41.	VEHICLE - FUEL	
	Cost of gasoline and diesel fuel for vehicles and power operated equipment.	
	Gasoline: $\frac{25,500}{\quad} \times \frac{4.85}{\quad} =$ \$123,675	
	Diesel: $\frac{17,500}{\quad} \times \frac{4.85}{\quad} =$ \$84,875	
	TOTAL VEHICLE - FUEL:	\$208,550
42	UTILITIES	
	Cost of electricity for tank sites and a garage building:	
	Garage Building:	
	Tank Sites (25): $\frac{\quad}{\quad} =$ \$46,000	
	TOTAL ELECTRIC:	\$46,000
	Cost of telephone service for tank alarm circuits, pumping stations, and standby personnel, paging, cellular and internet services:	
	Alarm Circuits (24): \$21,700	
	Standby Personnel (25): \$22,000	
	DSL Services (5): \$3,900	
	TOTAL TELEPHONE	\$47,600
	TOTAL UTILITIES:	\$93,600

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43. METER PARTS	
Cost of meter parts and accessories for the meter shop for testing and repairing meters.	\$8,300
43a. ELECTRICAL PARTS	
Cost of electrical and SCADA parts and accessories for plant electricians to maintain, repair and operate electrical pumping plants, booster station, building and structures.	\$41,000
44. MISCELLANEOUS	
Cost of public notices, damages to property and expenditures not classified elsewhere. Includes reward for 2010 EOY	\$5,000
44a. MISCELLANEOUS - Tapping Team	
Cost of materials and supplies and travel for tapping team(s).	\$8,000
44b. MISCELLANEOUS - Drought Mitigation	
Training & Equipment, Materials & Supplies (Unexpended Encumbrance)	\$0
45.. CONTRACTUAL SERVICES	
Cost of outside contractual services to include: waste management, maintaining and repairing plant facilities, vehicle damages, maintenance of facilities, maintenance of tunnel sources, alarm circuits and construction equipment	\$25,000
SCADA System Integrator Consulting and Maintenance Contract (Annually)	\$100,000
Contractual Cost to Operate SWTP	\$0
SCADA System Server and Software Upgrade	\$10,000
Encumbrance:	
Con 540 - Fluid IQS, LLC (tab 11)	\$0
	<u>\$135,000</u>

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47. MATERIALS AND SUPPLIES			
Cost of operational material, supplies, and accessories. Repair and maintenance materials for plant buildings and structures, equipment parts, pest and weed control, small tool purchases and replacements, trench patching and road repairs.	\$50,000		
Small Pipeline and/or Service Line Replacements	\$50,000		
County Roadway Restoration Services	\$50,000		\$150,000
Encumbrance:			
State Roadway Restoration Services - 2 year Encumbrance approximate cost including baseyard driveway	\$254,000		\$254,000
TOTAL MATERIALS AND SUPPLIES:			\$404,000
48. SAFETY EQUIPMENT			
Cost of safety shoes, safety glasses, PUC exams, respiratory exams, uniform shirts, safety clothing, replacement tools, equipment as mandated and required by OSHA, and collective bargaining agreements.			\$30,000
51. PUMP - ELECTRICAL			
Cost of power purchased for pumping facilities - Electrical.(63 accounts)	\$3,445,000		
TOTAL PUMP - ELECTRICAL:			\$3,445,000

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55. PURCHASE OF WATER			
Cost of water purchased from outside water system.			
Princeville Utilities Co., Inc., (Based on projected increases in use and service charge rates)			
Anini: Est. 20 MG per year. x 2.40 per 1,000 gallon =	\$48,000		
Standby Charges: 148 per mo. =	\$1,776		\$49,776
Princeville Tract Subdivision (6 accounts): Est. 0.7 MG per year x 2.00 per 1,000 gallon =	\$1,400		
Standby Charges: 6.11 per mo. =	\$500		\$1,900
Princeville Tank: Est. 1.0 MG per year x 2.00 per 1,000 gallon =	\$2,000		
Standby Charges @ \$230 per mo. =	\$2,800		\$4,800
Plantation Road Tank: Est. 0.7 MG per year x 2.00 per 1,000 gallon =	\$1,400		
Standby Charges @ \$70 per mo. =	\$850		\$2,250
Grove Farm - Water Purchase Agreement:			
2.75 MGD @ 365 days @ \$2.00 per 1,000 gallons =			\$ 2,007,500
Moloaa: 0.7 MG @ \$1.44 per 1,000 gallon =			\$1,000
Kalihiwai Bay Estate Water Association: 1.0 MG @ \$5.00 per 1,000 gallon =			\$5,000 **
** Includes energy adjustment, service charge, standby charge and GE taxes			
Anahola Emergency Interconnection			\$2,100
TOTAL PURCHASE OF WATER:			\$2,074,326

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58. CHEMICALS

Soduim Hypochlorite/Chlorine gas/Liquid: \$71,500

Soda Ash: \$1,500

TOTAL CHEMICALS: \$73,000

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102. MISCELLANEOUS OTHER CAPITAL EXPENDITURES

Cost of stock inventory items contracted miscellaneous rehabilitation projects such as major pump and motor repairs, miscellaneous jobbing expenses.

SCADA Replacement Parts Inventory	\$25,000	
Stock Inventory Items	\$150,000	
Miscellaneous Rehabilitation Projects	\$100,000	
Pump replacement program (including emergency pump replacements and repairs)	\$25,000	
Hydrant replacement program	\$60,000	
TOTAL MISCELLANEOUS OTHER CAPITAL EXPENDITURES:	\$360,000	\$360,000

105. RECORDING METERS

107. PURCHASE OF METER AND METER BOXES

Cost of meter requirements and meter boxes and covers.

Meter Requirements:

300 5/8" @\$175	\$52,500	
65 other sizes @\$600	\$39,000	
200 meter boxes @\$40	\$8,000	
200 meter covers @\$15	\$3,000	
TOTAL PROPERTY AND SUPPLY:	\$102,500	\$102,500

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106. VEHICLE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
<p>OPERATIONS DIVISION:</p> <p>EQUIPMENT:</p> <p>Encumbrances:</p> <p>Contingency for Operational Equipment less than \$5,000 per Board Policy No. 3, Item No. 3</p> <p>.</p> <p>.</p>			
	\$20,000	\$0	\$20,000
EQUIPMENT ENCUMBRANCE SUB-TOTAL:	\$20,000	\$0	\$20,000

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106. VEHICLE AND EQUIPMENT			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
OPERATIONS DIVISION:			
New Requests:			
Operations & Baseyard Security Equipments		\$15,000	\$15,000
EQUIPMENT NEW REQUESTS SUB-TOTAL:	\$0	\$15,000	\$15,000
TOTAL OPERATIONS DIVISION EQUIPMENT:	\$20,000	\$15,000	\$35,000

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106. VEHICLE AND EQUIPMENT CONT'D			
	ENCUMBRANCE	NEW REQUESTS	TOTAL
OPERATIONS DIVISION:			
VEHICLE:			
Encumbrances:			
10,000 LB GVWR 4 x 4 Van (moved to contracted capital exp.)			
4 x 4 Mini SUV (2) (moved to contracted capital exp.)			
4 x 2 Extra Cab 1/2 ton Pick Up with Tail Gate Lift			
VEHICLE ENCUMBRANCE SUB-TOTAL:	\$0	\$0	\$0
New Requests:			
4 x 4 Access Cab Pick Up w/ Lift Gate		\$40,000	\$40,000
Compact Excavator and Equipment Trailer		\$75,000	\$75,000
42000 GVW Dump Truck		\$200,000	\$200,000
VEHICLE NEW REQUESTS SUB-TOTAL:	\$0	\$315,000	\$315,000
TOTAL OPERATIONS DIVISION VEHICLE:	\$0	\$315,000	\$315,000
TOTAL OPERATIONS DIVISION VEHICLES AND EQUIPMENT:	\$20,000	\$330,000	\$350,000

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CONTRACTED CAPITAL EXPENDITURES & ENCUMBRANCES
WATER UTILITY FUND**

CONTRACTS/ ENCUMBRANCES	FY 2013			FY 2014		
	2012 - 2013 BUDGET	CONTRACTED/ ADDITIONS (DELETIONS)	(ESTIMATED PAYMENTS)	ENCUMBERED	Proposed ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<u>2000-2001 CONTRACTS</u>						
540. Job 98-17, Con.# 368, Century Comp. Financial Acctg. Information System	\$12,246		(\$12,246)	(\$0)		(\$0)
TOTAL 2000-2001 CONTRACTS:	\$12,246	\$0	(\$12,246)	(\$0)		(\$0)
<u>2010 - 2011 CONTRACTS</u>						
xxx Install Electrical Savings Device	\$336,161	(\$276,722)		\$59,439	(\$59,439)	\$0
TOTAL 2010 - 2011 CAPITAL ENCUMBRANCES/CONTRACTS:	\$336,161	(\$276,722)	\$0	\$59,439	(\$59,439)	\$0
<u>2011 - 2012 CONTRACTS/ Encumbrances</u>						
106-12 GS-2012-2 (1 Cargo Van)	\$52,804		(\$52,804)	\$0		\$0
24b Four Winds Group	\$24,210		(\$24,210)	\$0		\$0
27.1 Con 521, SAIC, (fka R.W.Beck), Fin Mgmt Planning & Rate Analysis	\$8,008		(\$8,008)	\$0		\$0
27.2 Con 506 SAIC, (fka R.W.Beck), FRC Study (moved to fiscal)	\$3,000	\$3,750	(\$6,750)	\$0		\$0
SUB-TOTAL 2011 - 2012 CAPITAL ENCUMBRANCES/CONTRACTS:	\$88,022	\$3,750	(\$91,772)	\$0	\$0	\$0

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CONTRACTED CAPITAL EXPENDITURES & ENCUMBRANCES
WATER UTILITY FUND**

CONTRACTS/ ENCUMBRANCES	FY 2013			FY 2014		
	2012 - 2013 BUDGET	CONTRACTED/ ADDITIONS (DELETIONS)	(ESTIMATED PAYMENTS)	ENCUMBERED	Proposed ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<u>2011 - 2012 CONTRACTS/ Encumbrances cont.</u>						
27.3 PO # 38966, Kauai Water Shed Alliance				\$0		\$0
27.4 Con 535, Fukunaga & Assoc., Kauai Water Use & Devt. Plan update (moved to wrp)	\$515,460		(\$515,460)	\$0		\$0
27.5 USGS Joint Funding Agrmt. - Water Monitoring Program (10/1/11-9/30/12)	\$31,350		(\$31,350)	\$0		\$0
27.6 Con 556, UH Rainfall Study (2 years 80K & 70K)	\$80,000		(\$80,000)	\$0		\$0
36.1 Kauai Water Shed Alliance	\$75,000		(\$75,000)			
36.2 Con 531, Limtiaco Co. Inc., PR Srves	\$33,719		(\$33,719)	\$0		\$0
36.3 Project WET - Source Protection Education	\$230,000			\$230,000		\$230,000
44.2 Misc. - Drought Mitigation	\$61,968		(\$61,968)	\$0		\$0
45.1 Con 540 Fluid IQS, LLC, Scada Maint.	\$2,678		(\$2,678)	\$0		\$0
102-XX PO 38894, Beylik Drilling	\$95,000		(\$89,543)	\$5,458	(\$5,458)	\$0
103-12X IT Strategic Plan, Study & Implementation (orig amt - 150K)	\$150,000	(\$84,000)	(\$66,000)	\$0		\$0
Con #. 560 , EMA - IT Strategic Plan, Study & Implementation		\$84,000	(\$84,000)	\$0		\$0
103-12x Phone System Improvements	\$62,485		(\$62,485)	\$0		\$0
xx Consultant - Re-establish Open FRC accounts	\$40,000			\$40,000		\$40,000
706 Con 552, Badger Meter Inc., Drive by Acoustic Leak Noise Logging System	\$45,000		(\$45,000)	\$0		\$0
xx AP Accruals	\$200,626		(\$200,626)	\$0		\$0
SUB-TOTAL 2011 - 2012 CONTRACTS:	\$1,623,286	\$0	(\$1,347,829)	\$275,457	(\$5,458)	\$269,999
TOTAL 2011 - 2012 CONTRACTS:	\$1,711,308	\$3,750	(\$1,439,601)	\$275,457	(\$5,458)	\$269,999

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CONTRACTED CAPITAL EXPENDITURES & ENCUMBRANCES
WATER UTILITY FUND**

CONTRACTS/ ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	CONTRACTED/ ADDITIONS (DELETIONS)	(ESTIMATED PAYMENTS)	ENCUMBERED	Proposed ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<u>2012 - 2013 CONTRACTS/ Encumbrances</u>						
27.3 PO # 38966, Kauai Water Shed Alliance USGS Joint Funding Agrmt. - Water		\$150,000	(\$150,000)	\$0		\$0
27.5 Monitoring Program (10/1/11-9/30/12) Con 556, UH Rainfall Study (2 years 80K		\$31,350	(\$31,350)	\$0		\$0
27.6 & 70K)		\$75,000	(\$75,000)	\$0		\$0
45.1 - Con 540 Fluid IQS, LLC, Scada Maint. (tab 10)		\$100,000	(\$100,000)			
103-XX AccountingSoftware Package		\$150,000		\$150,000		\$150,000
SUB-TOTAL 2012 - 2013 CAPITAL	\$0	\$506,350	(\$356,350)	\$150,000	\$0	\$150,000
EXPENDITURES, OTHERS:	\$2,059,715	\$233,378	(\$1,808,197)	\$484,896	(\$64,897)	\$419,999
				\$484,896		\$419,999
						\$0

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RESOURCES AND EXPENDITURES	2011 - 2012 ACTUAL	FY 2013		FY 2014	
		BUDGETED	ESTIMATED	PROPOSED BUDGET	APPROVED BUDGET
101. CRPL PROJECTS (p2)		\$14,927,757	\$0	\$4,857,003	
CONTRACTED CRPL PROJECTS (p3)	\$ 1,165,692	\$2,945,100	\$6,576,079	\$4,971,222	
106b. CIP RESERVE FUND		\$3,441,816	\$3,441,816	\$2,247,735	
TOTAL CAPITAL IMPROVEMENT PROJECTS:	\$ 1,165,692	\$21,314,673	\$10,017,895	\$12,075,960	

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CRPL BUDGET
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101. CRPL PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
WATER SOURCE						
ACQUISITION						
K-01, Yamada Tank (Nursery Tank) & Connecting PL (BAB 5M)	\$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
TOTAL WATER SOURCE:	\$4,502,752	\$0	\$0	\$4,502,752	(\$3,002,750)	\$1,500,002
STORAGE						
				\$0		\$0
TOTAL STORAGE:	\$0	\$0	\$0	\$0	\$0	\$0

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101. CRPL PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
TRANSMISSION/ DISTRIBUTION						
(697)Job 02-15, WK-28, Wailua Hslts ML Repl	\$5,000,000	(\$4,671,000)		\$329,000	(\$329,000)	\$0
Job 02-19, WK-12, Waipouli Main Replacement - Kuhio Hwy (est \$3M)	\$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)	\$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
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
TOTAL TRANSMISSION:	\$10,250,002	(\$8,562,400)	\$0	\$1,687,602	\$654,399	\$2,342,001

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WATER UTILITY FUND**

101. CRPL PROJECTS	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
IMPROVEMENTS						
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
TOTAL IMPROVEMENTS:	\$175,003	\$0	\$0	\$175,003	\$839,997	\$1,015,000
CIP REPLACEMENT PROJECTS:	\$14,927,757	(\$8,562,400)	\$0	\$6,365,357	(\$1,508,354)	\$4,857,003
				\$6,365,357		\$4,857,003
						\$0

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CIP REPLACEMENT BUDGET
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CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
1993 - 1994 CONTRACTS						
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
TOTAL 1993 - 1994 CONTRACTS:	\$53,151	\$0	\$0	\$53,151	(\$53,150)	\$1
1994 - 1995 CONTRACTS						
401. Job No. 91-13, Contract No. 37348, R.M. Towill Corp., Drill & Test Hanamaulu Well No. 1	\$645		\$0	\$645	(\$645)	\$0
TOTAL 1994 - 1995 CONTRACTS:	\$645	\$0	\$0	\$645	(\$645)	\$0
1999-2000 CONTRACTS						
519 Job No. 92-4, Contract No. 355, Okahara & Associates. Inc., Koloa Well "F"	\$6,638			\$6,638	(\$6,638)	\$0
TOTAL CONTRACTS 1999 - 2000:	\$6,638	\$0	\$0	\$6,638	(\$6,638)	\$0

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

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CONTRACT ENCUMBRANCES	FY 2013				FY 2014	
	2012 - 2013 BUDGET	(CONTRACTED)/ ADDITIONS/ (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
2004 - 2005 CONTRACTS						
618. Job No. 02-05, Contract No. 52243, Earthworks Pacific, Ulaula Road, Eleele/6" main, Lihue	\$19,009			\$19,009	(\$19,009)	\$0
TOTAL CONTRACTS 2004 - 2005:	\$19,009	\$0	\$0	\$19,009	(\$19,009)	\$0
2005 - 2006 CONTRACTS						
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		\$108,973
TOTAL CONTRACTS 2005 - 2006:	\$114,748	\$0	\$0	\$114,748	(\$5,775)	\$108,973
2007 - 2008 CONTRACTS						
668. Contract No. 484, Wagner Engineering Services, Kukuiolono Site Exchange	\$5,210			\$5,210		\$5,210
TOTAL CONTRACTS 2007 - 2008:	\$5,210	\$0	\$0	\$5,210	\$0	\$5,210

**DEPARTMENT OF WATER
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
2008 - 2009 CONTRACTS						
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
TOTAL CONTRACTS 2008 - 2009:	\$100,682	\$0	\$0	\$100,682	(\$100,682)	\$0
2010 - 2011 CONTRACTS						
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, J17, PLH 42, Water Treatment Facilities	\$76,236			\$76,236		\$76,236
TOTAL CONTRACTS 2010 - 2011:	\$106,236	\$0	-\$3,840	\$102,396	\$3,840	\$106,236

**DEPARTMENT OF WATER
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
2011 - 2012 CONTRACTS						
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
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 12-1 (106b) H-05, Weke, Anae, Mahimahi & Hee Rd.	\$139,494		(\$39,494)	\$100,000		\$100,000
TOTAL CONTRACTS 2011 - 2012:	\$2,270,652	\$4,671,000	-\$2,580,839	\$4,360,813	\$22,268	\$4,383,081

3/15/2013

**DEPARTMENT OF WATER
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
2012 - 2013 CONTRACTS						
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
TOTAL CONTRACTS 2012 - 2013:	\$0	\$4,090,992	-\$3,991,400	\$99,592	\$0	\$99,592
TOTAL CIP CONTRACT ENCUMBRANCES:	\$2,945,100	\$8,761,992	(\$6,576,079)	\$5,131,013	(\$159,791)	\$4,971,222

DEPARTMENT OF WATER
ANNUAL OPERATING AND CAPITAL IMPROVEMENT BUDGET
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	\$1,350,410
CONTRACTED CRP PROJECTS	\$ 174,884	\$463,371	\$784,991	\$76,902
TOTAL CAPITAL REHABILITATION PROJECTS:	\$174,884	\$933,902	\$984,583	\$1,427,312

**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
PLH-39b, Renovate DOW Operations, Administration & Micro Lab buildings				\$0	\$250,000	\$250,000
Repair Hanapepe Well River Crossing					\$1,000,000	\$1,000,000
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
Con # 557, Okahara, Job 11-07 WP 2020 HE-03 Hanapepe & Koloa Well MCC Improvements	\$ 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
TOTAL CAPITAL REHABILITATION PROJECTS:	\$470,531	(\$199,592)	\$0	\$270,939	\$1,079,471	\$1,350,410

**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
<u>CONTRACT ENCUMBRANCES</u>						
1997 - 1998 CONTRACTS						
464. Job No. 97-1, Contract No. 309, SSFM Engineers, repair Kokolau Tunnel	\$1			\$1	(\$1)	\$0
TOTAL 1997 - 1998 CONTRACTS:	\$1	\$0	\$0	\$1	(\$1)	\$0
1999 - 2000 CONTRACTS						
499. Job No. 97-7, Contract No. 346, Wagner Engineering Service, Repl Lawai 8" WL	\$1			\$1		\$1
TOTAL 1999 - 2000 CONTRACTS:	\$1	\$0	\$0	\$1	\$0	\$1

**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
<u>CONTRACT ENCUMBRANCES</u>						
2002 - 2003 CONTRACTS						
587. Job No. 02-15, Contract No. 403, RM Towill Corp., Wailua Hslts 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
TOTAL 2002 - 2003 CONTRACTS:	\$151,046	\$0	(\$122,000)	\$29,046	\$0	\$29,046

**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
<u>CONTRACT ENCUMBRANCES</u>						
2003 - 2004 CONTRACTS						
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
TOTAL 2003 - 2004 CONTRACTS	\$41,063	\$0	(\$27,000)	\$14,063	\$0	\$14,063
2004 - 2005 CONTRACTS						
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
TOTAL 2004 - 2005 CONTRACTS	\$5,791	\$0	(\$5,791)	\$0	\$0	\$0

**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
<u>CONTRACT ENCUMBRANCES</u>						
2005 - 2006 CONTRACTS						
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
2005 - 2006 CONTRACTS CON'T						
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
TOTAL 2005 - 2006 CONTRACTS	\$65,877	\$0	(\$52,457)	\$13,420	\$0	\$13,420

**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
<u>CONTRACT ENCUMBRANCES</u>						
2012 - 2013 CONTRACTS						
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
TOTAL 2012 - 2013 CONTRACTS	\$199,592	\$398,523	(\$577,743)	\$20,372	\$0	\$20,372
TOTAL CRP CONTRACT	\$463,371	\$398,523	(\$784,991)	\$76,903	(\$1)	\$76,902

**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		
BEGINNING BALANCE:	\$ 4,367,932	\$ 3,224,354	\$ 3,224,354	\$ 2,271,998	
Projected Resources	\$888,440	\$1,350,442	\$931,692	\$ 1,816,768	
TOTAL RESOURCES:	\$ 5,256,372	\$ 4,574,796	\$ 4,156,046	\$ 4,088,766	\$ -
Fund Balance		\$1,929,506		\$ 1,490,560	
Debt Service	\$ 1,989,115	\$1,968,273	\$1,606,758	\$2,495,227	
Capital Improvement Projects - Encumbrance		\$380,000		\$50,003	
Capital Improvement Contracted Projects	\$ 42,903	\$297,017	\$277,290	\$52,975	
TOTAL EXPENDITURES:	\$ 2,032,018	\$4,574,796	\$ 1,884,048	\$4,088,766	\$ -
ENDING BALANCE:	\$ 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	\$304,768	
TOTAL RESOURCES:	\$888,440	\$1,350,442	\$931,692	\$1,816,768	\$0

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

301. WSDF - Fund	2012 - 2013 BUDGET	CONTRACTED / ESTIMATED PAYMENTS	ADDITIONS (DELETIONS)	ENCUMBRANCE	PROPOSED ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
Fund Balance						
301b WSDF Fund - Unencumbered Balance	\$1,929,505		(\$438,945)	\$1,490,560		\$1,490,560
301b WSDF Fund Balance	\$1,929,505	\$0	(\$438,945)	\$1,490,560	\$0	\$1,490,560

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

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

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

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

**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	CONTRACTED/ ESTIMATED PAYMENTS	ADDITIONS (DELETIONS)	ENCUMBRANCE	PROPOSED ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<u>WATER SOURCE DEVELOPMENT</u>						\$0
TOTAL WATER SOURCE DEVELOPMENT:	\$0	\$0	\$0			
<u>WSDF OFFSET/ REFUNDS</u>	\$200,000	\$0		\$200,000	(\$150,000)	cf
TOTAL	\$200,000	\$0	\$0	\$200,000	(\$150,000)	\$0
TOTAL CAPITAL IMPROVEMENT PROJECTS:	\$380,000	(\$40,425)	\$0	\$339,575	(\$239,572)	\$50,003

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

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 PAYMENTS	ENCUMBRANCE	PROPOSED ADDITIONS (DELETIONS)	2013 - 2014 BUDGET
<u>CONTRACT ENCUMBRANCES</u>						
2005 - 2006 CONTRACTS						
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
TOTAL CONTRACTS 2005 - 2006	\$160,340	\$0	(\$160,340)	\$0		\$0
2006 - 2007 CONTRACTS						
321. WK-23, Job No. 93-1, Contract No. 471, Portech, 250,000 MG UH Tank	\$7,177			\$7,177	(\$7,177)	\$0
TOTAL CONTRACTS 2006 - 2007	\$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
<u>CONTRACT ENCUMBRANCES</u>						
2007 - 2008 CONTRACTS						
324. WK-39, Contract No. 488, HDR Engineering, Inc., Drill and Test Kapaa Homesteads Well No. 4.	\$116,950	\$0	(\$116,950)	\$0		\$0
TOTAL CONTRACTS 2007 - 2008	\$116,950	\$0	(\$116,950)	\$0	\$0	\$0
2012 - 2013 CONTRACTS						
xxx Contract No. 567, Esakis Surveying -WP 2020 Job No. 12-2, Construct UH Experimental Station, 605' Tank , Kauai, HI		\$40,425	\$0	\$40,425		\$40,425
TOTAL CONTRACTS 2008 - 2009	\$0	\$40,425	\$0	\$40,425	\$0	\$40,425
TOTAL CONTRACT ENCUMBRANCES:						
	\$297,017	\$40,425	(\$277,290)	\$60,152	(\$7,177)	\$52,975

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

**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
201-01: BAB - CAPITAL IMPROVEMENT PROJECTS						\$ 21,591,411
1. ENCUMBRANCES:						
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 \$ -
TOTAL ENCUMBRANCES	\$ 121,001	\$ -	\$ 633,499		\$ -	\$ 754,500

**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
CIP FUND BALANCE AVAILABLE FOR FY 2014 PROJECT PRIORITY LIST						\$ 20,836,911
2. PROJECT PRIORITY LIST						
K-01, Yamada Tank (Nursery Tank) and Connecting Pipeline (WU 5M)	\$ 7,000,000		\$ (4,450,000)	\$ 2,550,000		\$ 2,550,000
PLH-39, DOW Baseyard Improvements Phase I (est \$7M).	\$ 4,000,000			\$ 4,000,000	\$ 4,000,000	\$ 8,000,000
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, H12, Hanalei & Wainiha Test Wells	\$ 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
TOTAL CAPITAL IMPROVEMENT PROJECTS:	\$ 21,250,008	\$ -	\$ (6,083,499)	\$ 15,166,509	\$ 5,670,402	\$ 20,836,911

**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
2009 - 2010 CONTRACTS						
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
TOTAL CONTRACTS 2009-2010:	\$1,845,170	\$0	(1,810,526)	\$34,644	(\$34,644)	(\$0)

BOND FUND	FY 2013				FY 2014	
	FY 2013 BUDGET	ADDITIONS (DELETIONS)	ESTIMATED PAYMENTS	ENCUMBERED	PROPOSED ADDITIONS (DELETIONS)	PROPOSED BUDGET
2010 - 2011 CONTRACTS						
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
2010-2011 CONTRACTS CONT.						
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
2010 - 2011 CONTRACTS	\$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
2011 - 2012 CONTRACTS						
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)	\$ -		\$ -
TOTAL CONTRACTS 2011-2012:	\$ 3,159,788	\$ -	(3,159,788)	\$ -	\$ -	\$ -
TOTAL CONTRACTS ENCUMBRANCES	\$10,917,069	\$2,641	(10,751,838)	\$167,872	(\$167,873)	(\$0)

Staff Reports

DEPARTMENT OF WATER
Budget Status Summary
January 31, 2013

I. WATER UTILITY FUND

	Current Month	Year to Date	
Beginning Balance 07/1/2012			\$ 19,170,870.48
Add: Revenues	\$ 2,176,929.57	\$ 18,959,248.83	\$ 18,959,248.83
TOTAL RESOURCES:			\$ 38,130,119.31
Less: Expenditures	\$ 3,319,141.27	\$ 14,401,306.81	\$ 14,401,306.81
TOTAL EXPENDITURES:			\$ 14,401,306.81
Ending Balance			\$ 23,728,812.50

II. FACILITIES RESERVE CHARGE

Beginning Balance 07/1/2012			\$ 3,224,353.68
Add: Revenues	\$ 42,924.13	\$ 446,765.47	\$ 446,765.47
TOTAL RESOURCES:			\$ 3,671,119.15
Less: Expenditures	\$ -	\$ 4,999.50	\$ 4,999.50
TOTAL EXPENDITURES:			\$ 4,999.50
Ending Balance			\$ 3,666,119.65

III. BOND FUND

Beginning Balance 07/1/2012			\$ -
Add: Revenues	\$ -	\$ -	\$ -
TOTAL RESOURCES:			\$ -
Less: Expenditures	\$ -	\$ -	\$ -
Ending Balance			\$ -

IV. WATERWORK BUILD AMERICA PROJECT FUND

Beginning Balance 07/1/2012			\$ 32,677,748.66
Add: Revenues	\$ -	\$ -	\$ -
TOTAL RESOURCES:			\$ 32,677,748.66
Less: Expenditures	\$ 538,175.03	\$ 5,682,499.55	\$ 5,682,499.55
Ending Balance			\$ 26,995,249.11

TOTAL - ALL FUNDS at January 31, 2013	\$ 54,390,181.26
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**STATEMENT OF REVENUES AND EXPENDITURES
WATER UTILITY FUND
January 31, 2013**

REVENUES:

Cash on hand as of July 1, 2012	\$ 19,170,870.48
Add: Revenues To Date	\$ 18,959,248.83
Sub-Total	\$ 38,130,119.31

EXPENDITURES:

Less: Expenditures to Date	\$ 14,401,306.81
BALANCE AT THE END OF THE MONTH	\$ 23,728,812.50

SHORT TERM INVESTMENTS - WATER UTILITY FUND

BANK OF HAWAII

CENTRAL PACIFIC BANK

FIRST HAWAIIAN BANK

T30020197	0.09000%	INT. DUE	03/14/13	\$ 1,200,000.00
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MERRILL-LYNCH

CUSIP#	C313378KS9	0.5200%	INT. DUE	04/06/15	\$ 1,000,000.00
CUSIP#	C313589NJ8	0.1730%	INT. DUE	10/24/13	\$ 998,347.22
CUSIP#	C313385SE7	0.1520%	INT. DUE	01/24/14	\$ 998,500.00

SUB-TOTAL FOR PAGE A	\$ 4,196,847.22
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SUB-TOTAL FROM PAGE A \$ 4,196,847.22

SHORT TERM INVESTMENTS - WATER REVENUES

MULTI-BANK

CUSIP#	85508VAC3	2.70000%	INT. DUE	11/18/13	98,000.00
CUSIP#	36160JGY8	1.20000%	INT. DUE	07/13/15	150,000.00
CUSIP#	3136FTWX3	1.15000%	INT. DUE	12/28/16	1,000,000.00
CUSIP#	3136GOQA2	0.75000%	INT. DUE	07/01/17	1,000,000.00

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CUSIP#	3136GOTV3	0.60000%	INT. DUE	01/26/16	1,000,000.00
CUSIP#	C3136GOX89	0.75000%	INT. DUE	04/26/17	1,998,000.00
CUSIP#	C3133EAVGO	2.04000%	INT. DUE	04/29/13	1,000,111.11
CUSIP#	9127957A3	0.15000%	INT. DUE	07/25/13	\$ 998,500.00
					\$ 7,244,611.11

TOTAL SHORT-TERM INVESTMENTS - WATER UTILITY \$ 11,441,458.33

CASH ON HAND WITH TREASURER - COK	01/31/13	\$ 296,876.97
CASH ON HAND-FHB Checking (EP)	01/31/13	\$ 50,000.00
CASH ON HAND-BOH Savings	01/31/13	\$ 9,128,408.32
AP Adjustment		\$ 0.30
CASH ON HAND-FHB Blackrock T-FUND (Sweep Acct)	01/31/13	\$ 3,320,551.37
CASH ON HAND - FHB Savings	01/31/13	\$ 25,828.35

LESS: January Claims Payable		\$ (2,900,143.64)
January Claims paid in January		\$ 2,382,965.59
Due to FRC	12/31/12	\$ (2,172.09)
Due to Trust Fund	12/31/12	\$ (14,961.00)

WATER UTILITY FUND CASH BALANCE AT THE END OF THE MONTH \$ 23,728,812.50

TRUST FUND

CASH ON HAND WITH TREASURER - COK	12/31/12	\$ 320,000.00
CASH ON HAND-FHB Savings Trust Fund	12/31/12	447,846.93
TRUST FUND RECEIPTS	12/31/12	(767,846.93)
		\$ -

DEPARTMENT OF WATER
County of Kauai
JULY 1, 2012 TO JUNE 30, 2013
January 31, 2013

WATER UTILITY FUND

% Budget Elapsed 58.33%

CASH RECEIPTS:		BUDGETED RECEIPTS	TOTAL RECEIPTS TO DATE	RECEIPTS FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL RECEIPTS
BEGINNING CASH BALANCE		\$ 19,170,870.48				\$ 19,170,870.48
1	Water Sales	\$ 23,437,595.00	\$ 15,415,932.27	\$ 2,155,443.48	66%	\$ 8,021,662.73
	Prior Year Receipts		\$ 2,549,824.30			\$ (2,549,824.30)
2	Net Miscellaneous Receipts	\$ 60,000.00	\$ 256.30	\$ 256.30	0%	\$ 59,743.70
3	Interest Income	\$ 235,000.00	\$ 37,063.82	\$ 8,786.65	16%	\$ 197,936.18
4	County Service Charge	\$ 1,467,126.00	\$ -		0%	\$ 1,467,126.00
5	State Revolving Fund	\$ 5,000,000.00	\$ 91,300.00	\$ -	2%	\$ 4,908,700.00
5a	Other Receipts	\$ 1,000,000.00	\$ 353,718.04	\$ 12,443.14	0%	\$ 646,281.96
5b	OTHER - BAB Subsidy	\$ 715,615.00	\$ 511,154.10	\$ -	71%	\$ 204,460.90
5c	FRC Debt Service Payback	\$ 1,968,273.00	\$ -	\$ -		\$ 1,968,273.00
5d	Grant, Drought Mitigation	\$ 230,000.00	\$ -			\$ 230,000.00
TOTAL RESOURCES		\$ 53,284,479.48	\$ 18,959,248.83	\$ 2,176,929.57		\$ 34,325,230.65
DISBURSEMENTS:		BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
SALARIES:						
15	County over charge to payroll Salaries - DOW	\$ 5,442,045.00	\$ (1,415.63) \$ 2,593,274.46	\$ 366,340.27	48%	\$ 2,850,186.17
	Provision for Accrued Vacation	\$ (14,139.08) \$ 14,139.08				
16	Accrued Vacation	\$ 100,000.00	\$ 10,973.29		11%	\$ 89,026.71
TOTAL SALARIES:		\$ 5,542,045.00	\$ 2,602,832.12	\$ 366,340.27		\$ 2,939,212.88
NORMAL EXPENDITURES						
19	COUNTY SERVICE CHRG	\$ 1,467,126.00	\$ -		0%	\$ 1,467,126.00
ADMINISTRATIVE OFFICE and ENGINEERING:						
21	Utilities	\$ 247,380.00	\$ 120,110.79	\$ 15,089.86	49%	\$ 127,269.21
22	Postage and Printing	\$ 141,000.00	\$ 38,041.24	\$ 658.85	27%	\$ 102,958.76
24	Office Equipment Maintenance	\$ 161,100.00	\$ 36,951.04	\$ 659.19	23%	\$ 124,148.96
24b	05/19/06 Con 461 Four Winds Group MMIS Phases I & II	\$ 24,210.00	\$ 20,028.40		83%	\$ 4,181.60

	ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
		\$ (3,750.00)				
27	Open FRC Accounts Listing Contractual Services	\$ 40,000.00		\$ (20,480.87)		
		\$ 677,199.80	\$ 172,484.93	\$ 11,674.65	25%	540,964.87
27a	Con 521 R. W. Beck Inc. Financial Management Planning & Rate Analysis	\$ 8,008.00	\$ -		0%	\$ 8,008.00
27b	Con 506 R. W. Beck Inc. FRC Study for DOW	\$ 3,750.00	\$ -		0%	\$ 6,750.00
		\$ 3,000.00				
27d	Con 535 Fukunaga & Assoc. WRP 01 FY 05-06, Kauai Water Use & Developmnt Plan update	\$ 515,460.00	\$ -		0%	\$ 515,460.00
27e	USGS Joint Funding Agrmt. Water Monitoring Program for the period 10/1/11-9/30/12	\$ 31,350.00	\$ -		0%	\$ 31,350.00
27f	UH Rainfall Study (2 years \$80K and \$70K)	\$ 80,000.00	\$ 32,367.97	\$ 3,922.30	40%	\$ 47,632.03
28	Travel and Incidentals - Board	\$ 19,798.00	\$ 1,031.81		5%	\$ 18,766.19
29	Travel and Incidentals - Staff	\$ 42,050.00	\$ 8,356.81	\$ 1,775.45	20%	\$ 33,693.19
30	Collector's Commission	\$ -				\$ -
31	Miscellaneous	\$ 18,500.00	\$ 12,928.37	\$ 786.89	70%	\$ 5,571.63
32	Auditing Fee	\$ (66,000.00)	\$ -		0%	\$ 10,000.00
		\$ 76,000.00				
32c	Annual Audit Contract No. 537 KMH, LLP	\$ 66,000.00	\$ 45,000.00			\$ 21,000.00
33	In-Service Training	\$ 90,600.00	\$ 27,716.92	\$ 730.00	31%	\$ 62,883.08
34	Supplies - Office & Eng.	\$ 45,000.00	\$ 19,743.66	\$ 4,721.33	44%	\$ 25,256.34
35	Operating Reserve Fund	\$ 20,000.00	\$ -		0%	\$ 20,000.00
36	Public Relations	\$ 86,500.00	\$ 12,567.29		15%	\$ 73,932.71
36.1	Kauai Watershed Alliance Grant: The Nature Conservancy	\$ 75,000.00	\$ 75,000.00			\$ -
36.2	Con 531 Limtiaco Co, Inc. Public Relations Services	\$ 33,718.50	\$ 1,505.20		4%	\$ 32,213.30
36.3	Project WET - Source Protection Education	\$ 230,000.00	\$ -			\$ 230,000.00
37	Computer Support and Supplies	\$ 97,000.00	\$ 28,307.42	\$ 3,252.10	29%	\$ 68,692.58
38	Microlab Materials and Supplies	\$ 20,000.00	\$ 3,853.38		19%	\$ 16,146.62
		\$ -	\$ -			
		\$ 2,782,874.30	\$ 655,995.23	\$ 22,789.75		\$ 2,126,879.07

ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES	
OPERATIONS AND MAINTENANCE:						
40	Vehicle - Materials & Service	145,000.00	\$ 80,493.74	\$ 9,926.88	56%	\$ 64,506.26
41	Vehicle - Fuel	189,000.00	\$ 84,448.24	\$ 8,596.72	45%	\$ 104,551.76
42	Utilities	91,700.00	\$ 43,662.72	\$ 6,351.60	48%	\$ 48,037.28
43	Meter Parts	8,300.00	\$ 290.61		4%	\$ 8,009.39
43a	Electrical Parts	34,000.00	\$ 18,224.35	\$ 6,879.86	54%	\$ 15,775.65
44	Miscellaneous	5,000.00	\$ -		0%	\$ 5,000.00
44a	Misc. - Tapping Team	8,000.00	\$ -		0%	\$ 8,000.00
44b	Misc. - Drought Mitigation	61,968.42	\$ 17,305.29		28%	\$ 54,663.13
45	Contractual Services	(100,000.00)	\$ -			
	Con 540, FluidIQS, LLC,	200,000.00	\$ 36,111.01	\$ 33,804.00	18%	\$ 63,888.99
45a	SCADA Maintenance	2,677.60	\$ -		0%	\$ 2,677.60
47	Materials and Supplies	404,000.00	\$ 107,423.76	\$ 8,204.43	27%	\$ 296,576.24
48	Collective Bargaining Items	30,000.00	\$ 11,243.69	\$ 621.67	37%	\$ 18,756.31
51	Pump Electrical	3,250,000.00	\$ 1,916,633.75	\$ 238,019.61	59%	\$ 1,333,366.25
55	Purchase of Water	1,891,826.00	\$ 870,311.56	\$ 123,376.84	46%	\$ 1,021,514.44
58	Chemicals	65,000.00	\$ 31,095.66	\$ 4,178.88	48%	\$ 33,904.34
59	Safe Drinking Water Act Program	50,000.00	\$ 49,008.93	\$ 154.59	98%	\$ 991.07
59g	Contract No. 496 10/08 MWH Laboratories	-	\$ -		0%	\$ -
TOTAL OPERATIONS:						
	6,336,472.02	\$ 3,256,253.31	\$ 440,115.08			\$ 3,080,218.71
INSURANCE AND EMPLOYEE BENEFITS:						
60	Insurance and Bonds	200,000.00	\$ -		0%	\$ 200,000.00
60a	Small Claims	10,000.00	\$ -		0%	\$ 10,000.00
61	Workmen's Compensation Insurance	2,988.64	\$ 1,415.63			
		150,000.00	\$ 26,772.12	\$ 23,783.48	18%	\$ 124,800.89
62	Retirement System	79,655.83	\$ 358,870.14	\$ 28,227.27	42%	\$ 565,391.08
63	FICA Taxes - Employer's	39,207.38	\$ 169,545.07	\$ 12,936.88	41%	\$ 285,978.75
64	Health, Life, & Dental (EUTF)	44,520.68	\$ 203,526.45	\$ 12,954.89	39%	\$ 369,046.23
	528,052.00					

ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
67 Health & Life Insurance - Retirees & OPEB	\$ 20,114.50 \$ 850,000.00	\$ -		0%	\$ 870,114.50
EMPLOYEE BENEFITS	\$ 3,185,460.86	\$ 760,129.41	\$ 77,902.52	24%	\$ 2,425,331.45
TOTAL NORMAL EXPENDITURES:	\$ 13,771,933.18	\$ 4,672,377.95	\$ 540,807.35	34%	\$ 9,099,555.23
DEBT SERVICE REQUIREMENT:	\$ 13,771,933.18	\$ 4,672,377.95	\$ 540,807.35		\$ 9,099,555.23
80 SRF Loan Job 97-5 Hanapepe River Crossing	\$ 94,527.00	\$ 94,527.03		100%	\$ (0.03)
81 SRF Loan Job 97-6 Hanapepe 27" Steel Pipe	\$ 52,680.00	\$ 52,679.67		100%	\$ 0.33
82 SRF Loan Job 98-33 WK-21 Wailua Hmstds Well #3	\$ 30,334.00	\$ 15,250.85		50%	\$ 15,083.15
83 SRF Loan Job 97-2 PLH-31 Lihue Steel Tanks 1 & 2	\$ 96,588.00	\$ 96,588.86		100%	\$ (0.86)
84 SRF Loan Job 98-6 WK-07 Ornellas 0.2 MG Tank	\$ 62,462.00	\$ 31,398.94		50%	\$ 31,063.06
85 SRF Loan Job 97-11 WK-03 16" W/L Along Kuhio Hwy	\$ 177,755.00	\$ 177,754.27	\$ 88,387.31	100%	\$ 0.73
86 DOW Bond 2005 Issue	\$ (104,637.00) \$ 212,309.00	\$ 107,671.87	\$ 5,356.25	100%	\$ 0.13
87 DOW Bond 2005 Series, Partial Refund 2001 Series A	\$ 114,903.00 \$ 149,988.00	\$ 264,890.63	\$ 58,450.00	100%	\$ 0.37
88 SRF Loan Job 98-2 KP-07 KP-08 16" W/L on Poipu Rd	\$ 396,838.00	\$ 396,837.80		100%	\$ 0.20
89 SRF Loan Job WK -42 PH I Stable 1.0 MG Tank	\$ 599,177.00	\$ 301,108.35		50%	\$ 298,068.65
90 SRF Loan Job KW -27 Kaunualii Hwy 12" Main Repl	\$ 327,272.00	\$ 327,271.64	\$ 162,821.84	100%	\$ 0.36
91 SRF Loan Job K -7, LO-13 Waha, Wawae & Niho Rds	\$ 4,247.43 \$ 150,887.00	\$ 155,134.43	\$ 79,315.79	100%	\$ -
92 DOW Bond Series 2010A FmHa \$300,000 @5%	\$ 2,920,881.00	\$ 2,920,880.68	\$ 1,460,440.34	100%	\$ 0.32
93 20 year Bond	\$ 18,550.00	\$ 18,550.00	\$ 17,275.00	100%	\$ -
94 SRF Loan Job Kapilimao 0.5 MG Tank	\$ 302,382.00	\$ 159,801.32		53%	\$ 142,580.68
97.1 DOW 2011A					
95 Series 2005A(2001A Refnd)	\$ 440,550.00	\$ 440,550.00	\$ 81,400.00	100%	\$ -
97.2 DOW Bond 2012A Issue Series 2005A Refunded	\$ 63,754.69	\$ 63,754.69	\$ 57,093.75	100%	\$ -
98 SRF Loan Job 97-1 Kokolau Tunnel Repairs	\$ 125,395.00	\$ 125,394.78		100%	\$ 0.22
99 SRF Loan Job 96-4 Kapilimao Valley Well	\$ 67,617.00	\$ 33,999.56		50%	\$ 33,617.44
Provision for Additional Debt Service Requirement	\$ (4,247.43) \$ (63,754.69) \$ (114,903.00) \$ 104,637.00 \$ 320,000.00				\$ 241,731.88
TOTAL DEBT SERVICE REQ	\$ 6,546,192.00	\$ 5,784,045.37	\$ 2,010,540.28	88%	\$ 762,146.63
TOTAL SALARIES, NORMAL EXPENDITURES, AND DEBT SERVICE REQUIREMENTS:	\$ 25,860,170.18	\$ 13,059,255.44	\$ 2,917,687.90	50%	\$ 12,800,914.74
PROOF	\$ 25,974,309.26	\$ 13,059,255.44	\$ 2,917,687.90		\$ 12,915,053.82

	ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
107	Purchase of Meter and Meter Boxes	(14,000.00) 129,000.00	37,556.00		29%	\$ 77,444.00
370	7/15/1993 WK-23 Con #259, Job 93-1 Nishimura, Katayama, .25 MG Wailua Tank	53,151.00	"FINAL" -		0%	\$ 53,151.00
401	8/8/1994 Contract #37348, Job 91-13 R.M. Towill Corp., Drill Hanamaulu Well #1 (Kalepa Well #2)	645.08	-		0%	\$ 645.08
464	11/20/02 (106b) Contract #309, Job 97-1 PLH-02 SSFM Engineers, Repair Kokolau Tunnel	1.00	-		0%	\$ 1.00
499	8/2/1999 Contract #346, Job 97-7 KP-06a Wagner Eng. Replace Lawai Rd. 8" W/L	1.00	-		0%	\$ 1.00
519	6/2/2000 KP-01 Con. #355 Okahara & Assoc., Inc Job 92-4 Koloa Well "F" Pump	6,638.00	"FINAL" -		0%	\$ 6,638.00
540	1/17/2001 Contract #368 (103) Century Computers Job 98-17 Fin. Acctg.	12,245.67	-		0%	\$ 12,245.67
561	(02/06/02) Con 384 (101) LO-07 Fukunaga & Assoc. Job 99-8 Drill Omao Well No. 1	79,860.00	-		0%	\$ 79,860.00
586	12/24/02 (101) Con 401 Control Mfg. Co. Job 94-4 SCADA Systems	63,068.49	"FINAL" -		0%	\$ 63,068.49
587	1/14/03 (101b, 106b) Con 403 RM Towill Corp WK-28 Job 02-15 Wailua Hsts W/L Repl	82,637.00	2,304.00		3%	\$ 80,333.00
588	1/14/03 (101b, 106b) Con 404 Fukunaga & Assoc. WK-32 Job 02-18 Kapaa Hmstds W/L Repl	51,100.00	-		0%	\$ 51,100.00
591	2/05/03 (101b, 106b) Con 408 Wagner Eng. Inc. H-01 H-02 H-03 Job 02-17 Maka Ridge Deepwell, Tank	17,309.00	5,000.00		29%	\$ 12,309.00
601	9/03/03 (101b) Con 420 Hawaii Pacific Eng, Job 02-08 HE-08 Eleele Twin 0.4 MG Tanks	8,327.00	-		0%	\$ 8,327.00
607	12/05/03 (101) Con 425 HI Pacific Eng. Job 02-21 PLH-37 Rehab & Deepen Existing Wells	3,149.00	-		0%	\$ 3,149.00

	ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
609	2/19/04 (101b) Con 428 Brown Caldwell Job 03-02 HW-02, HW-03 A-04, KW-06 Renovations:	29,586.97	-		0%	\$ 29,586.97
	Wainiha Booster, Haena Steel Tank, Anahola 0.15 MG Tank, Kekaha Shaft					
610	2/27/04 (101) Con 429 Esaki Surveying M-01, M-02 Job 02-11 Moloaa 50,000 Gal SS Storage Tank	125,200.00	-		0%	\$ 125,200.00
618	9/30/04 (101) PLH-41 Contract 52243 Earthworks Pacific, Inc. Ulaula & Uliuli Rds; PRV, BP & 6" Main, Lihue	19,009.33	"FINAL" -		0%	\$ 19,009.33
630	6/30/05 (101b, 106b) Con 447 Fukunaga & Assoc WK-14 Job 04-02 Vivian Heights Main Repl	5,791.00	-		0%	\$ 5,791.00
634	10/20/05 (101b) WK-30 Con 450 ParEn Inc. Job 04-03 Waipouli- Olohena Rd. Pipeline	28,420.00	-		0%	\$ 28,420.00
638	11/16/05 (101b, 106b) Con 453 Belt Collins HI PLH-30 Job 05-05 Nawili- wili, Niupalu & Kupolo Main	19,938.00	1,260.00		6%	\$ 18,678.00
645	5/19/06 (101, 106b) Con 460 Brown & Caldwell KW-25 Job 05-03 Kapilimao 0.5 MG Tank	5,775.00	-		0%	\$ 5,775.00
647	06/10/06 (101b) Con 462 Eng Solutions Inc now Kennedy/Jenks Consultant KW-05 KW-20 Job 04-06 Waimea Well A & Kekaha B	17,519.31	8,490.40	\$ 1,560.40	48%	\$ 9,028.91
651	9/21/06 (101b) Con 466 Brown & Caldwell KW-28 Job 06-01 Amfac Shaft Renovation, State Well No.5842-02 Phase 1A	108,972.84	8,336.28		8%	\$ 100,636.56
668	01/14/08 (101) Con 484 Wagner Eng. Services Job 02-01 Kukuioiono Tank Site Exchange, Kalaheo	5,210.47	-		0%	\$ 5,210.47
676	11/28/08 (101) Con 497 Kauai Builders Ltd. KW-25 Job 05-03 Kapilimao 0.5 MG Storage Tank	100,682.15	"FINAL" -		0%	\$ 100,682.15
xxx	Install Electrical Saving Device	(203,000.00) (73,722.00) 336,161.00	-		0%	\$ 59,439.00

	ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
694	9/1/2011 Con 538, Esaki Surveying & Mapping, Inc. Job 11-05, As Needed Surveying Services	30,000.00	3,840.00		13%	\$ 26,160.00
696	9/22/2011 Con 546, SSFM International, Inc Job 11-01, As Needed Construction Management Services	50,000.00	22,267.73		45%	\$ 27,732.27
697	11/23/11 BOD Con 562, Goodfellow Brothers Job 02-15, WK-28; Wailua Hse-Its Main Replacement	4,671,000.00	-		0%	\$ 4,671,000.00
698	Con ____ Kauai Habitat for Humanity Over Sizing ML Ext-Ellele Luna Subd	11,465.35	-		0%	\$ 11,465.35
699	Con 555, Lyon Associates Job 11-10, K-18; 8-inch Main Replacement, Halewili Rd, Kalaheo	91,077.00	40,292.51	\$ 7,541.00	44%	\$ 50,784.49
700	9/22/2011 Con 545, AECOM Technical Svc Job 11-11, J-17, PLH-42 Water Treatment Facilities	76,235.93	15,254.54		20%	\$ 60,981.39
701	Con 549, Beylik Drilling & Pump Job 11-14, Puhi Well #4, Trubine Pump Assembly Replacement	49,925.00	-		0%	\$ 49,925.00
702	Con 539, Mears Group, Inc. PLH-03, Kahili Directionally Drilled Horizontal Well	1,928,690.00	237,938.00	\$ 28,730.00	12%	\$ 1,690,752.00
704	Con 547, Inter Pacific Motors, Inc (1) 4WD Cargo Van	52,804.00	"FINAL" 52,804.00		100%	\$ -
706	Con 552, Badger Meter, Inc. Drive by Accoustic Leak Noise Logging System	45,000.00	"FINAL" 10,000.00 35,000.00		78%	\$ -
707	Con 553, Esaki Surveying & Map Job 12-1; H-05, Weke, Anae, Mahimahi and Hee Road; 6" and 8" Main replacement	139,494.44	14,364.38		10%	\$ 125,130.06
709	Con 557, Okahara, Job 11-07 HE-03 Hanapepe & Koloa Well MCC improvements	199,592.00	-		0%	\$ 199,592.00
710	Con 558, R. Electric Job 12-8; Kalepa Back Pressure Valve Replacement	20,372.00	4,227.06	\$ 4,227.06	21%	\$ 16,144.94
711	Con 560, EMA Inc. IT Review & Assessment Planning & Implementation	84,000.00	20,480.87	\$ 20,480.87	24%	\$ 63,519.13
712	Con 561, Goodfellow Brothers Job 02-19; WK-12; Main Replacement, Kuhio Hwy, Wailua	2,147,000.00	-		0%	\$ 2,147,000.00

	ITEM	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
713	Con 564, R. Electric, Inc. Furnish & Install, reduced Voltage soft starters, Power Factor Cor- rection Capacitors, Surge Protective Devices.	73,722.00	-		0%	\$ 73,722.00
714	Con 565, Derrick's Well Drilling Electrical Savings Device Hallow Shaft, Vertical Turbine Pump Motors	203,000.00	-		0%	\$ 203,000.00
715	Con 563, Glenmount Global Solutions, SCADA	100,000.00	-		0%	\$ 100,000.00
716	Con 13-1 MOA Kukuiula Development LO-11	301,021.00	"FINAL" 301,021.00	\$ 301,021.00	100%	\$ -
717	Con 566, Koga Engineering & Job 04-03, WK-30, Pipeline repla- cement along Waipouli Rd & Olo- hena Road	1,744,400.00	-		0%	\$ 1,744,400.00
TOTAL CAPITAL EXPENDITURES:		27,424,309.30	1,342,051.37	401,453.37		26,082,257.93
TOTAL SALARIES, NORMAL EXPENDITURES, DEBT REQUIREMENTS AND CAPITAL EXPENDITURES:		27,424,309.30	1,342,051.37	\$ 401,453.37		\$ 26,082,257.93
		-	-			\$ -
		53,284,479.48	14,401,306.81	\$ 3,319,141.27	27%	\$ 38,883,172.67

**STATEMENT OF REVENUES AND EXPENDITURES
FACILITIES RESERVE CHARGE FUND
January 31, 2013**

REVENUES:

Cash on hand as of July 1, 2012	\$ 3,224,353.68
Add: Revenues To Date	\$ 446,765.47
Sub-Total	\$ 3,671,119.15

EXPENDITURES:

Less: Expenditures To Date	\$ 4,999.50
BALANCE AT THE END OF THE MONTH	\$ 3,666,119.65

**SHORT TERM INVESTMENTS-FRC
BANK OF HAWAII**

CUSIP# \$ -

CENTRAL PACIFIC BANK

CUSIP# \$ -

FIRST HAWAIIAN BANK

CUSIP# T30020174 0.10000% INT. DUE 02/15/13 \$ 500,000.00

MERRILL LYNCH

CUSIP#

MULTI-BANK

CUSIP# 402194CU6	2.50000%	INT. DUE	12/23/13	\$ 240,000.00
CUSIP# 70455AAG5	2.30000%	INT. DUE	12/31/12	\$ 245,000.00
CUSIP# 36160VCH2	5.00000%	INT. DUE	08/06/13	\$ 97,000.00
CUSIP# 89214PAJ8	5.00000%	INT. DUE	08/13/13	\$ 97,000.00
CUSIP# 92705SAE3	1.50000%	INT. DUE	06/07/13	\$ 248,000.00
CUSIP# 70153RGT9	1.50000%	INT. DUE	09/09/13	\$ 249,000.00
CUSIP# 02004MN74	1.50000%	INT. DUE	09/03/13	\$ 248,000.00

TDI (CSA)

CUSIP#

VINING SPARKS

TOTAL SHORT-TERM INVESTMENTS - FRC **\$ 1,924,000.00**

CASH ON WITH TREASURER - COK	01/31/13	\$	206,457.89	
CASH ON HAND - FHB Savings (30-288435)	01/31/13	\$	1,533,489.67	
Due from WU	12/31/12	\$	2,172.09	
January Claims paid in January.				
Less: CLAIMS FOR January 2013				\$ 1,742,119.65

CASH BALANCE AT THE END OF THE MONTH **\$ 3,666,119.65**

DEPARTMENT OF WATER
County of Kauai

JULY 1, 2012 TO JUNE 30, 2013
January 31, 2013

FACILITIES RESERVE CHARGE

% Budget Elapsed 58.33%

CASH RECEIPTS	BUDGETED RECEIPTS	ACTUAL RECEIPTS TO DATE	RECEIPTS FOR THE MONTH	%	BALANCE OF BUDGET OVER ACTUAL RECEIPTS
BEGINNING CASH BALANCE	\$ 3,224,353.68	\$ -	\$ -		\$ 3,224,353.68
(FRC Refunds)			\$ -		
4a Facilities Reserve Charge	\$ 1,000,000.00	\$ 428,100.00	\$ 41,900.00	43%	\$ 571,900.00
5a Interest Earned	\$ 43,750.00	\$ 18,665.47	\$ 1,024.13	43%	\$ 25,084.53
5b BAB Subsidy	\$ 306,692.47			0%	\$ 306,692.47
TOTAL RESOURCES	\$ 4,574,796.15	\$ 446,765.47	\$ 42,924.13	10%	\$ 4,128,030.68
CAPITAL EXPENDITURES	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
301 FRC CIP	\$ (40,425.00) \$ 380,000.00	\$ -	\$ -	0%	\$ 339,575.00
301b FRC Fund Balance	\$ 1,929,505.85	\$ (0.50)		0%	\$ 1,929,506.35
301c FRC Debt Service	\$ 1,968,273.00	\$ -		0%	\$ 1,968,273.00
302 Contract #322 GMP Assoc, Inc. Job 87-1 Poipu Storage Tank	\$ 2,050.00	\$ - \$ -	\$ -	0%	\$ 2,050.00
304 WK-21 Contract # 345 Fukunaga & Assoc. Job 98-33 Wailua Well 3	\$ 10,500.00	\$ -	\$ -	0%	\$ 10,500.00
318 Con 457 Kodani & Assoc Inc H-8 HW-12 Job 05-02 Drill & Test Wainiha Well No. 4	\$ 160,340.00	\$ -		0%	\$ 160,340.00
		\$ -			\$ -

CAPITAL EXPENDITURES	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
1/17/2007 (301) 321 Con 471 PORTech Eng. WK-23 Job 93-1 Wailua 250,000 MG Tank Survey	\$ 7,177.30	\$ "FINAL" -		0%	\$ 7,177.30
03/31/08 (301, 301b) 324 Con 488 HDR Engineering WK-39 Kapaa Hmstds Well No. 4 Drill & Test	\$ 116,950.00	\$ 5,000.00		4%	\$ 111,950.00
1/28/13 (301) 325 Con 567 Esaki Surveying & Mapping, Inc.; Job 12-2, WK-23 UH Experimental Stn 605' Tank	\$ 40,425.00	\$ -			\$ 40,425.00
	\$ -	\$ -			\$ -
	\$ -	\$ -			\$ -
	\$ -	\$ -			\$ -
	\$ -	\$ -			\$ -
TOTAL EXPENDITURES	\$ 4,574,796.15	\$ 4,999.50	\$ -		\$ 4,569,796.65

**STATEMENT OF REVENUES AND EXPENDITURES
BOND - BAB FUND
January 31, 2013**

REVENUES:

Cash on hand as of July 1, 2012	\$ 32,677,748.66
Add: Revenues To Date	\$ <u> -</u>
Sub-Total	\$ 32,677,748.66

EXPENDITURES:

Less: Expenditures To Date	\$ <u>5,682,499.55</u>
BALANCE AT THE END OF THE MONTH	\$ <u>26,995,249.11</u>

SHORT TERM INVESTMENTS - BOND

BANK OF HAWAII

FIRST HAWAIIAN BANK

CUSIP#	1062140	1.1850%	INT. DUE	05/28/14	\$ <u>24,000,000.00</u>
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TOTAL SHORT-TERM INVESTMENTS - BOND	\$ 24,000,000.00
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CASH ON HAND WITH TREASURER - COK	01/31/13	1,035,794.37	
BAB Bond Interest Earned with Bond Company	06/30/12	2,084,421.64	
Due fr W/U		0.00	
Due to BAB -fr WU		0.00	
Due to WU		0.00	
Claims Paid in January 2013		413,208.13	
LESS CLAIMS FOR January 2013	01/31/13	(538,175.03)	\$ <u>2,995,249.11</u>
BALANCE AT THE END OF THE MONTH			\$ <u>26,995,249.11</u>

DEPARTMENT OF WATER
County of Kauai
STATUS OF THE BUDGET
JULY 1, 2012 TO JUNE 30, 2013
January 31, 2013

BUILD AMERICA BONDS (BABs) - FUND

% Budget Elapsed 58.33%

CASH RECEIPTS:		BUDGETED RECEIPTS	TOTAL ACTUAL RECEIPTS TO DATE	RECEIPTS FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL RECEIPTS
BEGINNING CASH BALANCE		\$ 32,677,748.66	\$ -	\$ -		\$ 32,677,748.66
Bond Proceeds		\$ -	\$ -	\$ -	0%	\$ -
Interest Income		\$ 210,000.00	\$ -		0%	\$ 210,000.00
TOTAL RESOURCES		\$ 32,887,748.66	\$ -	\$ -	0%	\$ 32,887,748.66
CAPITAL EXPENDITURES:		BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
201-01 BOND - BAB, CIP		\$ (2,640.81) \$ 21,849,679.22	\$ -		0%	\$ 21,847,038.41
218	5/11/2010 CON 513 Jennings Pacific, LLC Job No. 02-18, WK - 32 Kapaa Hmstds Pipe Repl	\$ 57.00	\$ -		0%	\$ 57.00
219	5/11/10 CON 514 Earthworks Pacific Job No. 04-02, WK-14, Pipeline Repl for Vivian hts	\$ 139,276.41	\$ 105,007.40		75%	\$ 34,269.01
220	6/30/10 CON 516 Unlimited Builders, LLC Job No. 03-02, HW-02, Wainiha Booster Pump Stn	\$ 1,662,632.67	\$ 597,315.41	\$ 7,566.74	36%	\$ 1,065,317.26
221	9/30/10 Con 520 (201-01) Fukunaga & Associates Job # 10-01, Ani-01a Pipeline Repl - Anini RD	\$ 333,560.00	\$ 91,600.00		27%	\$ 241,960.00
222	9/30/10 Con 519 (201-01) Park Engineering Job # 10-02, Upsizing of the Kaumualii Hwy. 16"	\$ 14,102.70	\$ -		0%	\$ 14,102.70
TOTAL EXPENDITURES		\$ 23,996,667.19	\$ 793,922.81	\$ 7,566.74	3%	\$ 23,202,744.38

DEPARTMENT OF WATER
 County of Kauai
 STATUS OF THE BUDGET
 JULY 1, 2012 TO JUNE 30, 2013
 January 31, 2013

BUILD AMERICA BONDS (BABs) - FUND

% Budget Elapsed 58.33%

CAPITAL EXPENDITURES:	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
223 10/31/10 Con 523 (201-01) BCP Constr. Of Hawaii Job 06-06, P:H-25 Eiwa, Umi, Akahi.. 8" ML Repl	\$ 207,527.45	\$ "FINAL" 207,527.45		100%	\$ -
224 10/31/10 Con 524 (201-01) Koga Eng. & Constr., Inc. Job 02-16, WP 2020 Proj WK 36, Pipeline Repl along Wailua Ohana, Anolani & Kuamoo Rds.	\$ 897,084.43	\$ "FINAL" 816,129.43		91%	\$ 80,955.00
225 Con 405 3rd n 4th Amm Kodani & Associates, Inc. Job 02-19, KW-12 Waipouli Main Repl Wailua-Kapaa	\$ 7,370.00	\$ 3,718.72		50%	\$ 3,651.28
227 Con 525 KW-20 R. Electric Waimea Well A Renovations	\$ 2,640.81 \$ 297,296.90	\$ "FINAL" 299,937.43	\$ 38,988.46	101%	\$ 0.28
592 6/28/11 Con 409 Esaki Surveying & Map- ping, Inc.; Job 02-16, WK- 36, P/L replace - Wailua	\$ 65,757.60	\$ 36,001.00	\$ 15,755.50		\$ 29,756.60
230 Con 529 (201-01) Oceanic Company, Inc. Job 02-08, HE-08 Rehabilitation of Eleele Twin 0.4 MG Steel Tanks	\$ 1,239,130.40	\$ 700,317.07		57%	\$ 538,813.33
621 Con 440 Kodani & Associates, Inc. Kilauea 1.0 MG Tank and Pipeline, Ph I (fr W/U)	\$ 179,350.20	\$ 82,860.00	34,864.45		\$ 96,490.20
SUB - TOTAL	\$ 2,896,157.79	\$ 2,146,491.10	\$ 89,608.41		\$ 749,666.69

DEPARTMENT OF WATER
County of Kauai
STATUS OF THE BUDGET
JULY 1, 2012 TO JUNE 30, 2013
January 31, 2013

BUILD AMERICA BONDS (BABs) - FUND

% Budget Elapsed 58.33%

	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURES TO DATE	EXPENDITURES FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
231 Con 530 (201-01) Earthworks Pacific Job 02-19, WK-12 Waipouli Main Replacement	\$ 672,617.08	\$ 386,642.39		57%	\$ 285,974.69
232 Con 427 (201-01) Belt Collins Hawaii, Ltd. Job 02-14, Kapaa Hmstds 0.5 MG Storage Tank & Kapahi 1.0 MG Storg Tank	\$ 30,637.80	\$ 4,820.46		16%	\$ 25,817.34
608 Con 427 (201-01) Belt Collins Hawaii, Ltd. Job 02-14, Kapaa Hmstds 0.5 MG Storage Tank & Kapahi 1.0 MG Storg Tank	\$ 25,922.00	\$ -		0%	\$ 25,922.00
233 Con 533 (201-01) Belt Collins Hawaii, Ltd. Job K-01, K-12, Kalaheo 1111' and 1222' Water System Improvements	\$ 466,710.49	\$ 37,671.40		8%	\$ 429,039.09
683 Con 503 (201-01) Goodfellow Brothers, Inc. Job 04-06, KW-05, Kekaha Well "B" Renovations	\$ 43,203.60	\$ 42,828.60		99%	\$ 375.00
235 Con 534 (201-01) Goodfellow Brothers, Inc. Job 05-05, PLH-30, Niumalu & Kupolo 6-inch, 8-inch and 12" Main Replacement PH I	\$ 742,006.00	\$ 689,732.75	\$ 374,219.67	93%	\$ 52,273.25
236 Job 10-02, MOA Dept of Trans portation/Kiewit-Kaunualii Hwy widening, Anonui Rd and Lihue Mill Bridge.	\$ 151,027.27	\$ -		0%	\$ 151,027.27
237 6/28/2011 (201-01) Con 536, Esaki Surveying & Mapping, Inc., Job 11-02, PLH-01a Replace Grove Farm Tanks #1 & #2	\$ 198,023.00	\$ -		0%	\$ 198,023.00
238 Con 544, HONUUA Engineering, Job 11-04 (L-08, L-10) Water Main Replacement & Service Improvement	\$ 60,400.00	\$ -		0%	\$ 60,400.00
692 6/28/11 Con 512 - Architects Hawaii, Ltd., Job No. PLH-39; Lihue Baseyard Improvements for DOW	\$ 383,988.44	\$ 376,612.14	\$ 22,233.76	98%	\$ 7,376.30
TOTAL EXPENDITURES	\$ 29,667,360.66	\$ 4,478,721.65	\$ 493,628.58		\$ 25,188,639.01

DEPARTMENT OF WATER
 County of Kauai
 STATUS OF THE BUDGET
 JULY 1, 2012 TO JUNE 30, 2013
 January 31, 2013

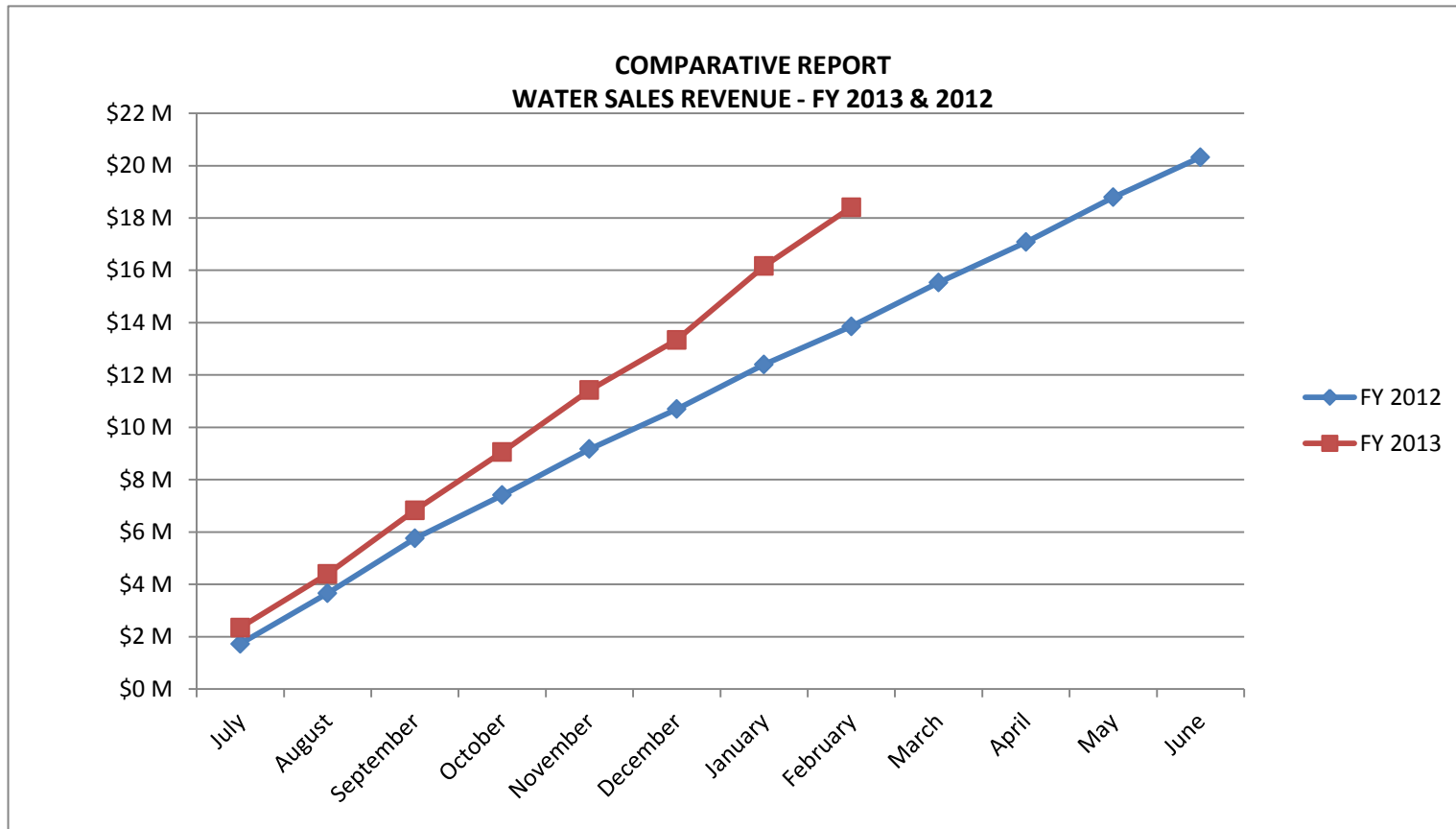
BUILD AMERICA BONDS (BABs) - FUND

% Budget Elapsed 58.33%

CAPITAL EXPENDITURES:	BUDGETED AMOUNT	TOTAL ACTUAL EXPENDITURE S TO DATE	EXPENDITURE S FOR THE MONTH	%	BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES
239 Con 542, (201-01) MEI Corporation Job 02-17, H-01, H-02, H-03 Maka Ridge Facilities Rehab & Princeville Interconnection Plan	\$ 2,500,000.00	\$ 1,111,444.90	\$ 36,965.45	44%	\$ 1,388,555.10
240 Con 543, (201-01) Oceanit Laboratories, Inc. Job 11-03, M-03 Land & Well Acquisition, Moloaa and Waimea, Kauai	\$ 144,309.00	\$ 50,863.00	\$ 7,581.00	35%	\$ 93,446.00
241 Con 457, (201-01) Kodani & Associates Inc. Job 05-02, H-8, HW-12 Drill & Test Hanalei Well #2 & Wainiha Well #4	\$ 32,430.00	\$ -		0%	\$ 32,430.00
242 Job 02-11, M-02 Land Acquisition	\$ 121,000.00	\$ -		0%	\$ - \$ 121,000.00
243 Contract 550 (201-01) Honua Engineering, Inc. Job 11-06, WK-01	\$ 81,340.00	\$ -		0%	\$ 81,340.00
244 Con 551, (201-01) Esaki Surveying & Mapping, Inc Job K-05A, Kukuioolono 0.5 MG 886' Tank	\$ 247,087.00	\$ 41,470.00			\$ 205,617.00
610 Con 429, Esaki Surveying & Mapping, Inc. Job 02-11, M-02, 100,000 Gal. Tank & Pipeline, Moloaa	\$ 94,222.00	\$ -			\$ 94,222.00
		\$ -			\$ -
		\$ -			\$ -
		\$ -			\$ -
TOTAL EXPENDITURES	\$ 32,887,748.66	\$ 5,682,499.55	\$ 538,175.03		\$ 27,205,249.11

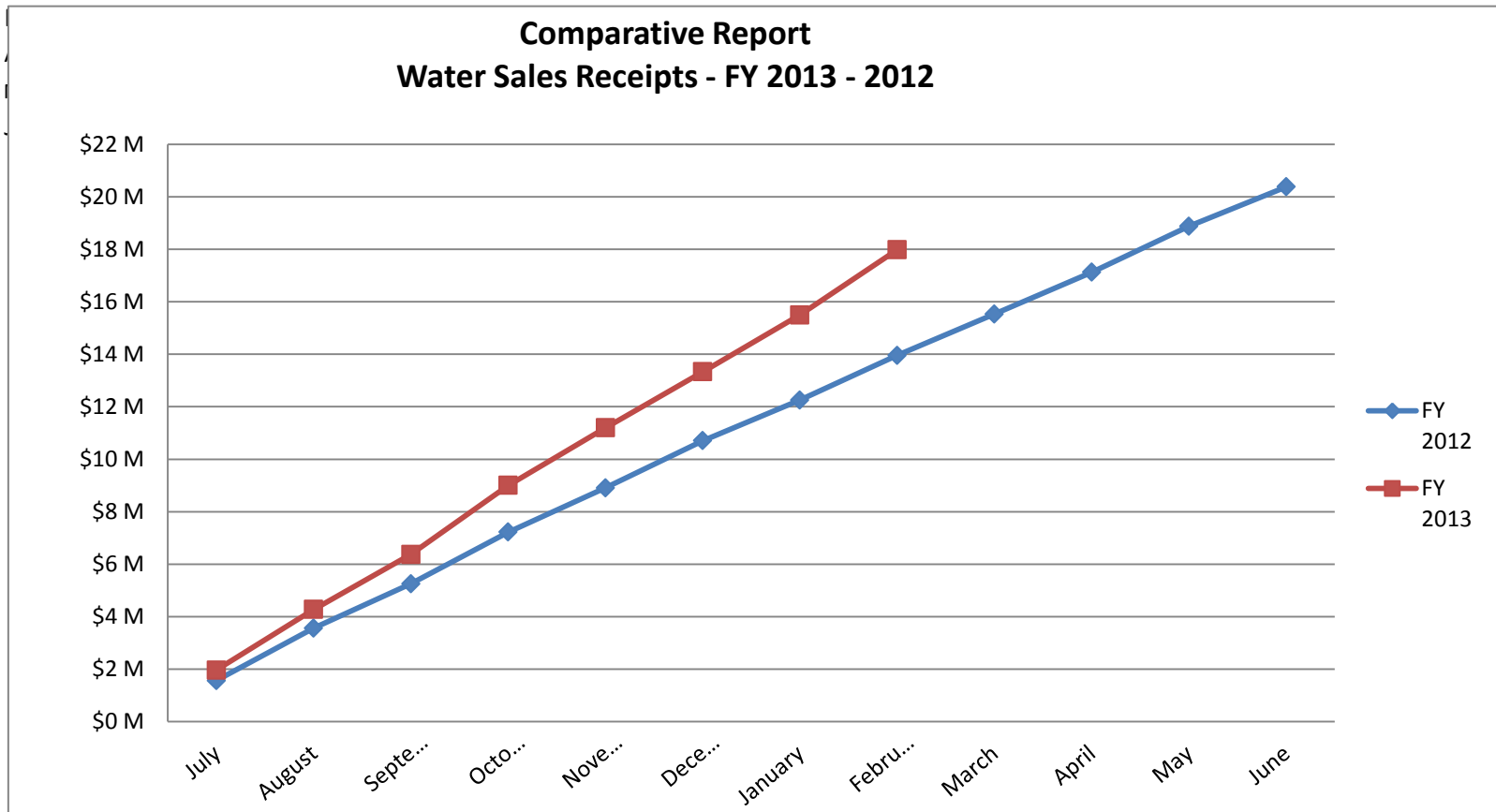
REVENUE COMPARATIVE REPORT
AS OF FEBRUARY, 2012 & 2013

	FY 2012		FY 2013		Inc (Dec)		
July	\$	1,724,579	\$	2,346,892	\$	622,313	36.08%
August	\$	3,660,136	\$	4,399,666	\$	739,530	20.20%
September	\$	5,753,515	\$	6,828,224	\$	1,074,709	18.68%
October	\$	7,408,261	\$	9,056,386	\$	1,648,125	22.25%
November	\$	9,166,600	\$	11,423,911	\$	2,257,310	24.63%
December	\$	10,693,795	\$	13,338,790	\$	2,644,995	24.73%
January	\$	12,400,040	\$	16,163,728	\$	3,763,689	30.35%
February	\$	13,853,766	\$	18,406,878	\$	4,553,112	32.87%



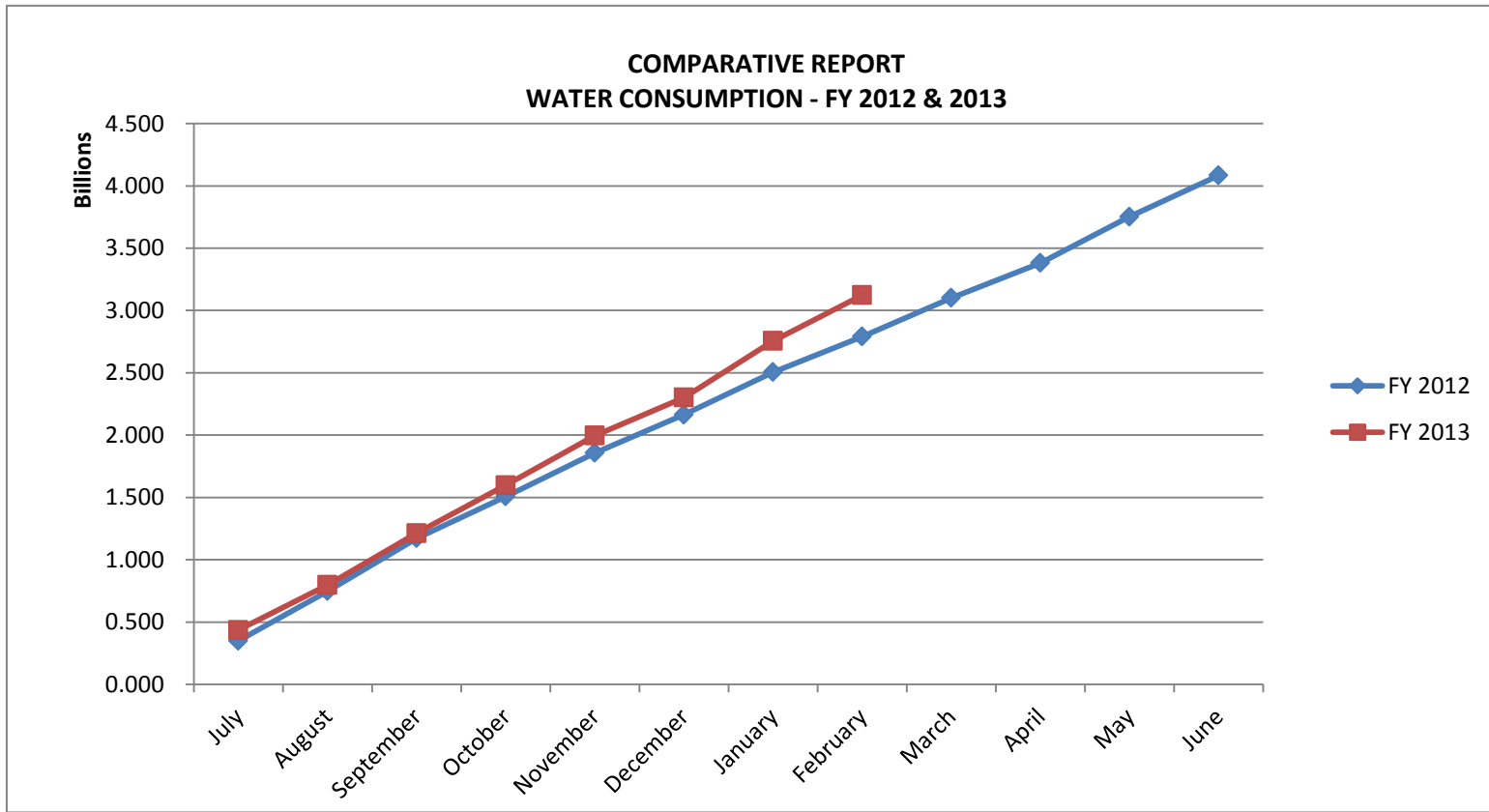
WATER SALES RECEIPT COMPARATIVE REPORT
AS OF FEBRUARY, 2012 & 2013

		FY 2012		FY 2013		Inc (Dec)
July	\$	1,564,012	\$	1,964,915	\$	400,903
August	\$	3,564,618	\$	4,275,571	\$	710,953
September	\$	5,250,808	\$	6,370,743	\$	1,119,935
October	\$	7,221,874	\$	9,006,500	\$	1,784,626
November	\$	8,905,488	\$	11,197,586	\$	2,292,098
December	\$	10,706,608	\$	13,332,029	\$	2,625,421
January	\$	12,254,208	\$	15,496,524	\$	3,242,316
February	\$	13,957,587	\$	17,978,954	\$	4,021,367



WATER CONSUMPTION (GALLONS) COMPARATIVE REPORT
AS OF FEBRUARY, 2012 & 2013

	<u>FY 2012</u>	<u>FY 2013</u>	<u>INC (DEC)</u>
July	349,500	436,238	86,738
August	748,067	797,837	49,770
September	1,172,622	1,213,013	40,391
October	1,507,452	1,597,947	90,495
November	1,857,997	1,996,810	138,813
December	2,164,504	2,302,086	137,582
January	2,505,086	2,755,898	250,812
February	2,790,363	3,122,872	332,510



3 consumption in gallons

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

PR SPECIALIST REPORT

March 21, 2013

Press Releases: A press release notifying a planned water outage on February 20th and 21st for the residents in the Kōloa area was sent out on February 19th. A follow-up cancellation release was sent out the following day notifying Kōloa residents that work scheduled for February 21st was postponed until further notice.

Notification postcards were mailed to residents in the Kapa'a-Wailua area (Olohena, Hauiki and Waipouli roads) for pipeline replacement work beginning March 2013 with anticipated completion in December 2013 on March 5th.

Assisted the CC&B team with wording and information on upcoming bill stuffers and press releases regarding changes in the billing cycle and payment processes that will be sent out to our customers.

Assisted Goodfellow Bros. Inc (GBI) in arranging a blessing for work to begin in the Wailua Houselots area. Blessing was held on March 18th at the Wailua Houselots park pavilion. PR notified Dennis Fujimoto of The Garden Island newspaper of the blessing and the invitation to attend was extended to him.

A press release announcing the completion of renovation work done on Waimea Well A was sent to the County PIO office for dissemination on March 8th.

A press release announcing the completion of pipeline replacement work done in the Līhu'e water system (Nāwiliwili, Niumalu and Kupolo Roads) was sent to the County PIO office for dissemination on March 11th.

Water System Development Fee (WSDF): Attended a meeting with Board Members and members of the Kaua'i Chamber of Commerce on February 21st. Minutes from that meeting are attached.

PR Division fielded numerous calls and emails/correspondence regarding the WSDF from the public. All comments and feedback have been sent directly to department Manager. Any requests for meetings have been forwarded and handled by Manager's Private Secretary.

Conservation: In recognition of Detect-a-Leak-Week (March 18-24, 2013), Governor Abercrombie read a proclamation at the State Capitol on March 1st. Copy of the state proclamation is attached.

At the County level, a proclamation in recognition of Detect-a-Leak Week was also read by Mayor Carvalho on Monday, March 11th at 11:30 a.m. at the County Building Rotunda. Invitation was extended to Dennis Fujimoto with The Garden Island Newspaper. Copy of the county proclamation is attached.

The Memorandum of Agreement for the joint multi-agency partnership Summer Ad Conservation campaign has been drafted and signed. The Department dedicated \$10K towards these efforts to roll out conservation ads during the summer of 2013.

Directionally Drilled Well: Accompanied EIS Scoping group on a Kahili Site Tour of three prospected drill site locations on February 27th. On March 1st sat in on project meeting with the team to go/get updates over EIS scoping meeting schedule, permits, schedule and contract extensions, and economic feasibility study pieces. The Department will host an EIS scoping meeting on April 11th at the King Kaumuali'i Elementary School Cafeteria. PR Division will assist with the meeting logistics as needed.

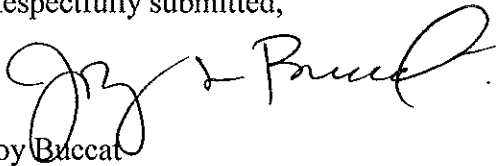
Source Water/Wellhead Protection Program Grant: The committee for the Development & Implementation of a Source Water/Wellhead Protection Program completed the contractor selection process and made a recommendation to the manager to hire out Hawai'i Rural Water to draft a Source Water/Wellhead Protection Program for the Department. A follow-up meeting with Dan Chang of the Department of Health Safe Drinking Water Branch was held on March 7th to discuss contract extension and next steps.

The department has received a notice to proceed for a Source Protection Education through Project WET program with funds from the Department of Health Safe Drinking Water Branch. The three year \$230K grant includes contractual services for a State Project WET Facilitator, State Correlations of PWET activities, and support/supplies.

Miscellaneous: A single sentence published in a recent article in The Garden Island newspaper on March 5th regarding atrazine in the water prompted at least one call to the Department by a concerned Kekaha resident. This call was forwarded to our Microlab personnel who assisted in answering the customer's questions/concerns. Many thanks to Carl Arume and his microlab team for offering to continue to send all calls/inquiries regarding atrazine in our water supply to them for handling. Article referenced is attached to this report.

The PR Specialist will be on leave March 14 – 31, 2013 with anticipated return to work date on April 1st.

Respectfully submitted,



Joy Buccat
Public Relations Specialist

JB/ein

Attached: WSDF – Kaua'i Chamber of Commerce Meeting Notes and Handouts
Detect-A-Week Proclamations – Governor Abercrombie & Mayor Bernard P. Carvalho, Jr.
The Garden Island Article – Experts Atrazine a real threat to Westside Residents

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

WATER SYSTEM DEVELOPMENT FEE

Kaua'i Chamber of Commerce Meeting with the Department of Water NOTES

Presenter: David Craddick, Manager and Chief Engineer
Mo`ikeha Building, Conference Room 1
February 21, 2013, 9:00 am

Board Members

Randy Nishimura, Chair
Roy Oyama

Kaua'i Chamber of Commerce

Randall Francisco
Tom Rice
Chris Gampon
Carol Texeira
Jonathan Chun
Kurt Akamine
Health Prow
Jan TenBruggencat

Department of Water Staff

David Craddick, Manager
Deputy County Attorney Andrea Suzuki
Mary-jane Garasi, Private Secretary
Joy Buccat, Public Relations
Edie Ignacio Neumiller, Board Secretary

Randall – Chamber met with the Governor's Affairs Committee (GAC).
Wanted clarification if the March 8th date for comments was a definitive date.

David – Clarified that until the Board decides on the rate issue, there will be several times for the public to give comments during the Board meetings and at a public hearing. Before the Board provides final action, the public can give comments again.

Kurt Akamine, Co-Chair, GAC – Read several of Chamber member's concerns/comments:

1. Any increase in price will negatively impact people's ability to buy homes. It is already extremely difficult to purchase a home and this increase along with increases on solar water heating installation compliance and possibly mandatory sprinklers increase requirements to our money will make it more difficult.
2. The rate itself in the SAIC study needs to be reexamined. The projected cost without any deep digging seems very high. If \$663M is reduced, then the rate will also reduce. The DOW standards for water use, 750 gpd for a single family is significantly higher. If people are required to build this to standard, the DOW requires people to have 15% for unaccounted water loss.
3. What has happened to all these excess water?
4. How is there such a deficient yet, people still have water? The projected demand is not as great on what is reported.
5. This goes along the lines of better management and operations of the water system.

David – Clarified the correct amount of \$240M for expansion projects that total Water Plan 2020 which is \$600M; \$40M is system replacement cost that does not come out of the fee. The staff has concerns about unfettered growth.

Kurt – Read a Chamber member question:

1. Did the Board and the DOW look internally as to running more efficiently than funds can do it?
Example: do a management audit to see if the Department is running efficiently, if not could resources mitigate the (inaudible)

David – The operations of the DOW have nothing to do with raising or lowering the fee. Operating more efficiently could be applied to the fee only to charge for the water that is used. Main issue - If a customer needs less water than the standard, why should the customer be paying median and subsidize the large users.

Staff has told the Board this may cause an increase in staff and processing time. This is not a justification to overcharge someone who is doing affordable housing.

Jan – Data point regarding whether the DOW should do what it does less expensively. \$17,000 per meter, Kukui'ula's development per meter charge was \$22,000. Private industry did it for \$5,000 more than the DOW anticipates. The numbers are in the ballpark.

Andrea – Legally impact fees cannot go to the operating cost to the Department, it goes to Development.

Tom – Questioned if the current fee to replace the water meter is ¼ of what the cost is?

David – Cost is about 3.5 times. Fee has jumped from \$600 to \$2,000 which was 3.3 times before.

Tom – Questioned if the taxpayers are supporting this?

David – Nothing is being done and the DOW is telling people there is no water. If a customer does not have a tank, they have to build it or put in a transmission line which is not workable.

David – Another solution is to use rate payer money.

Jonathan – (see his draft letter, final to be submitted later) - The reports alludes to options but never outlines what the options are. The only option was the bond financing of 10%.

Jonathan would like the Board, in the report, to outline other options to be considered. What is the fee amount to be raised? The public needs to know.

David - Every \$1M is a 5% rate increase.

Jonathan – Questioned if the Board looked at the other financial solutions that the Board used in the past?

Suggested to have the potential developers partner with the projects to lower the department's cost? Do an ordinance / improvement district

David – Main issue in the rules - If the developer can do this cheaper than the DOW, in the current rules, the developer has to pay the difference of what it costs the developer and the fee to the DOW which is being written out of the rule. The Board would never agree to give the developer money because it would cost them more than the DOW to develop something.

The DOW has received grants (an option) for projects that work. The past four years DOW has not received any grants. Grant monies would not help with the community.

Randall – Questioned if the legislators put monies in their districts.

David – The affordable housing projects have been moved up in the CIP projects.

Jonathan – An analysis should be made in terms of projects of the DOW's priority #1 and priority #2. DOW could do a combination to raise rates overall and FRCs which would be much less than \$17,000.

Andrea – The Board has adopted a user pay system.

Jonathan – Some people assumed when they came on the system, paid the full fee which he feels is a false assumption. The developer could pay a portion of the project cost.

David – The issue of partnering with developers can be done anytime. To force the developers do more than what is needed cannot be done anymore based on Supreme Court Ruling. This is not an option going forward.

On the \$60M bond, the DOW is paying 6.2%. No developer can provide this cheaper than the DOW if they are building to standard with this fee.

Jonathan – Questioned who can spread the cost to the ultimate homeowner at a better price, or spread the cost over the FRC? The developer can spread the cost over certain units. The developer have more flexibility over the DOW on how to collect the cost by other means.

David –The DOW has to be careful that is not in the community plan. The DOW would not want the facilities to be sitting for a long period of time which depreciates. The developers would need to pay for the upkeep. Depreciation is part of the rates.

Randall – The Chamber members issue is -- who is going to pay for the fees?

David - Meter cost has risen from 1970 by 6.9%/yr. The Board is considering to indexing the fee.

Randall – Suggested the DOW's PR firm include more background information for a person who is planning to buy a house for better understanding.

David – Current rules states, you need to pay by the unit and the 5/8” meter. Size the meter by using fixture units if someone is just building a house. Pay for what the homeowner needs. To determine the fee for units, a charge can be determined by using a 5/8” meter. By taking the consultant’s per gallon number and x by 780 = \$17,160 charge. The fee is based on a unit concept, which has to go out the door with the staff doing more work.

Health – Expressed \$17,000 (not including the installation) is a large number and harder for people to built homes.

David – The \$17,000 is used for 750 gpd peak (500 gpd/standard use). If a homeowner is not using that much water why should they be using that (which David has expressed to the Board). The Board is only listening to staff to properly size the charge.

Randall – The Water Plan is to 2020 for the projects. Quersted if the projects will be achieved.

David – If the DOW doesn’t get the money, the projects may go to 2015. If the community plan changes, the numbers can go up/down.

Randall – Requested comments from Roy Oyama on where the Board is on this issue.

Roy O. – The development of the water system and FRC charges is far behind. In the past, the legislators and former Manager, Ray Sato was able to get state funding for all projects. The vision is to collaborate the Mayor, the representatives and the federal level. He cautioned whatever is paid for FRC per meter belongs to the DOW.

Randall – Understands where we are now because of past practices.

He would recommend that the charges get subsidized.

The Board should continue to listen to the staff because they have a critical role in the process.

Improve communication to avoid the public’s shock treatment.

Tom – Understands there is no subsidy. Gave examples of rates were \$4,000/mo for 5 years – if a customer doesn’t pay, turn off the water.

David – Debt has been issued and the rates jumped up to cover the debt even for the expansion if the DOW fails to increase the fee. The rates will inflate after 2014 if the rates increase. Since 1990, DOW finally broke even the cost of doing business. In 2006 would have defaulted on the bonds if the Board did not increase the rates at that time. 9 years of increases averaged of 9% each year.

Jan T. – The Board is looking at three fundamental alternatives if there is no grant money.

1. Stopping expanding the system
2. Expand the system and have new users pay their share
3. Let everybody pay to expand the system
4. Blending of the two
5. Write in public comment

The Board needs to hear the Chamber members concerns and direction. From the seven community meetings, comments from the public were “let the new users pay.”

Randall – Suggested:

1. Suggested the DOW do an interview with The Garden Island (TGI). He offered to contact Laurie with the Business section or Casey, Publisher of TGI.
2. On the monthly bill – list the points, list the three options and for the public to let the DOW know how they feel.
3. Include PR in the Chamber’s monthly FAQ’s page PR which cost \$6,000.

Jonathan & David agree – Big issue for the public to be informed about the fixture unit count.

Heath – Questioned if the DOW raises the rates, everybody doesn’t have a tank and would take years to build a tank, the situation re fixture unit does not relate.

David – The DOW still has bond money left and the shovel ready projects will go when the fees are approved. The rates do not deal with aging system or replacing the system which is covered through rates.

Chair Nishimura –The Finance Committee is currently discussing the rates and will not make a decision on the dollar amount until the language is completed. Does not know when the product will be for the Board to evaluate and is too early to comment on time frames.

Encouraged to send the comments to the DOW and the Board by the March 8th deadline.

David distributed a handout on Water Impact Fee on the WSDF to the Chamber members. He referred to slide #6 in the handout regarding a public hearing will be scheduled for Benefit Zones.

Randall – The Chamber will provide recommendations and comments to the DOW.

ein

FEB 21 2013

Board of Water Supply

County of Kauai

Re: Proposed FRC Increase

Dear Chair and board members:

Thank you for this opportunity to comment on the proposed FRC increase as set forth in the Draft 2013 Needs Assessment Update and Facility Reserve Charge Update. ("Report") I applaud the Department of Water's effort and thoughtful consideration of the island's future water needs. The Report proposes an increase to the current Facility Reserve Charge ("FRC") of \$572 per fixture unit which equates to approximately \$17,600 per single family residence. This compares to the existing FRC of \$4,600 per single-family dwelling. The Report notes this equals to an increase between 151% and 373 % over the existing fee (depending on the size of the matter and the category of service). The Report goes on and states the Board should consider the impacts to the customers and that the "[s]ignificant increases in FRC rates can have a material impact on business expansion and community development plans. The current analysis results in between 151 percent and 373 percent increase to current FRCs. It is recommended that the DOW Board carefully consider the impacts of such an increase on its service area." In addition the Report asks the Board to "[c]onsider phasing in the full increase of the FRC so affected parties can appropriately adjust to the impacts of the new fee. Conversely, while a longer phase-in period allows these affected parties time to adjust, during that period the level of fee collected will be lower than this analysis indicates is required to fund the required level of system expansion. The DOW Board should carefully consider the impact of phasing in the fee over a short or long period." I agree with these observations as noted by the Report.

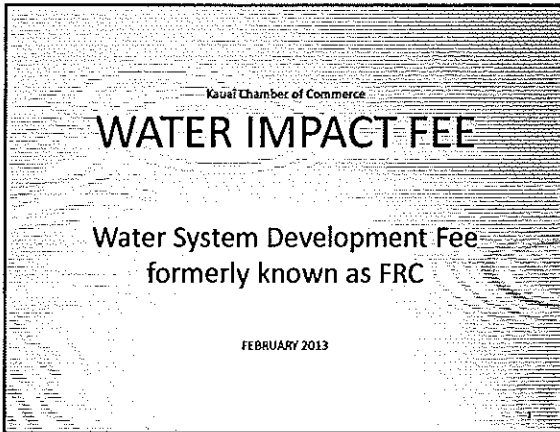
It is my concern that an increase of such proportion will have a significant negative impact on the ability of many of our young adults who grew up here to stay and start their own families. The cost of housing is steadily rising at a pace higher than the average income. This increase will make it even more difficult for our own children to stay here on Kauai.

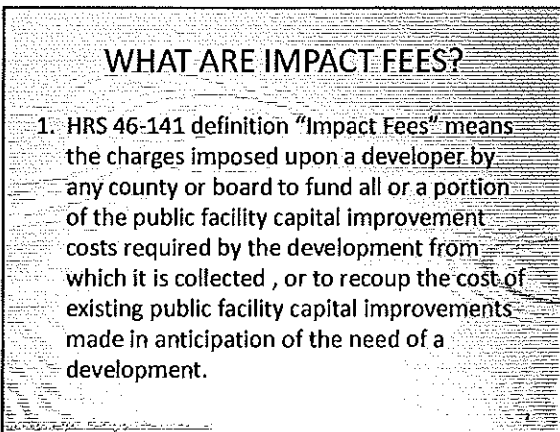
Secondly, this increase will have a significant impact to the business community, especially the construction industry that relies on new construction to maintain its work force. While we are currently experiencing an economic

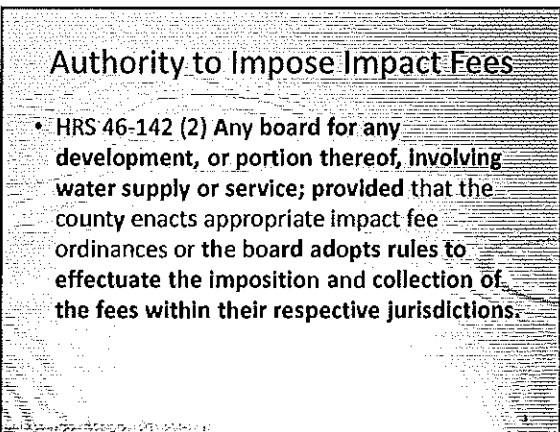
resurgence most of the experts agree that this is a "fragile" recovery, which could easily be derailed. While I would agree there is no "right time" to increase fees and costs an increase of this magnitude will definitely have a chilling effect on our economy.

This is not to suggest to the Board that I don't believe any fees should be increased. The Report clearly indicates there are currently numerous deficiencies within the system that need to be addressed. Failure to address these deficiencies will also have long-term negative repercussions. Prudent planning requires that the existing and future needs of our water system be addressed. I do not hold myself out as an expert nor do I pretend to have all the answers. I also am confident that the authors of the Report have also seriously considered these concerns in their deliberations. What is clear is the Board needs to increase the amount of funds it has available to meet the current and future water needs of this island. The question is how to raise these funds. The Report suggests one method is to raise the FRC. I would suggest, however, that other methods can also be used to finance the additional costs of meeting the current and future water needs of the island. One method, which has already been alluded to in the Report, is to utilize bond funding to pay for some of these costs. The Report takes into consideration that approximately 10% of the required funding needs will be financed through bonds. I would suggest the percentage could be increased. The third funding source that could be considered is designating a portion of this increase to be paid through an increase in the water rates. This would be appropriate given that a good portion of the deficiencies relate to the current system and users. I have heard current customers might object to having to pay more for their water in order to help pay for other people's future water use. Existing customers might argue that it is only fair for new users to have to pay for the cost of providing water to them and it would be unfair for current users to have to pay the costs for new users. These arguments should not be dismissed lightly and should be considered. I would note, however, that this argument assumes the current users paid their fair share when they first hooked up to the system and was not otherwise subsidized. This assumption, however, might not be valid since the Report itself indicates the system has consistently been under funded to meet current and future deficiencies. If this is true it is a fallacy to assume that all existing water users paid the actual cost to have water service extended to their property.

I would respectfully ask the Board to carefully examine whether alternative financing mechanisms be used to fund the improvements to the water system to address the current and future deficiencies in the system. The FRC is just one of many mechanisms the Board can utilize and perhaps a combination of all potential funding sources could be used to minimize the impact on any one group of users. I thank you for your time and kind consideration of these thoughts.







HRS 46-144

- **\$46-144 Collection and expenditure of impact fees.** Collection and expenditure of impact fees assessed, imposed, levied, and collected for development shall be reasonably related to the benefits accruing to the development. To determine whether the fees are reasonably related, the impact fee ordinance or board rule shall provide that:

HRS 46-144

- (1) Upon collection, the fees shall be deposited in a special trust fund or interest-bearing account. The portion that constitutes recoupment may be transferred to any appropriate fund;

HRS 46-144(Benefit Zone)

- (2) Collection and expenditure shall be localized to provide a reasonable benefit to the development. A county or board shall establish geographically limited benefit zones for this purpose; provided that zones shall not be required if a reasonable benefit can be otherwise derived. Benefit zones shall be appropriate to the particular public facility and the county or board. A county or board shall explain in writing and disclose at a public hearing reasons for establishing or not establishing benefit zones;

HRS 46-144

- (3) Except for recoupment, impact fees shall not be collected from a developer until approval of a needs assessment study that sets out planned expenditures bearing a substantial relationship to the needs or anticipated needs created by the development;

HRS 46-144

- (4) Impact fees shall be expended for public facilities of the type for which they are collected and of reasonable benefit to the development; and

HRS 46-144

- (5) Within six years of the date of collection, the impact fees shall be expended or encumbered for the construction of public facility capital improvements that are consistent with the needs assessment study and of reasonable benefit to the development. [L 1992, c 282, pt of §2; am L 2001, c 235, §4]

Policy Issue: WHO PAYS?

CHOICES	PRO	CON
<ol style="list-style-type: none"> 1. DEVELOPERS "User Pays" 2. RATE PAYERS 3. SHARED COST 4. WAIT FOR GRANTS 	<ol style="list-style-type: none"> 1. Developers are causing the demand and getting the benefit. 2. Larger base. 3. Only hurts when you look at your bill. 4. Easy on Staff. 	<ol style="list-style-type: none"> 1. DOW waited too long. 2. System replacements costs are already high. 3. No benefit to the rate payer. 4. State and Feds have issues of their own.

Policy Issue: HOW MUCH WATER DO YOU PAY FOR?

CHOICES	PRO	CON
<ol style="list-style-type: none"> 1. According to DOW/AWWA Standards. 2. What is needed. 3. By the "Unit" if more than the standard. 	<ol style="list-style-type: none"> 1. Easy to implement. 2. Affordable for lower uses. I.e. "Affordable Housing" "Ohana or low water use ADU" 3. Easy to implement 	<ol style="list-style-type: none"> 1. a) DOW only has a standard for single family use which is an average. b) Under charges higher use. c) Over charges low use. 2. a) May need additional personnel to implement and may take more time to process. b) Difficult to catch those who try to get around the rules. 2. Overcharges for business uses.

Policy Issue: TIME of METER INSTALLATION

Choices	PRO	CON
<ol style="list-style-type: none"> 1. As soon as the premise is ready to accept service 2. When ever the developer wants. 	<ol style="list-style-type: none"> 1. Simple to implement. <ol style="list-style-type: none"> a) Reduces water theft b) Helps pay operating costs. c) Simple to track the use. 2. Simple to implement 	<ol style="list-style-type: none"> 1. If the premise is unoccupied may be subject to leaks. (could close discharge valve) 2. Subject to increasing fee to maintain the reservation.

Policy Issue: FUTURE INCREASES

Choices	PRO	CON
<ol style="list-style-type: none">1. Incremental increases according to construction cost index.2. Wait until fee is determined to be too low and implement a large increase.	<ol style="list-style-type: none">1. Simple to implement.2. Simple to implement.	<ol style="list-style-type: none">1. May need additional personnel to implement.2. FEE SHOCK from large jumps in the fee.

Policy Issue: Pay Fee and Build Facilities

Choices	PRO	CON
<ol style="list-style-type: none">1. YES.2. NO.	<ol style="list-style-type: none">1. ????2. Developer manages its own affairs.	<ol style="list-style-type: none">1. DOW must track developers funds to make sure the funds are not spent and returns it with no interest.2. ??????

Policy Issue: HOW MUCH WATER CAN ONE DEVELOPER REQUEST

Choices	PRO	CON
<ol style="list-style-type: none">1. ALL.2. SOME %.	<ol style="list-style-type: none">1. Helps DOW utilize it facilities to the maximum.2. Leaves some water for smaller developments.	<ol style="list-style-type: none">1. No water for anyone else.2. ? Must have provision for the last service.

Policy Issue: ALLOCATION OF GRANT FUNDS that have arisen from State or Federal Taxes

Choices	PRO	CON
<ol style="list-style-type: none">1. ALL to grantor or their beneficiary.2. Some to others.	<ol style="list-style-type: none">1. The grantor gave the grant for a purpose.2. Others pay their fair share of taxes.	<ol style="list-style-type: none">1. DOW must track grantors funds to make sure the funds are allocated according to the grant and how the grant was gotten.2. Would not enhance obtaining grants.

Policy Issue: Issues brought up by group

Choices	PRO	CON
	<ol style="list-style-type: none">1.	

Policy Issue: Issues brought up by group

Choices	PRO	CON
	<ol style="list-style-type: none">1.	<ol style="list-style-type: none">1.

How are issues handled with proposed rules?

1. Current rules tie up water with unlimited time to use, while others may be told there is no availability of water.
Solution: Prepayment at subdivision time with 12 months to obtain building permit. Building permit will require meter to be installed prior to beginning construction.

2. Current rules require developers to pay the fees even though the plan is to provide the service, resulting in DOW having to return collected fees.
Solution: Stop collecting fees for developments providing the service required. Instead require bond for improvements or improvements completed before final approval.

How are issues handled with proposed rules?

3. No allowance for credits in areas where water is adequate for facilities provided elsewhere.
Solution: Allow credits in areas where the system has adequate services for projects built anywhere. I.e.: State grant funds for source storage and transmission projects go back to the state for state identified beneficiaries: Ag meters, Hawaiian Homes, State Departments.
This does require accounting work to track the credits and project values less depreciation.

4. No rule limiting single developer from taking all available water.
Solution: None in proposed rule or existing rule.

How are issues handled with proposed rules?

5. Current methodology is for fee to be determined based on meter size. There is a very large range over which meters are used. There needs to be some methodology to reduce the meter fee if usage is much lower than normal.

How are issues handled with proposed rules?
6. Issues brought up by group

HRS 46-143
§46-143 Impact fee calculation. (a) A county council or board considering the enactment or adoption of impact fees shall first approve a needs assessment study that shall identify the kinds of public facilities for which the fees shall be imposed. The study shall be prepared by an engineer, architect, or other qualified professional and shall identify service standard levels, project public facility capital improvement needs, and differentiate between existing and future needs.

HRS 46-143
§46-143 Impact fee calculation.
(d) An impact fee shall be substantially related to the needs arising from the development and shall not exceed a proportionate share of the costs incurred or to be incurred in accommodating the development. The following seven factors shall be considered in determining a proportionate share of public facility capital improvement costs:

HRS 46-143

§46-143 Impact fee calculation.
 (6) The extent to which a developer required to pay impact fees over the next twenty years may reasonably be anticipated to contribute to the cost of existing public facility capital improvements through user fees, debt service payments, or other payments, and any credits that may accrue to a development because of future payments; and

RW BECK / SAIC

Consultant Draft Report
Needs Assessment Study &
Facilities Reserve Charge Update
at
<kauaiwater.org>

CONSULTANT PROPOSAL

	2012	2013	2014	2015
SOURCE	\$316,000	\$1,627	\$1,400	14%
STORAGE	\$280,000	\$5,781	\$6,830	34%
TRANSMISSION	\$303,000	\$32,055	\$8,060	40%
Credit	\$268,000	\$ (2,654)	\$ (1,882)	
TOTAL	\$631,000	\$17,809	\$14,308	13%

PART 4 Proposed Water System Development Fee Schedule				
	\$ per Fixture Unit	\$ per gallon	\$ per 1/8" meter	PERCENTAGE
SOURCE	\$104.00	\$4.16	\$3120.00	18%
STORAGE	\$196.00	\$7.84	\$5880.00	34%
TRANSMISSION	\$272.00	\$10.88	\$8160.00	48%
After Credit deducted from SOURCE, STORAGE, TRANSMISSION	\$(0.00)	\$(0.00)	\$(0)	
TOTAL	\$572	\$22.88	\$17,160	100%

THANK YOU

Additional Concerns



Proclamation

Presented

In Recognition of Detect-A-Leak Week

WHEREAS, the State Commission on Water Resource Management and its partner organizations – including the county water utilities on Hawai'i, Kaua'i, Maui and O'ahu and the Hawai'i Rural Water Association – will promote **Detect-A-Leak Week**, a public outreach program in March 2013 to raise awareness among all water users that they should check their fixtures for leaks; and

WHEREAS, the State Commission on Water Resource Management and its partnership organizations for **Detect-A-Leak Week** reminds us that the goal of **Detect-A-Leak Week** is to uphold the importance of annual property leak detection as an essential component of sound water management and an activity that supports and enhances our water conservation; and

WHEREAS, the State Commission on Water Resource Management and its partnership organizations will conduct the following activities during **Detect-A-Leak Week**:

- ◆ Hawai'i Department of Water Supply – Distribution of toilet leak detection dye tablets at all ACE Hardware, Home Depot, and HPM Building Supply stores, as well as Department of Water Supply customer service counters;
- ◆ Kaua'i Department of Water – Conservation contest open to all fourth grade classes within the Department of Education on Kaua'i;
- ◆ Maui Department of Water Supply – Distribution of toilet leak detection dye tablets at its main office building in Wailuku;
- ◆ Honolulu Board of Water Supply (BWS) – Distribution of toilet leak detection dye tablets at the BWS Public Service Building, all Satellite City Halls and City Mill stores on O'ahu;
- ◆ Hawai'i Rural Water Association – Promote **Detect-A-Leak Week** via the organization's website; and

WHEREAS, the State Commission on Water Resource Management and its partnership organizations will bring attention to leak detection as a practical and smart way to conserve water and save money during **Detect-A-Leak Week**;

NOW, THEREFORE I, NEIL ABERCROMBIE, Governor, and I, SHAN S. TSUTSUI, Lieutenant Governor of the State of Hawai'i, do hereby proclaim March 18 through 24, 2013, as

“DETECT-A-LEAK WEEK”

in Hawai'i and encourage the people of the Aloha State to join us in participating in **Detect-A-Leak Week** and recognizing the State Commission on Water Resource Management; county water utilities on Hawai'i, Kaua'i, Maui and O'ahu; and the Hawaii Rural Water Association for their efforts to educate the public on the protection and stewardship of water, our most precious resource.

DONE at the State Capitol, in the Executive Chambers, Honolulu, State of Hawai'i, this first day of March, 2013.

NEIL ABERCROMBIE
Governor, State of Hawai'i

SHAN S. TSUTSUI
Lt. Governor, State of Hawai'i



E hoolohe mai

Office of the Mayor
County of Kaua'i

Proclamation

Detect-A-Leak Week

WHEREAS, our most precious natural resource is Kaua'i's finite drinking water supply, which is vital to the environment and quality of life in our island community and must be judiciously managed to ensure its continued availability; and

WHEREAS, the County of Kaua'i, Board of Water Supply, as a steward of this precious resource, strives to ensure the Kaua'i residents have access to safe, affordable and sufficient drinking water for the present and all future generations through wise management of our resource and excellent customer service; and

WHEREAS, the stewardship of our water resources is a basic component of effective water management; however, millions of gallons of water are wasted everyday through leaks in toilets, irrigation and cooling systems, and other water fixtures; and

WHEREAS, regular leak detection and repair not only preserves our water supply, but also helps consumers save money on their water and sewer bills, while conserving energy; and

WHEREAS, the annual DETECT-A-LEAK WEEK program reminds all governmental entities, businesses and residents to regularly check for leaks and repairs them promptly; and

WHEREAS, the annual DETECT-A-LEAK WEEK will be observed statewide in unison with each respective county water utility, the State Commission on Water Resource Management, and the Hawai'i Rural Water Association; and

WHEREAS, the County of Kaua'i, Board of Water Supply, encourages all Kaua'i water users to inspect their plumbing and water fixtures for leaks and make timely repairs if needed; and

WHEREAS, the County of Kaua'i, Board of Water Supply, is pleased to host its 3rd Annual island-wide Conservation Through Leak Detection Contest to support the DETECT-A-LEAK WEEK objective. It is open to all fourth grade classes and students within the Department of Education's Public School system on the island of Kaua'i with the goal being to build awareness of conserving water, our most precious natural resource by planting the seeds of knowledge in the minds of our children.

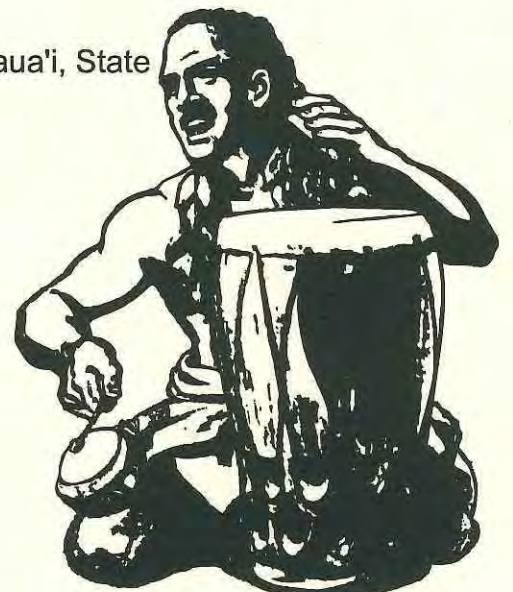
NOW, THEREFORE, I, BERNARD P. CARVALHO, JR., Mayor of the County of Kaua'i, State of Hawai'i, do hereby proclaim March 18-24, 2013, as

Detect-A-Leak Week

And urge all residents to participate in water conservation practices, especially leak detection, in their homes and places of business.

DONE at the County Building, Lihu'e
County of Kaua'i, State of Hawai'i
this 11th Day of March, 2013.

Bernard P. Carvalho, Jr.
Mayor, County of Kaua'i
State of Hawai'i



Hoakani ka pahu

**ATRAZINE**

Experts: Atrazine a real threat to Westside residents

8 HOURS AGO • [CHRIS D'ANGELO - THE GARDEN ISLAND](#)

WAIMEA — More than 300 hundred people gathered at Waimea Canyon Middle School Sunday afternoon for a presentation about the effects of Atrazine, a herbicide used in agricultural fields near Waimea — a town described by Hawaiian activist Walter Ritte as the “central battle ground” in a fight against biotech companies and genetically modified organisms.

One of the world’s most widely used and controversial herbicides, Atrazine — which is manufactured by Syngenta — has been banned in Europe since 2004 due to groundwater contamination risks. Studies have also suggested the chemical is associated with a number of health problems, including birth defects, low-birth weight and reproductive issues.

The event on Kaua’i’s Westside featured keynote speaker Tyrone Hayes, an expert on Atrazine and a biology professor at the University of California at Berkeley. Other presenters included Ritte and Dr. Lorrin Pang, Maui District Health Officer for the state Department of Health.

“When I tell you what Atrazine does to frogs, you should remember that our hormones are so similar to frog hormones that our pregnancy hormone will make this frog lay eggs,” Hayes said. “So, if I tell you what Atrazine does to reproductive capabilities in this frog, you should be thinking, ‘What about me?’”

Hayes said Atrazine, first introduced in 1958 in the U.S., is used particularly on GMO and experimental corn, and historically on sugarcane in Hawai’i and Florida. Each year, the U.S. uses 80 million pounds of Atrazine, he said.

For the last 15 years, he has been studying the effects of Atrazine on the African clawed frog. As part of his study, Hayes proposed that Atrazine turns on Aromatase, an enzyme which turns testosterone, a male hormone, into estrogen, a female hormone.

“If you are a male exposed to Atrazine, your testosterone goes away, so you’re demasculinized, or chemically castrated,” he said. “And you’re also feminized because you’re making estrogen, which you should not be doing as a male.”

Hayes said he discovered when frogs that have been injected with minimal amounts of Atrazine grow up, up to 10 percent of the males turn completely into females. He said those effects are produced when introducing the equivalent of 1/1,000 of a grain of salt in a gallon.

Hayes said a typical farmer often applies the chemical at levels that are 290 million times higher than what he uses in the laboratory.

“Men who apply Atrazine (in the field) have 24,000 times the Atrazine in their urine than we use in our laboratory to chemically castrate frogs and fish,” he said. “Think about that. One of these guys could pee in a bucket, I could dilute their urine 24,000 times and I could use the Atrazine in their urine to chemically castrate and make hermaphrodites out of 24,000 buckets of 30 tadpoles each.”

In a 2003 study, Hayes said Shauna Swan found that men who could not get their wives pregnant and had low sperm counts had significantly higher levels of Atrazine in their urine, a correlation he said can't be ignored.

“We know that the sperm goes away when you give a fish Atrazine, when you give a frog Atrazine, when you give a reptile Atrazine, when you give a bird Atrazine, when you give a rat Atrazine,” he said. “Testosterone goes down and the sperm goes away and now this correlation says there's an association in humans as well.”

Atrazine legacy

Hayes said his frogs trapped in a contaminated aquarium are no different than a human fetus trapped in a contaminated amniotic fluid inside the placenta.

“The placenta was not designed to keep out the 80,000 chemicals that we've invented, and studies now show that we are exposed to over 300 chemicals before we leave the womb,” he said.

And the Atrazine legacy apparently carries on for generations, according to Hayes.

He said studies with rats have shown that Atrazine causes prostate and mammary cancer, immune failure, neural damage in offspring, abortions, prostate disease in pups, impaired mammary development and impaired growth and development.

“This rat was never exposed to Atrazine; this rat was affected by Atrazine that its grandmother was exposed to,” he said. “This means that my daughter, that all of your daughters, that their granddaughters could be impacted by chemicals that we're using today. This is not about you and me ... We're talking about using chemicals today that your grandchildren's grandchildren may be impacted by.”

Potential

Pang focused on the dangers of combining chemicals, which he said occurs regularly on biotech farms on Kaua'i's Westside.

“I knew (the companies) were using combinations, but until the lawyers came on board ... I didn't know they were using so many in combination,” he said. “When you combine (drugs), it's considered a new drug until proven otherwise ... Same with pesticides.”

Pang said some of the chemicals the companies are using might stay in the environment five days, but could remain in the human body for six months.

“So if they spray pesticide A today, and B two weeks from now, ... I think they're there together,” he said.

Pang said the problem with chemicals like Atrazine is the potentiation (to enhance the effect of a drug or chemical), which has not been studied.

“It’s worrisome to have Atrazine in your water, but what about the 50 (other) chemicals?” he asked. “Will they potentiate Atrazine? Will they potentiate each other?”

Pang said the margin of safety with chemicals like Atrazine means nothing without knowledge of the potentiation.

“I don’t care what you think these 50 chemicals do or don’t do, you’ve got to prove it by doing a little experiment, not telling me what you think,” he said.

Westside vs. Pioneer

Honolulu-based attorney Gerard Jarvis is representing the Westside community in a lawsuit against a seed company.

“As you know, Waimea residents have filed a lawsuit against ... Pioneer Hi-Bred International, Inc.,” Jarvis said at the meeting. “This meeting today is not about that lawsuit ... This is an informational meeting that is intended to educate the community about what’s going on here. We believe that education is a powerful thing.”

The location of Sunday’s event seemed an appropriate fit, as Jarvis said the U.S. Department of Agriculture tested the water in Waimea for Atrazine and “found positive results at this very middle school in the drinking fountains.”

Ritte said he came from Moloka‘i to support the Waimea community against biotech companies and GMOs. Waimea, he said, is the only community in the state that has taken legal action in the GMO issue.

“You are in a position now to become leaders in this state in this whole GMO battle,” he said. “You guys are in the middle of it.”

Ritte encouraged everyone in attendance to join him and North Shore resident Dustin Barca March 9 in Po‘ipu for the “March in March” event, starting at noon. Protesters will meet on Maha‘ulepu Road in front of the Grand Hyatt and walk to Po‘ipu Beach Park. A GMO potluck will follow.

- Chris D’Angelo, lifestyle writer, can be reached at 245-0441 or lifestyle@thegardenisland.com.

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

Operations Division Report for the Month of February 2013

Personnel

- Recruitment for the newly created position of Water Plant Operator II was posted.

Source and Storage

- Puhi Well #4 is now in service.

Distribution

- Operations crews continue to perform leak repair of service laterals and mainlines.
- Operations crews are currently replacing galvanized steel service laterals with copper pipes in Hanamā'ulu.
- Nineteen (19) water meters were issued.

Fleet, Inventory, Warehouse and Baseyard Area

- We received a total of 33 calls from customers reporting leaks on the mainline, service laterals, meters, and fire hydrants including 2 called-in complaint of no water pressure.
- For the month of February, a total of one hundred forty one (141) work orders were issued for the Operations Division. Works included: electrical repairs and maintenance, automotive repairs and maintenance, water meter installation and replacement, service lateral installations, leak repairs, well and tank site maintenance, replace damaged meter boxes, replace damaged or leaking hydrant, Hawaii One Call request for markings, door-to-door customer notifications for tie-ins of new lines to existing lines, callouts due to customer complaints/reports.
- Of the 176 work Orders issued last month, 126 were completed and closed.

Respectfully submitted:



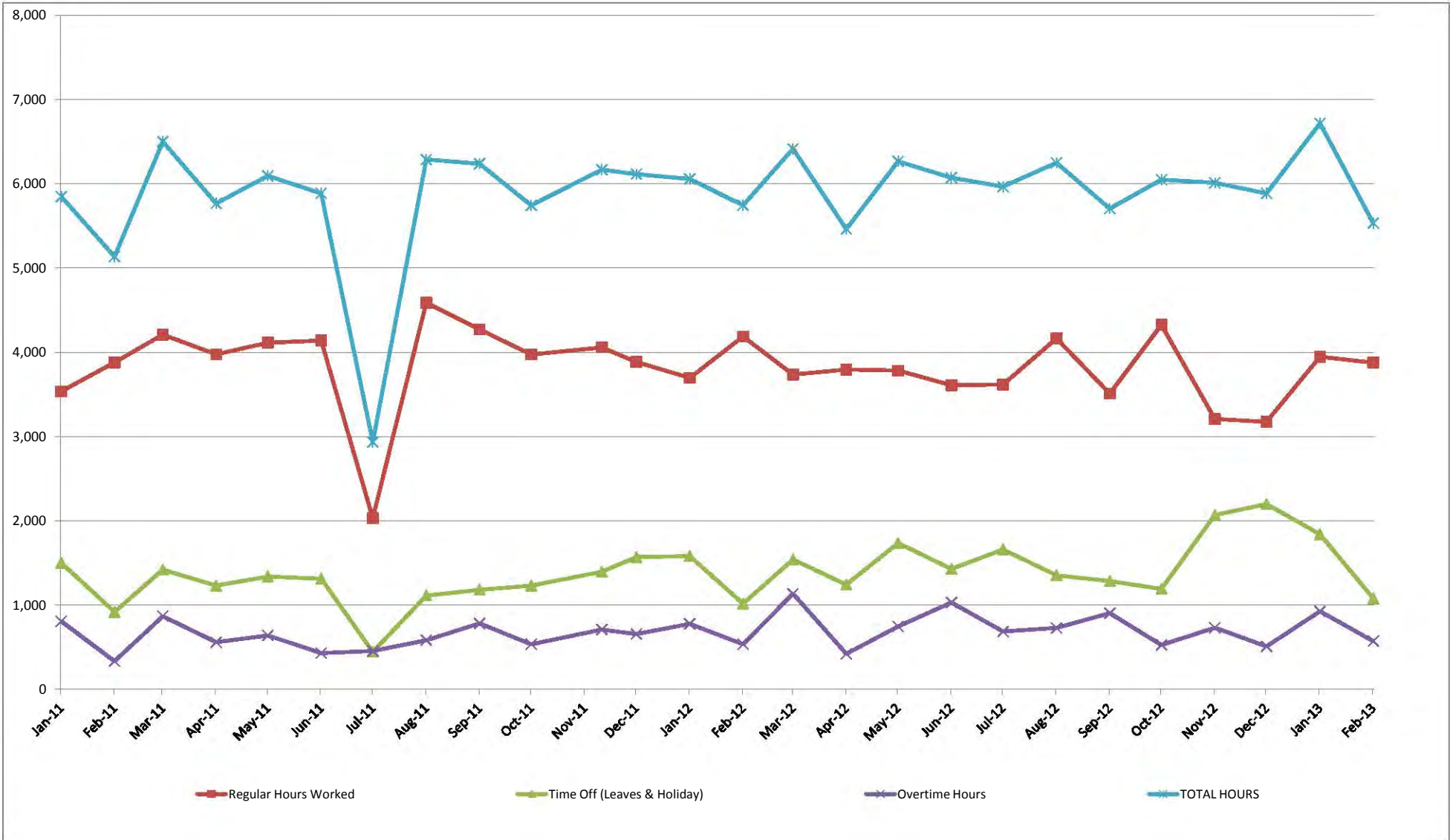
Valentino P. Reyna
Chief, Operations Division

VP:ein

Attached: Overtime Charts
Leak Repair Chair

Mgrp/March 2013/Staff Reports/Ops Div Report for March 2013 (03-21-13):ein

County Of Kauai - DEPARTMENT OF WATER
 Operations Division: Plant & Field
 Total Hours for the Month
 For the Period: January 2011 to February 2013

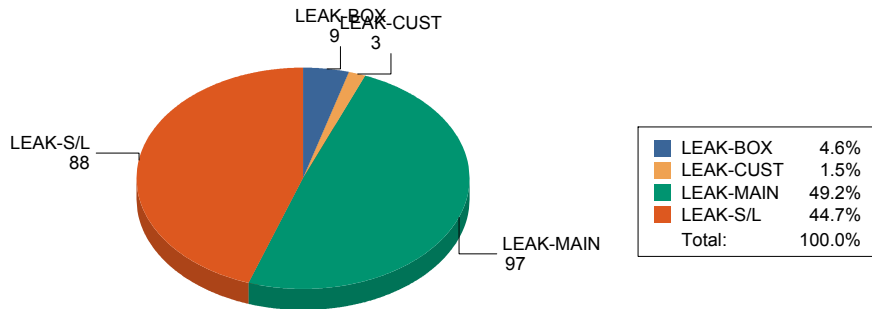


Work Orders by Job Reason Code for Selected Date Range

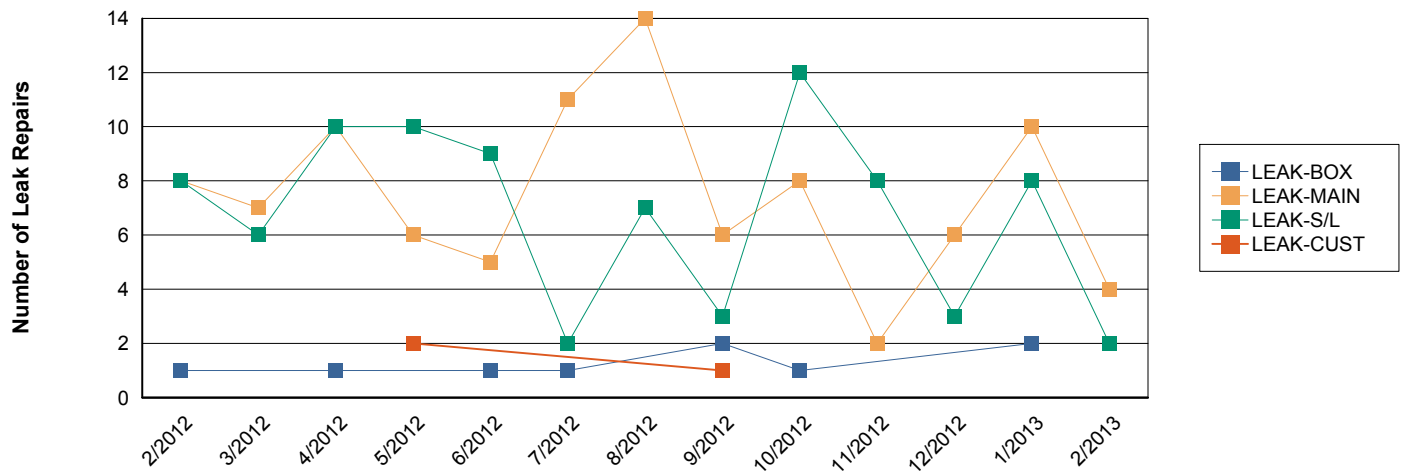
02/01/2012 to 02/28/2013

# of W/O's	Job Reason Code	Description
9	LEAK-BOX	Meter Box Leak Repair
3	LEAK-CUST	Customer-Side Leak Repair
97	LEAK-MAIN	Mainline Leak Repair
88	LEAK-S/L	Service Lateral Leak Repair

Work Orders by Job Reason Code



Number of Leak Repairs per Month



DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute - Conserve It!"

March 21, 2013

RE: MONTHLY SUBDIVISION SUMMARY

February 2013 Updates/Recommendations

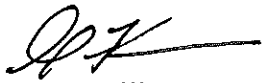
Subdivision Number	TMK Number	Applicant	Received	Response Date	Subject	DOW Response to Planning
S-2013-12	1-2-08:003	John Driver & Teresa Driver	1/15/2013	2/5/2013	Application	Tentative Approval is Recommended
S-2009-12	2-8-04:056	The Koloa Early Learning School / Koloa Hongwanji Mission	2/13/2013	2/22/2013	Pre-Final Map Review	Final Approval Recommended

GF/loo

WR/P Report (2/28/2013)

Mgrp/Monthly Subdivision Summary Report

Respectfully submitted,



Gregg Fujikawa

Chief of Water Resources and Planning

Approved:



David R. Craddick, P. E., C. E. M.

Manager and Chief Engineer

DEPARTMENT OF WATER

County of Kaua'i

"Water has no Substitute – Conserve It!"

MANAGER'S UPDATE

March 21, 2013

MANAGER'S UPDATE for March 2013

CONTRACTS AWARDED/EXTENSION:

RE: Extension of Contract to December 25, 2014 to Mears Group, Inc for Water Plan 2020 Job No. PLH-03, Kahili Horizontal Directional Drilled Well, Kauai, Hawaii – First Amendment to Contract No. 539

FUNDING:

There is no additional cost due to the amendment; just an extension to their contract to December 25, 2014.

Mears Group, Inc.	\$1,924,300.00
Proposed First Contract Amendment	\$0.00
Contingency	\$75,700.00

Total Funding Approved from BAB at August 2011 Board Meeting: \$2,000,000.00

The project has attained State Revolving Fund (SRF) loan funding in the amount of \$2,000,000.00 for the project. Of that total, \$1,000,000.00 will have 100% principal forgiveness while the remaining \$1,000,000.00 will be funded via SRF loan.

BACKGROUND:

There is a significant need to move away from dependence on fossil fuel powered wells and treatment plants and move to a more sustainable, energy efficient means of delivering safe, sufficient drinking water to customers in the Puhi-Lihue-Hanamaulu-Kapaa Water System. This project would reduce electrical pumping and water treatment costs by using high level artisan water sources that are dike confined at the 1200 psi level.

The services provided by the Contractor and the scope of work are as follows:

- i) **Scope of Work, Phase IA (Investigation/Planning/Permitting):** The Contractor shall perform all of those services required to fulfill the items of work described as Phase IA in Exhibit A, Scope of Work- SERVICES FOR JOB NO. 11-13, PLH-03, KAHILI DIRECTIONALLY DRILLED HORIZONTAL WELL, Puhi-Lihue-Hanamaulu-Kapaa Water System, Kaua'i Hawai'i, and as more completely described in the Contract Documents.
- ii) **Scope of Work, Phase IB (Design):** Upon satisfactory completion of Phase IA, as determined by the Board, and subject to the appropriation and availability of funds and upon completion of an amendment to this contract, the contractor shall perform all of those services required to fulfill the items of work described as Phase IB in Exhibit A, Scope of Work- SERVICES FOR JOB NO. 11-13, PLH-03, KAHILI DIRECTIONALLY DRILLED

MANAGER'S UPDATE

Re: Manager's Update for February 2013 to March 2013

March 21, 2013

Page 2 of 7

HORIZONTAL WELL, Puhi-Lihue-Hanamaulu-Kapaa Water System, Kaua'i Hawai'i, and as more completely described in the Contract Documents.

- iii) **Scope of Work, Phase II (Construction):** Upon satisfactory completion of Phase IB, as determined by the Board, and subject to the appropriation and availability of funds and upon completion of an amendment to this contract, the contractor shall perform all of those services required to fulfill the items of work described as Phase II in Exhibit A, Scope of Work- SERVICES FOR JOB NO. 11-13, PLH-03, KAHILI DIRECTIONALLY DRILLED HORIZONTAL WELL, Puhi-Lihue-Hanamaulu-Kapaa Water System, Kaua'i Hawai'i, and as more completely described in the Contract Documents.

We are currently in Phase IA which consists of the Environmental Impact Statement (EIS) as the major work item. In addition to that, Mears Group, Inc. and its subcontractors are tasked with investigating the various sites and initiating the permits required should the DOW move forward with Phase IB and phase II. Due to the novelty of the project and unexpected delays that have and could occur that are not attributable to the contractor, the contractor has requested to extend the current contract until December 25, 2014.

We reviewed the Mears Group, Inc. extension request for the work and find it acceptable.

AMFAC SHAFT UPDATE: See attached time line for work status.

PUMP INSTALLATION PERMITS:

None

WAIVER, RELEASE AND INDEMNITY AGREEMENTS SIGNED BY THE MANAGER:

None

PERSONNEL MATTERS UPDATE

March 8, 2013

RECRUITMENT AND POSITION CHANGES

Operations Division

1. Assistant Chief of Operations #2400. DOW to submit documents to DPS to proceed with filling vacancy.
2. Assistant Water Plant Operator #2312. Pending referred list of eligibles from the Department of Personnel Services (DPS).
3. Lead Pipefitter #2481. Pending referred list.
4. Heavy Vehicle and Construction Equipment Mechanic I #2469. Pending referred list.
5. Utility Worker #2438. DPS inquiring on position duties. DOW to respond.
6. Water Plant Operator II #2496. Pending referred list.
7. Water Service Investigator II #2486. DOW reviewing position duties.
8. Waterworks Electronics/Plant Electrical Tradesperson I #2311. Pending referred list.

Fiscal Division

1. Accountant II #2435 (Accounting). Selection pending.

MANAGER'S UPDATE

Re: Manager's Update for February 2013 to March 2013

March 21, 2013

Page 3 of 7

2. Accountant II #New Position (Billing). Pending DPS review.
3. Accountant IV #2303 & #2304. Pending DPS review.
4. Billing Section Position Re-descriptions. Pending DPS review.
5. Billing Services Assistant - Short Term position #10103. Selection made. Clearance pending.
6. Procurement Specialist IV #New Position. Pending DPS review.

Engineering Division, Construction Management (CM) Division, Water Quality Division and Water Resources & Planning Division

1. Civil Engineer II #2458. DOW reviewing duties.
2. Civil Engineer III #2360 - Water Resources and Planning Division. Interviews being scheduled.
3. Civil Engineer VI (EM-5) #2430- Engineering Division. Pending referred list.
4. Waterworks Project Manager #2351. Pending referred list.
5. Water Inspector II #2483. No action.

Administration

1. Commission Support Clerk #2493. Pending DPS review.
2. Private Secretary #E-35. Pending DPS review.
3. Secretary #2354. Pending referred list.

SUMMARY OF WARRANT VOUCHERS PAID – February 28, 2013

Warrant vouchers were paid in the amount of \$ 1,196,510.58

Please see attached Warrant Vouchers Report.

STAFF REPORTS - FY 13:

CONVEYANCE OF WATER FACILITY:

1. County of Kaua'i	TMK: 1-2-008:007	Waimea	\$14,900.00
2. Wawae Road Kalāheo Real Estate LLC	TMK: 2-4-002:009	Kawaihau	\$32,800.00
3. Wailua Ranch, LLC	TMK: 4-4-008:003	Kawaihau	\$5,500.00
	Total		\$53,200.00

QUARTERLY REPORT ON MANAGER'S GOALS:

- WATER QUALITY REPORT
- COUNTY ATTORNEY QUARTERLY REPORT

The next update will be in April 2013.

RECAP OF LEGISLATURE SESSION: SB987 & HB1103 Relating to Impact Fees

Kirk attended the crossover hearings for both the house and the senate on March 14 and 15th.

WATER SYSTEM DEVELOPMENT FEE Update:

We have extended our submittal of comments from the public to March 8, 2013 and have met with the Kaua'i Chamber of Commerce, Kaua'i Board of Realtors, and various developers. We have also compiled

MANAGER'S UPDATE

Re: Manager's Update for February 2013 to March 2013

March 21, 2013

Page 4 of 7

comments by e-mail and mail and working towards sending out responses to each of their concerns. These will be forwarded to the Bd and the Finance and Rules committees working on the WSDF once the comments are completed.

C&B BILLING SYSTEM UPDATE:

It has been (3) three months after going live C&C (Credit & Collections) and LPC (Late Payment Charge) will be turned on as CC&B needs three (3) billing cycles to use this feature (May 2013). A public announcement has been sent to the County PIO and will be disseminated sometime this week.

Beginning with the May 2013 billing, the Department of Water (DOW), in accordance with our Rules & Regulations (Part IV, Section XI), will add a Late Payment Charge on any past-due water charges or plan amounts.

A late payment charge shall be assessed at the rate of half a percent (0.5%) of the delinquent balance, customers must pay the amount due by the "Payment Must Reach Us By" date stated on their bill. Bill payment must be received by the DOW no later than 20 calendar days after the billing date in order to avoid a late charge.

In addition, to be in compliance with Ordinance No. 933, Bill No. 2443 Amending Section 6-5.1 of the Kauai County Code 1987, as Amended Relating to Payment to County by Check or Negotiable Instrument, Subsequently Dishonored the DOW shall assess and collect a service charge in the amount of \$30.00 against the maker of the check or negotiable instrument.

AMFAC SHAFT Update:**Amfac Shaft 11 Renovation Project****Work Timeline**

Fee Submittal Date	Description	Amount	Contracted Date	Note
5/23/2006	Professional service fees for Phase 1A Task (Pumping Test and Facilities Removal Planning), including Task 1A1 - Project Research and Site Visit, Task 1A2 - Work Plan and Pumping Test Specifications, and Task 1A3 - Contractor Request for Proposals	\$35,294	9/21/2006	
6/4/2007	Professional service fees for Phase 1B Task (Facility Testing, Evaluation, and Reporting), including Task 1B1 - Pumping Capacity and Water Quality Evaluation Report, Task 1B2 - Hazardous Material Sampling and Testing and Facilities Removal, Task 1B3 - Department of Health Engineering Report, Task 1B4 - Basis-of-Design Inspection and Report, and Task 1B5 Deductive Task Items	\$537,137	12/27/2007	Amendment No. 1, See Note 1.
4/8/2008	Professional service fees for the additional work of Phase 1B Task (Facility Testing, Evaluation, and Reporting) - Removal and disposal of the affected electrical conductors and poles.	\$12,852	5/16/2008	Amendment No. 2
4/7/2009	Professional service fees for the additional work of Phase 1B Task (Facility Testing, Evaluation, and Reporting) - Sealing the shaft to prevent access by insects and any contaminants from influencing the water in the well and eradicate, clean, and seal the shaft of all debris and insects.	\$113,985	6/8/2009	Amendment No. 4
10/27/2009	Professional service fees for the additional work of Phase 1B Task (Facility Testing, Evaluation, and Reporting) - Additional sealing the interior and exterior of the access tunnel to the shaft and supplemental pump testing to support additional water quality testing at the shaft	\$28,589	11/24/2009	Amendment No. 5
10/27/2009	Deletion of professional service fees for Phase 1B Task (Facility Testing, Evaluation, and Reporting), including the precast concrete cover (KDOH constructed and installed the concrete cover) and original plan for sealing the exterior access tunnel to the shaft.	-\$28,710	11/24/2009	Amendment No. 5
1/2010-1/2012	DOW built and installed a test pump that could be operated until weather conditions were such that the DOH/EPA requirements were met in being able to determine ground water under the influence. This pump is still installed should additional testing be required.	\$40,000	2010-2012	
3/7/2012	Additional professional service fees for Phase 1B Task (Facility Testing, Evaluation, and Reporting), including Task 1B0 - Project Coordination and Management, Task 1B1 - Pumping Capacity and Water Quality Evaluation Report, and Task 1B3 - Department of Health Engineering Report	\$55,691	3/7/2012	Amendment No. 6
Subtotal		\$794,838		
3/1/2013	DOH has asked for additional information. Report was resubmitted last week.		3/8/2012	
12/12/2012	Professional service fees for Phase 2 Task (Design and Permit Assistance), including Task 2A - Project Management, Task 2B - Soils Investigation, Task 2C - Regulatory Compliance/Permits, and Task 2D - Preparation of Construction Bid Documents	\$471,302	N/A	See Note 2.
Total		\$1,265,140		

MANAGER'S UPDATE

Re: Manager's Update for February 2013 to March 2013

March 21, 2013

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Notes

- 1 Subtask 1B4.1 - Existing Equipment Inspection and Evaluation was deleted.
- 2 Task 2E - Subdivision survey and mapping is not included.
Fee proposal not Approved by KDOW

AFFORDABLE HOUSING UPDATE:

Update will be provided after the next Task Force Meeting is held.

UPDATE FROM FEBRUARY 28, 2013 REGULAR BOARD MEETING:

Re: IT Strategic Plan Update

IT Strategic Plan Initiatives Identified for Fiscal Years 2013-14, 2014-15, and 2015-16 includes the following budgetary amounts in the capital budgets presented to the Board for fiscal years 2013-2014, 2014-15, and 2015-16:

	2013-14			
	Hardware and Software	Services	New Payroll	TOTAL
Capital Budget Recommendations, including Contingency	\$ 53,550	\$ 595,875	\$ -	\$ 649,425
O&M Budget Recommendations, including Contingency	\$ 34,650	\$ 630	\$ 75,600	\$ 110,880

	2014-15			
	Hardware and Software	Services	New Payroll	TOTAL
Capital Budget Recommendations, including Contingency	\$ 210,000	\$ 666,750	\$ -	\$ 876,750
O&M Budget Recommendations, including Contingency	\$ 43,050	\$ 5,880	\$ 77,700	\$ 126,630

	2015-16			
	Hardware and Software	Services	New Payroll	TOTAL
Capital Budget Recommendations, including Contingency	\$ -	\$ 154,875	\$ -	\$ 154,875
O&M Budget Recommendations, including Contingency	\$ 43,050	\$ 630	\$ 78,750	\$ 122,430

BACKGROUND:

The Department completed an internal analysis of IT requirements in March 2012 and subsequently retained a consultant to continue the strategic planning effort and assist staff in developing a master plan for the next six years. The plan includes 10 initiatives, eight of which are recommended to start within the next three fiscal years. This plan was received by the Board on February 28, 2013. The Board requested that staff prepare operating and capital budget recommendations for plan implementation for the next three fiscal years. These are summarized above. Details of the recommendations are attached. Further detail is included in the plan itself. The recommendations herein reflect the more conservative of the plan's projected outlays for hardware, software and professional services. However, we have reduced the budget recommendations for the first plan initiative by \$200,000 because these funds are already part of the FY 2012-13 budget. The recommendations herein incorporate a slightly higher cost for increased communications bandwidth than what was projected in the plan. This is due to Hawaiian Telecom's recent notification to Department staff that fees will be higher than originally anticipated due to a lack of Hawaiian Telecom infrastructure in the vicinity.

We have included a budgetary contingency of 5% of total anticipated costs for the initiatives.

ADDITIONAL REMARKS:

The Department acknowledges the comments made at the February 28, 2013 Board meeting regarding the importance of preparing and staffing adequately to carry out the IT Strategic Plan. The budget recommendations herein include funding for three tactics designed specifically to ensure the Department is prepared to complete the initiatives and maintain the technology:

1. The operating budget recommendations include the addition of a new IT staff member, increasing the capacity of the current business unit by 50%.
2. The capital budget recommendations include the use of contract program managers to augment departmental IT staffing for purposes of system implementation. Because the implementation process requires considerably more labor than ongoing technology support and maintenance, the department believes that contracting for temporary program management services is more prudent financially than expanding permanent staffing and ongoing payroll costs.
3. Two of the initiatives in the IT Plan involve consideration of application service providers as alternatives to in-house maintenance and support of certain business systems. If the Department finds that such a shift in business technology strategy is the most appropriate course of action, the end result will be a reduction in the total ongoing workload for departmental personnel.

Re: Update to Manager's Report No. 13-25 – Request Board Approval and Funding for Job No. 13-3, Water Plan 2020 Job No. PLH-44b, Lihue Mill Bridge Waterline, Lihue, Kauai, Hawaii

The Board conditionally approved the funding for this project at the February 28, 2013 Board meeting subject to scope of work favorable opinion from bond counsel that this project is covered by the bond. The Department received confirmation that BAB funds can be used for the second phase of the project (Job No. 13-3, Water Plan 2020 Job No. PLH-44b, Lihue Mill Bridge Waterline). See attached message from Mr. Hirai. Mr. Hirai will be following up his message with a formal letter.

From: Brian T. Hirai
Sent: Thursday, March 07, 2013 8:45 AM
To: Aoki, Keith
Subject: RE: Draft Minutes re Manager's Report 13-25 Lihue Mill Bridge

I agree that BAB funds can be used for the second phase of the project. I will prepare a formal opinion letter confirming the same.

Brian T. Hirai, Esq.
McCorriston Miller Mukai MacKinnon LLP

From: Aoki, Keith
Sent: Wednesday, March 06, 2013 4:13 PM
To: Brian T. Hirai

MANAGER'S UPDATE

Re: Manager's Update for February 2013 to March 2013

March 21, 2013

Page 7 of 7

Subject: FW: Draft Minutes re Manager's Report 13-25 Lihue Mill Bridge

Hi Brian,

I received the phone message you left for me. I understand from your message that you have reviewed the draft Board minutes and have opinioned that the Lihue Mill Bridge phase of the State project (DOW identified this phase of the project as WP 2020 project PLH-44b) is covered by the bond as currently describe on the BAB project list in line item 40., "Kaumualii 16" line relocation and replacement with 24" for widening/with engineering".

We concur that a formal letter concerning this matter would be appropriate for the Board. Please send a formal letter to the Department. In addition, can you confirm the above by email so that we can move forward with the State project before the Board meeting later this month?

Thank you,

-Keith

The Department would like to further clarify the validity of the BAB funding by having the following documented for record in the Board minutes:

1. The Lihue Mill Bridge project, PLH-44b is a major waterline project that will replace existing 16" A.C. main waterline with a new 24" D.I. waterline. The 24" waterline will provide better service to the Department's customers in the Puhi-Lihue area.
2. The Board's conditional approval of Manager's Report No. 13-25 to approve the funding for PLH-44b is in reference to the project identified as PLH-44 Kaumualii 16" line relocation and replacement with 24" for widening/with engineering on the BAB project list as identified in Resolution No. 12-4.

Respectfully submitted,



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

DRC:mjg

Mgrrp/Manager's Update (03-21-13):mjg

Attached: 2010 BAB Spend Down Report as of February 2013
Summary of Warrant Vouchers Paid as of February 2013

March 21, 2013 BOARD MEETING

DEPARTMENT OF WATER Summary of Warrant Vouchers Paid February 28, 2013

WATER UTILITY FUND

Other Expenses, Department of Water			
Capital Expenditures	\$	223,927.80	
Other Expenses, Department of Water			
Normal Expenditures	\$	825,841.75	
TOTAL WATER UTILITY FUND	\$	1,049,769.55	\$ 1,049,769.55

BOND FUND

	\$	-	
TOTAL BOND FUND			\$ -

F R C FUND

FRC REFUNDS	\$	-	
KODANI & ASSOCIATES, INC.	\$	25,065.00	
TOTAL FRC FUND	\$	25,065.00	\$ 25,065.00

BOND - BAB

OCEANIC COMPANY, INC.	\$	46,859.20	
EARTHWORKS PACIFIC, INC.	\$	18,001.33	
OCEANIT LABORATORIES	\$	5,814.00	
ESAKI SURVEYING & MAPPING, INC.	\$	6,492.25	
BEYLIK DRILLING & PUMP SERVICE, INC.-FINAL	\$	44,509.25	
TOTAL BAB BOND FUND	\$	121,676.03	\$ 121,676.03
TOTAL CLAIMS PAYABLE			<u>\$ 1,196,510.58</u>

WATER UTILITY FUND

2/28/13 AP	\$	1,049,769.55	
			\$ 1,049,769.55

BOND FUND

\$ -

F R C FUND

\$ 25,065.00

BOND - BAB:

2/28/13 AP	\$	121,676.03	
			\$ 121,676.03

BANK TRANSFER -

\$ 1,196,510.58

Bank Transfer Adjustments:

Due to W/U - Transfer Adjustment

DEPARTMENT OF WATER
WATER UTILITY FUND
RECAP OF NORMAL EXPENDITURES
February 28, 2013

	BUDGET CODE	AMOUNT
REFUND - REVENUES FROM WATER SALES	1	\$ 1,595.00
UTILITIES - ADMINISTRATION & OFFICE	21	\$ 14,715.07
POSTAGE & PRINTING	22	\$ 4,567.59
OFFICE EQUIPMENT MAINTENANCE	24	\$ 1,010.00
CONTRACTUAL SERVICES - ADMINISTRATION & OFFICE	27	\$ 66,484.58
UNIVERSITY OF HAWAII-OFFICE OF RESEARCH SERVICES	27.6	\$ 4,605.46
TRAVEL & INCIDENTALS -STAFF	29	\$ 1,287.10
MISCELLANEOUS - ADMINISTRATION & OFFICE	31	\$ 543.78
IN-SERVICE TRAINING	33	\$ 5,847.95
SUPPLIES - OFFICE & JANITORIAL	34	\$ 6,840.80
PUBLIC RELATIONS - Grants	36.2	\$ 5,249.97
COMPUTER SUPPORT & SUPPLIES	37	\$ 3,872.36
MICROLAB MATERIALS & SUPPLIES	38	\$ 1,287.26
VEHICLE & EQUIPMENT MAINTENANCE	40	\$ 34,814.40
VEHICLE - FUEL	41	\$ 11,639.22
UTILITIES	42	\$ 6,019.03
ELECTRICAL PARTS	43.1	\$ 3,269.04
CONTRACTUAL SERVICES - OPERATIONS	45	\$ 513.06
MATERIALS & SUPPLIES - OPERATIONS	47	\$ 18,756.78
COLLECTIVE BARGAINING ITEMS	48	\$ 8,393.84
PUMP ELECTRICAL	51	\$ 226,029.65
WATER PURCHASE	55	\$ 2,570.74
CHEMICALS	58	\$ 2,753.06
MWH LABORATORIES	59	\$ 2,346.96
Insurance and Bonds	60	\$ 41,948.00
Workmen's Compensation Insurance	61	\$ 4,667.00
SRF-Wailua Homesteads Well #3	82	\$ 15,082.23
SRF-Ornellas 0.2 MG Tank	84	\$ 31,062.58
SRF-Stable 1.0 MG Tank & Connecting Waterline	89	\$ 298,069.24
TOTAL NORMAL EXPENDITURES		<u>\$ 825,841.75</u>

NORMAL EXPENDITURES

**DEPARTMENT OF WATER
WATER UTILITY FUND
RECAP OF CAPITAL EXPENDITURES**

February 28, 2013

CAPITAL EXPENDITURES:	BUDGET CODE	AMOUNT
CAPITAL IMPROVEMENT PROJECTS	101	
MISCELLANEOUS CAPITAL EXPENDITURES	102	\$ 8,173.46
OFFICE & ENGINEERING EQUIPMENT	103	\$ 4,643.52
VEHICLES & EQUIPMENT	106	
CIP RESERVE	106B	
PURCHASE OF METER & METER BOXES	107	
SUB-TOTAL		\$ 12,816.98

WATER UTILITY FUND

CON	453 Belt Collins Hawaii Ltd. - FINAL	638	\$ 1,260.00
CON	447 FUKUNAGA & ASSOCIATES, INC. - FINAL	630	\$ 5,791.00
CON	539 MEARS GROUP, INC.	702	\$ 23,642.00
CON	561 GOODFELLOW BROTHERS, INC.	712	\$ 180,417.82
CONTRACT PAYMENTS - WU			\$ 211,110.82
TOTAL WATER UTILITY -CAPITAL EXPENDITURES			\$ 223,927.80

BOND

CONTRACT PAYMENTS - BOND:			\$ -
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FRC

	Frc Refund -	4a	
	Offset KUKUIULA DEVELOPMENT COMPANY, LLC	301c	
CON	457 KODANI & ASSOCIATES, INC.	318	\$ 25,065.00
FRC PAYMENTS			\$ 25,065.00

BOND - BAB

CON	529 OCEANIC COMPANY, INC.	230	\$ 46,859.20
CON	530 EARTHWORKS PACIFIC, INC.	231	\$ 18,001.33
CON	543 OCEANIT LABORATORIES	240	\$ 5,814.00
CON	409 ESAKI SURVEYING & MAPPING, INC.	592	\$ 6,492.25
CON	549 BEYLIK DRILLING & PUMP SERVICE, INC.-FIN.	701	\$ 44,509.25
CONTRACT PAYMENTS - BAB			\$ 121,676.03

TOTAL CAPITAL EXPENDITURES			\$ 370,668.83
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2010 Bond Encumbrance and Spend Down Status (Dollars)

