A. CALL TO ORDER

B. ROLL CALL

C. ACCEPTANCE OF AGENDA

D. MEETING MINUTES:
   - Review and approval of:
     - Regular Board Meeting – February 27, 2014
     - Executive Session – February 27, 2014

E. CORRESPONDENCE/ANNOUNCEMENTS
   1. Correspondence from Mr. Christopher Singleton, Makaleha Gardens, LLC, dated April 8, 2014 regarding TMK 4-6-06:019 and 4-6-06:017, Subdivision No. S-2103-23

F. BOARD COMMITTEE REPORTS

G. OLD BUSINESS

H. NEW BUSINESS
   1. Manager’s Report No. 14-36 - Request for Board Approval on the proposed and revised Table of Organization Reallocations for the Water Quality Division
   2. Manager’s Report No. 14-37 - Request for Board Approval on the proposed and revised Table of Organization Reallocations for the Information Technology Section
   3. Manager’s Report No. 14-38 - Request for Board Approval on the proposed new positions and revised Table of Organization Reallocations for the Operations Division
   4. Manager’s Report No. 14-39 - Request for Board Approval on the proposed and revised Table of Organization for the Engineering Division
   5. Manager’s Report No. 14-41 - Resolution No. 14-8 – Peter Sapinosa, Department of Water’s 2013 Employee of the Year
6. **Manager’s Report No. 14-42** - Resolution No. 14-9 – Keith Konishi, Department of Water’s 2013 Employee of the Year

7. **Manager’s Report No. 14-43** - Request for Board Approval on the proposed and revised Table of Organization Reallocations for the Fiscal Division

8. **Manager’s Report No. 14-44** - Request for Board Approval on the proposed and revised Table of Organization Reallocations for the Water Resources and Planning Division

9. **Manager’s Report No. 14-45** - Resolution No. 14-7 BAB - Project List Changes – Resolution for FY 2013-2014, Request for the Addition of Six (6) Projects, H-05 Weke, Anae, and Hee Roads 6” and 8” Main Replacement; K-18 8” Waterline Replacement along Halewili Road; LO-08 Kōloa Road Main Replacement; Ani-01b Anini and Kaliihiwai Road Main; KP-09 MCC, Chlorination Facilities, Koloa Well 16-A and 16-E; PLH-35b Kapaia Cane Haul Road 18” Main

10. **Manager’s Report No. 14-46** - Grant of Easement for Job No. 02-08, Water Plan 2020 Project HE-08, Rehabilitation of Eleele Twin 0.4 MG Steel Tanks, Eleele, Kauai, Affecting the Following Landowner: McBryde Sugar Company, Limited, affecting TMK(s): (4) 2-1-01-027, Eleele, Kaua'i Hawai'i, 1) McBride Sugar Company, Limited, affecting TMK(s): (4) 2-1-01-027, Eleele, Kaua'i, Hawai'i

11. **Manager’s Report No. 14-47** – Request for Board Approval on Job No. 11-10, WP2020 #K-18, 8-inch Water Main Replacement Halewili Road (Kaumualii Highway to Haku Hale Street) Kalaeo, Kaua'i, Hawai'i


13. **Manager’s Report No. 14-49** – Request Board Approval on 8” Change Order for Job No. 02-17, Maka Ridge Facilities Rehabilitation Plan and Princeville System Interconnection Plan (Water Plan 2020 Project No. H-01, H-02, H-03), Hanalei, Kaua'i


I. **STAFF REPORTS**

   **MONTHLY**

   1. Statement of Kaua’i County Water Department’s Revenues and Expenditures
   2. Report by the Public Relations Specialist on Public Relations Activities
   4. Manager’s Monthly Update Regarding Activities of Note of the Kaua’i County Water Department
      a. Report of the BAB Bond pay down as of March 2014

   **QUARTERLY**

   1. Quarterly Update on Project Status
      a. Construction Management Division Status
      b. Engineering Division Design Status
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).

1. Pursuant to Hawaii Revised Statutes (HRS) Section 92-4, 92-5(a)(4), the purpose of this executive session is to review executive session minutes dated **February 27, 2014**. This consultation involves the consideration of the powers, duties, privileges, immunities, and/or liabilities of the Board and the Department as they relate to this agenda item.

K. **TOPICS FOR NEXT WATER BOARD MEETING (May 2014)**

1. Chairperson’s Report – Discussion and action steps concerning selection process for a new Manager and Chief Engineer of the Kaua‘i County Water Department (2)
2. New Board Policy for Delegating Routine actions from the Water Board to the DOW’s Manager and Chief Engineer regarding Right of Entry
3. Board discussion and adoption of FY2014-2015 Goals for the Manager
4. Board discussion and possible action for Unaccounted Water Reporting
5. New Board Policy for Department of Water Intra Fund Transfer

L. **TOPICS FOR FUTURE WATER BOARD MEETINGS (June 2014)**

1. **Manager’s Report No. 13-7** - Part 2 Section IX of the Rules, Adjustment of Bills for Undetected Leaks and Unforeseen Damages Proposed Amendments, Public Hearing Results
2. **Manager’s Report No. 14-24** - Part 4 Section I of the Rules, General Use Rates Proposed Amendments, SBRRB Results (awaiting Part 4 Section VII, Facilities Reserve Charge to be submitted together)
3. **Manager’s Report No. 11-28** – Part 5 of the Rules, Facilities Reserve Charge – New Rule, SBRRB Results (awaiting Part 4 Section VII, Facilities Reserve Charge to be submitted together)

M. **UPCOMING EVENTS**

1. Public Hearing – Part 2, Section IX of the Rules, Adjustment of Bills for Undetected Leaks and Unforeseen Damages Proposed Amendments (Date Pending)
2. Table of Organization Workshop (Date Pending)
3. AWWA 2014 Hawaii Section Conference, O‘ahu, HI (May 6-9, 2014)
4. AWWA 2014 Conference, Boston, MA (June 8-12, 2014)
5. Make a Splash, Project WET (September 18, 2014)
6. HWWA 2014 Conference, Kaua‘i, HI (October 15-17, 2014)

N. **NEXT WATER BOARD MEETING**

1. Thursday, May 22, 2014, 10:00 a.m.
2. Thursday, June 26, 2014, 10:00 a.m.
3. Thursday, July 24, 2014, 10:00 a.m.
4. Thursday, August 28, 2014, 10:00 a.m.

O. **ADJOURNMENT**
Draft Minutes
MEETING MINUTES
BOARD OF WATER SUPPLY
Thursday, February 27, 2014

The Board of Water Supply, County of Kaua‘i, met in regular meeting at the Board Conference Room in Līhu'e on Thursday, February 27, 2014. Chairperson Clyde Nakaya called the meeting to order at 10:07 a.m. The following Board members were present:

BOARD:  Mr. Clyde Nakaya, Chairperson
         Ms. Laurie Ho
         Mr. Hugh Strom
         Mr. Raymond McCormick
         Mr. Sherman Shiraishi
         Mr. Larry Dill

EXCUSED/ABSENT:  Mr. Michael Dahilig

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

STAFF:  Mr. Kirk Saiki
         Mr. Ryan Smith
         Ms. Marites Yano
         Mr. Dustin Moises
         Ms. Regina Flores
         Mr. Keith Aoki
         Ms. Kim Tamaoka
         Mr. Jeff Mendez
         Ms. Sandi Nadatani-Mendez
         Ms. Mary-jane Garasi
         Deputy County Attorney Andrea Suzuki

GUESTS:  Mr. Randall Nishimura, former Board Chair
         Mr. Hal Parrott, Private Citizen
         Deputy County Attorney, Marc Guyot

ACCEPTANCE OF AGENDA
Mr. Shiraishi moved to rearrange the agenda by moving New Business Item #4 Manager’s Report No. 14-31 - Contract No. 5360, IT Review and Assessment, Strategic Planning and Implementation, Fiscal staffing update before Item #8, Manager’s Report No. 14-34 - 2nd Amendment for contract No. 560, IT Review and Assessment, Strategic Planning and Implementation; seconded by Mr. Strom; with no objections, motion carried with 6 ayes.

Mr. Dill moved to accept the agenda as amended; seconded by Mr. Shiraishi; with no objections, motion carried with 6 ayes.

MEETING MINUTES
Review and approval of:
Regular Board Meeting – January 23, 2014
Mr. Strom moved to defer the approval of the Regular Board Meeting Minutes of January 23, 2014 due to grammar discrepancies and extended review from Board Members; seconded by Mr. Shiraishi; with no objections, motion was carried with 6 Ayes.

**Review and approval of:**

Ms. Ho requested to correct spelling on page 2; “Procedures” not “rocedures.”

Mr. Shiraishi moved to approve the Public Hearing – Benefit Zone minutes of January 23, 2014 as amended; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.

**Review and approval of Executive Session:**
Executive Minutes – January 23, 2014

Mr. Shiraishi moved to approve the Executive Session minutes of January 23, 2014; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.

**E. CORRESPONDENCE/ANNOUNCEMENTS**

Mr. Shiraishi moved to receive correspondence from Ms. Bonnie Bator, dated January 27, 2014 regarding Community Outreach Meeting, Water Plan 2020 Kahili High Level Well Energy Savings Project: Cost Savings Analysis; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.

**F. OLD BUSINESS**
1. Manager’s Report No. 12-56 - Determination of Reasonable Benefit from Expansion Project Impact Fees without Establishing Benefit Zones, Public Hearing Results

**BACKGROUND:**
On January 23, 2014, a Public Hearing was held with no opposition to the Determination of Reasonable Benefit from Expansion Project Impact Fees without Establishing Benefit Zones.

Acting Manager and Chief Engineer, Mr. Saiki recommended the Department assess expansion project impact fees without establishing benefit zones.

Mr. Dill moved to receive Manager’s Report No. 12-56 - Determination of Reasonable Benefit from Expansion Project Impact Fees without Establishing Benefit Zones, Public Hearing Results with the amendment stating there was one (1) attendee, Mr. Hal Parrott; seconded by Mr. Shiraishi; with no objections, motion was carried with 6 ayes.

**G. NEW BUSINESS**
1. Manager’s Report No. 14-28 - Request Board Approval of the Volunteer Agreement with Mike Fernandes for Grounds Maintenance of the DOW Nonou 0.2 MG Tank Site
BACKGROUND:

*Acting* Manager and Chief Engineer, Mr. Saiki recommended that the Board approve the annual Agreement allowing Mr. Michael Fernandes to continue providing voluntary site maintenance of the (inactive) Nonou 0.2 MG Tank Site, in Wailua. Mr. Fernandes has done the site maintenance for the past 20 years except for a one year gap. Mr. Fernandes has agreed to start the site maintenance again.

The Board discussed the following items:

- Tank is abandon and not connected to the water system
- Site is secured by fencing and a locked gate
- Concerns with Homeland Security with surrounding water systems and Pressure Reducing Valves (PRV)
- Addressing security with a non-employee volunteer
- In the agreement, the volunteer understands that he/she is personally liable for any negligent acts

Deputy County Attorney, Andrea Suzuki was unsure sure if there were Homeland Security laws relating to county water. Recommendations through the American Water Works Association could be addressed and reviewed if recommendations were accepted by the county.

The worst case scenario would be the contamination of the water system. Mr. Shiraishi agreed the agreement was well drafted and protects the Department, provides disclosure and waivers.

Mr. Shiraishi moved to approve *Manager’s Report No. 14-28* - Request Board Approval of the Volunteer Agreement with Mike Fernandes for Grounds Maintenance of the DOW Nonou 0.2 MG Tank Site subject to:

1) Due diligence on the Homeland Security issue. If there are Homeland Security issues based on the agreement, either party can terminate at any time.
2) The Department to follow up on security issues and a background check on Mr. Fernandes; seconded by Mr. Dill; with no objections, motion was carried with 5 ayes, 1 nay.

2. *Manager’s Report No. 14 – 29* - Reallocate Funds for Job No. 05-02 (HW-12), Drill and Test Wainiha Well No. 4 back to Build America Bond (BAB) Fund

BACKGROUND:

*Acting* Manager and Chief Engineer Mr. Saiki reported the reason for reallocating funds for Job No. 05-02 (HW-12), Drill and Test Wainiha Well No. 4 back to Build America Bond (BAB) Fund was that the Robinson land owner had an additional requirement for the site. This requirement needed to be redesigned with additional costs. The Department decided to cancel the construction project and to return funds back to the BAB fund.

DISCUSSION:

Chair Nakaya questioned why the Department did not consult with the land owner during the process?

Civil Engineer VI, Mr. Aoki explained that the land owner initially was okay with the location of the well site. After the land owner reviewed the site drawings, the land owner did not realize the well site was closer to an existing road and expressed some concerns.

Mr. Shiraishi moved to approve *Manager’s Report No. 14 – 29* – to Reallocate Funds for Job No. 05-02 (HW-12), Drill and Test Wainiha Well No. 4 back to Build America Bond (BAB) Fund; seconded by Mr. McCormick; with no objections, motion was carried 6 ayes.
Commission Support Clerk pointed out that *Manager’s Report No. 14-30 (iPads/hard copy)* reflected the incorrect report number which should be *Manager’s Report No. 14-30* (not 13-30).

*Acting* Manager and Chief Engineer, Mr. Saiki recommended to the Board to defer the water rate increase effective July 1, 2014 for six (6) months which was based on the $9.5M increase in the Capital Improvement Projects (CIP) reserve. $7M is appropriated this fiscal year ending June 30, 2014 with $12M in unassigned funds.

The Facility Reserve Charge (FRC) funds have adequate funding of $2.5M to support this fiscal year’s debt service payment. Although this fiscal year has adequate funding, the DOW would have to come back to the Board in April to establish an Inter Fund policy to be able to fund the debt service from the Water Utility Fund.

Waterworks Controller, Ms. Yano explained the FRC fund in the Fiscal Report *(page 100 in iPad)*.
- Year to Date FRC = $485,000
- July 1, 2013 = $2.6M
- BAB = $278,000 by year end
- $3M - expected to be spent this year
- Pay out of Debt Service occurs - February 1st and August 1st

*Acting* Manager and Chief Engineer, Mr. Saiki will review Board Policy No. 26, Emergency Reserve Fund and Board Policy 27, Debt Service Reserve Funds to make sure the changes made to Board Policy No. 3, Expenditure of Water Utility Funds is in concurrence with one another.

The Kaua‘i Department of Water needs to notify the Honolulu Board of Water Supply (HBWS) of the deferral by March 14th in order to defer the July 1st 2014 Water Rate Increase. It takes HBWS two (2) to test the changes in billing rates.

Mr. Dill suggested deferring the rate increase matter to the Finance Committee for recommendations. Without having any DOW projects, the rate increase would be not justified.

Acting Manager and Chief Engineer, Mr. Saiki and Civil Engineer IV, Mr. Keith Aoki provided a status of DOW projects:
- Seven (7) to eight (8) projects are 80% - 90% in design
- Projects encumbered next year would be $3M
- Approximately $12M projects are split funded
- BAB funded – $5M+ is out of $12M

Construction Project Management Officer, Mr. Moises added that $7M is appropriated but is not encumbered. He added that construction projects are not part of the $12M.

Mr. Randall Nishimura, former Board Chair provided his testimony and suggested that the Board know what the impact on the draft budget would be before making a decision.

Mr. Shiraishi moved to defer *Manager’s Report No. 14 – 30 – Proposed Deferral of July 2014 Water Rate Increase* and to refer to the Finance Committee; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.
F. **OLD BUSINESS**
   2. *Manager’s Report No. 13-19 – Discussion and approval of Assistant Chief of Operations, Position #2400 Table of Organization*

**BACKGROUND:**
In December 2012, the Department requested that the Board re-establish the position of Assistant Chief of Operations. This request was prompted by a November 2009 letter requesting Leave Without Pay to Certain Appointed Positions via Executive Order 03-02. The former Department Manager approved the request on November 2009. Between November 2009 and December 2012 the position was abolished by the Department. The County’s Department of Personnel Services (DPS) informed the Department that the positions should not have been abolished if the person could return to the position.

At the December 2012 Board Meeting, the Board was briefed on the re-establishment of the Assistant Chief of Operations position. Following this Board Meeting, the proposed Operations Division organization chart was signed by the Board Chairperson on December 20, 2012.

*Acting* Manager and Chief Engineer Mr. Saiki recommended that unless otherwise directed by the Board, the Department will consider the Assistant Chief of Operations as an *established* position that can be filled. The position is budgeted for the latter part of this fiscal year.

**DISCUSSION:**
Deputy County Attorney, Marc Guyot clarified that the Board accepted the communication but did not vote on approving the communications during the Executive Session on December 20, 2012. What was missing in the Executive Session minutes was the vote of the Board in open session to ratify the signed Table of Organization.

*Acting* Manager and Chief Engineer, Mr. Saiki noted that the Department has interviewed candidates but a selection has not been made. The County’s DPS approved the signed Table of Organization. For fiscal year 2013-2014, the Assistant Chief of Operations is funded for four (4) months that ends June 30, 2014.

Water Plant Superintendent, Ryan Smith explained that the two (2) Water Service Supervisors (Mr. Virgil Kapanui and Mr. Chris Nakamura) currently perform the duties of the Water Field Superintendent position which is the reason the Water Field Superintendent position was never filled.

**DISCUSSION:**
Mr. Moises gave a background on the Assistant Chief of Operations position and explained when Mr. Bill Eddy became the Deputy Manager, the Manager and Chief Engineer at that time deleted the Assistant Chief of Operations position and created two (2) SR-24 positions for the Water Plant Superintendent (filled) and Field Superintendent (not filled). When Mr. Eddy left the Department, the Assistant Chief of Operations position was reestablished.

Mr. Dill moved to go into Executive Session for *Manager’s Report No. 13-19 – Discussion and approval of Assistant Chief of Operations, Position #2400 Table of Organization*; seconded by Mr. McCormick; with no objections; motion was carried with 6 ayes. (Roll Call: LH, HS, RM, SS, LD, CN)

*At 11:05 a.m. the Board moved into Executive Session to take up I. Executive Session Items #2 & #3.*
Deputy County Attorney, Marc Guyot read the follow Executive Session language:

2. **Pursuant to Hawai'i Revised Statutes Sections 92-4 and 92-5(a)(4), the purpose of this executive session is to provide the Board with a briefing regarding the Re-Establishment of Assistant Chief of Operations - Position #2400. This briefing and consultation with the Board counsel involves the consideration of the powers, duties, privileges, immunities and/or liabilities of the Board and the Department as they relate to this agenda item.**

3. **Pursuant to Hawai'i Revised Statutes Sections 92-4 and 92-5(a)(4), the purpose of this executive session is to provide the Board with a consultation regarding the process of hiring a new Manager and Chief Engineer. This briefing and consultation with the Board counsel involves the consideration of the powers, duties, privileges, immunities and/or liabilities of the Board and the Department as they relate to this agenda item.**

At 12:07 p.m., Chair Nakaya called the Regular Board Meeting back to order.

Chair Nakaya announced the actions that were taken during Executive Session Items #2 & #3.

**Executive Session Item #2**

**Pursuant to Hawai'i Revised Statutes Sections 92-4 and 92-5(a)(4), the purpose of this executive session is to provide the Board with a briefing regarding the Re-Establishment of Assistant Chief of Operations - Position #2400. This briefing and consultation with the Board counsel involves the consideration of the powers, duties, privileges, immunities and/or liabilities of the Board and the Department as they relate to this agenda item.**

Chair Nakaya announced that the Board approved to ratify the action taken by the Board on December 20, 2012 including the Table of Organization.

**Executive Session Item #3**

**Pursuant to Hawai'i Revised Statutes Sections 92-4 and 92-5(a)(4), the purpose of this executive session is to provide the Board with a consultation regarding the process of hiring a new Manager and Chief Engineer. This briefing and consultation with the Board counsel involves the consideration of the powers, duties, privileges, immunities and/or liabilities of the Board and the Department as they relate to this agenda item.**

The Board authorized Chair Nakaya to conduct a search both internal and external for applicants and to advertise and fill the Manager and Chief Engineer position and to report back to the Board.

**NEW BUSINESS**


**BACKGROUND:**

On January 29, 2014, the DOW Operations Division discovered that the Kalāheo Deepwell No. 1 was inoperable due to a broken shaft which needed a back up water source. The Department requested for $85,000 to remove the pump and to repair the broken shaft.

At 12:11 p.m., Mr. Shiraishi exited the meeting.

At 12:13 p.m., Mr. Shiraishi re-entered the meeting.
Mr. Dill moved to approve *Manager’s Report No. 14 – 32* – Emergency Repairs Contract for Kalāheo Deepwell No. 1; seconded by Mr. Shiraishi; with no objections, motion was carried with 5 ayes.

6. *Manager’s Report No. 14- 33* – Discussion and approval of Accountant II, Position #2498 Table of Organization

**BACKGROUND:**
The Board approved the Manager’s recommendation in June, 2011. The revised organizational chart included a new position, Meter Reader/Field Collection Representative II. This new position was requested in anticipation of the increased volume of transactions in Billing due to the upcoming conversion of Customer Account System (CAS) to Customer Care & Billing (CC&B) and frequency of billing from bi-monthly to monthly billing.

Upon approval, the Board included the stipulation to revert the Accountant II position back to the Meter Reader/Field Collection Representative II when the Accountant IV is filled.

Since the implementation, the Fiscal Division finds that the Accountant II is needed as a permanent position and that the Meter Reader/Field Collection Representative II is not.

Mr. Shiraishi moved to approve *Manager’s Report No. 14- 33* – Discussion and approval of Accountant II, Position #2498 Table of Organization; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.


**BACKGROUND:**
On December 9th, BRIO held a Workshop for the Board to explain Phase 1 of the current contract, the redevelopment of the chart of accounts and the re-implementation of the financial system. The Board requested an update on the staffing capabilities for the go live date of July 1, 2014.

**DISCUSSION:**
The estimate of overtime is 200 hours and most of the work would be done during the staff’s normal work day (30% with more or less costing $5,000 of over time). Funding is available from vacant positions. Waterworks Info Tech. Officer, Jeff Mendez agreed to track the project and hours to make the deadline by June 30, 2014.

Mr. Shiraishi moved to receive *Manager’s Report No. 14 – 31* – Contract No. 560, IT Review and Assessment, Strategic Planning and Implementation, Fiscal staffing update; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.


**BACKGROUND:**
Waterworks Info. Tech. Officer, Jeff Mendez reported that the 2nd Contract Amendment for Contract 560 with BRIO is in the total amount of $370,000. The Department has availability to fund $300K. It is recommended that the Board approve the additional amount of $70,000 from the CIP Reserve Fund (Option 1) to go into a hosted environment.
$70,000 includes off site hosting for one (1) year, replication services (the server would be on the business location network). Each night, the offsite host would synchronize data and updates to the server locally. If communication went down, the business location network could still be worked on.

DISCUSSION:
Mr. Mendez explained that there would be very little down time with an offsite server. If the local server crashed with a duplicate hard drive in house, the down time to rebuild the server would take more than a day. The $300,000 has already budgeted to implement one server and the additional $70,000 funds would be needed to duplicate off site. It would take approximately 20-30 hours of overtime to do patches, weekly updates and back up which would free up the IT staff. The benefit of an offsite server would be if the primary in house driver and duplicate driver were destroyed, the rebuild would be faster from the offsite server.

Performance of an offsite server is 99.9% faster up time. Additional expenditures would make the new system quicker on the host network. The warranty period is for one (1) year, but there is an option to renew after the one (1) year.

The original contract includes the blank server and software to be installed locally. There would be no services for upgrades after installation.

Mr. Shiraishi amended the motion to re-evaluate the hosting after one year, but Deputy County Attorney Andrea Suzuki made clear that the $70,000 covered for one year.

Mr. Shiraishi withdrew his request to amend Mr. Dill’s motion.

Mr. Dill moved to approve Manager’s Report No. 14-34 – 2nd Amendment for Contract No. 560, IT Review and Assessment, Strategic Planning and Implementation; seconded by Mr. McCormick; with no objections, motion was carried with 6 ayes.

7. Chairperson’s Report - Discussion and action steps concerning selection process for a new Manager and Chief Engineer of the Kaua‘i County Water Department

This item was discussed during Item I. Executive Session; please see Executive Session Item #3 for the Board’s action.

H. REPORTS
MONTHLY
1. Statement of Kaua‘i County Water Department’s Revenues and Expenditures

BACKGROUND:
Ms. Yano reported on the Budget Status Summary, Water Utility Fund, FRC, BAB Fund and comparative reports and mentioned that there was a drop in water consumption.

Water Utility Fund, Line Item 101 – Capital Improvements $7.2M is budgeted with $92,000 unencumbered which was the assigned fund balance. Two (2) to three (3) projects would be awarded by June 2014. Approximately $3.5M has not been encumbered.

At 12:52 p.m., Chair Nakaya exited the meeting.
Mr. Dill moved to receive the Statement of Kaua‘i County Water Department’s Revenues and Expenditures; seconded by Mr. McCormick; with no objections, motion was carried with 5 ayes.

2. Report by the Public Relations Specialist on Public Relations Activities

BACKGROUND:
Ms. Tamaoka reported on the Public Relations Activities.

Press Releases:
January 21st – The Department announced community outreach meeting on Jan. 27th, at Kapa’a Middle School’s dining room regarding the Cost-Savings Analysis Report for the Kahili Horizontal Directionally Drilled Well.
January 31st – The Department announced the completion of a capital rehabilitation project for the Wainiha-Haena water system.

Blackboard Connect CTY Messages:
January 26th – The Department announced repairs were being made to a water main break in Wailua Homesteads. Updates were sent through the County of Kauai’s Facebook webpage.
January 28th – The Department announced a water outage to a portion of Halelani Village, due to a broken valve. Updates were sent through the County of Kauai’s Facebook webpage.

Published Articles:
January 22nd – “Kahili well public meeting on tap,” by TheGardenIsland.com
January 29th – “No well. No way.” by Chris D’Angelo, The Garden Island
February 1st – “Kauai Captured,” by Dennis Fujimoto, The Garden Island
February 1st – “Wainiha-Haena water system renovations completed,” TheGardenIsland.com

Published Letters to Editor:
January 31st – “Sometimes, aloha just doesn’t work,” by Gail Rosen, Lihue
January 31st – “Water conservation, not drilling, the answer,” by Bonnie P. Bator, Anahola
February 2nd – “Too many red flags on ‘Kahili Well’ plan,” by Jay Perreira, Lihue

Kahili Horizontal Directional Drilled Well – Community Outreach Meeting
The Department held a community outreach meeting regarding the Cost-Savings Analysis Report for the Kahili HDD Well, on Jan. 27th, at the Kapa’a Middle School dining room. The Department did not receive any public comments specifically on the Cost-Savings Analysis Report. The meeting’s planning team met on Jan. 30th, to review and assess the outcome of the meeting.

Water Conservation Advisory Group (WCAG):

Project Water Education for Teachers (WET):
Ms. Tamaoka met with Mr. Dan Chang, State Department of Health Safe Drinking Water Branch, to discuss the Department’s existing contract to develop and implement a statewide Project WET for Source Water Protection Education. Mr. Chang advised Ms. Tamaoka that a plan and schedule should be presented at their next meeting on February 26th. Ms. Tamaoka has registered to attend the 2014

**Employee Council (EC):**
Ms. Tamaoka and Mr. Kevin Pongasi will represent the Department on the EC this year. The EC held a meeting on Feb. 13th. The EC Appreciation Luncheon is scheduled for Thursday, April 17.

**Miscellaneous:**
- Yearbook Updated – The 2014 Employee Yearbook was completed in January. A digital copy was posted onto the Department’s Intranet, and one hard copy was printed per division for employees.
- Hygiene Supplies Drive for Homeless Veterans – The Department donated 353 Project WET Hand Sanitizers to the Kauai RSVP-sponsored Hygiene Supplies Drive on Jan. 17th.
- Career Day – Mr. Dustin Moises and Ms. Tamaoka attended King Kaumuali’i Elementary School’s Career Day on Feb. 3rd. Mr. Dustin gave a presentation about the Department and Civil Engineering to approximately 40 fifth grade students. Kalani Dabin, Russell Coyaso and Darren Galas cleaned and transported the Department’s mini excavator to the school for the students to view.
- Logo Orders – PR ordered 100 new vehicle decals for the Department’s vehicles and equipment. PR also ordered a new batch of employee uniforms, and is working on a new SOP which will provide information on the Department’s uniform policy and procedure.

Mr. McCormick moved to receive Public Relations Specialist on Public Relations Activities; seconded by Mr. Dill; with no objections, motion was carried with 5 ayes.


*At 12:54 p.m., Chair Nakaya re-entered the meeting.*

Mr. Shiraishi moved to receive Chief of Operation’s Summary Report on Monthly Operational Activities Report; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.

4. Manager’s Monthly Update Regarding Activities of Note of the Kaua`i County Water Department

*Acting* Manager and Chief Engineer highlighted the following:

1. **CONTRACTS AWARDED/EXTENSION/AMENDMENTS:**

RE: 1st Amendment to Contract No. 520 with Fukunaga & Associations, Inc. for Job No. 10-01, #ANI-01, Pipeline Replacement from Kīlauea to 'Anini, Kīlauea-Kalihiwai- 'Anini Water System, Kīlauea, Kaua‘i, Hawai‘i

The State Historic Preservation Division (SHPD) required an archaeological monitoring plan. The Planning Department did not require a Special Management Area Permit. Dollars for the SMA permit was used for the archaeological monitoring plan. This had a no cost change and a $475.00 deduction.
2. Personnel Matters Update:

*Operations Division:*
Assistant Chief of Water Operations #2400 – Interviews held
Pipe Fitter - Filled

*Fiscal Division:*
Accounting IV – Filled
Customer Service Representative (CSR) – Interviews held

*Engineering Division:*
CE II #2458 – DOW reviewing duties - CE II position may move to a CE I position
CE V #2358 – Pending eligible list of applicants. Previously an individual was hired as a CE V but had to move back to the mainland.

3. 2014 Legislative Session Update:
The Department is tracking the following live Bills for this legislative session.

- **HB1969** – Relating to Water Royalties - Assesses $1 royalty for every 1000 gallons pumped from the State's aquifers. Dedicates revenues to offset water system project costs. The DOW has submitted testimony along with Hawai‘i County and the Honolulu Board of Water in opposition of this bill

- **SB2667** – Relating to State Water Code - Requires a private person or entity to obtain a permit to withdraw ground water in certain counties. Establishes certain counties as a designated water management area. The DOW has submitted testimony in opposition of this bill

- **SB3094** – Relating to Counties - Empowers counties to impose and enforce liens upon premises served for unpaid water or sewer charges after an opportunity to be heard under chapter 91, HRS. repeals the authority of each county to take over from the State existing waterworks systems and sewer systems and to enlarge, develop, and improve the same. The DOW submitted testimony in support of this bill. This bill allows the county to pass rules or ordinance to allow liens.

Mr. Shiraishi moved to receive 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 6 ayes.


Mr. Shiraishi moved to receive Report of the BAB Fund pay down as of January 2014; seconded by Mr. Dill; with no objections, motion was carried with 6 ayes.

**J. TOPICS FOR NEXT WATER BOARD MEETING (March)**
1. Draft FY 14-15 Budget –
   • New format for the Draft FY 14-15 Budget will be presented at the Workshop.
   • Budget worksheets will be provided at the March meeting.
   • Budget reports may be done on or before the March agenda posting.
2. *Manager’s Report No. 14 – XX* – New Board Policy proposed draft language for Delegating Routine actions from the Water Board to the DOW’s Manager and Chief Engineer regarding Right of Entry
Energy Savings Project, *Cost Savings Analysis*

4. Inter Fund Borrowing Policy

K. **TOPICS FOR FUTURE WATER BOARD MEETINGS (April)**


2. *Manager’s Report No. 14-24* - Part 4 Section I of the Rules, General Use Rates Proposed Amendments, SBRRB Results (awaiting Part 4 Section VII, Facilities Reserve Charge to be submitted together)


4. *Manager’s Report No. 14 – XX* - Board discussion and possible action for Unaccounted Water

5. Homeland Security with Water Systems

6. Table of Organization Workshop

L. **UPCOMING EVENTS**


2. Public Hearing – Part 2, Section IX of the Rules, Adjustment of Bills for Undetected Leaks and Unforeseen Damages Proposed Amendments (*Date Pending*)

3. AWWA 2014 Hawaii Section Conference, O’ahu, HI (*May 6-9, 2014*)

4. AWWA 2014 Conference, Boston, MA (*June 8-12, 2014*)

5. Make a Splash, Project WET (*September 18, 2014 Tentative*)

6. HWWA 2014 Conference, Kaua'i, HI (*October 15-17, 2014*)

M. **NEXT WATER BOARD MEETING**

1. Thursday, March 27, 2014, 10:00 a.m.
2. Thursday, April 24, 2014, 10:00 a.m.
3. Thursday, May 22, 2014, 10:00 a.m.
4. Thursday, June 26, 2014, 10:00 a.m.

*At 1:17 p.m., Mr. Dill exited the meeting.*

N. **ADJOURNMENT**

Mr. Shiraishi moved to adjourn the Regular Board meeting at 1:21 p.m.; seconded by Mr. McCormick; with no objections, motion was carried with 5 ayes.

Respectfully Submitted, 

Approved,

Edie Ignacio Neumiller 
Commission Support Clerk

Hugh A. Strom 
Secretary – Board of Water Supply
Correspondence
4-8-2014

Mr. Clyde Nakaya  
Chairperson of the Board  
Kauai Board of Water Supply  
4398 Pua Loke St, P.O. Box 1706, Lihue, Hi, 96766

CC: Kirk Saiki, Acting Manager & Chief Engineer

Re: TMK 4-6-06:019 and 4-6-06:017  
Subdivision No.S-2103-23

Dear Mr. Nakaya,

The applicant has received tentative approval for the subject 8 lot subdivision on 6660 Kawaihau Road. We were led to believe that we could get twelve (12) 5/8" water meters for the subdivision should we convert the existing 1" meter to 5 meters, keep an existing 5/8" meter and pay the FRC for an additional six 5/8" meters which has been paid. It was common practice by the department to collect the FRC only when the meters are immediately available and we were led to believe that it was imminent when we paid for them.

It is my understanding that the Department is offering only 8 meters total for the project with a potential density of 12 houses and the County has imposed an affordable housing exaction based on 12 houses of $422,584.

Therefore, I hereby request time to address the board at the meeting on April 24, 2014 and request an affirmative action with regards to the 12 water meters.

Thank you very much,

Christopher Singleton

Makaleha Gardens LLC Managing member
csingletonkauai@msn.com, Phone: 808-652-0425
Makaleha Gardens, LLC  
6748 Waipouli Rd  
Kapaa, HI, 96746  
CC Kacy Chatfield, Kacychatfield@gmail.com
January 15, 2014

Mr. Kirk Saiki, Acting Manager
Department of Water
County of Kauai
4398 Pua Loke Street
Lihue, HI 96766

Attn: Mr. Edward Doi

RE: WATER METER REQUEST
TMK: (4) 4-6-06:17 AND 19 (LOT 71-A)
KAPAA HOMESTEADS, KAUAI, HAWAII
(5-2013-23)

Dear Mr. Doi,

We represent the owner of the above property. The property is zoned Ag and has an area of 20,000 acres. The property has one existing 1" water meter and a 5/8" water meter, which is equivalent to 6-5/8" water meters. They are requesting six (6) additional 5/8" water meters for the subject parcel. The twelve (12) meters will be servicing future development of the property.

Irrigation water for the property will be from the existing State ditch running through the property.

Should you have any questions or need more information, please call me at 246-0625.

Thank you.

Very truly yours,

Wayne T. Wada

WTW:gt
SUBDIVISION REPORT

TO: PLANNING DEPARTMENT
FROM: DEPARTMENT OF WATER
4-6-06:017; 4-6-06:019; NAME: Roy Morita; Marvin Morita; Beverly Morita
TMK: 4-6-06:020 per. SURVEYOR: Esaki REPORT NO: S-2013-23

1. Tentative approval is recommended.
   Water Requirements are not affected. Tentative approval is recommended.
2. All requirements have been fully met and therefore, Final approval is recommended.
3. Before final approval can be recommended, the subdivider must:
   A. Pay the Department of Water the following charges in effect at the time of receipt. At the present time, these charges include:
      1) The Facilities Reserve Charge (FRC):
         \[ 6 \text{ Lots} \times \$4,600 \text{ per lot} = \$27,600 \]
      2) Payment to install \( \_ \_ \_ \_ \_ \) or relocate \( \_ \_ \_ \_ \_ \) service connection(s) at the fixed cost of \( \_ \_ \_ \_ \_ \). If the subdivider causes a delay in the service connection installation after one year since final map approval, the subdivider shall be charged the increase in the fixed cost, if any.
      3) Deposit (the subdivider will either be billed or returned the difference between this deposit and the actual cost of construction of \( \_ \_ \_ \_ \_ \) for construction by the Department of Water.
   B. Submit to the Department of Water a copy of the subdivider's permit to perform work upon a State highway from the State Highways Division.
   C. Prepare and receive Department of Water's approval of construction drawings for the necessary water system facilities and either construct said facilities or post a performance bond for construction. These facilities shall also include:
      1) The domestic service connections.
      2) Additional Source Facilities. The existing source facilities providing service to the Kapaa Homesteads area are operating at capacity and the Department is in the process of implementing a source restriction for this service area which will limit developments to five 5/8-inch water meters or five single family dwellings per existing lot of record. The Department plans to construct additional source facilities in the near future for the area.
   D. Prepare and convey to the Department of Water a Right-of-Entry and Temporary Grant of Easement for the purpose of construction, repair, maintenance and operation of the subdivision water system improvements installed in other than County-owned property.
   E. If a bond is filed, to secure final subdivision approval, the subdivider shall clearly letter the following on the approved construction plans, final subdivision map, and deeds:
      "Domestic water service will not be available until the required construction improvements for this subdivision are completed and accepted by the Department of Water, County of Kaua'i."
      This deed restriction shall be recorded with the Bureau of Conveyances within ninety (90) days of final subdivision approval by the Planning Department.
4. Installation of service connections will not be required until request for water service is made. The applicant for service will be charged the applicable service connection charges at that time.
5. Other (or remarks):
   The Subdivider is made aware that:
   A. The existing water meter(s) that presently services the original TMK: 4-6-06:017 and which will front the newly created Lot 1 and Lot 4 will remain in their present locations. Future requests to relocate said water meters, will require the applicant to complete all Department of Water requirements existing at that time.
   B. The existing 1-inch water meter presently assigned to TMK: 4-6-17 is equivalent to five 5/8-inch water meters in accordance with the Department of Water's SOP 52. In the event the existing 1-inch water meter is converted to five 5/8-inch water meters the Department's comments may change.

\[ \text{Signature: } \text{Date: } 8/27/13 \]
Subdivision Report No. S-2013-23
February 19, 2014

Mr. Wayne Wada
Esaki Surveying & Mapping, Inc.
1610 Haleukana Street
Lihue, HI 96766

Dear Mr. Wada:

Subject: Water Meter Service Request: Six Additional 5/8-Inch Water Meters (S-2013-23; One Existing 1-inch Water Meter, One 5/8-Inch Water Meter) to TMK: 4-6-06:017 and TMK: 4-6-06:019 Lot 71-A, Kawaihau Road, Kapaa Homesteads, Kauai

This is in regard to your request dated January 15, 2014 to attend the Kauai Board of Water Supply Meeting scheduled for Thursday, February 27, 2014 regarding the subject Water Meter Service Request. Your request for six (6) additional 5/8-inch water meters to Lot 71-A is conditionally approved for residential use.

At the present time, the existing source facilities for this area are operating at capacity. The Department is limiting water service approvals to five 5/8-inch water meters or five single family dwellings per existing lot of record. The existing 1-inch water meter is equivalent to five 5/8-inch water meters in accordance with the Department of Water’s SOP 52 which totals the allowable five 5/8-inch water meter limit.

Prior to the Department of Water (DOW) recommending water meter service or building permit approval, the applicant must:

1. Submit a proof of authorization from the owner of the property that allows you to request water meters for said owner.

2. Prepare and receive DOW’s approval of construction drawings for the necessary water system facilities and construct said facilities. These facilities shall include but not be limited to:
   a) The domestic service connection.
   b) The fire service connection, if applicable.
   c) The interior plumbing plans with the appropriate backflow prevention device for the proposed and existing water meter(s).
   d) Additional source facilities. The applicant may wait until others including the DOW to construct additional source for this area.

3. Pay the applicable charges in effect at the time of payment to the Department. At the present time, these charges shall include but not be limited to the Facilities Reserve Charge (FRC) of $4,600 per 5/8-inch water meter or $27,600.00. DOW records indicate that the FRC of $27,600 required for the proposed subdivision S-2013-23 was paid on
January 27, 2014, receipt#90927. Therefore, additional FRC will not be required at this time.

The applicant is made aware that applicable FRC liability shall be offset by up to 33% each where water source or water storage improvements are constructed and up to 50% where transmission mains are constructed; provided that the total amount of all offsets shall not exceed 100% of the applicant's FRC liability, and provided further that the offset for any source or storage improvements or transmission main shall not exceed the actual cost of the source or storage improvement or transmission main.

4. Receive a “Certification of Completion” for the construction of the necessary water system facilities from the DOW.

This conditional approval is valid for a period of one (1) year from the date of this letter. All conditions in this approval are subject to the Rules and Regulations of the DOW as amended or as will be amended. After this one year period, this conditional approval shall be null and void and the applicant may re-apply to the Department for water service. Any request for water service will be dependent on the adequacy of the source, storage, and transmission facilities existing at that time.

If you have any questions concerning the construction drawings, please contact Mr. Roman Silvestre at (808) 245-5412. For questions concerning the Certification of Completion, please contact Mr. Dustin Moises at (808) 245-5459. For other questions, please contact Ms. Regina Flores at (808) 245-5418.

Sincerely,

Kirk Saiki, Acting Manager & Chief Engineer
for Edward Dole
Water Resources and Planning Division

CONCURRED:

Clyde Nakaya, Chairperson
Kaua‘i Board of Water Supply

DOW NOTES:

- As per request letter dated January 15, 2014, irrigation water for the property will be from the existing State ditch.
DEPARTMENT OF WATER
County of Kauai
OFFICIAL RECEIPT

No. 90927

$27,100.00

Date 1/27/14

Received from

CITY OF LIL`IWI

the amount of

TWENTY-SEVEN THOUSAND DOLLARS

FOR:

Installation Charges

Specs. & Plans

Advance Deposit

Construction Deposit

Others

Authorized Agent

KAWAHAI

Water System

S-2012-2

VENDOR: MARVIN & FAMILY (MARVIN & FAMILY)

(Handwritten)
Feb 27 water board meeting request

Ignacio-Neumiller, Edith <eineumiller@kauaiwater.org>
To: "kacychatfield@gmail.com" <kacychatfield@gmail.com>
Cc: Chris Singleton <csingletonkauai@msn.com>

Thu, Jan 16, 2014 at 10:10 AM

Aloha Kacy,

Yes, I received your email and confirmed with Chris. Both of you will be on the February 27, 2014 Regular Board Meeting agenda. The meeting starts at 10:00 a.m.

I will be forwarding you an agenda a week prior to the meeting.

Thank you,

Edie Ignacio Neumiller

Commission Support Clerk

245-5406

---

From: kacychatfield@gmail.com
Sent: Wednesday, January 15, 2014 4:36 PM
To: Ignacio-Neumiller, Edith
Cc: Chris Singleton
Subject: Fwd: Feb 27 water board meeting request

[Quoted text hidden]
RE: Water Meter Request (Feb 27 water board meeting request)

Ignacio-Neumiller, Edith <eineumiller@kauaiwater.org>  
To: Kacy Chatfield <kacychatfield@gmail.com>  
Cc: "Garasi, Mary Jane" <mgarasi@kauaiwater.org>  

Wed, Feb 19, 2014 at 12:28 PM

Aloha Kacy Chatfield (on behalf of Christopher Singleton),

Please read the attached correspondence mailed to Mr. Wayne Wada, Esaki Surveying & Mapping, Inc. regarding Mr. Christopher Singleton's request regarding water meter service. We hope that this addresses Mr. Singleton’s request.

The request to appear before the Board on February 27th will not be on the agenda as this is not part of the Board’s purview.

Thank you,

Edie Ignacio Neumiller
Commission Support Clerk

From: Kacy Chatfield [mailto:kacychatfield@gmail.com]  
Sent: Thursday, January 16, 2014 8:29 AM  
To: Ignacio-Neumiller, Edith  
Subject: Re: Feb 27 water board meeting request

Thank you Edie,

I wish you a wonderful day.

https://mail.google.com/mail/u/0/?ui=2&ik=91a231d6c0&view=pt&q=...ps=true&search=query&msg=1444bd65c5f3b45&siml=1444bd65c5f3b45
Kacy Chatfield, REALTOR (S), CRS, GRI
Hawaii Life Real Estate Brokers
808-635-5426

Servicefromtheheart.com
Kacy@hawaiilife.com
From my IPhone

On Jan 16, 2014, at 8:10 AM, "Ignacio-Neumiller, Edith" <eineumiller@kauaiwater.org> wrote:

Aloha Kacy,

Yes, I received your email and confirmed with Chris. Both of you will be on the February 27, 2014 Regular Board Meeting agenda. The meeting starts at 10:00 a.m.

I will be forwarding you an agenda a week prior to the meeting.

Thank you,
Edie Ignacio Neumiller
Commission Support Clerk
245-5406

From: kacyjchatfield@gmail.com
Sent: Wednesday, January 15, 2014 4:36 PM
To: Ignacio-Neumiller, Edith
Cc: Chris Singleton
Subject: Fwd: Feb 27 water board meeting request
Thank you for calling me back.

Love to get receipt that I got the right address.

Begin forwarded message:

From: kacychatfield@gmail.com
Date: January 15, 2014 at 2:27:50 PM HST
To: "eignacioneumiller@kauaiwater.org" <eignacioneumiller@kauaiwater.org>, Chris Singleton <csingletonkauai@msn.com>
Subject: Feb 27 water board meeting request

Jan 15, 2014

Please add Christopher Singleton dba Makaleha Gardens llc to the agenda for 2/27/14 water board meeting.

Christopher Singleton
808-652-0425
Csingletonkauai@msn.com

This is in regards to TMK (4) 4-6-6:17 and 19 water meter request per letter dated Jan 15, 2014.
To Mr. Kirk Saeki, Acting Manager from Wayne Wada
Reason:
Requesting six (6) additional water meters for the subject properties.

Thank you for your time,

Kacy Chatfield, REALTOR (S), CRS, GRI
Hawaii Life Real Estate Brokers
Kacy@hawaiilife.com
Servicesfromtheheart.com
(808) 635-6426
COUNTY OF KAUA'I
PLANNING DEPARTMENT

S U B D I V I S I O N R E P O R T
S - 2 0 1 3 - 2 3

Applicant: Roy K. Morita, Marvin M. Morita, Beverly S. Morita
Date Accepted: June 17, 2013
Surveyor/Authorized Agent: Dennis M. Feak
Prelim Approval: August 31, 2013

Map Title: Subdivision of Lot 71-A, Being all of Grants 7517 and S-14707 Kapa'a Homesteads, First Series into Lots 1 to 8, inclusive and Designation of Basement AU-1 at Kapa'a, Kauai, Kauai
TMC: 4-6-60:17, 19, 20

GENERAL INFORMATION

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<tr>
<th>Tax Map Key</th>
<th>Property Size</th>
<th>Zoning</th>
<th>General Plan</th>
<th>State Land Use Designation</th>
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*AGENCY COMMENTS*

✓ Public Works: 7/16/2013
✓ DOT-Highways: 7/15/2013

*EXISTING ROAD RIGHT-OF-WAY (S)*

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</tbody>
</table>

*APPLICABLE FEES*

✓ Environmental Impact Assessment (EIA) | ✓ Park Dedication | ✓ Determined by Appraisal Report

$1,500.00

Appraisal Req'd

TENTATIVE APPROVAL

EVALUATION: It should be noted that Waiakea Road is an unimproved roadway. The Applicant shall be made aware that further development of the subject property may require improvements to the unimproved roadway and thus should be a "No Access" restriction along the Waiakea Road until it is improved with an all-weather surface roadway pavement. Additionally, it should be noted that the property is subject to the "one-time" subdivision limitation for parcels within the Agriculture District (A), per Section 8-7.4(a) of the Comprehensive Zoning Ordinance (CZO), Kauai County Code (1987).

RECOMMENDATION: [✓] Tentative Approval Subject to Conditions <Next Page>

\[Signature\] 8-8-13
\[Date\]

Approved as Recommended
Comments:

[Signature] [Date]

Planning Director

FINAL APPROVAL

Acceptance Date: [ ] All Conditions Compilied With

Comments:

Approved and Recommended to the Commission:

\[Signature\] [Date]

Planning Director

[Date]
CONDITIONS OF TENTATIVE APPROVAL: S-2013-23

1. Requirements of the Planning Department:

   a. An updated preliminary title report for the existing lot shall be submitted to the Planning Department for review.

   b. All existing and proposed easements shall be identified in the deed descriptions of affected lots and shown on the final subdivision map. Draft copies of the deed descriptions shall be submitted to the Planning Department for review and approval.

   c. Pursuant to section 9-3.8(b) of the Subdivision Ordinance, Kauai County Code (1987), the applicant shall submit to the Planning Department an electronic record (digitized format) of the final subdivision map(s) on disk for record keeping purposes prior to final subdivision approval.

   d. An Environmental Impact Assessment Fee of One Thousand Five Hundred Dollars ($1,500.00) shall be paid to the County of Kauai.

   e. The Applicant shall pay a Park Dedication fee pursuant to Section 9-2.8 of the Kauai County Code Subdivision Ordinance. An appraisal report and price list shall be provided to the Planning Department to forward to the Real Properties Division to help calculate the fee amount.

   f. Kawaihau Road is a substandard County roadway which shall be improved to accommodate the proposed development. As such, Kawaihau Road shall be improved to the specifications of the Department of Public Works for a Major Street (60 feet Right-of-Way). The Applicant shall prepare and obtain construction plan approvals for necessary road, water, drainage, electrical and telephone utilities and facilities, and either construct the same or post a surety bond for completion.

   g. A strip of land along Kawaihau Road, for road widening subject to the specifications of the Department of Public Works, shall be dedicated to the County of Kauai. The Dedication Deed shall be prepared by the Applicant and shall be ready for execution prior to final approval.

   h. In order to minimize vehicular access points along Kawaihau Road, vehicular traffic entering/entering the subdivision shall be limited to central access points. As such, the pole sections of the double flag lots shall be designated as common access/utility easements in favor of each other and to the adjacent lots. This restriction shall be incorporated into the deed descriptions of the affected lots, draft copies of which shall be submitted to the Planning Department for review and approval.

Furthermore, the pole section of the double flag lots shall be improved to accommodate two-way vehicular traffic. Requirements may be added, modified, and/or deleted while in the process of resolving this condition.

   i. Waialea Road is an unimproved roadway. The Applicant shall be made aware that residential development on these parcels may require improvements to the unimproved roadway and there should be a "No Vehicular Access" restriction along the Waialea Road until it is improved with an all-weather surface roadway pavement. This provision shall be incorporated as a restrictive covenant for the subject lot, draft copies of which shall be submitted to the Planning Department for review and approval.

   j. The Applicant is advised that uses on the newly-created lots shall be limited to those listed as permissible uses within the "A" Agricultural District in the State Land Use Commission Rules and Regulations. Dwellings on the lot shall mean a single-family dwelling located on and used in connection with a farm where agriculture activity provides income to the family occupying the dwelling. These restrictions shall be included in the covenants for the proposed lots, draft copies of which shall be submitted to the Planning Department for review and approval.
k. In order to ensure that the subdivision and development of property complies with the
land use requirements contained in Chapter 205 of the Hawai‘i Revised Statutes
("HRS"), the following matter shall be resolved prior to final subdivision approval:

(1) The Applicant shall provide the following documents to the Subdivision
Committee of the Planning Commission ("Subdivision Committee") for its
review and approval:

(A) An Agriculture Master Plan shall describe the proposed
agricultural uses of the property, the marketing and business plans
associated with such activities, and the manner in which the
agricultural and related uses on the property will comply with HRS
Chapter 205.

(B) A map of the property showing the proposed location of:
Agricultural Activities; Building Areas; and Agricultural
Easements.

(C) A Declaration of Conditions, Covenants and Restrictions
("Restrictive Covenants") which will be recorded in the Bureau of
Conveyances of the State of Hawai‘i ("Bureau"), which will
encumber and run with the property, and which will provide and
require: that the owners of the lots in the subdivision
("Subdivision Lots") shall comply with the Agricultural Plan and
the provisions of HRS Chapter 205; that the owners of all of the
Subdivision Lots shall be members in an association
("Association") which will have the power and duty to enforce the
Restrictive Covenants; that the Association shall file periodic
reports (as determined by the Planning Department) with the
Planning Department verifying compliance with the Agricultural
Master Plan; and that the Agricultural Master Plan shall not be
amended without prior approval of the Planning Department.

(D) An Agricultural Subdivision Agreement which will be recorded in
the Bureau, run with and encumber the property, and which will
provide and require: that each Subdivision Lot owner shall
indemnify, defend and hold the County harmless from any claims
arising out of the failure of the Subdivision Lot owner to comply
with the Agricultural Master Plan and/or HRS Chapter 205; and
that in the event of a Subdivision Lot owner's noncompliance with
the Agricultural Master Plan and/or HRS Chapter 205 as
determined by the Planning Department, the County and the State
of Hawai‘i shall have the right to refuse to grant any permits or
approvals for uses or development on any Subdivision Lot affected
by such noncompliance unless and until the noncompliance is
cured, as determined by the Planning Department.

l. The subdivider should consult the Planning Department to establish a building setback
line for the subdivision to mitigate adverse impacts to the nearby ditch and prohibit
development within the "Riparian Area." Prior to final subdivision approval, design
covenants, including but not limited to setback lines, structures, and landscaping, shall be
established to ensure this. Building setback lines shall be shown on the final subdivision
map and design covenants shall be incorporated into the deed descriptions of the affected
lots, draft copies of which shall be submitted to the Planning Department for review and
approval.

m. Relative to the requirements/standards set forth in Ordinance No. 777, the subdivider shall
resolve with the Planning Department the provision of public access.

If public access is required, the applicant shall propose an access plan identifying the access
location(s) for the review and approval of the Planning and Public Works Departments.
Furthermore, proper documents shall be prepared and ready for execution prior to final
CONDITIONS OF TENTATIVE APPROVAL: S-2013-23

subdivision approval. The Planning Department reserves the right to impose additional conditions relating to this matter while in the process of resolving this condition.

2. Requirements of the Department of Public Works (DPW):

DRAINAGE

a. A stream and natural valleys or swales traverses through and along the property. These natural water courses will collect and concentrate storm flows through the site. A drainage study and provisions need to be established to prevent structures from being built in flood prone areas and to preserve the function and capacity of the water courses.

b. The subdivision and subsequent development of residences and other impermeable surfacing will increase storm water flowage. A drainage study needs to be made to evaluate the impacts of the increased runoffs. Measures to keep flow rates to predevelopment conditions will be required if adverse drainage impacts are anticipated.

c. The flood zoning, FIRM panel no.201 E, and the date of the FIRM November 26, 2010 needs to be labeled on the final map.

ROAD

d. The subject subdivision abuts Kawaihau Road on the South and Waikea Road on the North. Kawaihau Road is a County roadway with a variable right of way that varies between 46 to 56 feet in width as scaled from the preliminary subdivision map and an average pavement width of approximately 18 feet. The 18 feet pavement width is adequate for two way passenger vehicular type traffic. Waikea Road has a right of way width of approximately 30 feet and is an unimproved roadway. The 30 feet right of way width is inadequate for a minor street classification. Access from the subdivision lots to Waikea Road needs to be restricted until the roadway is improved to County Standards.

e. The Preliminary map shows Kawaihau Road pavement encroaches onto Lot 4. The roadway pavement encroachment and its roadway shoulder needs to be dedicated to the County. Roadway dedication is requested in addition to bringing Kawaihau Road right of way to a collector road classification (56 feet right of way).

3. Requirements of the Department of Water (DOW):

a. The subdivider shall comply with the requirements of the Department of Water. The subdivider shall be notified of such requirements upon receipt of their report.

4. Requirements of the State Department of Health (DOH):

a. All structures and wastewater disposal systems are not shown on the subdivision map. The Wastewater Branch will not recommend final approval of the subdivision application until we have information on the existing wastewater systems. The applicant must have his/her engineer or contractor submit a completed existing cesspool information card for each cesspool, identifying the location of all wastewater systems with associated structures and their relationship to existing and proposed property lines.

b. Noise will be generated when/If construction occurs. The applicable maximum permissible sound levels as stated in Title 11, Hawaii Administrative Rules (HAR), Chapter 11-46, entitled “Noise Control” unless a noise permit is obtained from the State Department of Health (DOH).

c. Temporary fugitive dust emissions could be emitted when/If construction activities occur when/If the subdivide lots are developed after subdivision. At that time, in accordance with Title 11, HAR, Chapter 11-60.1, entitled “Air Pollution Control”, effective measures for air pollution control shall be provided to minimize or prevent any fugitive dust emissions caused by the construction work from impacting the surrounding areas. This
includes the off-site roadways used to enter / exit the project. The control measures include but are not limited the use of water wagons, sprinkler systems, dust fences, etc.

d. In accordance with Title 11, HAR, Chapter 11-58.1, entitled "Solid Waste Management Control", the construction waste that is generated when the subdivided lots are developed shall be either recycled or disposed of at a solid waste disposal facility that complies with the DOH. The open burning of any of these wastes on or off site is prohibited.

e. Any project and its potential impacts to State waters must meet the following criteria:

1) Anti-degradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.

2) Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.

3) Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).

f. Please call the Army Corps of Engineers at (808) 438-9258 to see if this project requires a Department of the Army (DA) permit. Permits may be required for work performed in, over, and under navigable waters of the United States. Projects requiring a DA permit also require a Section 401 Water Quality Certification (WQC) from our office.

g. You are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). For the following types of discharges into Class A or Class 2 State waters, you may apply for NPDES general permit coverage by submitting a Notice of Intent (NOI) form:

1) Storm water associated with industrial activities, as defined in Title 40, Code of Federal Regulations, Sections 122.25(b)(4)(i) through 122.25(b)(4)(ix) and 122.26(b)(4)(xi).

2) Storm water associated with construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NPDES permit is required before the start of the construction activities.

3) Treated effluent from leaking underground storage tank remedial activities.

4) Once through cooling water less than one (1) million gallons per day.

5) Hydro-testing water.

6) Construction dewatering effluent.

7) Treated effluent from petroleum bulk stations and terminals.

8) Treated effluent from well drilling activities.

9) Treated effluent from recycled water distribution systems.

10) Storm water from a small municipal separate storm sewer system.

11) Circulation water from decorative ponds or tanks.
h. You must submit a separate NOI form for each type of discharge at least 30 days prior to the start of the discharge activity, except when applying for coverage for discharges of storm water associated with construction activity. For this type of discharge, the NOI must be submitted 30 before the start of construction activities.

i. For types of wastewater not listed in Item 2 above or wastewater discharging into Class 1 or Class AA waters, you must obtain an NPDES individual permit. An application for an NPDES individual permit must be submitted at least 180 days before the commencement of the discharge.

j. You must also submit a copy of the NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), to demonstrate to the satisfaction of the CWB that SHPD has or is in the process of evaluating your project. Please submit a copy of your request for review by SHPD or SHPD’s determination letter for the project along with your NOI or NPDES permit application, as applicable.

k. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State’s Water Quality Standards. Noncompliance with the water quality requirements contained in HAR, Chapter 11-54 and/or permitting requirements, specified in HAR Chapter 11-55 may be subject to penalties of $25,000 per day per violation.

l. The property may harbor rodents which will be dispersed to the surrounding areas when the site is cleared. In accordance with Chapter 11-26, entitled “Vector Control”, Title 11, HAR, the applicant shall ascertain the presence or absence of rodents on the property. Should the presence of rodents be determined, the applicant shall eradicate the rodents prior to clearing the site.

5. Requirements of the County Housing Agency:

a. The subdivider shall comply with the requirements of the County Housing Agency, if applicable. The subdivider shall be notified of such requirements upon receipt of their report.

6. Requirements of the State Historic Preservation Division (SHPD):

a. As recommended by the State Historic Preservation Division (SHPD) of the Department of Land and Natural Resources (DLNR), in the event that historic resources, including human skeletal remains are identified during routine construction activities, all work needs to cease in the immediate vicinity of the find, and the finds need to be protected from additional disturbance, and the State Historic Preservation Division, Kamehameha’s section, needs to be contacted immediately at (808) 692-8015.

7. The Applicant is advised that prior to and/or during construction and use additional conditions may be imposed by government agencies. Should this occur, the Applicant shall resolve these conditions with the respective agency(ies).
TO: planning director

FROM: county engineer

via engineering division

date: July 16, 2013

re: subdivision of lot 71-A, being all of grants 7517 and S-14707 Kapa'a Homesteads, First Series into lots 1 to 8, inclusive and Designation of Easements AU-1 at Kapa'a, Kauai, Kauai, Hawaii

owner: Roy K. Morita, Marvin M. Morita, & Beverly S. Morita
registered professional land surveyor: Dennis M. Esaki

TAX MAP KEY: 4-6-006-017, 019 & 020 For.

Preliminary map
construction plans
construction inspection fees
agreement & bond
Completion of Improvement
final map
Dedication

comments:

1. form & content of map & supplemental documents:

2. sewer:

3. park:

4. drainage: A stream and natural valleys or swales traverses through and along the property. These natural water courses will collect and concentrate storm flows through the site. A drainage study and provisions need to be established to prevent structures from being built in flood prone areas and to preserve the function and capacity of the water courses.

The subdivision and subsequent development of residences and other impermeable surfacing will increase storm water flowage. A drainage study needs to be made to evaluate the impacts of the increased runoffs. Measures to keep flow rates to predevelopment conditions will be required if adverse drainage impacts are anticipated.

The flood zoning, FIRM panel no.201 E, and the date of the FIRM November 26, 2010 needs to be labeled on the final map.

5. road: The subject subdivision abuts Kawaihau Road on the South and Waialea Road on the North. Kawaihau Road is a County roadway with a variable right of way that varies between 46 to 56 feet in width as scaled from the preliminary subdivision map and an average pavement width of approximately 18 feet. The 18 foot pavement width is adequate for two way passenger vehicular traffic. Waialea Road has a right way width of approximately 30 feet and is an unimproved roadway. The 30 feet right of way width is inadequate for a minor street classification. Access from the subdivision lots to Waialea Road needs to be restricted until the roadway is improvement to County Standards.
The Preliminary map shows that Kawaihau Road pavement encroaches onto Lot 4. The roadway pavement encroachment and its roadway shoulder needs to be dedicated to the County. Roadway dedication is requested in addition to bringing Kawaihau Road right of way to a collector road classification (56 feet right of way).

6. OTHERS: The vicinity map should needs to be representative of the overall preliminary subdivision map. The jog in the road right of way at the Lot1 should be representative of the preliminary subdivision map.

a. Transmitted herewith for your review & approval is the approved construction plan tracings
b. Engineer Estimate for Construction of Roads, Drainage and Sewer is estimated at
   ___________________________
c. Request Developer to deposit with Public Works Department a Construction Inspection Fee of
   ___________________________
d. As-built tracings have (not) been received
   ___________________________
e. Deed is approved
   ___________________________
f. Attached Deed requires revision(s) as follows
   ___________________________

[Signature]
LARRY DILL, P.E.
COUNTY ENGINEER

WK
cc:  S-2013-23
COUNTY OF KAUA'I
DEPARTMENT OF PUBLIC WORKS

TO: PLANNING DIRECTOR
FROM: COUNTY ENGINEER
VIA: ENGINEERING DIVISION
DATE: July 17, 2013

RE: REVISED PRELIMINARY MAP Subdivision of Lot 71-A, Being all of Grants 7517 and 8-14767 Kapa'a Homesteads, First Series into Lots 1 to 8, inclusive and Designation of Easements AU-1 at Kapa'a, Kawaihau, Kaua'i, Hawai'i

PRELIMINARY MAP
CONSTRUCTION PLANS
CONSTRUCTION INSPECTION FEES
AGREEMENT & BOND
COMPLETION OF IMPROVEMENT
FINAL MAP
DEDICATION

COMMENTS:
1. FORM & CONTENT OF MAP & SUPPLEMENTAL DOCUMENTS:
2. SEWER:
3. PARK:
4. DRAINAGE:
5. ROAD:
6. OTHERS: Our comments are similar to our previous comments dated July 16, 2013. Final map is not recommended.
   a. Transmitted herewith for your review & approval is the approved construction plan tracings
   b. Engineer Estimate for Construction of Roads, Drainage and Sewer is estimated at
   c. Request Developer to deposit with Public Works Department a Construction Inspection Fee of
   d. As-built tracings have (not) been received
   e. Deed is approved
   f. Attached Deed requires revision(s) as follows

   LARRY SILL, P.E.
   COUNTY ENGINEER

WK
cc: S-2013-23
**County of Kauai**  
**Planning Department**

**SUBDIVISION APPLICATION**

<table>
<thead>
<tr>
<th>Application Type</th>
<th>Application No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>[x] Preliminary - 12 Maps</td>
<td>S-2013-23</td>
</tr>
<tr>
<td>[ ] Final - 15 Maps</td>
<td></td>
</tr>
</tbody>
</table>

**Attachments:**
- [ ] Title Report
- [x] Application Fee
- [x] Letter of Authorization **

**Date Accepted:** 06/17/13

**Application Fee:**
- Assigned to: Kenny Esto
- SMA Permit: ( ) Yes ( ) No

**Owner(s)/Applicant(s):**
- Roy K. Morita, Marvin M. Morita, Beverly S. Morita

*Holder of AT LEAST 75% of the equitable and legal title of the property*

**Map Title/Description:** Subdivision of Lot 71-A, Being all of Grants 7517 and 8-14707 Kapaa Homesteads, First Series into Lots 1 to 8, inclusive and Designation of Easement AU-1 at Kapaa, Kawaihau, Kauai, Hawaii. TMK: (4) 4-5-08:17, 19 and por. 20.

**Surveyor/Engineer/Authorized Agent:** Dennis M. Esaki
**Telephone Number:** 246-0928

**GENERAL INFORMATION**

<table>
<thead>
<tr>
<th>Tax Map Key</th>
<th>Zoning</th>
<th>General Plan</th>
<th>State Land Use Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4) 4-5-08:17, 19, por. 20</td>
<td>Ag</td>
<td>Ag</td>
<td>Ag</td>
</tr>
</tbody>
</table>

**Property Size (Acres or Sq. Feet):** 18.171 acres
**Amount of Lots:** 8
**Subdivision Fee ($ per lot):** $24.00

**Date:** June 5, 2013

**Applicant's Signature:** Esaki Surveying & Mapping, Inc.

**AGENCY COMMENTS**

- X Public Works Department - Engineering
- X Water Department
- X State Health Department
- X State Highways Division - DOT
- X State Historic Preservation Division - DLNR

See comments on attached sheets.

**GND: DT: LV: GU/cfn**

**Date:** July 5, 2013

**Authorized Signature:** Gerald N. Takamura, Chief
**District Environmental Health Program**
**Kauai**
Subdivision Application No.: S-2013-23
Applicant: Roy K. Morita, Marvin M Morita, Beverly S. Morita

Based on our review of the application, we offer the environmental health concerns for your consideration at this time.

1. All structures and wastewater disposal systems are not shown on the subdivision map. Wastewater Branch will not recommend final approval of the subdivision application until we have information on existing wastewater systems. The applicant must have his/her engineer or contractor submit a completed existing cesspool information card for each cesspool, identifying the location of all wastewater systems with associated structures and their relationship to existing and proposed property lines.

2. Noise will be generated when/if construction occurs. The applicable maximum permissible sound levels as stated in Title 11, Hawaii Administrative Rules (HAR), Chapter 11-45, "Community Noise Control", shall not be exceeded unless a noise permit is obtained from the State Department of Health (DOH).

3. Temporary fugitive dust emissions could be emitted when/if construction activities occur when/if the subdivided lots are developed after subdivision. At that time, in accordance with Title 11, HAR, Chapter 11-50.1, "Air Pollution Control", effective air pollution control measures shall be provided to minimize or prevent any fugitive dust emissions caused by the construction work from affecting the surrounding areas. This includes the off-site roadways used to enter/exit the project. The control measures include but are not limited to the use of water wagons, sprinkler systems, dust fences, etc.

4. In accordance with Title 11, HAR, Chapter 11-58.1, "Solid Waste Management Control", the construction waste that is generated when/if the subdivided lots are developed shall be either recycled or disposed of at a solid waste disposal facility that complies with the DOH. The open burning of any of these wastes on or off site is prohibited.

5. The Department of Health Clean Water Branch (CWB) has reviewed the subject document and offers these comments on your project. Please note that our review is based solely on the information provided in the subject document and its compliance with Title 11 Chapters 11-54 and 11-55, HAR. You may be responsible for fulfilling additional requirements related to our program. We recommend that you also read our standard comments on our website at http://www.hawaii.gov/health/environmental/env-planning/landuse/CWB-standardcomments.pdf.

   I. Any project and its potential impacts to State waters must meet the following criteria:
a. Antidegradation policy (HAR, Section 11-54-1.1), which requires that the existing uses and the level of water quality necessary to protect the existing uses of the receiving State water be maintained and protected.

b. Designated uses (HAR, Section 11-54-3), as determined by the classification of the receiving State waters.

c. Water quality criteria (HAR, Sections 11-54-4 through 11-54-8).

II. Please call the Army Corps of Engineers at (808) 438-8258 to see if this project requires a Department of the Army (DA) permit. Permits may be required for work performed in, over, and under navigable waters of the United States. Projects requiring a DA permit also require a Section 401 Water Quality Certification (WQC) from our office.

III. You are required to obtain a National Pollutant Discharge Elimination System (NPDES) permit for discharges of wastewater, including storm water runoff, into State surface waters (HAR, Chapter 11-55). For the following types of discharges into Class A or Class 2 State waters, you may apply for NPDES general permit coverage by submitting a Notice of Intent (NOI) form:

a. Storm water associated with industrial activities, as defined in Title 40, Code of Federal Regulations, Sections 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(x).

b. Storm water associated with construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NPDES permit is required before the start of the construction activities.

c. Treated effluent from leaking underground storage tank remedial activities.

d. Once through cooling water less than one (1) million gallons per day.

e. Hydrotesting water.

f. Construction dewatering effluent.

g. Treated effluent from petroleum bulk stations and terminals.
h. Treated effluent from well drilling activities.

i. Treated effluent from recycled water distribution systems.

j. Storm water from a small municipal separate storm sewer system.

k. Circulation water from decorative ponds or tanks.

6. You must submit a separate NOI form for each type of discharge at least 30 days prior to the start of the discharge activity, except when applying for coverage for discharges of storm water associated with construction activity. For this type of discharge, the NOI must be submitted 30 before to the start of construction activities. The NOI forms may be picked up at our office or downloaded from our website at: http://www.hawaii.gov/health/environmental/water/cleanwater/forms/geni-index.html.

7. For types of wastewater not listed in Item 3 above or wastewater discharging into Class 1 or Class AA waters, you must obtain an NPDES Individual permit. An application for an NPDES Individual permit must be submitted at least 180 days before the commencement of the discharge. The NPDES application forms may be picked up at our office or downloaded from our website at http://www.hawaii.gov/health/environmental/water/cleanwater/forms/indiv-index.html.

8. You must also submit a copy of the NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), or demonstrate to the satisfaction of the CWB that SHPD has or is in the process of evaluating your project. Please submit a copy of your request for review by SHPD or SHPD’s determination letter for the project along with your NOI or NPDES permit application, as applicable.

9. Please note that all discharges related to the project construction or operation activities, whether or not NPDES permit coverage and/or Section 401 WQC are required, must comply with the State’s Water Quality Standards. Noncompliance with water quality requirements contained in HAR, Chapter 11-54 and/or permitting requirements, specified in HAR, Chapter 11-55 may be subject to penalties of $25,000 per day per violation.

If you have any questions, please visit our website at http://www.hawaii.gov/health/environmental/water/cleanwater/index.html or contact the Engineering Section, CWB, at (808) 586-4309.

10. The property may harbor rodents, which will disperse to the surrounding areas when the site is cleared. In accordance with Title 11, HAR, Chapter 11-26,
"Vector Control", the applicant shall ascertain the presence or absence of rodents on the property. Should the presence of rodents be determined, the applicant shall eradicate the rodents prior to clearing the site.

Due to the general nature of the application submitted, we reserve the right to implement future environmental health restrictions when information that is more detailed is submitted.
July 15, 2013

Mr. Michael Dahilig
Planning Director
County of Kauai
Planning Department
4444 Rice Street, Suite A473
Lihue, Kauai HI 96766

Attention: Kenny Estes

Dear Mr. Dahilig:

Subject: Subdivision of Lot 71-A, Being all of Grants 7517 and S-14707 Kapaa Homesteads, First Series into Lots 1 to 8, inclusive and Designation of Basements AU-1 at Kapaa, Kawaihao, Kauai, Hawaii. (S-2013-23)
TMK (4) 4-6-06:17, 19 and por. 20

The State Department of Transportation - Highways Division has reviewed the subject subdivision application and has no comments.

If you have any questions, please call Raymond McCormick at 241-3005.

Sincerely,

RAYMOND J. MCCORMICK, P.E.
District Engineer
Subdivision Application

Application Type: 
- Preliminary - 12 Maps
- Final - 15 Maps

Attachments:
- Title Report
- Application Fee
- Letter of Authorization

Owner/Applicant(s): Roy K. Morita, Marvin M. Morita, Beverly S. Morita

Map Title/Description: Subdivision of Lot 71-A, Being all of Grants 7517 and S-14707 Kapaa Homesteads, First Series into Lots 1 to 8, inclusive and Designation of Easement AU-I at Kapaa, Kauai, Kauai, Hawaii. TMK: (4) 4-6-06:17, 15 and par. 20.

Surveyor/Engineer/Authorized Agent: Dennis M. Esaki

Telephone Number: 246-6625

General Information

Tax Map Key:
- (4) 4-6-06:17, 15, par. 20

Zoning: Ag

General Plan: Ag

State Land Use Designation: Ag

Property Size (Acres or Sq. Ft.):
- 19,171 acres

Amount of Lots:
- 8

Subdivision Fee (33 per lot):
- $ 24.00

Date: June 5, 2013

Applicant's Signature: [Signature]

Esaki Surveying & Mapping, Inc.

Agency Comments:
The proposed subdivision is not within a county sewer service area. Applicant shall comply with requirements of the state health dept. for wastewater management.

Date: 6/19/13

Authorized Signature: [Signature]

Received: 6/19/13

Planning Dept.

County of Kauai

Planning Department
Board Committee
Reports
Old Business
New Business
Manager's Report No. 14-36

April 24, 2014

Re: Request Board Approval on the proposed and revised Table of Organization Reallocations for the Water Quality Division

Recommendation:
It is recommended that the Board approve the revised Organizational Chart to be submitted to the County Department of Personnel Services for position reallocation approvals.

Funding:

Water Quality - Salaries #15

<table>
<thead>
<tr>
<th>Reallocate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Micro IV to Micro V, SR-26 (Position #2467)</td>
<td>$5,772</td>
</tr>
<tr>
<td>Micro III to Micro IV, SR-24 (Pos. #2477)</td>
<td>$7,200</td>
</tr>
<tr>
<td>Chemist to Chemist III, SR-22 (Position #2480)</td>
<td>$4,356</td>
</tr>
</tbody>
</table>

Total $17,328

Background:
As a result of the recent reorganization of the Department, Water Quality officially became its own Division. Essentially, it was that way before the reorganization. Under former Manager, Ed Tschupp, the Lab was moved to Administration and overseen by the Manager. On paper however, it remained under Engineering’s Special Projects overseen by an Engineer EM-5. As such, the duties of the Lab personnel have changed somewhat from original job descriptions. Also, Safe Drinking Water Regulations are always evolving, increasing requirements. In order to reflect the changes in duties and responsibilities, reallocation of the three (3) current positions to those described in the revised Organizational Chart for the Water Quality Division is needed.

Water Microbiologist IV (SR-24) Position # 2467:

Original position description summary:

1. Perform microbiological analysis of water samples.
2. Supervises staff microbiologist and chemist.
3. Maintain technical control over laboratory activities.
4. Reviews data and prepares reports.
5. Oversees water quality complaints and contamination investigations.
6. Assists in overall program planning to include budgeting, long term research, etc.
7. Give presentations on laboratory activities and public health aspects of water quality.
Additional duties:

1. Supervises the operations of the Water Quality Division. Plans, directs and coordinates overall Division functions and programs.
2. Coordinates with State and Federal Agencies to meet regulatory requirements of EPA’s Safe Drinking Water Act (SDWA).
3. Responsible for laboratory budgeting and material procurement. Oversees contracts for services procurement.
4. Reviews and implements improvements to work method and operating practices and procedures.

Reallocate to: Microbiologist V (SR-26) per revised chart.

**Water Microbiologist III (SR-22) Position # 2477:**

Original position description summary:

1. Performs a variety of difficult and complex bacteriological analysis of water from DOW’s water systems.
2. Schedules, supervises and collects water samples in the field.
3. Assists in supervising contract employees and the chemist.
4. Assists, directs, supervises and investigates consumer complaints.
5. Review test results and prepares reports for compliance with state and federal drinking water requirements.

Additional duties:

1. Maintains laboratory certification to perform required microbial analysis. Analyzes and reports on performance evaluation samples critical to the above mentioned certification. Performs additional QA and QC testing and reporting required for certification.
2. Oversees the day-to-day collection and testing of microbial water samples to include additional testing for heterotrophic bacteria.
3. Give presentations on laboratory activities and public health aspects of water quality.

Reallocate to: Microbiologist IV (SR-24) per revised chart.

**Chemist (SR-20) Position # 2480:**

Original position description summary:

1. Independently performs a variety of special and standard chemical and physical analysis of water from DOW water systems. Examples of water analysis performed include but are not limited to chloride, alkalinity, hardness, turbidity, nitrates, odor, color, pH, conductivity, etc.
2. Performs all necessary analytic computations.
3. Investigates complaints regarding water quality.

Additional duties:
1. Coordinates and executes the chemical sampling to be performed by external laboratories to meet SDWA regulations.
2. Uses advanced electronic data management systems to keep track of required sampling, schedules and data.

Reallocate to: Chemist III (SR-22) per revised chart.

OPTIONS:

1. Approve as submitted, subject to the review and approval by the Department of Personnel Services/Human Resources Department.
2. Not approved – The Lab will still function despite outdated job descriptions.

Respectfully submitted,

Carl Arume
Water Quality Lab Manager

Funding reviewed:

Marites Yano
Waterworks Controller

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

Attachments: Current Table of Organization (Water Quality Division)
Proposed Table of Organization (Water Quality Division)

Mgrrp/April 2014/14-36 Request Board Approval on the proposed and revised Table of Organization Reallocations for the Water Quality Division (4-24-14):ein
Water Microbiologist V
SR-26
Pos. 2467

Water Microbiologist IV
SR-24
Pos. 2477

Chemist III
SR-22
Pos. 2480
MANAGER’S REPORT No. 14-37

April 24, 2014

Re: Request for Board Approval on the proposed and revised Table of Organization Reallocation for the Information Technology Section

RECOMMENDATION: It is recommended that the Board approve the funding to reallocate the Information Technology Specialist I position to an Information Technology Specialist III position.

BACKGROUND: During the FY 13-14 Budget process, the Board approved the action to reallocate the Information Technology Specialist I position to a II level.

Upon review and writing of the position description, the duties that the incumbent is doing now fall under the Information Technology Specialist III position. The incumbent has proven to go above and beyond the duties of the position and has been performing the duties of the Information Technology Specialist III position for the past three and a half years.

The table below shows a summary of duties that the incumbent is currently fulfilling, which fall in the job classification of an I.T. Specialist III position.

<table>
<thead>
<tr>
<th>#</th>
<th>Description of Duties &amp; Responsibilities</th>
<th>% of Time</th>
<th>ADA Indicator(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Summary: (Describe the overall purpose and objective of this position) This position designs and develops IT systems and procedures involving analysis, evaluation and recommendations of existing systems within the Department of Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Determines requirements, designs, tests, implements, maintains and enhancements; Develops and implements comprehensive test plans to ensure that systems and programs are tested and debugged;</td>
<td>25%</td>
<td>1,2</td>
</tr>
<tr>
<td>2</td>
<td>Evaluates processes and IT Tools and executes improvements; analyzes, detects, identifies, and corrects technical problems and deficiencies;</td>
<td>15%</td>
<td>1,2</td>
</tr>
<tr>
<td>3</td>
<td>Documents user requirement, output, input, and sub processes;</td>
<td>5%</td>
<td>1,2</td>
</tr>
<tr>
<td>4</td>
<td>Determines proper installation parameters for software and hardware for smooth integration, transition and efficiency;</td>
<td>15%</td>
<td>1,2</td>
</tr>
<tr>
<td>5</td>
<td>Plans, develops and implements backup and recovery procedures</td>
<td>10%</td>
<td>1,2</td>
</tr>
<tr>
<td>6</td>
<td>Designs diagrams, maps, and graphical depictions to illustrate steps required to develop programs to meet staff and user requirements;</td>
<td>5%</td>
<td>1,2</td>
</tr>
<tr>
<td>7</td>
<td>Develops and writes procedures for installation, use and solving problems and hardware &amp; software; Develop and writes Standard Operating Procedures and Workflows</td>
<td>5%</td>
<td>1,2</td>
</tr>
<tr>
<td>8</td>
<td>Supervises lower level I.T. Specialist(s) and Lead I.T. Project Teams; Making decisions on process changes for software utilization.</td>
<td>15%</td>
<td>1,2</td>
</tr>
<tr>
<td>9</td>
<td>Other related duties as given by the Water Information Technology Officer</td>
<td>5%</td>
<td>1,2</td>
</tr>
</tbody>
</table>

The Information Technology Specialist I performance of duties has been exemplary for the past 4 years. The Information Technology Specialist I has been performing the duties of an Information Technology Specialist III for approximately the last 3 years. Incumbent has taken the lead role in several big projects the past several years including designing/maintaining a new Phone system.

---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
(VoIP), implementation of a new Billing System, and maintaining our website. The DOW does not have the luxury that the County has in having specialty people performing specific duties, such as a Web Designer, a Geographic Information System (GIS) Specialist, etc. The Information Technology Specialist position has to perform an array of duties and keep up with the ever changing technology.

**FUNDING:**
Administration – Salaries Budgeted for FY 2014-2015

Information Technology Specialist I reallocation to IT Specialist II (approved 8/22/13) $7,500.00
Funding used……………………………………………………………………………………………………< 0.00>

Information Technology Specialist I reallocation to IT Specialist III
(pending approval for FY 14-15 budget) .......................... ................................. $10,704.00

**OPTIONS:**
1) Approve as submitted, subject to the review and approval by the Department of Personnel Services/Human Resources Department
2) If not approved, IT will still function despite outdated position descriptions.

Respectfully submitted,  
Jeffery Mendez  
Waterworks Information Technology Officer

Funding reviewed:  
Marites Yano  
Waterworks Controller

**CONCURRED:**

Kirk Saiki, P.E.  
*Acting* Manager and Chief Engineer

Attachments  
Justification Attachment (FY 13-14)  
Current Table of Organization (Administration)  
Proposed Table of Organization (Administration)
REQUEST TO PURCHASE:
EQUIPMENT/FURNITURE/VEHICLE
FOR FISCAL YEAR 2013 - 2014

<table>
<thead>
<tr>
<th>Request Item:</th>
<th>Reallocation of Information Technology Specialist Position I to II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity:</td>
<td>1</td>
</tr>
<tr>
<td>Replacement/Addition:</td>
<td>Addition</td>
</tr>
<tr>
<td>Estimated Cost:</td>
<td>SR-22 (7,500)</td>
</tr>
<tr>
<td>Requested For:</td>
<td>Administration</td>
</tr>
</tbody>
</table>

EXPLANATION & JUSTIFICATION FOR ITEM

Reallocation of Information Technology Specialist I to a II. The current position has taken on more technical responsibilities and taken lead role in projects. This current position has been at the I for over 2 years.

Approval is recommended:

Manager and Chief Engineer

MAR 28 2013
Date
MANAGER’S REPORT No. 14 - 38

April 24, 2014

Re: Request for Board Approval of Proposed New Positions and Reallocations as shown on the Revised Table of Organization for the Operations Division

RECOMMENDATION:
Board approval is recommended for the revised Table of Organization for submittal to the County Department of Personnel Services for proposed new positions and reallocations. There will be no funds requested from current Fiscal Year.

FUNDING:
Reallocations: Funds are for Fiscal Year 2015

- Maintenance Worker II (WS-9) to Waterworks Construction and Maintenance Supervisor I (WS-11) $3,170.00 (10 months)
- Water Service Supervisor III from FII-09 to FIII-09 (2 employees) 7,141.50
- Auto Mechanic II (WS-10) to Heavy Vehicle and Construction Equipment Mechanic II (WS-11) 1,670.00 (10 months)
- Maintenance Worker I (BC-9) to Construction and Maintenance Worker I (BC-11) 2,990.00 (10 months)

SUB-TOTAL $14,971.50

New Positions: Funds are for Fiscal Year 2015

- Groundskeeper (BC-2) $35,259.00
- Equipment Operator (BC-9) 47,274.00
- Senior Account Clerk (SR-13) 32,460.00

SUB-TOTAL $114,993.00

TOTAL $129,964.50
BACKGROUND:

Reallocations:
Operations Division has been performing in-house construction and rehabilitation projects to reduce overall costs. Technological advances also require additional responsibilities such as data entry, research, procurement, planning, materials acquisitions, and training of subordinates.

Positions recommended for reallocation are currently filled by employees who have shown willingness to make the necessary adjustment and have performed above and beyond what is expected. Operations Division experienced difficulty in recruiting in-house for supervisory promotion opportunities due in part to the small pay difference between the supervisors and the working supervisors while the increase in work load did not seem commensurate with pay.

Reallocating those deserving employees will help attract and retain as well as serve as incentive for others to follow their example and strive to perform better. Note that two of the positions recommended for reallocation are currently filled by employees of the year for 2010 (Maintenance Worker II) and 2012 (Auto Mechanic II).

New Positions:

Equipment Operator:

The Plant Section of the Operations Division is expanding purchasing new equipment and taking control of new facilities as well as performing in-house construction and rehabilitation projects.

The addition of an Equipment Operator II will allow the Plant Section to complete construction projects, maintenance projects (roads, driveway, and remote site maintenance), motor replacements and demolition projects without impacting the schedule and ability of the Field Section to perform its regular duties. An equipment operator for the Plant Section will allow for better scheduling and timely completion of work orders assigned without having to wait for the availability of equipment operators from the Field Section.

Groundskeeper:

Operations Division regularly receives complaints of vandalism with graffiti and overgrown tank and well sites at some of our remote locations. The addition of a groundskeeper at a lower paid position of BC-2 will allow the Plant Section to better maintain the vegetation at our remote sites and allocate higher paid personnel to perform their appropriate duties at other DOW facilities.

Senior Account Clerk:

Technological advances help simplify data acquisition and generation of reports. Such reports depend on the accuracy and completeness of the data entered. Adding a Senior Account Clerk will provide support to the Division’s requisitions, budgetary monitoring, inventory tracking and personnel attendance monitoring as well as data entry to support the supervisors.
Respectively submitted,

Valentino P. Reyna
Chief, Operations Division

Funding reviewed:

Marites Yano
Waterworks Controller

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

Attachments: Current Table of Organization (Operations Division)
Proposed Table of Organization (Operations Division)

Mgrp/April 2014/14-38/Request for Board Approval of Proposed New Positions and Reallocations as shown on the Revised Table of Organization for the Operations Division (4-24-14):cin
Chief of Operations
EM-5, Pos. 2947

Assistant Chief of OPS
EM-3, Pos. 2400

Field Section

Clerk-Dispatcher II
SR-14, Pos. 2403

Account Clerk
SR-11, Pos. 2464

Water Plants Superintendent
SR-24, Pos. 2450

Plant Section
MANAGER’S REPORT No. 14-39

April 24, 2014

Re: Request for Board Approval on the proposed and revised Table of Organization for the Engineering Division

RECOMMENDATION: It is recommended that the Board approve the Proposed Engineering Table of Organization to downgrade the CE II to a CE I position.

FUNDING:
No Change – Approved 2013 Budget for Salaries – Engineering Division

BACKGROUND:
The Engineering Division currently has 5 positions identified below:

1 ea CE VI Position No. 2430 (filled)
2 ea CE V Position No.’s 2358 and 2476 (both vacant)
1 ea CE III Position No. 2468 (filled)
1 ea CE II Position No. 2458 (vacant)

Of the five (5) positions, the CE VI and the CE III positions are filled and the other three positions are vacant. The Department is requesting to reallocate/change the CE II position to a CE I position. The Department has had difficulty in finding applicants for non-entry level engineering positions. Recently, there has been a relatively high number of applicants for a CE I position. The Department’s Water Resources and Planning Division and the County were recently able to interview and hire CE I’s. It is anticipated that there will continue to be a larger/sufficient number of CE I applicants where the proposed position can be filled quicker than a CE II position. The person hired can then gain valuable experience at the Department. If the Department is able to hire a CE I, the CE I will be assisting the other engineers in completing projects and at the same time be obtaining valuable work experience that is required for higher level CE positions.

The CE VI will supervise the two CE V positions. The CE V (Position No. 2358) will supervise the CE III (Position No. 2468) and the CE V (Position No. 2476 will supervise the CE I (Position No. 2458). Supervision experience is a requirement for the CE VI (Position No. 2430).

OPTIONS:
1. Approve the request to change the CE II to a CE I position. The Department expects that there will continue to be a sufficient amount of applicants for a CE I position. This may allow the Department to hire an engineer sooner than later.

2. No change. Keep the current Table of Organization as is. The Department will continue working with the Department of Personnel Services to find qualified applicants for the existing vacant positions.
Respectfully submitted,

Keith Aoki
Civil Engineer VI

Funding reviewed:

Marites Yano
Waterworks Controller

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

KA/ein

Attachments:  
Current Table of Organization (Engineering Division)  
Proposed Table of Organization (Engineering Division)

Mgrp/April 2014/14-39/Request for Board Approval of proposed and revised Table of Organization for Engineering Division (4-24-14):ein
Civil Engineer VI
PM-5
Pos. 2430

Civil Engineer V
SR-26
Pos. 2475
Pos. 2358

Civil Engineer III
SR-22
Pos. 2468

Civil Engineer II
SR-20
Pos. 2458
DEPARTMENT OF WATER
County of Kaua‘i
"Water has no Substitute – Conserve It!"

MANAGER’S REPORT No. 14-41

April 24, 2014

Re: Request Board Approval of Resolution No. 14-8, (4/14), Employee of the Year, Peter Sapinoso

It is requested that the Board approve Resolution No. 14-8, (4/14), and congratulate Employee of the Year, Peter Sapinoso.

Respectfully submitted,

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

KS/ein

WHEREAS, PETER SAPINOSO, an Equipment Operator II, has been selected by his peers as the Department of Water’s 2013 Outstanding Employee of the Year; and

WHEREAS, PETER began his DOW career in July 1986 as a Laborer I and over the past twenty seven (27) years have been promoted to Laborer II and subsequently as an Equipment Operator II, and

WHEREAS, PETER was voted by Department of Water employees as Mr. Aloha for two (2) consecutive years in 2012 & 2013, and

WHEREAS, PETER is always available, day or night, weekday or weekend, regular day or holiday, rain or shine, to lend a hand, all these years he has shown unquestionable dedication to duty, and

WHEREAS, after the Emergency Generator Repairer was vacated due to retirement, PETER did not hesitate to volunteer to help our mechanic in maintaining our emergency generators, and

WHEREAS, most recently PETER was awarded co-employee of the fourth quarter for their work in reconstruction of roadway and driveway access to DOW facilities damaged by heavy rains, all completed with minimal supervision, and

WHEREAS, during his performance of these tasks, PETER has demonstrated outstanding dependability, excellent positive attitude and been a consistent force always getting the job done, and

WHEREAS, PETER demonstrated sustained superior performance for the betterment of the Department, its employees, customers and the people of Kauai as a whole; now, therefore,

BE IT RESOLVED BY THE BOARD OF WATER SUPPLY, COUNTY OF KAUA’I, STATE OF HAWAI’I that it acknowledges and appreciates the contributions of PETER SAPINOSO for his outstanding dedication and loyalty and congratulate him upon the receipt of the 2013 Outstanding Employee of the Year Award.

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to PETER SAPINOSO with our utmost appreciation for his outstanding work.

We do certify that the foregoing was duly adopted by the Board of Water Supply during its meeting on Thursday, April 24, 2014.

Clyde Nakaya, Chairperson

Hugh A. Strom, Secretary
MANAGER’S REPORT No. 14-42

April 24, 2014

Re: Request Board Approval of Resolution No. 14-9, (4/14), Employee of the Year, Keith Konishi.

It is requested that the Board approve Resolution No. 14-9, (4/14), and congratulate Employee of the Year, Keith Konishi.

Respectfully submitted,

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

KS/ein

WHEREAS, KEITH KONISHI, an Engineering Support Technician, has been selected by his peers as the Department of Water’s 2013 Outstanding Employee of the Year; and

WHEREAS, KEITH began his DOW career in October of 1996 in the County’s Finance Department as their IT tech and found out seven (7) years later, his passion and love was to work at the DOW of which his eleven (11) additional years became his second home, and

WHEREAS, KEITH’s dedication to the Department is loved to a point that the DOW has to force him to use some of his accumulated vacation hours, and

WHEREAS, KEITH’s skill of carpentry has come useful to the women in the front office especially those who have never touched a hammer, and

WHEREAS, KEITH is a jack of all trades and is willing to volunteer his knowledge and services as a computer technician, carpenter, cooking chef, pastry chef, sports analyst, coach, confidant, mentor, humorist, much more, and

WHEREAS, KEITH aka “DOW’s Backflow Man” implements the DOW’s Cross-Connection and Testing Program. With his knowledge of Backflow Prevention Devices and Computer Skills he has further advanced the DOW’s backflow program into a highly effective computerized tracking and notification process which has resulted in substantial time savings, increased productivity and reduced cost, and

WHEREAS, KEITH takes responsibility to assure information is accurate and complete to allow operations to function efficiently, and

WHEREAS, KEITH’s ability to learn and convey the DOW’s procedures to assist the public and fellow employees with a friendly smile throughout the day demonstrates a lot of skill and patience, and

WHEREAS, KEITH is a dedicated and devoted son, husband, father, grandfather, employee, and

WHEREAS, KEITH has demonstrated sustained excellent performance and dependability as an employee of the Department of Water; now, therefore

BE IT RESOLVED BY THE BOARD OF WATER SUPPLY, COUNTY OF KAUAI, STATE OF HAWAI’I that it acknowledges and appreciates the contributions of KEITH for his outstanding dedication and loyalty and congratulate him upon the receipt of the 2013 Outstanding Employee of the Year Award.

BE IT FURTHER RESOLVED that a copy of this Resolution be forwarded to KEITH KONISHI with our utmost appreciation for his outstanding work.

We do certify that the foregoing was duly adopted by the Board of Water Supply during its meeting on Thursday, April 24, 2014.

_____________________________________________
Clyde Nakaya, Chairperson

_____________________________________________
Hugh A. Strom, Secretary
7. **Manager’s Report No. 14-43** - Request for Board Approval on the proposed and revised Table of Organization Reallocations for the Fiscal Division

REPORT PENDING
MANAGER’S REPORT No. 14-44

April 24, 2014

Re: Request for Board Approval on the proposed and revise Table of Organization Reallocation for the Water Resources and Planning Division

RECOMMENDATION: It is recommended to reallocate the Engineering Drafting Technician III position to an Engineering Drafting Technician IV. Upon review of the present position description the incumbent is presently performing increased duties and has taken on additional responsibilities above his present position description.

BACKGROUND: The Engineering Drafting Technician III performance of his duties has been excellent for the past four and a half (4.5) years of service. The incumbent has proven to go above and beyond the duties of the position and has been performing increase duties to further the Departments goals. Major increases in duties are as follows:

- The incumbent prepares Department reports for various government agency development applications and public water supply inquires and requests.
- Reviews, analyzes and approves building permit applications.
- Reviews and approves construction plans for backflow prevention devices.
- Leads fire hydrant flow test and complies test results.
- Assist in the planning and design of necessary water system facilities (i.e. pipeline, wells, storage tanks, pump stations, water meter service connections and other support facilities).

FUNDING:
Engineering Drafting Technician III Reallocation to IV ………………………………….. $ 4,248

OPTIONS:
1) Approve the request for reallocation as submitted, subject to the review and approval by the Department of Personnel Services/Human Resources Department.
2) Not approve the request for reallocation.

Respectfully submitted,

Edward Doi
Civil Engineer VI
Water Resource and Planning Division

Funding reviewed:

Edward Doi
Civil Engineer VI
Water Resource and Planning Division

Marites Yano
Waterworks Controller
CONCURRED:

Kirk Saiki, P.E.
*Acting* Manager and Chief Engineer

ED:cin

Attachments:  
- Current Table of Organization (Water Resource and Planning Division)  
- Proposed Tables of Organization (Water Resource and Planning Division)

Mgrp/April 2014/14-44 Request for Board Approval on the proposed and revise Table of Organization Reallocation for the Water Resources and Planning Division (4-24-14):cin
MANAGER’S REPORT No. 14 - 45

April 24, 2014

Re: BAB- Project List Changes – Resolution No. 14-7 (FY 2013), Addition of H-05 – Weke, Anae, and Hee Roads 6” and 8” Main Replacement; K-18 – 8” Waterline Replacement Along Halewili Road; LO-08 – Koloa Road Main Replacement; Ani-01b – Anini and Kalihiwai Road Main; KP-09 – MCC, Chlorination Facilities, Koloa Well 16-A and 16-E; and PLH-35b – Kapaia Cane Haul Road 18” Main

RECOMMENDATION:
It is recommended that the Board approve Resolution No. 14-7 (FY 2013), including the addition of the six (6) projects below to the Build America Bond (BAB) Project List.

1. H-05 – Weke, Anae, and Hee Roads 6” and 8” Main Replacement
2. K-18 - 8” Waterline Replacement Along Halewili Road
3. LO-08 – Koloa Road Main Replacement
4. Ani-01b – Anini and Kalihiwai Road Main
5. KP-09 – MCC, Chlorination Facilities, Koloa Well 16-A and 16-E
6. PLH-35b – Kapaia Cane Haul Road 18” Main

BACKGROUND:
Projects that are proposed to be paid for with BAB funds need to be identified on the BAB project list. This list has been amended several times in the past with the addition of projects, as needed to meet the development schedule needs of the Department. The Department is requesting the Board to amend the BAB list to add additional projects. The projects being requested to be added are projects that are expected to be able to go into construction before the end of the 2015 fiscal year. The addition of these projects will give the Department flexibility in spending down the BAB funds, as projects go to the construction phase.

The Koloa Road Main Replacement (LO-08) was combined into one (1) project with previously approved BAB project LO-10. Both LO-08 and LO-10 are being designed together as 1 project. We would like to be able to fund the construction for both LO-08 and LO-10 with BAB funds and would like to add LO-08 to the BAB project list.

The ‘Anini and Kalihiwai Road Main (Ani-01) were split up into 2 phases, Ani-01a and Ani-01b. Ani-01a was previously included on the BAB project list. The Department would like to identify and include the other phase, Ani-01b on the BAB project list. The Ani-01b phase is expected to be constructed first.

The six projects being requested to be added to the BAB project list meet the below requirements for BAB funding:
“...the proposed additional projects meet the requirements of capital expenditures as set forth in the Tax Certificate for the County of Kauai insomuch as the costs for the newly proposed projects go to the construction or improvement of property; the property will have a useful life longer than one year; and the capital expenditures do not include operating expenses of Build America Projects or incidental or routine repair or maintenance of such Projects.”

Board approval is requested to approve Resolution 14-7 (FY 2013) and amend the Build America Bond (BAB) Project List with the addition of the subject six (6) projects.

Respectfully submitted,

Keith Aoki, P.E.
Civil Engineer VI
Engineering Division

CONCURRED:

Kirk Saiki
Acting Manager and Chief Engineer

Attachments: BAB Project List Changes, Exhibit “A”, FY 2013 Resolution No. 14-7

Mgrrp/April 2014/14-45 BAB - Project List Changes – Resolution No. 14-7 (FY 2013), Addition of H-05 – Weke, Anae, and Hee Roads 6” and 8” Main Replacement; K-18 – 8” Waterline Replacement Along Halewili Road; LO-08 – Koloa Road Main Replacement; Ani-01b – ‘Anini and Kalihiwai Road Main; KP-09 – MCC, Chlorination Facilities, Koloa Well 16-A and 16-E; and PLH-35b – Kapaia Cane Haul Road 18” Main (4-24-14):ein
BAB PROJECT LIST CHANGES
EXHIBIT “A”
FY 2013 – RESOLUTION NO. 14-7

1. ANI-01a Anini and Kalahiwai 6” Main Replacement (9,156’)
2. H-01 Maka Ridge Pipe
3. H-02 Maka Ridge Well CL
4. H-03 Rehab Maka Ridge Tank
5. H-10 Rehab Maka Ridge Tank
6. H-07 Construct Hanalei Tank #2 0.25 MG
7. H-08 Drill and Develop Hanalei Well # 2
8. HE-08 Rehab Eleele Tank
9. HE-11 Salt Pond Pipe
10. K-05a Construct Kalaheo Kukuiolono 0.5 MG Tank
11. K-1, K-12 Replace Nursery Tank with Yamada Tank and connecting waterline, Kalaheo
12. KW-28 Amfack Well
13. LO-10 Lawai 6” and 8” Main Replacement (6,400’)
14. PLH-02 Kokolau Tunnel
15. PLH-03 Drill and Develop Lihu’e Horizontal Wells (Hi Level Water)
16. PLH-25 Eiwa, Umi, Akahi, Elua Pipe
17. PLH-30 Nāwiliwili, Niumalu, Kupolo pipe
18. PLH-39a Lihue Base yard Complex Improvements, Ph 1
19. WK-01 Rehabilitate Moalepe Tunnel, Install Chlorinator and Improve Access Road
20. WK-02 Akulikuli Tunnel
21. WK-08 Kapahi Tank
22. WK-12 Waipo’li Pipe
23. 507 Waimea Canyon
24. WK-28 Wailua House Lots Pipe
25. WK-30 Waipo’li/Hauiki Pipe
26. WK-36 ‘Ohana, Anolani, Kuamoo Pipe
27. WKK-02 Drill and Develop Kilauea Well No. 3
28. WKK-15 Construct 1.0 MG Kilauea 466’ Tank
29. 491-3 Stable Tank and Pipe lines
30. 497 Kapilima’o Tank
31. 498 Kaumualii’i 12” Line
32. 504 Waimea Main Replacement
33. WK-14 Kapaa Homesteads Pipeline Project, Phase II, Job 02-18
34. WK-32 Kapaa Pipeline Replacement for Vivian Heights & Kanaele Road, Ph. II, Job 04-02
35. WH-01 Improve access to Wainihia 217 tank.
36. WH-02 Rehabilitate booster system
37. WH-03 Rehabilitate Haena Steel Tank 144’
38. WH-12 Wainihia well
39. --- Hanalei/ Moalepe line replacement with PVC and deeper below river.
40. PLH-44 Kaumualii 16” line relocation and replacement with 24” for widening/ with engineering.
Additions 12/16/10
41. LO-04 Piwai 0.5 MG Tank
42. KW-020 Waimea Well A Renovations
43. KW-05 Kekaha Well B
44. M-02 Moloaa Tank Replacement
45. WK-39 Kapaa Hmstd Well #4
46. K-5 Kukuiolono Tank Site
47. 02-01 Relocation Charge Kukui‘ula
48. LO Koloa Tank Site

Additions 11-23-11
49. PLH-01a Replace Grove Farm Tanks #1 and #2
50. M-03 Acquire Source/Install Pump, Controls and 12” Pipeline – Moloaa Tank/Well Site and Other Land Acquisitions

Additions 03-27-14
51. H-05 Weke, Anae, and He‘e Roads 6” and 8’ Main Replacement
52. K-18 8” Waterline Replacement Along Halewili Road
53. LO-08 Koloa Road Main Replacement
54. Ani-01b Anini and Kaliihiwai Road Main
55. KP-09 MCC, Chlorination Facilities, Koloa Well 16-A and 16-E
56. PLH-35b Kapaia Cane Haul Road 18” Main
RESOLUTION NO. 14-7
(2013-14)
Resolution No. 14-7, Bond Res. (4-24-14) Board Meeting


WHEREAS, the Department of Water (the “Department”), consisting of a Board of Water Supply (the "Board"), Manager and Chief Engineer and the necessary staff, is a department of the County of Kauai (the "County") established under the Charter of the County to manage and operate the waterworks system of the County (the “Waterworks System”); and

WHEREAS, the Board finds and determines it to be beneficial to the management and operation of the Waterworks System to request that the project list referenced in Amended Resolution No. 10 (2009/10), further amended in Resolution No. 11 (2009/10), further amended in Resolution No. 9 (2010/11), and further amended in Resolution No. 12-4 (2011/12) be amended to allow certain improvements and betterments and extensions of the Waterworks System;

WHEREAS, the proposed additional projects meet the requirements of capital expenditures as set forth in the Tax Certificate for the County of Kauai insomuch as the costs for the newly proposed projects go to the construction or improvement of property; the property will have a useful life longer than one year; and the capital expenditures do not include operating expenses of Build America Projects or incidental or routine repair or maintenance of such Projects.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF WATER SUPPLY of the County of Kauai, State of Hawaii:

SECTION 1. The proceeds derived from the sale of the subject reimbursable general obligation bonds are to be used to construct and acquire improvements and betterments for the Waterworks System, including, without limitation, the waterworks projects, as amended and documented in the list identified as Exhibit “A” hereto attached.

____________________________________
Clyde Nakaya, Board Chairperson

____________________________________
Sherman Shiraishi, Vice Chair

____________________________________
Lawrence Dill, Board member

____________________________________
Michael Dahilig, Board member

____________________________________
Laurie Ho, Board member

____________________________________
Raymond McCormick, Board member

____________________________________
Hugh Strom, Board member
CERTIFICATE

I hereby certify that the BOARD OF WATER SUPPLY, County of Kauai, adopted the foregoing Resolution No. 14-7 at the Regular Board Meeting held on April 24, 2014, by the following vote of the Board:

FOR ADOPTION:                              TOTAL:
AGAINST ADOPTION:                          TOTAL:
ABSENT & NOT VOTING:                       TOTAL:
RECUSAL:                                  TOTAL:

By: _________________________________
Name:  Hugh A. Strom
Title:  Board Secretary
DEPARTMENT OF WATER
County of Kaua‘i

"Water has no Substitute – Conserve It!"

MANAGERS REPORT No. 14 - 46

April 24, 2014

Re: Grant of Easement for Job No. 02-08, Water Plan 2020 Project HE-08, Rehabilitation of Eleele Twin 0.4 MG Steel Tanks, Eleele, Kauai, Affecting the Following Landowner

1. McBryde Sugar Company, Limited, affecting TMK(s): (4) 2-1-01-027, Eleele, Kauai, Hawaii

RECOMMENDATION:
It is recommended that the Board approve the following:

1. Declaration of Abandonment, Cancellation, and Surrender of Access Easement 14 that currently exists for the subject property.

2. New Grant of Easement 14-A document; whereby, the above landowners, grant to the Board of Water Supply, County of Kauai, an easement, on, over and under that certain parcel of land located as specified above in Eleele, Kauai, Hawaii, for the following work:

This easement is granted solely for access, with or without vehicles or equipment, to GRANTEE’s tanks and facilities and for the construction, installation, re-installation, maintenance, repair, and removal of the access roads and waterworks facility improvements within the easement area.

That the GRANTEE (DOW) shall indemnify and save the GRANTOR (McBryde Sugar Company) 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;

FUNDING: Not applicable.

BACKGROUND:
The DOW recently completed the rehabilitation of the Eleele Twin 0.4 MG Steel Tanks which included a newly paved driveway access to the site. After gathering information, it was discovered that the existing waterline and the new access alignment were not consistent with the original access easement granted in favor of the Board of Water Supply, County of Kauai, recorded in the State of Hawaii Bureau of Conveyances as in Liber 16144, Page 680 “Easement 14”. For this reason, the land owner requested the DOW to cancel the existing easement and provide a new map for an easement related to the new access road alignment. The new grant of easement “Easement 14-A” along with Exhibits A and B reflect the proper documentation required for the recent construction.
Respectfully submitted,

Dustin Moises, P.E.
Construction Project Management Officer

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

Attachments:  
Grant of Easement  
Exhibit A and Exhibit B  
Declaration of Abandonment, Cancellation and Surrender of Access Easement
GRANT OF EASEMENT
for
TMK: (4) 2 - 1 - 0 0 1 : 0 2 7 :

THIS INDENTURE made this 14th day of APRIL 2014, by and between the McBRYDE SUGAR LLC, a Hawai‘i limited liability company, whose address is P.O. Box 8, Elelele, Kauai, Hawaii 96705 (hereafter referred to as “GRANTOR”) and the BOARD OF WATER SUPPLY, COUNTY OF KAUAI, whose mailing address is PO Box 1708, Lihue, Kauai, Hawaii, 96766 (hereafter “GRANTEE”);

WHEREAS,

WITNESSETH:

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 a non-exclusive easement in perpetuity on, over, and under that certain parcel of land lying and being at Elelele, Kōloa District, County of Kauai, State of Hawaii, Tax Map Key No. (4) 2-1-01:027, Project Name: Elelele Water Tanks, the said area being more particularly described in and shown on Exhibit "A" and "B", respectively, which is attached and incorporated by reference into this grant of easement (hereafter "easement area").
This easement is granted solely for access, with or without vehicles or equipment, to GRANTEE's tanks and facilities and for the construction, installation, re-installation, maintenance, repair, and removal of the access roads and waterworks facility improvements within the easement area.

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.
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.

**APPROVED:**

Acting Manager and Chief Engineer
Department of Water, County of Kauai

**APPROVED AS TO FORM AND LEGALITY:**

Deputy County Attorney

**GRANTOR:**

MCBRYDE SUGAR COMPANY, LLC
a Hawaii limited liability company

By ALEXANDER & BALDWIN, LLC
Its Sole Member and Manager

By: __________________________

NELSON N.S. CHUN
Its: SENIOR VICE PRESIDENT

By: __________________________

CHARLES W. LOOMIS
Its: ASST. SECRETARY

**GRANTEE:**

BOARD OF WATER SUPPLY,
COUNTY OF KAUAI

By: __________________________

Its: __________________________

4 of 7
STATE OF HAWAII
CITY & COUNTY OF HONOLULU

On this 1st day of April, 2017, before me appeared

NELSON N.S. CHUN and CHARLES W. LOOMIS, to me personally known, who, being by me duly
sworn, did say that such persons executed the foregoing instrument as the free act and deed of such persons, and if
applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

Suzanne K. McGuigan
Notary Public, State of Hawaii

Name of Notary: SUZANNE K. McGUIGAN
My Commission expires: 01/18/2017

Suzanne K. McGuigan
Notary Public, State of Hawaii

Date: April 1, 2017

Notary's Name: SUZANNE K. McGUIGAN
Commission No.: 93-70
My commission expires: 01/18/2017
STATE OF HAWAII
) ss.
COUNTY OF KAUA'I
)

On this ______ day of __________________________, 20____, before me appeared
to me personally known, who, being by me duly sworn, did say that said officer is the
________________________________________ of the BOARD OF WATER SUPPLY, COUNTY OF KAUA'I, 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: ____________________


Document Date: ________________ # Pages: __________
Document Description: __________________________
______________________________________________
______________________________________________
______________________________________________

______________________________________________
Notary Public, __________________________
Date: __________________________

Notary's Name: __________________________
Commission No.: __________________________
My commission expires: ____________________
EASEMENT 14-A  
For Access Purpose

LAND SITUATED AT ELEEELE, KOLOA, KAUAI, HAWAII

Being a Portion of Ili of Eleele, R. P. 4485,  
L. C. Aw. 7712, Apana 5 to M. Kekuanœoa

Beginning at the northwest corner of this parcel of land and along the south side of  
Kaumuali‘i Highway, the coordinates of said point of beginning referred to Government  
Survey Triangulation Station "PUOLO" being 8,392.07 feet North and 11,466.87 feet  
East, thence running by azimuths measured clockwise from true South:

1. 255° 25' 17"  45.96 feet; along the south side of Kaumuali‘i  
Highway on a curve to the right  
with a radius of 2,470.00 feet, the  
chord azimuth and distance being:
2. 23° 12'  19.37 feet along the remainder of Ili of  
Eleele, R. P. 4485, L. C. Aw.  
7712, Apana 5 to M. Kekuanœoa;
3. 320° 40'  56.40 feet along the remainder of Ili of  
Eleele, R. P. 4485, L. C. Aw.  
7712, Apana 5 to M. Kekuanœoa;
4. 305° 15'  45.19 feet; thence along the remainder of Ili  
of Eleele, R. P. 4485, L. C. Aw.  
7712, Apana 5 to M. Kekuanœoa
5. 17° 17'  2.20 feet along the remainder of Ili of  
Eleele, R. P. 4485, L. C. Aw.  
7712, Apana 5 to M. Kekuanœoa;
<p>| | | |</p>
<table>
<thead>
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<tr>
<td>6</td>
<td>86° 38'</td>
<td>24.10 feet;</td>
</tr>
<tr>
<td>7</td>
<td>75° 03'</td>
<td>14.69 feet along the remainder of Ili of Eleele, R. P. 4485, L. C. Aw. 7712, Apana 5 to M. Kekuanaoa;</td>
</tr>
<tr>
<td>8</td>
<td>67° 08'</td>
<td>18.98 feet along the remainder of Ili of Eleele, R. P. 4485, L. C. Aw. 7712, Apana 5 to M. Kekuanaoa;</td>
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<tr>
<td>9</td>
<td>141° 36'</td>
<td>7.41 feet;</td>
</tr>
<tr>
<td>10</td>
<td>73° 50'</td>
<td>2.50 feet along the remainder of Ili of Eleele, R. P. 4485, L. C. Aw. 7712, Apana 5 to M. Kekuanaoa;</td>
</tr>
<tr>
<td>11</td>
<td>163° 50'</td>
<td>74.50 feet along the remainder of Ili of Eleele, R. P. 4485, L. C. Aw. 7712, Apana 5 to M. Kekuanaoa (Lot 9);</td>
</tr>
</tbody>
</table>
feet along the remainder of Ili of Eleele, R. P. 4485, L. C. Aw. 7712, Apana 5 to M. Kekuanaoa (Lot 9) to the point of beginning and containing an area of 3,227 square feet.

DESCRIPTION PREPARED BY:
ESAKI SURVEYING AND MAPPING, INC.

Dennis M. Esaki
Licensed Professional Land Surveyor
Certificate Number 4383

Lihue, Hawaii
January 2014
LAND COURT SYSTEM  REGULAR SYSTEM

After Recordation, Return by: Mail ( ) Pickup ( )
Board of Water Supply, County of Kauai
P.O. Box 1706
LIHUE KAUAII HI 96766
PHONE: (808) 245-5408

This document contains _____ pages.

TYPE OF DOCUMENT:

DECLARATION OF ABANDONMENT,
CANCELLATION AND SURRENDER OF ACCESS EASEMENT

PARTIES TO DOCUMENT:

GRANTEE: BOARD OF WATER SUPPLY, COUNTY OF KAUAII
P.O. Box 1706
Lihue, HI 96766

TAX MAP KEY FOR PROPERTY:

(4) 2-1-01:027
DECLARATION OF ABANDONMENT,
CANCELLATION AND SURRENDER OF ACCESS EASEMENT

THIS DECLARATION OF ABANDONMENT, CANCELLATION AND SURRENDER OF ACCESS EASEMENT ("Declaration") is made this 14th of APRIL, 2014, by the BOARD OF WATER SUPPLY, COUNTY OF KAUAI, whose mailing address is P.O. Box 1706, Lihue, Hawaii, 96766, (hereinafter called "BOARD") in favor of McBRYDE SUGAR COMPANY LLC, a Hawaii limited liability company, whose mailing address is P.O. Box 8, Eleele, Kauai, Hawaii 96780 and their respective heirs, successors and assigns, (hereinafter called the "OWNER").

I. RECITALS

1. The OWNER, formerly known as McBryde Sugar Company, Limited, owns that certain real property situate at Eleele, Koloa, Island and County of Kauai, State of Hawaii, designated as Tax Map Key No. (4) 2-1-01-027, ("SUBJECT PROPERTY").

2. The SUBJECT PROPERTY is subject to a non-exclusive undated access easement in favor of the Board of Water Supply, County of Kauai, recorded in the State of Hawaii Bureau of Conveyances as in Liber 16144, Page 680 ("Access Easement 14"). Access Easement 14 encumbered a portion of the SUBJECT PROPERTY, as more particularly described in Access Easement 14.

3. Access Easement 14 is no longer needed by the BOARD.

II. ABANDONMENT, CANCELLATION AND SURRENDER

NOW, THEREFORE, the BOARD does hereby abandon, cancel and surrender all of its rights, title and interests in and to ACCESS EASEMENT 14 over the SUBJECT PROPERTY.

The terms "BOARD" and "OWNER" as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or plural number, individuals, corporations or partnerships, and their and each of their respective successors, heirs, personal representatives, and assigns, according to the context thereof.
IN WITNESS WHEREOF, this Declaration Of Abandonment, Cancellation And Surrender Of Access Easement has been executed on the day and year first above written.

BOARD OF WATER SUPPLY,
COUNTY OF KAUAI:

By: _________________________________
Its Chairperson

APPROVED
AS TO FORM AND LEGALITY:

[Signature]
Deputy County Attorney
MANAGER’S REPORT 14 - 47

April 24, 2014

RE: Job No. 11-10, WP2020 #K-18, 8-inch Water Main Replacement Halewili Road (Kaumualii Highway to Haku Hale Street) Kalāheo, Kaua‘i, Hawaii

RECOMMENDATION:
Recommend approval of Third Amendment to Contract No. 555 for additional engineering services with Lyon Associates, Inc. for the subject project.

FUNDING:

Account Nos. 106b

| Contract No. 555: Lyon Associates, Inc. | $82,797.00 |
| Contingency                               | $8,280.00 |
| **Total Funds Certified and Available**   | **$91,077.00** |
| First Amendment                           | $0.00     |
| Second Amendment                          | $6,000.00 |
| **Total Contingency Balance**             | **$2,280.00** |

**Third Amendment Contract Amendment:**

| Preparation of Parcel Map and Mathematical Closures (metes and bounds) | $1,500.00 |
| NPDES Individual Permit Filing Fee                                           | $1,000.00 |
| **Total for Third Contract Amendment**                                       | **$2,500.00** |
| **Total Contingency Balance**                                                | **$0.00** |

**ADDITIONAL FUNDS REQUESTED**

$220.00

BACKGROUND:
The State of Hawaii Department of Transportation has completed the review of the request for Use and Occupancy for Water Line along Kaumualii Highway and Halewili Road for the subject project. However, prior to the issuance of the final approval, one of the conditions of the DOT’s final review is that the DOW is to provide a copy of metes and bounds descriptions of the subject area along with a parcel map and mathematical closures, which will be used as exhibits to the Use and Occupancy Agreement No. 237 (UOA). This is a new requirement from the Department of Transportation.

In order to complete the requirements of DOT, a surveyor is needed to perform the additional engineering services. The consultant Lyon Associates, Inc. is willing to do the additional services. We reviewed Lyon Associates, Inc.’s proposal for additional engineering services of $1,500.00 for the work and we find it acceptable.
In addition, the consultant Lyon & Associates, Inc. has applied for the NPDES Individual Permit on March 22, 2013, the filing fee for the permit was not included on the Contract Scope of Work. On December 20, 2013 the Department of Health released the approval of the NPDES Individual Permit to the Department of Water for the subject project. In reviewing the contractor’s billing statement, it reflects that they paid for the NPDES individual permit filing fee separately since it was not included in their scope of work amounts. It is recommended that the reimbursement for the filing fee be approved.

Due to additional engineering services, the project completion date should be extended to May 30, 2014.

Respectfully submitted,

Keith Aoki, Civil
Civil Engineer VI
Engineering Division

Funding reviewed:

Marites Yano
Water Works Controller

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

Attachment: Third Amendment to Contract No. 555, Job No. 11-10, WP2020 #K-18, 8-inch Water Main Replacement Halewili Road (Kaumuali’i Highway to Haku Hale Street) Kalāheo, Kaua‘i, Hawaii

Mgrp/April 2014/14-47/Job No. 11-10, WP2020 #K-18, 8-inch Water Main Replacement Halewili Road (Kaumuali‘i Highway to Haku Hale Street) Kalāheo, Kaua‘i, Hawai‘i (4-24-14):cin
THIRD AMENDMENT TO CONTRACT NO. 555

JOB NO. 11-10 WP2020 PROJECT NO. K-18
8-INCH WATER MAIN REPLACEMENT
ALONG HALEWILI ROAD
KALĀHEO, KAUAʻI, HAWAIʻI

THIS THIRD AMENDMENT TO CONTRACT NO. 555 by and between the
BOARD OF WATER SUPPLY OF THE COUNTY OF KAUAʻI, (hereinafter “Board”) and
LYON ASSOCIATES, INC., a Hawaiʻi corporation, (hereinafter “Contractor”) whose principal
place of business and mailing address is 45 North King Street, Suite 501, Honolūlū, Hawaiʻi
96817.

WITNESSETH:

WHEREAS, the Board and the Contractor entered into Contract No. 555 on April 19,
2012 for Job No. 11-10, 8-Inch Water Main Replacement along Halewili Road (Water Plan 2020
Project No. K-18), which consisted of designing, surveying and verifying available topographic
maps, preparing preliminary engineering reports and completing detailed construction plans,
specifications, estimate of quantities and cost, and creating a bid proposal; and

WHEREAS, the State of Hawaiʻi Department of Transportation (DOT) in a letter dated
February 27, 2014 states that prior to the final approval of the Use and Occupancy for Water
Line along Kaumualiʻi Highway and Halewili Road, a copy of the metes and bounds description
of the subject area along with a parcel map and mathematical closures are required; and

WHEREAS, the Contractor is willing and able to do the required work for an additional
$1,500.00; and

WHEREAS, when the Contractor applied for the NPDES General Permit on March 22,
2013, the filing fee for the permit was not included on the Contract Scope of Work. In reviewing
the Contractor’s billing statement, it reflects that they paid for the NPDES Individual Permit
filing fee separately since it was not included in their scope of work amounts; and

WHEREAS, the Board is willing to reimburse the filing fee of $1,000.00 to the
Contractor; and

WHEREAS, the Board desires and the contractor is willing to amend the scope of work
and budget as set forth in Exhibit “A-2” and Exhibit “B-2”, respectively, attached hereto to
include a Preparation of Parcel Map and Mathematical Closures; and
WHEREAS, Paragraph 2 of the Contract allows for changes in the scope of work which are mutually agreed to by the parties; and

WHEREAS, Paragraph 13 of the General Terms and Conditions of Contracts of the County of Kaua‘i allows for contract modification within the general scope of the agreement, subject to mutual agreement of the parties; and

WHEREAS, additional funds of $220.00 are appropriated and available to compensate the Contractor for a portion of the additional work; and

NOW THEREFORE, for and in consideration of the mutual promises, consideration and understandings set forth in the Contract, the Contract is hereby amended as follows:

1. Paragraph 10. **Compensation.** The first paragraph of Section 10 is deleted in its entirety and replaced with the following:

   “10. **Compensation.** In full consideration of all services to be performed under the Contract Documents including, but not limited to, Exhibit “A-2” (“Scope of Work”), the Board shall pay the Contractor the total, maximum sum of **NINETY-ONE THOUSAND, TWO HUNDRED NINETEEN AND 00/100 DOLLARS ($91,297.00).** A detailed breakdown of this sum is attached as Exhibit “B-2” (“Budget Estimate”) to this Contract. The described sum includes any and all applicable Federal, State and local taxes. In the opinion of the Contractor, all work necessary to obtain the objectives and interest of this Contract are described in the Contract Documents.

2. Paragraph 5. **Time of Completion of Contractor’s Work.** Is deleted in its entirety and replaced with:

   “5. **Time of Completion of Contractor’s Work.** All work shall be completed by the Contractor before May 30, 2014. In any event, all work shall be completed as expeditiously as possible.”

3. **Exhibit “A”** which was attached to Contract No. 555 is deleted in its entirety and replaced with **Exhibit “A-2”** which is attached hereto and made a part hereof.

4. **Exhibit “B”** which was attached to Contract No. 555 is deleted in its entirety and replaced with **Exhibit “B-2”** which is attached hereto and made a part hereof.

The parties further agree that all other provisions of Contract No. 555 shall remain in full force and effect except as amended herein.
IN WITNESS WHEREOF, the parties have executed this Amendment to the Contract this ________ day of ________________, 2014.

APPROVED: 

________________________    By___________________________
Acting Manager and Chief Engineer

BOARD OF WATER SUPPLY
COUNTY OF KAUA’I

By___________________________
Its Chairperson

APPROVED AS TO FORM
AND LEGALITY:

________________________
Deputy County Attorney

CONTRACTOR:
LYON ASSOCIATES, INC.

By___________________________
Its

By___________________________
Its
On this ______ day of __________________, 2014, before me appeared
_____________________________ to me personally known, who being by me was duly sworn,
and that said officer is the Chairperson of the BOARD OF WATER SUPPLY, COUNTY OF
KAUA‘I, and that the foregoing instrument was signed on behalf of said Board with authority of
said Board, and that said officer acknowledged the instrument to be the free act and deed of said
Board, and that said Board has no corporate seal.

Notary Public, State of Hawai‘i

Name of Notary: ______________________

My commission expires:_________________
On this ______ day of __________________________, 2014, before me appeared __________________________ to me personally known, who, being by me duly sworn, did say he/she is the _________________ of LYON ASSOCIATES, INC., a Hawai‘i corporation; that the seal affixed to the foregoing instrument is the seal of said corporation; that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors; and said officer acknowledged said instrument to be the free act and deed of said corporation.

___________________________________
Notary Public, State of Hawai‘i

Name of Notary: _______________________

My commission expires: ________________
EXHIBIT “A-2”

SCOPE OF WORK

Job No. 11-10, Water Plan 2020 #K-18, 8-inch Water Main Replacement
Halewili Road (Kaumualii Highway to Haku Hale Street), Kalāheo, Kaua‘i, Hawai‘i

A. SCOPE OF WORK.

The Contractor shall take full charge of designing the Project, and shall be responsible for all surveying and verifying available topographic maps, preparing preliminary engineering reports and completing detailed construction plans, specifications, estimate of quantities and cost, and creating a bid proposal, and shall furnish all personnel, materials, transportation and equipment needed in connection therewith. Specifically, the Contractor shall perform the following work items:

Design and prepare final construction plans and specifications for approximately 1650 linear feet of 8-inch pipe within the Kalāheo water system, together with valves, fire hydrants, service laterals, connections and other waterline accessories.

The design and preparation of final construction plans and specifications may include phasing the project as follows:

1. Perform a detailed topographic survey of all the public and private right of ways affected by the project.
2. Prepare construction plans and specifications for the project.
3. Submit plan for review to all affected governmental agencies and utility companies.
4. Provide revisions as necessary leading to approval of plan and project specifications.
5. Prepare and submit all necessary NPDES and SHPD permit applications. Provide revisions as necessary leading to tentative approval pending contractor information and final project schedule.
6. Provide the Department of Water the approved construction tracings and specifications for the project including digital copies of all documents.
7. Prepare and submit Archaeological Monitoring Plan (AMP) to State Historic Preservation Division/Department of Land and Natural Resources (SHPD/DLNR) prior to construction. The scope for Archaeological Monitoring, either on-site or on-call, during all ground-disturbing work by a qualified archaeologist including monitoring report is not included.
8. Prepare and submit Parcel Map and Mathematical Closures (metes and bounds) to the State of Hawaii Department of Transportation (DOT).

The project drawings shall include the following items:

(1) Stationing on plan and profile shall be based on a maximum of 100 feet with intermediate stationing as needed.
(2) True elevations and azimuths shall be used.
(3) Construction plans on 22”x36” mylar film for reproducing ozalid drawings along with three (3) sets of completely signed construction drawings. An electronic version of all drawings shall be submitted on a compact disk using AutoCAD 2000 and PDF or an approved alternative format.
(4) One (1) set of 8½” x 11” original typed specifications together with one (1) electronic copy in Microsoft Word 2000 or later format on a CD-R/CD-RW disc formatted for IBM compatible personal computers or an approved equal format.

B. After acceptance of the final construction plans and specifications, the Contractor shall be available for consultation and review of shop drawings during the construction phase of the Project, or a period of three (3) years from the Department’s final acceptance of the Project’s plans and specifications, whichever period is less.

C. The following services are not included under this contract:

(1) Parcel or easement acquisitions. It is assumed that the waterline alignment falls within the County and State right-of-ways.

(2) Day-to-day inspections and construction management.

(3) Source and storage evaluation for the additional demands.

D. The Contractor shall provide consultation and advice during construction, on an as-needed basis.

E. 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.
EXHIBIT “B-2”

BUDGET ESTIMATE

Job No. 11-10, Water Plan 2020 #K-18, 8-inch Water Main Replacement
Halewili Road (Kaumualiʻi Highway to Haku Hale Street), Kalāheo, Kauaʻi, Hawaiʻi

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<td>I. Basic Services</td>
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<td>A. Topographic Survey</td>
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<td>B. Repaving and Striping Plan</td>
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<td><strong>CONTRACT TOTAL</strong></td>
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(not to exceed)
MANAGER’S REPORT No. 14-48

April 24, 2014


RECOMMENDATION:
There is no recommendation at this time. The Department of Water staff was requested to provide an update after the March 7, 2014 Board Workshop. This report is meant to inform Board members with regards to the request and the pending construction of the subject project.

STATUS OF PROJECT:
We have completed the design and issued RFP for construction. Proposals are due April 10, 2014 and once evaluated, we would possibly recommend award of a construction contract in May 2014.

FUNDING:
No additional funding requested at this time.

March 7, 2014 Board Workshop Requests:
1. Show projections going forward – how the Water Utility Fund could bear the debt service. [Information provided by Waterworks Controller]

Below is a short synopsis of the FY 2014-2015 budget. It is an illustration of how Water Utility Fund (WUF) can support the additional debt service incurred by DOW for the construction of the proposed DOW building.

A. Resources: $47.5M. The projected resources below include a projected transfer of $953K from Facility Reserve Charge (FRC) as a debt reimbursement to WUF for FRC debt related projects. This amount doesn’t satisfy the estimated annual requirement of $2.5M in FRC related debts.

- Based on the FY 2014-2015 draft proposed budget, WUF revenues are projected at $31,599,015.
- Projected FRC fund transfer of $953K for FRC debt reimbursement. This FRC revenue is projected based on current existing FRC rate of $4,600.
- Estimated Fund balance roll over - $15,000,000.

B. Use of Resources: $43.5M. The projected use of resources below includes the annual Debt Service Requirement (DSR) of $8.5M for all DOW debts from SRF loan and Build America Bond (BAB) interest and principal re-payments. FRC related debts of $2.5M are included. Please note above under “Resources”, the FRC projected fund transfer is only estimated at $953K because this is the projected available FRC Resources. The FRC revenues were estimated using current FRC rates at $4,600.00.
• Operating Expenditures is projected at $26.4M which includes $4.1M in annual Debt interest expense, WUF and FRC interest expenses combined.
• Water utility funded Capital Outlays are budgeted at $10M.
• Debt principal payments for both WUF and FRC will be $4.4M. This amount includes the additional debt principal payment of $72K that DOW may incur if DOW takes the new SRF Loan for the proposed DOW building construction.
• Reserve Transfers of $2.1M.

C. Source (Use) of Fund Balance - $4.7M.

Source (Use) of Fund Balance is projected with a positive $4.7M balance. Please note that FRC transfer for debt reimbursement was estimated conservatively using the $4,600 current FRC rates. If within the year, the FRC new rates will be approved, the FRC reimbursement could be higher, consequently, Resources and Source of Fund Balance may also increase.

The budget years beyond FY 14-15 won’t have significant change in water sales revenues but FRC revenues may double from $950K to $2M when the new FRC rates are in place.

Other significant changes of the succeeding years’ WUF budget are: decrease or elimination of the annual transfers for Emergency Reserve and Debt Service Fund Reserve. The net effect is an increase of DOW’s WUF “Source (Use) of Fund Balance” at any given year. This year’s budget for Reserve Transfers is (Debt Service) is $2.1M. The following budget year (FY 2016) will be significantly lower since these reserve funds are close to getting fully funded.

Operating Expenditures will be kept at a similar range and annual debt service will slightly go down as we pay down on debt principal.

Over all, this equates to an increase in Resources and a decrease in Use of Resources. This includes $187K projected debt service that we pay for the additional $4.9M in SRF loan proceeds or $2.9M additional debt principal.

The end of FY 2016 is the last year of the Water Rate Study so a new study will be initiated for the next 2017 to 2021. In the absence of a new study, we will keep the budget similar to the FY 2015-2016 budget.

2. **Indicate how the Water Utility Fund is going to pay for debt service if expansion projects are not generating revenue. [Information provided by Waterworks Controller]**

Our WUF budget is already designed where FRC debt transfer to WUF is contingent on the amount of FRC revenues where FRC revenues are estimated using the existing $4,600 rate. The $950K FRC revenue estimate can be higher after the new FRC rates are implemented. If the FRC revenue will increase, the FRC debt transfer can be adjusted accordingly.

3. **If there is an $8M charge to Water Utility Fund, would the balance take care of the debt service until FRC is replaced? [Information provided by Waterworks Controller]**

If DOW were to take the $8M SRF loan, it will free up $3.9M DOW cash which will increase available Resources and consequently, Source of Funds. The increased principal loan of about
$5M will increase the annual debt service by $430K. This increase in debt service can be charged against WUF.

4. **What are the nine (9) projects to be completed between now and March 2015? What is Expansion & Replacement?** [Information provided by Engineering Division]

<table>
<thead>
<tr>
<th>Expansion or Rehab/Repl</th>
<th>JOB NO.</th>
<th>WP 2020 PROJECT NO.</th>
<th>PROJECT</th>
<th>ESTIMATED COMPLETION DATE</th>
<th>ESTIMATED CONSTRUCTION COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exp.</td>
<td>02-06</td>
<td>WKK-15</td>
<td>CONSTRUCT KILAUEA 466 TANK, 1.0 MG</td>
<td>APRIL 18, 2014</td>
<td>$2,500,000.00</td>
</tr>
<tr>
<td>Rehab.</td>
<td>11-07</td>
<td>KP-09</td>
<td>KOLOA WELLS 16A &amp; 16B WELL, SITE AND BUILDING IMPROVEMENTS</td>
<td>MAY 30, 2014</td>
<td>$1,400,000.00</td>
</tr>
<tr>
<td>Repl.</td>
<td>11-10</td>
<td>K-18</td>
<td>8&quot; WATER MAIN REPLACEMENT HALEWILI ROAD</td>
<td>MAY 31, 2014</td>
<td>$800,000.00</td>
</tr>
<tr>
<td>Exp./Repl.</td>
<td>11-09</td>
<td>K-05A</td>
<td>KUKUIOLONO 0.5 MG, 866' Tank</td>
<td>JUNE 2014</td>
<td>$3,500,000.00</td>
</tr>
<tr>
<td>Rehab.</td>
<td>13-07</td>
<td></td>
<td>KOLOA WELL &quot;D&quot; REPAIRS</td>
<td>JULY 2014</td>
<td></td>
</tr>
<tr>
<td>Exp./Repl.</td>
<td>11-02</td>
<td>PLH-01A</td>
<td>REPLACE GROVE FARM TANKS #1 &amp; #2</td>
<td>JUNE 2014</td>
<td>$2,000,000.00</td>
</tr>
<tr>
<td>Repl.</td>
<td>12-01</td>
<td>H-05</td>
<td>WEKE, ANAE, AND HE‘E ROADS 6&quot; and 8&quot; MAIN REPLACEMENT (2,760')</td>
<td>AUGUST 30, 2014</td>
<td>$1,500,000.00</td>
</tr>
<tr>
<td>Rehab.</td>
<td>12-04</td>
<td>HE-14</td>
<td>ELE‘ELE BOOSTER REPAIR</td>
<td>SEPTEMBER 2014</td>
<td>$350,000.00</td>
</tr>
<tr>
<td>Repl.</td>
<td>10-01</td>
<td>ANI-01B</td>
<td>ANINI AND KALIHIWAI ROAD 6&quot; MAIN (5,300')</td>
<td>NOVEMBER 30, 2014</td>
<td>$3,300,000.00</td>
</tr>
<tr>
<td>Repl.</td>
<td>13-5</td>
<td></td>
<td>KOLO ROAD MAIN REPLACEMENT (KILAUEA SCHOOL)</td>
<td>AUGUST 2014</td>
<td>$1,278,550.00</td>
</tr>
<tr>
<td>Exp.</td>
<td>PLH-35B</td>
<td></td>
<td>KAPAIA CANE HAUL ROAD 18&quot; MAIN</td>
<td>SEPTEMBER 2014</td>
<td>$3,000,000.00</td>
</tr>
<tr>
<td>Exp./Repl.</td>
<td>10-01</td>
<td>ANI-01A</td>
<td>ANINI AND KALIHIWAI ROAD 6&quot; MAIN (9,156')</td>
<td>NOVEMBER 30, 2014</td>
<td>$7,800,000.00</td>
</tr>
</tbody>
</table>

9 Projects expected to be completed and ready for construction by March 2015

Construction will be funded by State Appropriation

Construction 2/3 to be funded by DOW with 1/3 via Grove Farm per Waiahi SWTP Agreement

Will not go into construction until new source is ready

*Note: CM Division not responsible for dates above provided by Engineering Division in March 2014*

PLH-35B (Kapaia Cane Haul Road18” Main) is being designed by Kodani and Associates with Grove Farm Company as the owner of the project. Their intent is to be the owner in construction as well with DOW sharing 2/3 of the design and construction cost. The DOW has no control with regards to this contract but has a financial tie to the project due to the SWTP purchase agreement. With the majority share of the project financially, there are questions regarding how the project should have been/should be procured to use DOW funds. This could affect timing.
5. How can the Department generate FRC through the expansion projects that will be completed by March 2015? [Information provided by Water Resources and Planning]

<table>
<thead>
<tr>
<th>Expansion or Rehab/Repl</th>
<th>JOB NO.</th>
<th>WP 2020 PROJECT NO.</th>
<th>PROJECT</th>
<th>ESTIMATED ADDITIONAL 5/8&quot; METERS</th>
<th>ESTIMATED FRC GENERATED @ $14,160 per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exp. 02-06</td>
<td>WKK-15</td>
<td></td>
<td>CONSTRUCT KILAUEA 466 TANK, 1.0 MG</td>
<td>0*</td>
<td>$0</td>
</tr>
<tr>
<td>Exp./Repl. 11-09</td>
<td>K-05A</td>
<td>WP 2020</td>
<td>KUKUIOLONO 0.5 MG, 866' Tank</td>
<td>440</td>
<td>$642,400</td>
</tr>
<tr>
<td>Exp./Repl. 11-02</td>
<td>PLH-01A</td>
<td></td>
<td>REPLACE GROVE FARM TANKS #1 &amp; #2</td>
<td>0**</td>
<td>$0</td>
</tr>
<tr>
<td>Exp.</td>
<td>PLH-35B</td>
<td></td>
<td>KAPAIA CANE HAUL ROAD 18&quot; MAIN</td>
<td>0***</td>
<td>$0</td>
</tr>
<tr>
<td>Exp./Repl. 10-01</td>
<td>ANI-01A</td>
<td></td>
<td>ANINI AND KALIHIWAI ROAD 6&quot; MAIN (8,156')</td>
<td>0****</td>
<td>$0</td>
</tr>
</tbody>
</table>

* Increases storage capacity but doesn’t change existing source already operating at fully capacity in Kilauea system  
** Increases storage capacity for 600 meters but doesn’t change existing source restriction of three 5/8” meter per development in PLH  
*** Makes a stronger/more reliable system but does not open up additional capacity in the Puhi-Lihue-Hanamaulu (PLH) system  
**** Makes a stronger/more reliable system but does not open up additional capacity in the Kilauea-Anini systems  

Note: Above information provided by WR&P Division in March 2014

Based on the projects provided by DOW Engineering Division to be completed by March 2015 and the information estimated by DOW Water Resources and Planning for those projects above, only one project provides additional meter capacity which equates to approximately $642,000 in potential FRC revenue. The issue restricting the additional meter capacity is related to source deficiency in Kilauea and the Puhi-Lihue-Hanamaulu districts.

There remains a set of projects that could be completed during FY 14-15 or FY 15-16 that could generate significant FRC revenue if the existing drainage issues are engineered between DOW and DPW as shown below.

<table>
<thead>
<tr>
<th>Expansion or Rehab/Repl</th>
<th>JOB NO.</th>
<th>WP 2020 PROJECT NO.</th>
<th>PROJECT</th>
<th>ESTIMATED COMPLETION DATE</th>
<th>ESTIMATED CONSTRUCTION COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exp. 02-14</td>
<td>WK-08</td>
<td></td>
<td>CONSTRUCT KAPAA HOMESTEAD 313 TANK, 1.0 MG</td>
<td>JUNE 2014*</td>
<td>$8,000,000.00</td>
</tr>
<tr>
<td>Exp.</td>
<td>WK-39</td>
<td></td>
<td>KAPAA HOMESTEAD WELL NO. 4</td>
<td>COMPLETED**</td>
<td>$750,000.00</td>
</tr>
</tbody>
</table>

* Engineering Division needs to deal with drainage issues with DPW  
** Exploratory well to be constructed with WK-08 in order to discharge testing water through drain line

Note: CM Division not responsible for dates above provided by Engineering Division in March 2014
ESTIMATED FRC GENERATED

<table>
<thead>
<tr>
<th>Expansion or Rehab/Repl</th>
<th>JOB NO.</th>
<th>WP 2020 PROJECT NO.</th>
<th>PROJECT</th>
<th>ESTIMATED ADDITIONAL 5/8&quot; METERS</th>
<th>ESTIMATED FRC GENERATED @ $14,160 per</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exp.</td>
<td>02-14</td>
<td>WK-08</td>
<td>CONSTRUCT KAPAA HOMESTEAD 313 TANK, 1.0 MG</td>
<td>160*</td>
<td>$2,265,600</td>
</tr>
<tr>
<td>Exp.</td>
<td></td>
<td>WK-39</td>
<td>KAPAA HOMESTEAD WELL NO. 4</td>
<td>740**</td>
<td>$10,478,400</td>
</tr>
</tbody>
</table>

* Increases in 313' service zone
** Increases in 530' service zone

Note: Above information provided by WR&P Division in March 2014

6. **What is the construction cost that staff thinks is a good number to move forward with?**

This will be provided to the Board after we receive proposals in April 2014 and review all funding scenarios available with the recent availability of additional grant funds related to the Kahili Horizontal Well cancellation. There is a possibility that SRF grant funds could increase from original $1.7M to $2.1M.

**BACKGROUND:**
A Master Plan and Environmental Assessment began was completed by our consultant in 2011. 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 Board of Water approved master plan as a guide in 2012. The DOW does not currently own the adjacent parcel the building is planned for but attained approval from the County to rezone the parcel from Open (O) to R-1/STP (Special Treatment - Public). The Class IV/Use Permits were approved by the Planning Commission in September 2013. The subdivision for the parcel (S-2013-15) received final subdivision approval from the Planning Commission in February 2014. The DOW hopes to work with the County Council and Administration to acquire the parcel prior to/soon after construction completion. DOW Construction Project Management Officer has completed the design for the new Administration building for the adjacent triangle parcel with offsite improvements and the RFP for construction has been advertised as of February 28, 2014. Proposals are to be received on April 10, 2014. The evaluation committee will review the proposals submitted and make a recommendation to the Board in May 2014.

**OPTIONS:**
This particular report has no recommendations, therefore no options are presented.

Respectfully submitted,

Dustin Moises, P.E.
Construction Project Management Officer
CONCURRED:

Kirk Saiki, P.E  
*Acting* Manager and Chief Engineer

DM: ein

Mgrnp/April 2014/14-48 Water Plan 2020 Project PLH-39, Lihue Baseyard Improvements (Phase I), for the Department of Water, Lihu’e Water System; Lihu’e, Kaua’i, Hawai’i, Manager’s Response from PLH-39 Workshop (4-24-14); ein
MANAGERS REPORT No. 14-49

April 24, 2014

Re: Request Board Approval on 8th Change Order for Job No. 02-17, Maka Ridge Facilities Rehabilitation Plan and Princeville System Interconnection Plan (Water Plan 2020 Project No. H-01, H-02, H-03), Hanalei, Kauai

RECOMMENDATION: It is recommended that the Board approve additional funding for potential 8th change order for Contract No. 542 with MEI Corporation for the subject project.

FUNDING:
Job No. 02-17, Maka Ridge Facilities Rehabilitation Plan and Princeville System Interconnection Plan

Original Funds Certified (BAB): $2,500,000.00

| Contract No. 542, Oceanic Companies, Inc. | $2,357,017.00 |
| Change Order #1 (Probing and Surveying) | $ 8,804.00 |
| Change Order #2 (Realign 12 WL/Remove AC pipe) | $ 57,498.00 |
| Change Order #3 (Extend beam/add standpipes) | $ 19,265.00 |
| Change Order #4 (Electrical conduit/wiring for SCADA) | $ 9,144.00 |
| Change Order #5 (SCADA Redesign at Princeville) | $ 24,238.00 |
| Change Order #6 (Chlorination redesign equipment) | $ 2,589.07 |
| Change Order #7 (Additional mobilization for CO6) | $ 1,950.00 |
| Proposed Change Order #8 (Maka Ridge Tank roof topping) | $77,692.00 |

Total Funding Required: $2,558,197.07

Additional Funds Required (BAB) $58,197.07

Funds Available from BAB $22,143,578.57

Available Balance: Account # 201-01 BAB Bond after proposed change order #8 $22,085,381.50
BACKGROUND:
The major components of the projects are:
• 3,534 linear feet of 12-inch waterline
• Addition and renovation of Maka Ridge pump control building and site
• Renovation of existing Maka Ridge 0.25 MG concrete tank and site
• Electrical work
• Reinforced concrete retaining wall
• Chain link fencing
• Drainage improvements
• Access road improvements
• Princeville interconnection site improvements

During construction there have been numerous changes required that were unanticipated during design as reflected above. Those items were dealt with via original project contingency. This is the first request for additional funding. We are nearly 90% complete with the project and anticipate no more changes for the remainder of the project.

Potential Change Order #8. ($77,692.00)
The roof rehabilitation as originally designed required the contractor to do only 1200 SF of the total 2400 SF tank roof area. During construction, it was discovered that the design specifications were ambiguous and did not deal with all existing ponding on the rest of the tank roof. Department of Water (DOW) has asked the contractor to provide a price for dealing with the entire tank roof ponding issue in order to attain the roof coating warranty by the manufacturer. The $77,692.00 deals with the worst case scenario that would be required to reduce the ponding and do the project rehabilitation correctly at this time.

There is a remainder of original contingency in the amount of $19,494.93, thus, the total additional funding request at this time is $58,197.07.

Respectfully submitted,

Dustin Moises, P.E.
Construction Project Management Officer

CONCURRED:

Kirk Saiki, P.E.
Acting Manager and Chief Engineer
H. NEW BUSINESS

Budget FY 14-15

REPORT

PENDING
Staff Reports
### I. WATER UTILITY FUND

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Month</th>
<th>Year to Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Balance 07/1/2013</td>
<td></td>
<td></td>
<td>$26,657,175.42</td>
</tr>
<tr>
<td>Add: Revenues</td>
<td>$2,089,301.38</td>
<td>$24,729,814.62</td>
<td>$24,729,814.62</td>
</tr>
<tr>
<td><strong>TOTAL RESOURCES:</strong></td>
<td></td>
<td></td>
<td><strong>$51,386,990.04</strong></td>
</tr>
<tr>
<td>Less: Expenditures</td>
<td>$3,255,632.83</td>
<td>$24,728,470.86</td>
<td>$24,728,470.86</td>
</tr>
<tr>
<td><strong>TOTAL EXPENDITURES:</strong></td>
<td></td>
<td></td>
<td><strong>$24,728,470.86</strong></td>
</tr>
<tr>
<td>Ending Balance</td>
<td></td>
<td></td>
<td><strong>$26,658,519.18</strong></td>
</tr>
</tbody>
</table>

### II. FACILITIES RESERVE CHARGE

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Month</th>
<th>Year to Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Balance 07/1/2013</td>
<td></td>
<td></td>
<td>$2,663,693.54</td>
</tr>
<tr>
<td>Add: Revenues</td>
<td>$160,546.53</td>
<td>$882,584.89</td>
<td>$882,584.89</td>
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<tr>
<td><strong>TOTAL RESOURCES:</strong></td>
<td></td>
<td></td>
<td><strong>$3,546,278.43</strong></td>
</tr>
<tr>
<td>Less: Expenditures</td>
<td>-</td>
<td>$2,563,863.00</td>
<td>$2,563,863.00</td>
</tr>
<tr>
<td><strong>TOTAL EXPENDITURES:</strong></td>
<td></td>
<td></td>
<td><strong>$2,563,863.00</strong></td>
</tr>
<tr>
<td>Ending Balance</td>
<td></td>
<td></td>
<td><strong>$982,415.43</strong></td>
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</table>

### III. WATERWORK BUILD AMERICA PROJECT FUND

<table>
<thead>
<tr>
<th>Description</th>
<th>Current Month</th>
<th>Year to Date</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning Balance 07/1/2013</td>
<td></td>
<td></td>
<td>$26,029,967.39</td>
</tr>
<tr>
<td>Add: Revenues</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>TOTAL RESOURCES:</strong></td>
<td></td>
<td></td>
<td><strong>$26,029,967.39</strong></td>
</tr>
<tr>
<td>Less: Expenditures</td>
<td>$41,868.62</td>
<td>$1,821,236.52</td>
<td>$1,821,236.52</td>
</tr>
<tr>
<td>Ending Balance</td>
<td></td>
<td></td>
<td><strong>$24,208,730.87</strong></td>
</tr>
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</table>

**TOTAL - ALL FUNDS at February 28, 2014**

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>$51,849,665.48</strong></td>
</tr>
</tbody>
</table>
# Statement of Revenues and Expenditures

**Water Utility Fund**  
February 28, 2014

## Revenues:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash on hand-Unrestricted as of July 1, 2013</td>
<td>$24,257,175.42</td>
</tr>
<tr>
<td>Cash on hand-Restricted (Emergency Reserve)</td>
<td>$2,400,000.00</td>
</tr>
<tr>
<td>Add: Revenues To Date</td>
<td>$24,729,814.62</td>
</tr>
</tbody>
</table>

**Sub-Total**  
$51,386,990.04

## Expenditures:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less: Expenditures to Date</td>
<td>$24,728,470.86</td>
</tr>
</tbody>
</table>

**Balance at the End of the Month**  
$26,658,519.18

## Short Term Investments - Water Utility Fund

**Bank of Hawaii**

- **Central Pacific Bank**
  - T30020197 0.12000% INT. DUE 01/29/14 $1,200,000.00
- **First Hawaiian Bank**
- **Merrill-Lynch**
  - CUSIP# C313378KS9 0.5200% INT. DUE 04/06/15 $1,000,000.00
  - CUSIP# C3136G1XH7 0.7000% INT. DUE 11/18/16 $1,000,000.00
  - CUSIP# C313385ZZ2 0.0760% INT. DUE 07/30/14 $1,199,567.50

**Sub-Total for Page A**  
$4,399,567.50
SUB-TOTAL FROM PAGE A $4,399,567.50

SHORT TERM INVESTMENTS - WATER REVENUES

MULTI-BANK

CUSIP# 36160JGY8 1.20000% INT. DUE 07/13/15 150,000.00
CUSIP# 3134G32T6 0.77000% INT. DUE 12/28/17 1,000,000.00
CUSIP# 3136GOQA2 0.75000% INT. DUE 07/19/17 1,000,000.00

UBS
CUSIP# C3137EADJ5 1.00000% INT. DUE 07/28/17 1,002,052.22
CUSIP# C3136GOX89 0.75000% INT. DUE 04/26/17 1,998,000.00
CUSIP# C3136G1BT5 0.80000% INT. DUE 03/21/16 992,790.28
CUSIP# C3134G4EF1 1.00000% INT. DUE 02/13/17 $1,000,000.00 $7,142,842.50

TOTAL SHORT-TERM INVESTMENTS - WATER UTILITY $11,542,410.00

CASH ON HAND WITH TREASURER - COK 02/28/14 $1,167,412.01
CASH ON HAND-FHB Checking (EP) 02/28/14 $50,000.00
CASH ON HAND-BOH Savings 02/28/14 $8,253,702.58
Bank transfer check in transit outstanding
CASH ON HAND-FHB Blackrock T-FUND (Sweep Acct) 02/28/14 $4,670,817.50
CASH ON HAND - FHB Savings 02/28/14 $25,822.80

LESS: February Claims Payable
Claims paid in February $1,064,975.64
Due to BAB 01/31/14 $10,323.80
Due from FRC 01/31/14 $2,495,227.00
Due to FRC 02/28/14 $140,519.41
Due to Trust Fund 01/31/12 $14,961.00

WATER UTILITY FUND CASH BALANCE AT THE END OF THE MONTH $26,658,519.18

TRUST FUND
CASH ON HAND WITH TREASURER - COK 02/28/14 $320,000.00
CASH ON HAND-FHB Savings Trust Fund 02/28/14 559,642.12

TRUST FUND RECEIPTS 02/28/14 $(879,642.12)
$ -
**DEPARTMENT OF WATER**  
**County of Kauai**  
**JULY 1, 2013 TO JUNE 30, 2014**  
**February 28, 2014**

**WATER UTILITY FUND**

<table>
<thead>
<tr>
<th>CASH RECEIPTS:</th>
<th>BUDGETED RECEIPTS</th>
<th>TOTAL RECEIPTS TO DATE</th>
<th>RECEIPTS FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL RECEIPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEG. CASH BALANCE-Unrestricted</td>
<td>$24,257,175.42</td>
<td>$24,257,175.42</td>
<td>$24,257,175.42</td>
<td>66.67%</td>
<td>$24,257,175.42</td>
</tr>
<tr>
<td>BEG. CASH BALANCE-Restricted</td>
<td>$2,400,000.00</td>
<td>$2,400,000.00</td>
<td>$2,400,000.00</td>
<td></td>
<td>$2,400,000.00</td>
</tr>
</tbody>
</table>

1. **Water Sales**  $27,197,204.00  $18,285,857.17  $1,752,172.45  67%  $8,911,346.83
2. **Prior Year Receipts**  $60,000.00  $ -  $ -  0%  $60,000.00
3. **Interest Income**  $85,000.00  $57,188.07  $9,250.32  67%  $27,811.93
4. **County Service Charge**  $1,630,230.00  $ -  $ -  0%  $1,630,230.00
5. **State Revolving Fund**  $4,611,752.00  $3,235,031.50  $ -  70%  $1,376,720.50
   5a **Other Receipts**  $2,749,907.00  $1,953.69  $ -  0%  $2,747,953.31
   5b **OTHER - BAB Subsidy**  $649,257.45  $654,557.19  $327,878.61  101%  $(5,299.74)
   5c **FRC Debt Service Payback**  $2,495,227.00  $2,495,227.00  $ -  $ -
   5d **Grant, Drought Mitigation**  $230,000.00  $ -  $230,000.00  0%  $230,000.00

**TOTAL RESOURCES**  $66,365,752.87  $24,729,814.62  $2,089,301.38  41,635,938.25

**DISBURSEMENTS:**

<table>
<thead>
<tr>
<th>SALARIES:</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>County over charge to payroll</td>
<td>$5,555,763.70</td>
<td>$3,166,065.59</td>
<td>$420,435.08</td>
<td>57%</td>
<td>$2,389,698.11</td>
</tr>
<tr>
<td>Salaries - DOW</td>
<td>$5,555,763.70</td>
<td>$3,166,065.59</td>
<td>$420,435.08</td>
<td>57%</td>
<td>$2,389,698.11</td>
</tr>
<tr>
<td>Provision for</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accrued Vacation</td>
<td>$100,000.00</td>
<td>$49,918.92</td>
<td>$7,222.50</td>
<td>50%</td>
<td>$50,081.08</td>
</tr>
</tbody>
</table>

**TOTAL SALARIES:**  $5,655,763.70  $3,215,984.51  $2,439,779.19  2,439,779.19

**NORMAL EXPENDITURES**

| 19 COUNTY SERVICE CHRG | $1,630,230.00 | $ - | 0% | $1,630,230.00 |

**ADMINISTRATIVE OFFICE and ENGINEERING:**

<table>
<thead>
<tr>
<th>21 Utilities</th>
<th>$293,540.00</th>
<th>$139,200.50</th>
<th>$16,180.98</th>
<th>47%</th>
<th>$154,339.50</th>
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</thead>
<tbody>
<tr>
<td>22 Postage and Printing</td>
<td>$141,000.00</td>
<td>$51,128.36</td>
<td>$7,296.45</td>
<td>36%</td>
<td>$89,871.64</td>
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<tr>
<td>Office Equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Maintenance</td>
<td>$196,500.00</td>
<td>$39,549.70</td>
<td>$1,719.53</td>
<td>20%</td>
<td>$116,950.30</td>
</tr>
<tr>
<td>24b Con 559 Four Winds Group MMIS Phases I &amp; II</td>
<td>$40,000.00</td>
<td>$13,500.00</td>
<td>$33%</td>
<td>$27,417.66</td>
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</tr>
</tbody>
</table>

**TOTAL RESOURCES:**  $31,298,494.50  $14,436,967.85  $4,969,956.19  3,208,513.31

**2014 WU BUDGET STATUS**
<table>
<thead>
<tr>
<th>ITEM</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Open FRC Accounts Listing Contractual Services</td>
<td>$25,000.00</td>
<td>$541,999.80</td>
<td>$101,812.40</td>
<td>$19,374.17</td>
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<tr>
<td>27a</td>
<td>Con 521 R. W. Beck Inc. Financial Management Planning &amp; Rate Analysis</td>
<td>$8,008.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>27b</td>
<td>Con 506 R. W. Beck Inc. FRC Study for DOW</td>
<td>$1,205.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>27c</td>
<td>PO-38966, Kauai Water Shed Alliance</td>
<td>$75,000.00</td>
<td>$75,000.00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>27d</td>
<td>Con 535 Fukunaga &amp; Assoc. WRP 01 FY 05-06, Kauai Water Use &amp; Development Plan update</td>
<td>$515,460.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>27e</td>
<td>USGS Joint Funding Agreement Water Monitoring Program for the period 10/1/12-9/30/13</td>
<td>$7,837.50</td>
<td>$7,837.50</td>
<td>-</td>
<td>-</td>
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<tr>
<td>27f</td>
<td>UH Rainfall Study (2 years $80K and $70K)</td>
<td>$113,507.16</td>
<td>$56,235.09</td>
<td>$2,965.77</td>
<td>50%</td>
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<td>27g</td>
<td>Special Counsel Services</td>
<td>$25,000.00</td>
<td>$20,875.48</td>
<td>-</td>
<td>-</td>
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<tr>
<td>27h</td>
<td>Consultant-Re-establish Open FRC Accounts</td>
<td>$40,000.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<tr>
<td>28</td>
<td>Travel and Incidents - Board</td>
<td>$25,228.00</td>
<td>$1,605.87</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>29</td>
<td>Travel and Incidents - Staff</td>
<td>$43,820.00</td>
<td>$15,982.09</td>
<td>$3,689.93</td>
<td>36%</td>
</tr>
<tr>
<td>30</td>
<td>Bank Analysis Fee Collector’s Commission</td>
<td>$155,000.00</td>
<td>$11,615.67</td>
<td>$10.00</td>
<td>$143,384.33</td>
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<tr>
<td>31</td>
<td>Miscellaneous</td>
<td>$20,000.00</td>
<td>$6,791.04</td>
<td>$680.91</td>
<td>34%</td>
</tr>
<tr>
<td>32</td>
<td>Auditing Fee</td>
<td>$80,000.00</td>
<td>-</td>
<td>-</td>
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<tr>
<td>32c</td>
<td>Annual Audit Contract No. 537 KMH, LLP</td>
<td>$59,600.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>33</td>
<td>In-Service Training</td>
<td>$88,340.00</td>
<td>$51,671.59</td>
<td>$1,778.00</td>
<td>58%</td>
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<tr>
<td>34</td>
<td>Supplies - Office &amp; Eng.</td>
<td>$46,000.00</td>
<td>$34,676.37</td>
<td>$4,884.56</td>
<td>75%</td>
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<tr>
<td>35</td>
<td>Operating Reserve Fund</td>
<td>$175,000.00</td>
<td>$175,000.00</td>
<td>-</td>
<td>-</td>
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<tr>
<td>36</td>
<td>Public Relations</td>
<td>$86,500.00</td>
<td>$16,773.25</td>
<td>$1,373.87</td>
<td>19%</td>
</tr>
<tr>
<td>36.2</td>
<td>Con 531 Limtiaco Co, Inc. Public Relations Services</td>
<td>$22,718.04</td>
<td>-</td>
<td>-</td>
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<tr>
<td>36.3</td>
<td>Project WET - Source Protection Education</td>
<td>$230,000.00</td>
<td>-</td>
<td>-</td>
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<tr>
<td>37</td>
<td>Computer Support and Supplies</td>
<td>$86,500.00</td>
<td>$25,981.10</td>
<td>-</td>
<td>-</td>
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<tr>
<td>38</td>
<td>Microlab Materials and Supplies</td>
<td>$20,000.00</td>
<td>$5,426.82</td>
<td>$1,000.38</td>
<td>27%</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>$3,059,081.16</td>
<td>$910,262.83</td>
<td>$62,433.84</td>
<td>$2,148,818.33</td>
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<tr>
<td>ITEM</td>
<td>BUDGETED AMOUNT</td>
<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
<td>EXPENDITURES FOR THE MONTH</td>
<td>%</td>
<td>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</td>
</tr>
<tr>
<td>------</td>
<td>-----------------</td>
<td>----------------------------------</td>
<td>---------------------------</td>
<td>---</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>40</td>
<td>Vehicle - Materials &amp; Service</td>
<td>150,000.00</td>
<td>$ 89,896.11</td>
<td>$ 11,126.38</td>
<td>60%</td>
</tr>
<tr>
<td>41</td>
<td>Vehicle - Fuel</td>
<td>208,550.00</td>
<td>$ 94,015.75</td>
<td>$ 10,020.39</td>
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</tr>
<tr>
<td>42</td>
<td>Utilities</td>
<td>93,600.00</td>
<td>$ 51,736.34</td>
<td>$ 6,569.18</td>
<td>55%</td>
</tr>
<tr>
<td>43</td>
<td>Meter Parts</td>
<td>8,300.00</td>
<td>$ 4,112.40</td>
<td>$ 762.76</td>
<td>50%</td>
</tr>
<tr>
<td>43a</td>
<td>Electrical Parts</td>
<td>41,000.00</td>
<td>$ 12,782.52</td>
<td>$ 662.37</td>
<td>31%</td>
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<td>44</td>
<td>Miscellaneous</td>
<td>5,000.00</td>
<td>$ 700.00</td>
<td></td>
<td>14%</td>
</tr>
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<td>44a</td>
<td>Misc. - Tapping Team</td>
<td>8,000.00</td>
<td>$</td>
<td></td>
<td>0%</td>
</tr>
<tr>
<td>44b</td>
<td>Misc. - Drought Mitigation</td>
<td>-</td>
<td>$</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>45</td>
<td>Contractual Services</td>
<td>135,000.00</td>
<td>$ 4,100.66</td>
<td>$ 49.68</td>
<td>3%</td>
</tr>
<tr>
<td>45a</td>
<td>Con 540, FluidIQS, LLC, SCADA Maintenance</td>
<td>2,678.00</td>
<td>$</td>
<td></td>
<td>0%</td>
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<tr>
<td>45.1</td>
<td>Con 563 Glenmount Global Solutions, SCADA Maint.</td>
<td>67,988.80</td>
<td>$ 34,184.80</td>
<td></td>
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<tr>
<td>47</td>
<td>Materials and Supplies</td>
<td>404,000.00</td>
<td>$ 198,370.47</td>
<td>$ 23,203.99</td>
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</tr>
<tr>
<td>48</td>
<td>Collective Bargaining Items</td>
<td>30,000.00</td>
<td>$ 20,518.57</td>
<td>$ 6,570.51</td>
<td>68%</td>
</tr>
<tr>
<td>51</td>
<td>Pump Electrical</td>
<td>3,445,000.00</td>
<td>$ 2,194,920.75</td>
<td>$ 245,776.93</td>
<td>64%</td>
</tr>
<tr>
<td>55</td>
<td>Purchase of Water</td>
<td>2,074,326.00</td>
<td>$ 1,041,087.01</td>
<td>$ 220,385.18</td>
<td>50%</td>
</tr>
<tr>
<td>58</td>
<td>Chemicals</td>
<td>73,000.00</td>
<td>$ 26,708.49</td>
<td>$ 2,039.58</td>
<td>37%</td>
</tr>
<tr>
<td>59</td>
<td>Safe Drinking Water</td>
<td>(60,000.00)</td>
<td>$ 4,447.06</td>
<td>$ 189.47</td>
<td>6%</td>
</tr>
<tr>
<td>59.1</td>
<td>Con 576 Eurofins Eaton</td>
<td>60,000.00</td>
<td>$ 20,140.00</td>
<td></td>
<td>0%</td>
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<tr>
<td></td>
<td><strong>TOTAL OPERATIONS:</strong></td>
<td><strong>6,816,442.80</strong></td>
<td><strong>$ 3,797,720.93</strong></td>
<td><strong>$ 530,721.42</strong></td>
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<tr>
<td>60</td>
<td>Insurance and Bonds</td>
<td>200,000.00</td>
<td>$ 41,386.00</td>
<td>$ 41,386.00</td>
<td>21%</td>
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<tr>
<td>60a</td>
<td>Small Claims</td>
<td>10,000.00</td>
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<td></td>
<td>0%</td>
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<tr>
<td>61</td>
<td>Workmen's Compensation Insurance</td>
<td>150,000.00</td>
<td>$ 89,308.09</td>
<td>$ 49,698.45</td>
<td>60%</td>
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<tr>
<td>62</td>
<td>Retirement System</td>
<td>862,254.53</td>
<td>$ 484,327.34</td>
<td>$ 189,770.72</td>
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<td>63</td>
<td>FICA Taxes - Employer's</td>
<td>425,015.92</td>
<td>$ 226,878.23</td>
<td>$ 90,442.59</td>
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<tr>
<td>64</td>
<td>Health, Life, &amp; Dental (EUTF)</td>
<td>531,052.00</td>
<td>$ 242,641.80</td>
<td>$ 100,335.01</td>
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<tr>
<td></td>
<td>Unemployment Compensation</td>
<td>8,544.00</td>
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<td>0%</td>
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<tr>
<td></td>
<td><strong>TOTAL:</strong></td>
<td><strong>2,178,322.45</strong></td>
<td><strong>1,093,085.46</strong></td>
<td><strong>471,632.77</strong></td>
<td></td>
</tr>
<tr>
<td>ITEM</td>
<td>BUDGETED AMOUNT</td>
<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
<td>EXPENDITURES FOR THE MONTH</td>
<td>%</td>
<td>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</td>
</tr>
<tr>
<td>------</td>
<td>-----------------</td>
<td>----------------------------------</td>
<td>---------------------------</td>
<td>---</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Health &amp; Life Insurance - Retirees &amp; OPEB</td>
<td>$879,000.00</td>
<td>$879,000.00</td>
<td>$879,000.00</td>
<td>100%</td>
<td>$ -</td>
</tr>
<tr>
<td><strong>EMPLOYEE BENEFITS</strong></td>
<td>$3,057,322.45</td>
<td>$1,972,085.46</td>
<td>$1,350,632.77</td>
<td>65%</td>
<td>$1,085,236.99</td>
</tr>
<tr>
<td><strong>TOTAL NORMAL EXPENDITURES:</strong></td>
<td>$14,563,076.41</td>
<td>$6,680,069.22</td>
<td>$1,943,788.03</td>
<td>46%</td>
<td>$7,883,007.19</td>
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<tr>
<td><strong>DEBT SERVICE REQUIREMENT:</strong></td>
<td></td>
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<tr>
<td>SRF Loan Job 97-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Hanapepe River Crossing</td>
<td>$92,478.16</td>
<td>$92,478.16</td>
<td></td>
<td>100%</td>
<td>$ -</td>
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<tr>
<td>SRF Loan Job 97-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hanapepe 27” Steel Pipe</td>
<td>$51,537.88</td>
<td>$51,537.88</td>
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</tr>
<tr>
<td>SRF Loan Job 98-33 WK-21 Wallau Hmtdt Well #3</td>
<td>$29,656.44</td>
<td>$29,656.44</td>
<td>$14,743.46</td>
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<tr>
<td>SRF Loan Job 97-2 PLH-31</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lihue Steel Tanks 1 &amp; 2</td>
<td>$94,475.02</td>
<td>$94,475.02</td>
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<td>100%</td>
<td>$ -</td>
</tr>
<tr>
<td>SRF Loan Job 98-6 WK-07</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ornellas 0.2 MG Tank</td>
<td>$61,111.47</td>
<td>$61,111.47</td>
<td>$30,386.61</td>
<td>100%</td>
<td>$ -</td>
</tr>
<tr>
<td>SRF Loan Job 97-11 WK-03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>16” W/L Along Kuhio Hwy</td>
<td>$173,833.00</td>
<td>$173,833.00</td>
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<td>100%</td>
<td>$ -</td>
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<tr>
<td>DOW Bond 2005 Issue</td>
<td>$108,650.00</td>
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<td>100%</td>
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<tr>
<td>DOW Bond 2005 Series, Partial Refund 2001 Series A</td>
<td>$263,806.25</td>
<td>$263,806.25</td>
<td></td>
<td>100%</td>
<td>$ -</td>
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<tr>
<td>SRF Loan Job 98-2 KP-07 KP-08 16” W/L on Poipu Rd</td>
<td>$388,285.85</td>
<td>$388,285.85</td>
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<td>$ -</td>
</tr>
<tr>
<td>SRF Loan Job WK -42</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PH I Stable 1.0 MG Tank</td>
<td>$587,001.53</td>
<td>$587,001.53</td>
<td>$291,977.41</td>
<td>100%</td>
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<td>SRF Loan Job KW -27</td>
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<tr>
<td>Kaumualii Hwy 12” Main Repl</td>
<td>$320,751.29</td>
<td>$320,751.29</td>
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<td>100%</td>
<td>$ -</td>
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<tr>
<td>SRF Loan Job K -7, LO-13</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Waha, Wawae &amp; Niho Rds</td>
<td>$156,248.96</td>
<td>$156,248.96</td>
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<tr>
<td>DOW Bond Series 2010A</td>
<td>$4,777,552.48</td>
<td>$4,777,552.55</td>
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<td>100%</td>
<td>$ (0.07)</td>
</tr>
<tr>
<td>FmHa $300,000 @5%</td>
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<td></td>
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<tr>
<td>20 year Bond</td>
<td>$18,750.00</td>
<td>$18,750.00</td>
<td></td>
<td>100%</td>
<td>$ -</td>
</tr>
<tr>
<td>SRF Loan Job 94</td>
<td>$314,924.45</td>
<td>$314,924.45</td>
<td></td>
<td>100%</td>
<td>$ -</td>
</tr>
<tr>
<td>Kapilimao 0.5 MG Tank</td>
<td></td>
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<tr>
<td>DOW 2011A</td>
<td>$438,600.00</td>
<td>$438,600.00</td>
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<td>DOW Bond 2012A Issue Series 2005A Refunded</td>
<td>$114,187.50</td>
<td>$114,187.50</td>
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<td>100%</td>
<td>$ -</td>
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<td>SRF Loan Job 97-1</td>
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<td>Kokolau Tunnel Repairs</td>
<td>$122,582.09</td>
<td>$122,582.09</td>
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<td>100%</td>
<td>$ -</td>
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<td>SRF Loan Job 96-4</td>
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<tr>
<td>Kapilimao Valley Well</td>
<td>$66,082.22</td>
<td>$33,233.89</td>
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<td>50%</td>
<td>$32,848.33</td>
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<td>Provision for Additional Debt Service Requirement</td>
<td>$400,000.00</td>
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<td><strong>TOTAL DEBT SERVICE REQ</strong></td>
<td>$8,580,514.59</td>
<td>$8,147,666.33</td>
<td>$337,107.48</td>
<td>95%</td>
<td>$432,848.26</td>
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<tr>
<td><strong>TOTAL SALARIES, NORMAL EXPENDITURES, AND DEBT SERVICE REQUIREMENTS:</strong></td>
<td>$28,799,354.70</td>
<td>$18,043,720.06</td>
<td>$2,708,553.09</td>
<td>63%</td>
<td>$10,755,634.64</td>
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</table>

PROOF | $28,799,354.70 | $18,043,720.06 | $2,708,553.09 | $10,755,634.64 |

2-2014 WU BUDGET STATUS
<table>
<thead>
<tr>
<th>ITEM</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
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<tbody>
<tr>
<td><strong>CAPITAL EXPENDITURES</strong></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Con 579</td>
<td>$ (20,475.00)</td>
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<tr>
<td>Con 568</td>
<td>$ (92,000.00)</td>
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<tr>
<td><strong>101 Capital Improvements</strong></td>
<td>$ 7,207,003.00</td>
<td>$</td>
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<td>0%</td>
<td>$ 7,094,528.00</td>
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<td><strong>101b Capital Rehabilitation</strong></td>
<td>$ 250,410.00</td>
<td>$</td>
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<td>0%</td>
<td>$ 250,410.00</td>
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<tr>
<td>Con 577</td>
<td>$ (10,658.90)</td>
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<tr>
<td>Con 577</td>
<td>$ (73,436.32)</td>
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<tr>
<td>Misc. Other Capital</td>
<td>$ (8,212.47)</td>
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<td><strong>102 Expenditures, OPS</strong></td>
<td>$ 360,000.00</td>
<td>$ 106,520.09</td>
<td>$ 18,466.33</td>
<td>40%</td>
<td>$ 161,172.22</td>
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<td><strong>103 Office and Engineering</strong></td>
<td>$ (5,001.00)</td>
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<td><strong>105 Recording Meters</strong></td>
<td></td>
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<tr>
<td>Con 578</td>
<td>$ (183,197.29)</td>
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<tr>
<td>Con 575</td>
<td>$ (115,000.00)</td>
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<td><strong>106 Vehicles and Equipment</strong></td>
<td>$ 465,000.00</td>
<td>$ 19,270.81</td>
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<td>4%</td>
<td>$ 147,531.90</td>
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<td>Con 580 Job 13-07</td>
<td>$ (59,088.00)</td>
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<td>Settlement Claim-Jennings</td>
<td>$ (175,000.00)</td>
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<td>Con 403 RMTowill Corp</td>
<td>$ (13,800.00)</td>
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<td>Con 557 cancelled 7/10/13</td>
<td>$ 50,015.00</td>
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<td>rounding differences</td>
<td>$ (0.42)</td>
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<td><strong>106b CIP Reserve Fund</strong></td>
<td>$ 12,870,920.08</td>
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<td>$ 12,673,246.66</td>
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<td>Debt Service Reserve</td>
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<td>Emergency Reserve</td>
<td>$ 3,600,000.00</td>
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<td>$ 3,600,000.00</td>
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<td><strong>PAGE 5 SUBTOTALS</strong></td>
<td>$ 26,927,678.68</td>
<td>$ 222,681.15</td>
<td>$ 22,939.89</td>
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<td>$ 26,704,997.53</td>
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<td>ITEM</td>
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<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
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<td>107</td>
<td>Purchase of Meter and Meter Boxes</td>
<td>102,500.00</td>
<td>4,842.24</td>
<td>5%</td>
<td>$97,657.76</td>
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<td>499</td>
<td>Contract #346, Job 97-7 KP-06a Wagner Eng. Replace Lawai Rd. 8&quot; W/L</td>
<td>1,000</td>
<td>-</td>
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<td>$1,000</td>
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<td>540</td>
<td>Contract #368 (103) Century Computers</td>
<td>12,245.67</td>
<td>-</td>
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<td>$12,245.67</td>
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<td>561</td>
<td>Con 384 (101) LO-07 Fukunaga &amp; Assoc. Job 99-8 Drill Omao Well No. 1</td>
<td>79,860.00</td>
<td>-</td>
<td>0%</td>
<td>$79,860.00</td>
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<tr>
<td>586</td>
<td>Con 401 Control Mfg. Co. Job 94-4 SCADA Systems</td>
<td>63,068.49</td>
<td>&quot;FINAL&quot;</td>
<td>99%</td>
<td>$430.62</td>
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<td>587</td>
<td>Con 403 RM Towill Corp WK-28 Job 02-15 Wallau Hspts W/L Repl</td>
<td>13,600.00</td>
<td>42,100.00</td>
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<td>$35,325.00</td>
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<td>588</td>
<td>Con 404 Fukunaga &amp; Assoc. WK-32 Job 02-18 Kapaa Hmstds W/L Repl</td>
<td>51,100.00</td>
<td>5,100.00 $</td>
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<td>10%</td>
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<td>591</td>
<td>Con 408 Wagner Eng. Inc. H-01 H-02 H-03 Job 02-17 Maka Ridge Deepwell, Tank</td>
<td>12,309.00</td>
<td>3,000.00</td>
<td>24%</td>
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<td>601</td>
<td>Con 420 Hawaii Pacific Eng. Job 02-08 HE-08 Elelele Twin 0.4 MG Tanks</td>
<td>&quot;FINAL&quot;</td>
<td>8,326.68 $</td>
<td>8,326.68</td>
<td>100%</td>
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<tr>
<td>607</td>
<td>Con 425 HI Pacific Eng. Job 02-21 PLH-37 Rehab &amp; Deepen Existing Wells</td>
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<td>609</td>
<td>Con 429 Brown Caldwell Job 03-02 HW-02, HW-03 A-04, KW-06 Renovations: Wainiha Booster, Haena Steel Tank, Anahola 0.15 MG Tank, Kekaha Shaft</td>
<td>23,838.45</td>
<td>14,050.14</td>
<td>59%</td>
<td>$9,788.31</td>
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<td>610</td>
<td>Con 429 Esaki Surveying M-01, M-02 Job 02-11 Moloa 50,000 Gal SS Storage Tank</td>
<td>125,200.00</td>
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<td>0%</td>
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<td>634</td>
<td>WK-30 Con 450 ParEn Inc. Job 04-03 Waipouli-Olohe RD Pipeline</td>
<td>28,420.00</td>
<td>15,930.00</td>
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<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
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<tr>
<td>638</td>
<td>11/16/05 (101b, 106b)</td>
<td>PLH-30 Job 05-05 Nawili-wili, Niulamu &amp; Kupolo Main</td>
<td>18,228.00</td>
<td>-</td>
<td>0% $18,228.00</td>
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<tr>
<td>647</td>
<td>06/10/06 (101b)</td>
<td>Con 462 Eng Solutions Inc now Kennedy/Jenks Consultant KW-05 KW-20 Job 04-06 Waimea Well A &amp; Kekaha B</td>
<td>1,447.00</td>
<td>-</td>
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<td>651</td>
<td>9/21/06 (101b)</td>
<td>Con 466 Brown &amp; Caldwell KW-28 Job 06-01 Amfac Shaft Renovation, State Well No.5842-02 Phase 1A</td>
<td>540,235.78</td>
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<td>668</td>
<td>01/14/08 (101)</td>
<td>Con 484 Wagner Eng. Services Job 02-01 Kukuiolono Tank Site Exchange, Kalaeo</td>
<td>5,210.47</td>
<td>-</td>
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<td>694</td>
<td>9/1/2011</td>
<td>Con 538, Esaki Surveying &amp; Mapping, Inc. Job 11-05, As Needed Surveying Services</td>
<td>30,000.00</td>
<td>4,500.00 $2,000.00</td>
<td>15% $25,500.00</td>
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<td>696</td>
<td>9/22/2011</td>
<td>Con 546, SSFM International, Inc Job 11-01, As Needed Construction Management Services</td>
<td>50,000.00</td>
<td>-</td>
<td>0% $50,000.00</td>
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<td>697</td>
<td>11/23/11 BOD</td>
<td>Con 562, Goodfellow Brothers JOB 02-15, WK-28; Wailua Hse- Its Main Replacement</td>
<td>3,822,435.61</td>
<td>3,323,096.81</td>
<td>89% $433,297.00</td>
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<td>699</td>
<td>9/22/2011</td>
<td>Con 555, Lyon Associates Job 11-10, K-18; 8-inch Main Replacement, Halewili Rd, Kalaeo</td>
<td>33,370.49</td>
<td>8,923.99</td>
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<td>700</td>
<td>9/22/2011</td>
<td>Con 545, AECOM Technical SVC Job 11-11, J-17, PLH-42 Water Treatment Facilities</td>
<td>56,213.69</td>
<td>25,980.51</td>
<td>46% $30,233.18</td>
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<td>702</td>
<td>Con 539, Mears Group, Inc. PLH-03, Kahili Directionally Drilled Horizontal Well</td>
<td>1,549,438.00</td>
<td>80,650.00</td>
<td>5% $1,468,788.00</td>
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<td>707</td>
<td>Con 553, Esaki Surveying &amp; Map Job 12-1; H-05, Weke, Anae, Mahimahi and Hee Road; 6&quot; and 8&quot; Main Replacement</td>
<td>115,567.17</td>
<td>-</td>
<td>0% $115,567.17</td>
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<td>709</td>
<td>Con 557, Ohakahana, Job 11-07 HE-03 Hanapepe &amp; Koloa Well MCC Improvements</td>
<td>(50,015.00)</td>
<td>58,761.80</td>
<td>27% $106,367.00</td>
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<td>710</td>
<td>Con 558, R. Electric Job 12-8; Kalepa Back Pressure Valve Replacement</td>
<td>11,602.26</td>
<td>11,602.26</td>
<td>100% $</td>
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<tr>
<td>ITEM</td>
<td>BUDGETED AMOUNT</td>
<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
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</tr>
<tr>
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<td>Con 560, EMA Inc.</td>
<td>221,500.00</td>
<td>188,305.00</td>
<td>$31,495.00</td>
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<td>$33,195.00</td>
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<td><strong>Planning &amp; Implementation</strong></td>
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<td>Con 561, Goodfellow Brothers</td>
<td>904,722.53</td>
<td>703,998.03</td>
<td>$200,724.50</td>
<td>78%</td>
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<td><strong>Job 02-19; WK-12; Main Replacement, Kuhio Hwy, Wailua</strong></td>
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<td>51,150.35</td>
<td>-</td>
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<td><strong>Furnish &amp; Install, reduced Voltage soft starters, Power Factor Correction Capacitors, Surge Protective Devices.</strong></td>
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<td>Con 566, Koga Engineering &amp; Job 04-03, WK-30, Pipeline replacement along Waipouli Rd &amp; Olohe Road</td>
<td>1,281,071.70</td>
<td>1,051,251.95</td>
<td>$475,128.25</td>
<td>82%</td>
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<td><strong>Con 569, Inter Pacific Motors, Inc. (1) 2WD Truck w/Cab &amp; Chassis with Service Body, underdeck</strong></td>
<td>99,160.98</td>
<td>-</td>
<td>0%</td>
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<td><strong>PTO Air Compressor</strong></td>
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<td>Con 570, Glenmount Global Solutions, Inc., SCADA Server System Replacement and Upgrade</td>
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<td>164,234.53</td>
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<td><strong>Con 571, Allied Machinery</strong></td>
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<td><strong>Trailer mounted 125 KVA Emergency Diesel Generator</strong></td>
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<td>291,094.10</td>
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<td>Con 577 Oasis Water Systems</td>
<td>10,658.90</td>
<td>84,095.22</td>
<td>10,416.60</td>
<td>115%</td>
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<td><strong>EP-2013-1 Emergency Replace Pump &amp; Motor Lawai Well #2</strong></td>
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<tr>
<td><strong>8/28/13 (106 + 103)</strong></td>
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<tr>
<td>Con 575 Midpac Auto Center</td>
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<td>120,001.00</td>
<td>-</td>
<td>100%</td>
<td>-</td>
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<tr>
<td><strong>(1) SUV 4Dr 4WD &amp; (2) $WD Extended Cab Pickup Truck</strong></td>
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<tr>
<td>Con 568 Okahara &amp; Associates</td>
<td>92,000.00</td>
<td>-</td>
<td>0%</td>
<td>$92,000.00</td>
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<tr>
<td><strong>Job 12-04; HE-14 Hanapepe Elelele BP Replace</strong></td>
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<tr>
<td>Con 578 HT&amp;T Hawaii, LLC</td>
<td>183,197.29</td>
<td>-</td>
<td>0%</td>
<td>$183,197.29</td>
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<tr>
<td><strong>64,000 lb GVWR Truck Cab and Chassis w' 10 cyd dump body</strong></td>
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<tr>
<td>Con 579 Fukunaga &amp; Associates</td>
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<td>$20,475.00</td>
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<td><strong>Job 13-5; WK-09 Kolo Road Main Replace - Kilauea</strong></td>
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<tr>
<td>Con 580 Okahara &amp; Associates, Inc.; Job 13-07 Koloa Well &quot;D&quot; repairs</td>
<td>59,088.00</td>
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<td><strong>TOTAL CAPITAL EXPENDITURES:</strong></td>
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<td><strong>6,684,750.80</strong></td>
<td><strong>547,079.74</strong></td>
<td><strong>30,881,647.38</strong></td>
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<td>TOTAL SALARIES, NORMAL EXPENDITURES, DEBT REQUIREMENTS AND CAPITAL EXPENDITURES:</td>
<td>$37,566,398.18</td>
<td>$6,684,750.80</td>
<td>$547,079.74</td>
<td>37%</td>
<td>$30,881,647.38</td>
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<tr>
<td></td>
<td>$66,365,752.88</td>
<td>$24,728,470.86</td>
<td>$3,255,632.83</td>
<td></td>
<td>$41,637,282.02</td>
</tr>
</tbody>
</table>
STATEMENT OF REVENUES AND EXPENDITURES
FACILITIES RESERVE CHARGE FUND
February 28, 2014

REVENUES:
Cash on hand as of July 1, 2013  $ 2,663,693.54
Add: Revenues To Date  $ 882,584.89
Sub-Total  $ 3,546,278.43

EXPENDITURES:
Less: Expenditures To Date  $ 2,563,863.00

BALANCE AT THE END OF THE MONTH  $ 982,415.43

SHORT TERM INVESTMENTS-FRC
BANK OF HAWAII
CUSIP# $ -

CENTRAL PACIFIC BANK
CUSIP# $ -

FIRST HAWAIIAN BANK
CUSIP# T30020279 0.12000% INT. DUE 02/14/14  $ 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# 92705SAE3 1.50000% INT. DUE 06/07/13  $ 248,000.00
CUSIP# 063420AX1 1.80000% INT. DUE 09/25/18  $ 249,000.00
CUSIP# 02005Q6M0 1.10000% INT. DUE 09/16/16  $ 248,000.00

TDI (CSA)
CUSIP# $ -

Vining Sparks
CUSIP# $ -

TOTAL SHORT-TERM INVESTMENTS - FRC  $ 1,730,000.00

Cash on with Treasurer - COK 02/28/14  $ 394,925.88
Cash on hand - FHB Savings (30-288435) 02/28/14  $ 1,212,197.14
Due from WU 02/28/14  $ 140,519.41
Due to WU  $ (2,495,227.00)
December Claims paid in December
Less: CLAIMS FOR December 2013  $ (747,584.57)

CASH BALANCE AT THE END OF THE MONTH  $ 982,415.43
### FACILITIES RESERVE CHARGE

<table>
<thead>
<tr>
<th>CASH RECEIPTS</th>
<th>BUDGETED RECEIPTS</th>
<th>ACTUAL RECEIPTS TO DATE</th>
<th>RECEIPTS FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER ACTUAL RECEIPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEGINNING CASH BALANCE</td>
<td>$2,663,693.54</td>
<td>$ -</td>
<td>$ -</td>
<td>0%</td>
<td>$2,663,693.54</td>
</tr>
<tr>
<td>4a Facilities Reserve Charge</td>
<td>$1,500,000.00</td>
<td>$585,600.00</td>
<td>$18,400.00</td>
<td>39%</td>
<td>$914,400.00</td>
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<tr>
<td>5a Interest Earned</td>
<td>$12,000.00</td>
<td>$16,460.37</td>
<td>$1,627.12</td>
<td>137%</td>
<td>$(4,460.37)</td>
</tr>
<tr>
<td>5b BAB Subsidy</td>
<td>$278,253.09</td>
<td>$280,524.52</td>
<td>$140,519.41</td>
<td>101%</td>
<td>$(2,271.43)</td>
</tr>
<tr>
<td><strong>TOTAL RESOURCES</strong></td>
<td><strong>$4,453,946.63</strong></td>
<td><strong>$882,584.89</strong></td>
<td><strong>$160,546.53</strong></td>
<td><strong>20%</strong></td>
<td><strong>$3,571,361.74</strong></td>
</tr>
</tbody>
</table>

### CAPITAL EXPENDITURES

<table>
<thead>
<tr>
<th>CAPITAL EXPENDITURES</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>301 FRC CIP</td>
<td>$150,003.00</td>
<td>$ -</td>
<td>$ -</td>
<td>0%</td>
<td>$150,003.00</td>
</tr>
<tr>
<td>301b FRC Fund Balance</td>
<td>$1,532,886.75</td>
<td>$ -</td>
<td>0%</td>
<td>$1,532,886.75</td>
<td></td>
</tr>
<tr>
<td>301c FRC Debt Service</td>
<td>$2,495,227.21</td>
<td>$2,495,227.00</td>
<td>100%</td>
<td>$0.21</td>
<td></td>
</tr>
<tr>
<td>302 Contract #322 GMP Assoc, Inc. Job 87-1 Poipu Storage Tank</td>
<td>$2,050.00</td>
<td>$ -</td>
<td>$ -</td>
<td>0%</td>
<td>$2,050.00</td>
</tr>
<tr>
<td>304 WK-21 Contract #345 Fukunaga &amp; Assoc. Job 98-33 Wailua Well 3</td>
<td>$10,500.00</td>
<td>$ -</td>
<td>$ -</td>
<td>0%</td>
<td>$10,500.00</td>
</tr>
<tr>
<td>318 Con 457 Kodani &amp; Assoc Inc H-8 HW-12 Job 05-02 Drill &amp; Test Wainiha Well No. 4</td>
<td>$110,905.00</td>
<td>$68,636.00</td>
<td>62%</td>
<td>$42,269.00</td>
<td></td>
</tr>
</tbody>
</table>

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*DEPARTMENT OF WATER*

*County of Kauai*

*JULY 1, 2013 TO JUNE 30, 2014*

*February 28, 2014*

*2-2014 FRC BUDGET STATUS*
<table>
<thead>
<tr>
<th>CAPITAL EXPENDITURES</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/31/08 (301, 301b)</td>
<td>Capaa Hmstds Well</td>
<td>No. 4 Drill &amp; Test</td>
<td>$111,950.00</td>
<td>$ -</td>
</tr>
<tr>
<td>1/28/13 (301)</td>
<td>Esaki Surveying &amp; Mapping, Inc.; Job 12-2, WK-23</td>
<td>UH Experimental Stn 605' Tank</td>
<td>$40,425.00</td>
<td>$ -</td>
</tr>
<tr>
<td>TOTAL EXPENDITURES</td>
<td>$4,453,946.96</td>
<td>$2,563,863.00</td>
<td>$ -</td>
<td>$1,890,083.96</td>
</tr>
</tbody>
</table>
## STATEMENT OF REVENUES AND EXPENDITURES

**BOND - BAB FUND**  
**February 28, 2014**

**REVENUES:**

- Cash on hand as of July 1, 2013  
  $ 23,782,661.67
- Accrued Interest Income at 6/30/13  
  $ 2,247,305.72
- Add: Revenues To Date  
  $ -

**Sub-Total**  
$ 26,029,967.39

**EXPENDITURES:**

- Less: Expenditures To Date  
  $ 1,821,236.52

**BALANCE AT THE END OF THE MONTH**  
$ 24,208,730.87

**SHORT TERM INVESTMENTS - BOND**

**BANK OF HAWAII**

**FIRST HAWAIIAN BANK**

<table>
<thead>
<tr>
<th>CUSIP#</th>
<th>1062140</th>
<th>0.6400%</th>
<th>INT. DUE</th>
<th>12/29/15</th>
<th>$ 21,900,000.00</th>
</tr>
</thead>
</table>

**TOTAL SHORT-TERM INVESTMENTS - BOND**  
$ 21,900,000.00

**CASH ON HAND WITH TREASURER - COK**  
02/28/14  
92,970.25

**BAB Bond Interest Earned with Bond Company**  
10/31/13  
2,247,305.44

**Due from WU**  
10,323.80

**Claims Paid in February 2014**

**LESS CLAIMS FOR February 2014**  
02/28/14  
$(41,868.62)

**BALANCE AT THE END OF THE MONTH**  
$ 24,208,730.87
## DEPARTMENT OF WATER  
County of Kauai  
STATUS OF THE BUDGET  
JULY 1, 2013 TO JUNE 30, 2014  
February 28, 2014

### BUILD AMERICA BONDS (BABs) - FUND  
% Budget Elapsed: 66.67%

<table>
<thead>
<tr>
<th>CASH RECEIPTS:</th>
<th>BUDGETED RECEIPTS</th>
<th>TOTAL ACTUAL RECEIPTS TO DATE</th>
<th>RECEIPTS FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL RECEIPTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEGINNING CASH BALANCE</td>
<td>$ 23,782,661.67</td>
<td>$ -</td>
<td>$ -</td>
<td></td>
<td>$ 23,782,661.67</td>
</tr>
<tr>
<td>Interest Income, Accrued</td>
<td>$ 2,247,305.72</td>
<td>$ -</td>
<td>$ -</td>
<td></td>
<td>$ 2,247,305.72</td>
</tr>
<tr>
<td>Bond Proceeds</td>
<td>$ -</td>
<td>$ -</td>
<td></td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Interest Income, Accrued</td>
<td>$ -</td>
<td>$ -</td>
<td></td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Project Resources</td>
<td>$ 100,000.00</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$ 100,000.00</td>
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<tr>
<td>TOTAL RESOURCES</td>
<td>$ 26,129,967.39</td>
<td>$ -</td>
<td>$ -</td>
<td></td>
<td>0% $ 26,129,967.39</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAPITAL EXPENDITURES:</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Con 427 Belt Collins</td>
<td>$ (2,300.00)</td>
<td>$ -</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Con 428 Brpwn &amp; Caldwell</td>
<td>$ (23,795.00)</td>
<td>$ (0.28)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>201-01 BOND - BAB, CIP</td>
<td>$ 21,419,673.85</td>
<td>$ -</td>
<td></td>
<td>0% $ 21,393,578.57</td>
</tr>
<tr>
<td>State of Hawaii Hwy</td>
<td>$ (603,320.00)</td>
<td>$ -</td>
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<tr>
<td>Encumbered Projects</td>
<td>$ 754,500.00</td>
<td>$ -</td>
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</tr>
<tr>
<td>218 5/11/2010 CON 513</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jennings Pacific, LLC</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Job No. 02-18, WK - 32</td>
<td>$ 57.00</td>
<td>$ 35.00</td>
<td>$ 35.00</td>
<td>61% $ 22.00</td>
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<tr>
<td>Kapaa Hmstds Pipe Repl</td>
<td></td>
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<td></td>
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<tr>
<td>220 6/30/10 CON 516</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Unlimited Builders, LLC</td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>Job No. 03-02, HW-02, Wainiha Booster Pump Stn</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9/30/10 Con 519 (201-01)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fukunaga &amp; Associates</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job # 10-01, Ani-01a</td>
<td>$ 241,960.00</td>
<td>$ 75,360.00</td>
<td>$ 75,360.00</td>
<td>31% $ 166,600.00</td>
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<tr>
<td>Pipeline Repl - Anini RD</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>9/30/10 Con 519 (201-01)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Park Engineering</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job # 10-02, Upsizing of the Kaumualii Hwy. 16&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>222</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL EXPENDITURES</td>
<td>$ 22,725,168.65</td>
<td>$ 376,686.99</td>
<td>$ 35.00</td>
<td>2% $ 22,346,481.66</td>
</tr>
</tbody>
</table>
## BUILD AMERICA BONDS (BABs) - FUND

### % Budget Elapsed: 66.67%

<table>
<thead>
<tr>
<th>CAPITAL EXPENDITURES:</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURES TO DATE</th>
<th>EXPENDITURES FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Con 405 3rd n 4th Amm Kodani &amp; Associates, Inc. Job 02-19, KW-12 Waipouli Main Repl Wailua-Kapa'a</td>
<td>$3,651.28</td>
<td>$1,900.00</td>
<td></td>
<td>52%</td>
<td>$1,751.28</td>
</tr>
<tr>
<td>6/28/11 Con 409 Esaki Surveying &amp; Mapping, Inc.; Job 02-16, WK-36, P/L replace - Wailua</td>
<td>$23,264.35</td>
<td>$-</td>
<td></td>
<td></td>
<td>$23,264.35</td>
</tr>
<tr>
<td>Con 529 (201-01) Oceanic Company, Inc. Job 02-08, HE-08 Rehabilitation of Eleele Twin 0.4 MG Steel Tanks</td>
<td>$433,425.72</td>
<td>$419,657.59</td>
<td>$41,833.62</td>
<td>97%</td>
<td>$13,768.13</td>
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<tr>
<td>Con 440 Kodani &amp; Associates, Inc. Kilaua 1.0 MG Tank and Pipeline, Ph I (fr W/U)</td>
<td>$86,040.20</td>
<td>$57,890.00</td>
<td></td>
<td></td>
<td>$28,150.20</td>
</tr>
<tr>
<td><strong>SUB - TOTAL</strong></td>
<td>$546,381.55</td>
<td>$479,447.59</td>
<td>$41,833.62</td>
<td></td>
<td>$66,933.96</td>
</tr>
<tr>
<td>CAPITAL EXPENDITURES:</td>
<td>BUDGETED AMOUNT</td>
<td>TOTAL ACTUAL EXPENDITURES TO DATE</td>
<td>EXPENDITURE S FOR THE MONTH</td>
<td>%</td>
<td>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</td>
</tr>
<tr>
<td>----------------------</td>
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</tr>
<tr>
<td>Con 530 (201-01)</td>
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<tr>
<td>Earthworks Pacific</td>
<td></td>
<td></td>
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<tr>
<td>Job 02-19, WK-12</td>
<td>$211,787.34</td>
<td>$53,561.04</td>
<td></td>
<td>25%</td>
<td>$158,226.30</td>
</tr>
<tr>
<td>Waipouli Main Replacement</td>
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</tr>
<tr>
<td>Con 427 (201-01)</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Belt Collins Hawaii, Ltd.</td>
<td>$2,300.00</td>
<td>$25,817.34</td>
<td></td>
<td>0%</td>
<td>$28,117.34</td>
</tr>
<tr>
<td>Job 02-14, Kapaa Hmstds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.5 MG Storage Tank &amp; Kapahi 1.0 MG Storg Tank</td>
<td>$25,922.00</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$25,922.00</td>
</tr>
<tr>
<td>Con 427 (201-01)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Belt Collins Hawaii, Ltd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job 02-14, Kapaa Hmstds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.5 MG Storage Tank &amp; Kapahi 1.0 MG Storg Tank</td>
<td>$25,922.00</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$25,922.00</td>
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<tr>
<td>Con 533 (201-01)</td>
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<tr>
<td>Belt Collins Hawaii, Ltd.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job K-01, K-12, Kalaeo 1111’ and 1222’ Water System Improvements</td>
<td>$412,148.82</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$412,148.82</td>
</tr>
<tr>
<td>Job 10-02, MOA Dept of Transportation/Kiewit-Kaumualii Hwy widening, Anonui Rd and Lihue Mill Bridge.</td>
<td>$151,027.27</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$151,027.27</td>
</tr>
<tr>
<td>6/28/2011 (201-01) Con 536, Esaki Surveying &amp; Mapping, Inc., Job 11-02, PLH-01a Replace Grove Farm Tanks #1 &amp; #2</td>
<td>$198,023.00</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$198,023.00</td>
</tr>
<tr>
<td>Con 544, HONUA Engineering, Job 11-04 (L-08, L-10) Water Main Replacement &amp; Service Improvement</td>
<td>$29,654.95</td>
<td>$ -</td>
<td></td>
<td>0%</td>
<td>$29,654.95</td>
</tr>
<tr>
<td>6/28/11 Con 512 - Architects Hawaii, Ltd., Job No. PLH-39; Lihue Baseyard Improvements for DOW</td>
<td>$1,542.70</td>
<td>$1,466.25</td>
<td></td>
<td>95%</td>
<td>$76.45</td>
</tr>
</tbody>
</table>
### Capital Expenditures: BUILD AMERICA BONDS (BABs) - FUND

<table>
<thead>
<tr>
<th>CAPITAL EXPENDITURES:</th>
<th>BUDGETED AMOUNT</th>
<th>TOTAL ACTUAL EXPENDITURE S TO DATE</th>
<th>EXPENDITURE S FOR THE MONTH</th>
<th>%</th>
<th>BALANCE OF BUDGET OVER TOTAL ACTUAL EXPENDITURES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Con 542, (201-01)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MEI Corporation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job 02-17, H-01, H-02, H-03</td>
<td>$686,705.12</td>
<td>$276,328.78</td>
<td>40%</td>
<td>$410,376.34</td>
<td></td>
</tr>
<tr>
<td>Maka Ridge Facilities Rehab &amp; Princeville Interconnection Plan</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Con 543, (201-01)</td>
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<td></td>
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<tr>
<td>Oceaneit Laboratories, Inc.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job 11-03, M-03</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land &amp; Well Acquisition, Moloa and Waimea, Kauai</td>
<td>$75,615.00</td>
<td>$5,520.00</td>
<td>7%</td>
<td>$70,095.00</td>
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<tr>
<td>Con 457, (201-01)</td>
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</tr>
<tr>
<td>Kodani &amp; Associates Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Job 05-02, H-8, HW-12</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Drill &amp; Test Hanalei Well #2 &amp; Wainiha Well #4</td>
<td>$32,430.00</td>
<td>-</td>
<td>0%</td>
<td>$32,430.00</td>
<td></td>
</tr>
<tr>
<td>Contract 550 (201-01)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Honua Engineering, Inc.</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Job 11-06, WK-01</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Con 551, (201-01)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Esaki Surveying &amp; Mapping, Inc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job K-05A, Kukuiolono 0.5 MG</td>
<td>$202,766.65</td>
<td>-</td>
<td>0%</td>
<td>$202,766.65</td>
<td></td>
</tr>
<tr>
<td>Con 429, Esaki Surveying &amp; Mapping, Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Job 02-11, M-02, 100,000 Gal.</td>
<td>$94,222.00</td>
<td>-</td>
<td>0%</td>
<td>$94,222.00</td>
<td></td>
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<tr>
<td>Tank &amp; Pipeline, Moloa</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/28/13 (201-01)</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Con 428 Brown &amp; Caldwell</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Job 03-02 Wainiha Pump Stn + Haena Steel Tank HW-02+03</td>
<td>$23,795.00</td>
<td>$22,905.87</td>
<td>$889.13</td>
<td></td>
<td></td>
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<tr>
<td>UA#2155 State of Hawaii</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Job 10-02, MOA Dept of Transportation/Kiewit-Kaumualii Hwy Improvements, Lihue Mill Bridge to Rice Street.</td>
<td>$603,320.00</td>
<td>$603,320.00</td>
<td>$</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL EXPENDITURES</td>
<td>$26,129,967.39</td>
<td>$1,821,236.52</td>
<td>$41,868.62</td>
<td>$24,308,730.87</td>
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2-2014 BAB BUDGET STATUS
Page 5
### FY 2012, FY 2013, FY 2014

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>$1,724,579</td>
<td>$2,346,892</td>
<td>$2,389,827</td>
<td>$42,935</td>
<td>1.83%</td>
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<td>August</td>
<td>$3,660,136</td>
<td>$4,399,666</td>
<td>$4,918,306</td>
<td>$518,640</td>
<td>11.79%</td>
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<td>September</td>
<td>$5,753,515</td>
<td>$6,828,224</td>
<td>$7,671,889</td>
<td>$843,665</td>
<td>12.36%</td>
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<tr>
<td>October</td>
<td>$7,408,261</td>
<td>$9,056,386</td>
<td>$9,818,946</td>
<td>$762,560</td>
<td>8.42%</td>
</tr>
<tr>
<td>November</td>
<td>$9,166,600</td>
<td>$11,423,911</td>
<td>$12,376,080</td>
<td>$952,169</td>
<td>8.33%</td>
</tr>
<tr>
<td>December</td>
<td>$10,693,795</td>
<td>$13,338,790</td>
<td>$14,285,570</td>
<td>$946,779</td>
<td>7.10%</td>
</tr>
<tr>
<td>January</td>
<td>$12,400,040</td>
<td>$16,163,728</td>
<td>$16,437,541</td>
<td>$273,813</td>
<td>1.69%</td>
</tr>
<tr>
<td>February</td>
<td>$13,853,766</td>
<td>$18,406,878</td>
<td>$18,303,539</td>
<td>$(103,339)</td>
<td>-0.56%</td>
</tr>
<tr>
<td>March</td>
<td>$15,531,367</td>
<td>$20,193,748</td>
<td>$20,061,637</td>
<td>$(132,112)</td>
<td>-0.65%</td>
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</tbody>
</table>

**Note:** AFS error in billing AJE $288,133

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### BILLED REVENUES COMPARATIVE REPORT

**As OF MARCH, FY 2012, 2013 & 2014**

### BILLED REVENUES COMPARATIVE CHART

*As of March, FY 2012, 2013 & 2014*
## CASH RECEIPTS COMPARATIVE REPORT
*AS OF MARCH, FY 2012, 2013 & 2014*

<table>
<thead>
<tr>
<th></th>
<th>FY 2012</th>
<th>FY 2013</th>
<th>FY 2014</th>
<th>Cum. Inc (Dec)</th>
<th>% of Inc (Dec)</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>$1,564,012</td>
<td>$1,964,915</td>
<td>$2,594,170</td>
<td>$629,255</td>
<td>32%</td>
</tr>
<tr>
<td>August</td>
<td>$3,564,618</td>
<td>$4,275,571</td>
<td>$5,157,089</td>
<td>$881,518</td>
<td>21%</td>
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<tr>
<td>September</td>
<td>$5,250,808</td>
<td>$6,370,743</td>
<td>$7,551,679</td>
<td>$1,180,934</td>
<td>19%</td>
</tr>
<tr>
<td>October</td>
<td>$7,221,874</td>
<td>$9,006,500</td>
<td>$10,458,869</td>
<td>$1,452,369</td>
<td>16%</td>
</tr>
<tr>
<td>November</td>
<td>$8,905,488</td>
<td>$11,197,586</td>
<td>$12,235,628</td>
<td>$1,038,042</td>
<td>9%</td>
</tr>
<tr>
<td>December</td>
<td>$10,706,608</td>
<td>$13,332,029</td>
<td>$14,412,589</td>
<td>$1,080,560</td>
<td>8%</td>
</tr>
<tr>
<td>January</td>
<td>$12,254,208</td>
<td>$15,496,524</td>
<td>$16,359,772</td>
<td>$863,248</td>
<td>6%</td>
</tr>
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<td>February</td>
<td>$13,957,587</td>
<td>$17,978,954</td>
<td>$17,959,523</td>
<td>$(19,431)</td>
<td>0%</td>
</tr>
<tr>
<td>March</td>
<td>$15,532,851</td>
<td>$20,124,259</td>
<td>$20,040,053</td>
<td>$(84,206)</td>
<td>0%</td>
</tr>
</tbody>
</table>

### Cash Receipts Comparative Chart

*As of March, FY 2012, 2013 & 2014*
## METERED CONSUMPTION (000 GALLONS) COMPARATIVE REPORT

### AS OF MARCH, FY 2012, 2013 & 2014

(expressed in thousands)

<table>
<thead>
<tr>
<th>Month</th>
<th>FY 2012</th>
<th>FY 2013</th>
<th>FY 2014</th>
<th>CUM. INC (DEC)</th>
</tr>
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<tbody>
<tr>
<td>July</td>
<td>349,500</td>
<td>436,238</td>
<td>391,161</td>
<td>-45,077</td>
</tr>
<tr>
<td>August</td>
<td>748,067</td>
<td>797,837</td>
<td>774,839</td>
<td>-22,998</td>
</tr>
<tr>
<td>September</td>
<td>1,172,622</td>
<td>1,213,013</td>
<td>1,191,526</td>
<td>-21,487</td>
</tr>
<tr>
<td>October</td>
<td>1,507,452</td>
<td>1,597,947</td>
<td>1,520,781</td>
<td>-77,166</td>
</tr>
<tr>
<td>November</td>
<td>1,857,997</td>
<td>1,996,810</td>
<td>1,865,830</td>
<td>-130,980</td>
</tr>
<tr>
<td>December</td>
<td>2,164,504</td>
<td>2,302,086</td>
<td>2,154,495</td>
<td>-147,591</td>
</tr>
<tr>
<td>January</td>
<td>2,505,086</td>
<td>2,755,898</td>
<td>2,472,004</td>
<td>-283,894</td>
</tr>
<tr>
<td>February</td>
<td>2,790,363</td>
<td>3,122,872</td>
<td>2,758,049</td>
<td>-364,823</td>
</tr>
<tr>
<td>March</td>
<td>3,100,600</td>
<td>3,446,231</td>
<td>3,019,916</td>
<td>-426,315</td>
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</tbody>
</table>

**AFS error in billing AJE**

288,133                           288,133

Adjustment

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### WATER CONSUMPTION COMPARATIVE CHART

As of March, FY 2012, 2013 & 2014

- **FY 2012**
- **FY 2013**
- **FY 2014**
PR SPECIALIST REPORT
April 24, 2014

Press Releases:
• Released April 1, 2014 (Water outage scheduled for Kapaa area Thursday) – The Department announced a scheduled water outage for customers along Ulu, Koa, Mamane and Ohia streets on Thursday, April 3rd, from 9 a.m. to 9 p.m. The shutdown allowed the Department to replace an old defective hydrant and appurtenance, and make needed distribution line repairs.
• Released April 8, 2014 (Waimea water outage set for April 9th) – The Department announced a scheduled water outage for customers along Menehune Road, Gay Road and Menehune Place on Wednesday, April 9th, from 9 a.m. to 2 p.m. The shutdown allowed the Department to upgrade its existing system.

The Garden Island:
• Published March 24, 2014 (DOW proposes suspending well project) – Article written by Tom Hasslinger (see attached).
• Published March 28, 2014 (‘Just drop it’ – and DOW does) – Article written by Chris D’Angelo (see attached).
• Published April 10, 2014 (Right decision on well project) – Letter to Editor written by Anne Punohu (see attached).

The Associated Press (AP):
• Published March 28, 2014 (Board suspends $1.9M contract for Kauai well) – Article picked up by AP (see attached).

Project WET for Source Water Protection Education Grant:
Submitted DOW’s Quarter 2 Report on April 10, 2014. Met with DOH State Project Manager Dan Chang on April 16, 2014, gave an update and presented a final curriculum outline for review. Chose a tentative week for summer teacher training workshops (July 21-26, 2014). Made initial contact with representatives of Oahu, Maui and Hawaii County Board of Water Supplies. Requested their support with future workshops and inquired about conducting their island’s own Make-a-Splash (MAS) festival in 2015. Made initial contact with the Project WET foundation, and discussed with other Project WET facilitators about Project WET workshop presentation strategies.

Kauai Make-a-Splash with Project WET Water Festival:
Confirmed date with Stafford Soto, reserving the Pua Loke Arboretum for Thursday, September 18, 2014. Received approval from Complex Area Superintendent Bill Arakaki to contact Kauai teachers regarding this year’s MAS festival.
Miscellaneous:

- Employee Council (EC) – Attended EC’s monthly meeting and appreciation luncheon on April 17, 2014.
- Earth Day at PMRF’s Child Development Center – Gave a presentation with Rena Horikawa to 16 Pre-K students on April 21, 2014, and provided goodie bags. Mahalo to Rena for also donating bubbles and cookies for the students.
- Koloa Elementary School Career Day – Gave a presentation with Sandi Nadatani-Mendez on April 23, 2014, and provided goodie bags to students. Also played a trivia game and gave water bottles to the winners.
- KIFB Spring Food Drive DOW Coordinator – The Department’s food drive continues until April 29, 2014, with internal employee incentives.
- 36th Annual Visitor Industry Charity Walk DOW Coordinator – Employees and volunteers are invited to participate in this year’s Charity Walk on May 17, 2014.
- Pipe Tapping Competition 2014 – Designed and ordered Kauai’s team shirts and duffel bags.

Respectfully submitted,

[Signature]

Kim Tamaoka
Public Relations Specialist

Attachments:  
TGI 3-24-14 (DOW proposes suspending well project)  
TGI 3-28-14 (‘Just drop it’ – and DOW does)  
TGI 4-10-14 (Right decision on well project)  
AP 3-28-14 (Board suspends $1.9M contract for Kauai well)
DOW proposes suspending well project

LIHUE — The Kauai County Department of Water is recommending the county suspend its proposed Kahili Horizontal Directional Drilled Well project.

In a letter submitted to the Board of Water Supply, Keith Aoki, project manager and engineer, said DOW is too short staffed to pull off the undertaking and it’s unsure whether the project would yield the results that would make moving forward a no-brainer.

“The Department is short staffed and does not have the staffing to effectively complete this project, in addition to the other projects that need to be done,” wrote Aoki in the letter also signed by Kirk Saiki, acting manager and chief engineer, requesting the county hold off on the project indefinitely.

The letter also says that it’s possible the well wouldn’t save as much money as an earlier cost-savings analysis predicted.

“It is possible that the well may have a better cost benefit than the study suggests and conversely, the well may turn out to have a negative cost benefit than other alternatives,” Aoki wrote.

The letter doesn’t mention the controversy that’s surrounded the proposed project as a reason for possibly shelving it.

The estimated $60 million project proposes drilling a 12,000-foot-long, high-elevation well in one of four locations near Mount Kahili. DOW has said previously the project would allow the department to access high-level water, and that the cost of doing so would be made up in savings over the next 25 years.

But neighbors have been very vocal in their opposition to any drilling. In January, a group of about 100 residents yelled and spoke out against the project so feverishly, it forced organizers to shut down an informational meeting in Kapaa early.

Mears Group, Inc. out of Houston was awarded a $1.9 million contract for phase 1 work, including helping prepare the cost-study analysis for the project.

The company’s engineering manager, Jim Williams, said in letter that the group was disappointed in the department’s recommendation. The department should continue moving forward and not focus on a vocal minority, he said.
The DOW “should continue the democratic process and allow public review of the project,” Williams wrote. “Thus far, public meetings have been dominated by fringe members of the public who stage public tantrums and rely on intimidation and disruption to achieve their goals.”

Williams recommended DOW complete the water resource study as well as prepare a technical feasibility study for more information before deciding on the well’s fate.

Mears’ cost-analysis study said DOW could save $1 million a year with a completed well. DOW, however, said that study was the best-case outcome, and that by keeping other water sources open, savings could dip to $500,000 a year.

“It will be difficult to start the project again and many years will have been lost,” Williams wrote about suspending the project. “KDOW will have to start from the beginning.”

Mears has billed $531,212 out of the phase 1 contract, leaving about $1.3 million worth of work. Just over 27 percent of the work has been complete. DOW would be assessed a termination fee should it break the contract, according to Mears, but that amount wasn’t available Sunday.

DOW, which couldn’t be reached Sunday, didn’t specify in its letter how many workers it has, or how many more it would need to make the project more manageable. It said the department has been short staffed for years and recently lost an engineer for non-work related reasons.

DOW’s recommendation to adopt the cost-analysis study but suspend the project will go before the county’s Board of Water Supply at 10 a.m. Thursday at DOW’s building, 4398 Pua Loke Street in Lihue.

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7 comments:

• **JP** posted at 7:57 am on Tue, Mar 25, 2014.

  This is not Dow the agricultural company. This is DOW as in The County of Kauai, Department of Water. The $500,000 plus already spent and the termination fee is all YOUR tax dollars and water fees WASTED!!!! You paid for it.....

  • [Log In to report](#)
  • [Link](#)

• **Eagle 6** posted at 4:44 pm on Mon, Mar 24, 2014.
How much is the "termination fee"? If you don’t respond to how many employees you have, your the first fat that needs trimming.

- Log In to report.
- Link

**Eagle 6** posted at 4:37 pm on Mon, Mar 24, 2014.

The meeting at the Middle School is an example of how not to do things. However, what in the world was the need for water drilling?

- Log In to report.
- Link

**dsurf** posted at 3:36 pm on Mon, Mar 24, 2014.

Love to see Mega Agriculture not get their big money, careless about the environment way. Environment talks, big money walks. It is good to see the environment win. Preserve our precious geological water reserves as the islands were made to do. If rain can't provide enough water, can't plant all that. At least not in the islands, the environment is respected here.

- Log In to report.
- Link

**UncleAina** posted at 12:36 pm on Mon, Mar 24, 2014.

How surprising that a guy from Texas who stands to make a fat check from this multimillion dollar project is a little bumbled. Perhaps he doesn't realize this project would've saddled each household on Kauai with the $3000 debt. If we're to spend that kind of money there's a lot more pressing needs.

- Log In to report.
- Link

**BionicDread** posted at 8:38 am on Mon, Mar 24, 2014.

How 'bout this, DOW.....Suspend the well project because you're not gonna be here much longer.

- Log In to report.
rakelashanti posted at 4:34 am on Mon, Mar 24, 2014.

Dow insulting the residents, corporations calling neighbors "fringe". This is the corporate dictatorship of America. Don't go to sleep citizens.

- Log In to report.
- Link
LIHUE — The Kauai Board of Water Supply voted Thursday to suspend the Department of Water’s controversial Kahili Horizontal Directional Drilled Well Project.

“Just drop it,” said North Shore resident F.J. Bender, one of only two who testified during the meeting. “Forget it!”

The decision came exactly two months after an aggressive crowd of more than 100 people took over an informational meeting on the proposal, forcing DOW officials to shut it down before even starting their presentation.

Bender testified that the project was not popular from the get-go because it had a very basic flaw.

“From the beginning, all your work is based at its foundation on a bad idea,” he said. “Like not paving cane haul roads or limiting the barking of dogs to 10 minutes.”

He suggested that the board drop the project right away, and instead use its “limited time and energy to something that adds to the island rather than taking from the heart of it.”

The board ultimately voted 4-2 to suspend its $1.9 million contract with Mears Group, Inc., which was approximately 27 percent complete with phase 1 of the project. Board members Ray McCormick and Larry Dill cast the two dissenting votes.

In a recent letter submitted to the board, DOW Project Manager and Engineer Keith Aoki said the department was too short staffed and there was too much uncertainty about the results and monetary savings to justify moving forward.

“There is risk involved with this project, as with all vertical wells,” he wrote. “The actual yield is not known until you actually drill the well and test it.”

The estimated $60 million project proposed drilling a 12,000-foot-long, high-elevation well in one of four locations near Mount Kahili, on Kauai’s Eastside. In previous meetings, the DOW said the well would have allowed the department to access clean, high-level water at its source, and that the cost of doing so would be made up in savings over the next 25 years.

Board member Michael Dahilig said he supported shelving the proposal because resources within the
department are "extremely strained," and that projects like the horizontal well require a lot of elbow grease and community development support.

"I would rather that staff, instead of spending time on these very expansive, far-reaching projects, focus their efforts on quickly and successfully putting expansion projects in the ground so that we can actually pay down our debt," he said. "Which we are having an extremely difficult time doing right now."

McCormick said he felt it made more sense to see the contract through to its conclusion so that questions could be answered. A draft Environmental Impact Statement would shine light on whether the project would have negative impacts on the environment and cultural practices, as some community members have claimed it would, he said.

"It doesn’t seem like you’ve finished it and you’re stopping," McCormick said. "And I don’t know what a suspension means other than you’re just killing the thing."

Approximately $530,000 of the $1.9 million contract has already been paid to Mears Group. The final amount paid, however, may change.

DOW spokeswoman Kim Tamaoka said the department would notify the consultant about the cancellation and the contractor would submit a closing cost with the DOW's acting manager and chief engineer.

“We won’t know the actual cost until a final invoice is agree up,” she wrote in an email. “However, we anticipate this process to go fairly quickly.”

Never during Thursday’s meeting did the board or department officials indicate that community outrage over the proposal was a cause for its suspension.

In a March 7 letter, however, Jim Williams of the Mears Group put his feelings bluntly, saying that public meetings have been “dominated by fringe members of the public who stage public tantrums and rely on intimidation an disruption to achieve their goals.”

“Written comments to the EIS Preparation Notice demonstrate that there is a range of opinions on the project, including support,” he wrote. “If KDOW terminates the project based solely on public meetings, this circumvents full public review of the project.”

Williams could not be reached by phone Thursday.

While DOW says the project could be pursued at a later time, Williams said it would be difficult, with many years of work lost.

“Most, if not all, of the previous effort will be wasted,” he wrote in his letter.

• Chris D’Angelo, environmental reporter, can be reached at 245-0441 or cdangelo@thegardenisland.com .

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Right decision on well project

Mahalo to Keith Aoki. Why? Because this gentleman gave me the courtesy of reading my communications and taking them seriously in regards to the Horizontal Well Drilling Project, and for his courtesy I would like to publicly thank him.

I enjoyed the opportunity to speak at the DOW meeting two weeks ago and was very pleased with the cordial atmosphere.

I was even more pleased that cultural considerations were taken in as a factor and logic and reason prevailed. I am also extremely pleased that the project was suspended.

This time, things did work out for the best.

Sometimes on Kauai, we do get it right.

Anne Punohu

Kapaa
BOARD SUSPENDS $1.9M CONTRACT FOR KAUAI WELL

LIHUE, Hawaii (AP) -- The Kauai Board of Water Supply voted to suspend a $1.9 million contract for a drilled well project.

The board voted Thursday to suspend the Kahili Horizontal Directional Drilled Well Project, even though the first phase is already underway.

The Department of Water said the department is too short-staffed and there’s too much uncertainty about monetary savings to justify moving forward. The department previously said the estimated $60 million project to drill a 12,000-foot-long, high-elevation well would allow access to clean, high-level water at its source.

"There is risk involved with this project, as with all vertical wells," wrote Keith Aoki, department project manager and engineer, in a letter to the board. "The actual yield is not known until you actually drill the well and test it."

The decision comes two months after an aggressive crowd of more than 100 people took over an informational meeting on the proposal, prompting officials to shut it down before the presentation began, The Garden Island (HTTP://OW.LY/V8NHA ) reported.

About $530,000 of the contract has already been paid to Mears Group, Inc. Department spokeswoman Kim Tamaoka said the department would notify the consultant about the cancellation and the contractor would submit a closing cost.

A March 7 letter from Jim Williams of the Mears Group said the public meetings have been "dominated by fringe members of the public who stage public tantrums and rely on intimidation and disruption to achieve their goals."

Board member Michael Dahilig said he supported shelving the proposal because of strained resources and because such projects require a lot of community development support.

Ray McCormick was one of two dissenting votes. He said it makes more sense to see the contract through to its conclusion so that questions can be answered. An environmental impact study would determine whether the project has the negative impacts some in the community claim, he said.

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Information from: The Garden Island, HTTP://THEGARDENISLAND.COM/
Operations Division Report for the Month of March 2014

Personnel

- Congratulations to Peter Sapinoso, our Employee of the Year for 2013.
- Congratulations to Selwyn Rita who was promoted from Pipefitter Helper to Pipefitter.
- Congratulations to Ryan Smith who was promoted from Water Plants Superintendent to Assistant Chief of Operations.

Source and Storage

- Repair dump to waste box at Lawai Pumphouse.
- Continue cleaning of various remote facilities island-wide.
- Performed routine inspection and maintenance at all sites including valve maintenance, piping repair and replacement, chlorination equipment maintenance, and mixing of sodium hypochlorite.
- Performed routine electrical maintenance at all sites including SCADA radio troubleshooting, electrical wiring for motor controls, lighting repair and replacement.

Distribution

- Operations Division Field Section crews continue to perform routine leak repair of service laterals and mainlines.
- Operations Division personnel performed 3 live taps to connect new service laterals.
- Field Section personnel went door-to-door to notify customers of contractor
- Thirty (30) water meters were issued for new installations and replacement requests.
- East crew continues to replace deteriorated 2” distribution line on Hehi Road, Hanamaulu. As of March 31, 2014, 760 feet have been replaced.

Fleet, Inventory, Warehouse and Baseyard Area

- We received a total of 41 calls from customers reporting leaks on the mainline, service laterals, meters, meter boxes and fire hydrants including 1 called-in complaint of no water and 1 call to report a hydrant hit by a vehicle.
- For the month of March, a total of two hundred twenty two (222) work orders were issued for Operations Division. Works included: electrical repairs and maintenance; 47 of the work orders are automotive repairs and maintenance including power generator maintenance; water meter installation and replacement; service lateral installations; leak repairs; well, tank site and PRV maintenance; replace damaged meter boxes; replace damaged or leaking hydrant; door-to-door customer notifications for tie-ins of new lines to existing lines; callouts due to customer complaints/reports.
- Of the 161 Work Orders issued in February, 115 were completed.
• For the month of March 2014, thirty eight (38) Hawaii One Call requests for markings were received and completed.

**Standby and Overtime Cost Comparison**

• Tabulated below is the dollar value for the implementation of weeklong standby duty as compared with overtime costs. Previously, Operations Division personnel have been performing standby duty on weekends and holidays only. The Division implemented weeklong standby duty for Field Operations personnel effective July 1, 2013. For this report, costs are compared for July 1st through February 28, 2013 of Fiscal Year 2013 with the same time period in Fiscal Year 2014.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Overtime ($)</td>
<td>189,536.24</td>
<td>149,480.58</td>
<td>40,055.66</td>
</tr>
<tr>
<td>Standby ($)</td>
<td>35,362.02</td>
<td>76,917.78</td>
<td>-41,555.76</td>
</tr>
</tbody>
</table>

For the eight (8) month period compared since we implemented weeklong standby, the net value is a $1,500.10 cost increase or an average monthly cost increase of $187.51. Based on the data collected so far, the projected net value of the weeklong standby is an annual cost increase of $2,250.

Note that standby duty is not intended to reduce overtime costs. The intent is to stabilize overtime hours by having personnel available when an emergency arises to minimize the chances of a preventable crisis. Also, weeklong standby duty was implemented for better response time while compensating our personnel in accordance with the collective bargaining agreement for making themselves available when needed.

Please note also that intangibles that are not readily quantifiable were not included in the comparison. Rotating standby schedules allow personnel to plan ahead and help minimize employee burnout. Having a crew available in case of an emergency after regular work hours provides peace of mind for the supervisor responsible for assembling the necessary personnel. Savings in the form of reduced water loss from leaks due to better response time is not included as well.

Respectfully submitted,

Valentino P. Reyna  
Chief, Operations Division

VPR/ein

Attachments: Overtime Chart  
Leak Report Chart

Mgrp/April 2014/Operations Division Report for the Month of March 2014 (4-24-14):ein
### Work Orders by Job Reason Code for Selected Date Range

**Date Range:** 04/01/2013 to 04/30/2014

<table>
<thead>
<tr>
<th># of W/O’s</th>
<th>Job Reason Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>LEAK-BOX</td>
<td>Meter Box Leak Repair</td>
</tr>
<tr>
<td>3</td>
<td>LEAK-CUST</td>
<td>Customer-Side Leak Repair</td>
</tr>
<tr>
<td>77</td>
<td>LEAK-MAIN</td>
<td>Mainline Leak Repair</td>
</tr>
<tr>
<td>101</td>
<td>LEAK-S/L</td>
<td>Service Lateral Leak Repair</td>
</tr>
</tbody>
</table>

#### Work Orders by Job Reason Code

- **LEAK-BOX:** 15 (7.7%)
- **LEAK-CUST:** 3 (1.5%)
- **LEAK-MAIN:** 77 (39.3%)
- **LEAK-S/L:** 101 (51.5%)

Total: 100.0%

#### Number of Leak Repairs per Month

![Chart showing number of leak repairs per month](chart_image)
MANAGER’S UPDATE

April 24, 2014

MANAGER’S UPDATE for April 2014

Manager’s Reports Updates:

Re: MANAGER’S REPORT No. 14-28
February 27, 2014 Regular Board Meeting

Re: Agreement to Allow Mr. Michael Fernandes to resume his Volunteer Services by maintaining the Department’s (inactive) Nonou 0.2 MG Tank Site, Wailua, Kaua‘i

The Board approved executing the agreement with Mr. Michael Fernandes subject to the following:
1) subject to due diligence on the Homeland security issue
2) if there are Homeland Security issues, based on the agreement either party can terminate at any time and
3) for the Department to follow up on security issues and a background check on Mr. Fernandes

Note: Recommendations through the American Water Works Association could be addressed and reviewed if recommendations were accepted by the county (re: Homeland Security laws relating to county water).

Manager’s Response: The Department checked with Mr. Richard Mitchem, Protective Security Advisor, of the Protective Security Coordination Division for the US Department of Homeland Security about security requirements for potable water facilities. Mr. Mitchem informed the Department that there are no established rules or guidelines set by the Department of Homeland Security for the security of potable water facilities. The Department of Homeland Security suggested that for a volunteer contract a background check should be sufficient. The Department contacted DPS to perform the background check on Mr. Fernandez. The Department has not heard back from DPS.

CONTRACTS AWARDED/EXTENSION/AMENDMENTS:

(1) RE: Revised 1st Amendment time extension to March 23, 2014 for Contract No. 557 to Okahara and Associates, Inc. for Job No. 11-07, WP 2020 #KP-09, Kōloa Wells 16A & 16B Well, Site and building improvements, Kōloa, Kaua‘i, Hawai‘i with no additional funding (originally given to the Board in January 2014)

FUNDING:
NO ADDITIONAL FUNDS REQUESTED

Account No. 101b/101, CRP/CIP

<table>
<thead>
<tr>
<th>Account No. 101b CRP Fund Budget</th>
<th>$300,000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract: Okahara and Associates, Inc. (Account No. 101 CIP)</td>
<td>$181,447.00</td>
</tr>
<tr>
<td>Total Funds Certified for Contract</td>
<td>$181,447.00 &lt;$181,447.00&gt;</td>
</tr>
</tbody>
</table>
First Amendment to Contract 557:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Extension</td>
<td>$0.00</td>
</tr>
<tr>
<td><strong>Total for First Amendment</strong></td>
<td><strong>$0.00</strong></td>
</tr>
<tr>
<td>Total Fund Balance for Account No. 101b CRP</td>
<td>$118,553.00</td>
</tr>
</tbody>
</table>

BACKGROUND:
The MCC and Chlorination Facilities at Koloa Well 16-A, E, & 16B are currently in need of improvements and partially dilapidated. Additionally, Well 16B needs a new pump and modified discharge piping. This project will serve to alleviate those issues.

Due to unanticipated delays in the preparation of preliminary engineering design and agency review of construction drawings caused the work to proceed at a pace slower than originally planned, resulting in the contract work extending beyond the contractual limit. In addition, the DOW needs the Contractor to amend the services during construction.

It is the DOW staff’s opinion that Okahara and Associates, Inc. has made substantial/sufficient progress to the project. We recommend approval for the project completion date to be extended to March 23, 2014 May 30, 2014 and Amendment to Contract No. 557.

(2) RE: Contract No. 581 awarded to Oasis Water Systems, Inc. for an emergency procurement for the Kalāheo Well No. 1 repair in the amount of $85,000.00

FUNDING:

<table>
<thead>
<tr>
<th>Account No. 106b, CIP Reserve Fund</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account No. 106b Reserve Fund</td>
<td>$12,623,232.00</td>
</tr>
<tr>
<td>Contract No. 581: Oasis Water Systems, Inc.</td>
<td>$29,383.77</td>
</tr>
<tr>
<td>5% Contingency</td>
<td>$1,469.19</td>
</tr>
<tr>
<td>Emergency Contingency for Kalāheo Well Repair</td>
<td>$54,147.04</td>
</tr>
<tr>
<td><strong>Total Funds Certified</strong></td>
<td><strong>$85,000.00</strong></td>
</tr>
<tr>
<td></td>
<td>($85,000.00)</td>
</tr>
<tr>
<td><strong>Total Funding Balance</strong></td>
<td><strong>$12,538,232.00</strong></td>
</tr>
</tbody>
</table>

BACKGROUND:
It was determined by our staff on or about January 29, 2014, that the Kalāheo Deepwell #1 is inoperable due to a suspected broken shaft. It is necessary to immediately remove the submersible pump/motor assembly from the well to investigate and inspect the extent of damage, purchase replacement parts and reinstall the pump/motor assembly. The contractor is to remove the deepwell pump assembly unit consisting of: 870+ feet of 8” diameter pipe column, 350HP vertical hollow shaft motor, 1-1/4” brass airline & 1-1/4” PVC sounding tubes; 1-15/16” diameter stainless steel shaft; an 11” diameter 19 stage Peerless pump bowl assembly with strainer; and stainless steel shaft couplings and sleeves. The contractor is to furnish the replacement parts and reinstall the unit.

During construction, the contractor shall inspect the piping and all appurtenances for damage and recommend or replacement to the Department since the extent of damage due to the suspected broken shaft is unknown until the pump assembly is retrieved and inspected. As such replacement parts and
materials including labor that is in addition to what was quoted will be extra and paid via change order hence, the amount being requested is larger than the quote submitted.

The contractor, Oasis Water System, is being selected for this work as they have the necessary equipment and personnel available on-island to perform the work in the shortest possible time. Oasis Water System is willing and able to mobilize their rig the same day as the Notice To Proceed. Oasis Water System has completed several such jobs for the Department of Water in recent years and has proven capable of this type of work.

(3) RE: Contract No. 582 awarded to Pacific Pipe for the furnishing and delivery of various drinking water pipe repair and maintenance fittings in the amount of $75,432.23
FUNDING:
Account No. 102, Stock Inventory

<table>
<thead>
<tr>
<th>Account No. 102, Stock Inventory Items</th>
<th>$150,000.00</th>
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</thead>
<tbody>
<tr>
<td>Total Funds Available</td>
<td>$210,000.00</td>
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<tr>
<td>Contract: Pacific Pipe Company, Inc.</td>
<td>$75,432.23</td>
</tr>
<tr>
<td>Total</td>
<td>$75,432.23</td>
</tr>
<tr>
<td>(75,432.23)</td>
<td></td>
</tr>
<tr>
<td>Total Fund Balance for Account No. 102, Stock Inventory Items</td>
<td>$74,567.77</td>
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</table>

BACKGROUND:
The subject solicitation was opened on March 25, 2014. We have reviewed the bids from the sole bidder and find it reasonable.

(4) RE: Contract No. 583 awarded to Honolulu Ford, Inc. for the furnishing and delivery of the medium duty pickup truck with accessories in the amount of $37,277.69
FUNDING:
Account No. 106, Vehicle and Equipment, New Requests

<table>
<thead>
<tr>
<th>Account 106, Vehicle and Equipment, New Requests</th>
<th>$40,000.00</th>
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<tbody>
<tr>
<td>Honolulu Ford, Inc. Bid:</td>
<td>$37,277.69</td>
</tr>
<tr>
<td>Fund Certified</td>
<td>($37,277.69)</td>
</tr>
<tr>
<td>Funds Remaining</td>
<td>$2,722.31</td>
</tr>
</tbody>
</table>

BACKGROUND:
The subject solicitation was opened on February 20, 2014. We have reviewed the bid from the sole bidder and find it reasonable.

(5) RE: Contract No. 440 to Kodani & Associates Engineers, LLC reimbursement for NPDES General Permit Filing Fee in the amount of $500.00
FUNDING:
NO ADDITIONAL FUNDS REQUIRED
Account (BAB)

| Total Funds Available | $292,999.80 |
MANAGER’S UPDATE
Re: Manager’s Update for March 2014 to April 2014
April 24, 2014
Page 4 of 9

Contract: Kodani & Associates Engineers, LLC $12,700.00
Amendment No. 1 $78,099.80
Amendment No. 2 $192,200.00
Amendment No. 3: $6,200.00

Total Funds Certified To Date $289,199.80 ($289,199.80)

NPDES General Permit Filing Fee $500.00 ($500.00)

Total Funding Balance $3,300.00

BACKGROUND:
When Kodani & Associates applied for the NPDES General Permit on January 24, 2014, the filing fee for the permit was not included on the Contract Scope of Work. On February 14, 2014 the Department of Health released the approval of the NPDES General Permit to the Department of Water for the subject project. In reviewing the contractor’s billing statement, it reflects that they paid for the NPDES general permit filing fee separately since it was not included in their scope of work amounts.

PUMP INSTALLATION PERMITS:
None

WAIVER RELEASE & INDEMNITY APPLICATIONS:

<table>
<thead>
<tr>
<th>Applicant</th>
<th>TMK Location &amp; Building permit</th>
<th>Performance Bond Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rice Camp Partners, LP, a Hawai‘i Limited Partnership</td>
<td>TMK: 3-6-004:009 &amp; TMK 3-6-009:001 Building Permit Nos. 13-2619, 13-2620, 13-2621, 13-2622, 13-2623, 13-2624, 13-2625, 13-2626, 13-2627 and 13-2628</td>
<td>$120,000.00</td>
</tr>
<tr>
<td>Longs Drug Stores California, LLC</td>
<td>TMK: 4-3-007:029 Building Permit Nos. 13-2659</td>
<td>$85,000.00</td>
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</tbody>
</table>

STAFF REPORTS - FY 14-15:

PERSONNEL MATTERS UPDATE

April 16, 2014

RECRUITMENT AND POSITION CHANGES

Operations Division
1. Equipment Operator II #2408. Pending list of eligibles from the Department of Personnel Services (DPS).
3. Pipefitter Helper #2410. Interviews held on April 9, 2014.
5. Waterworks Electronics/Plant Electrical Tradesperson I #2311. Pending list of eligibles.
7. Water Plants Superintendent #2490. Pending approval to proceed with recruitment.

**Fiscal Division**
1. Accountant I #2488 (Accounting Section). Selection approval pending.
4. Procurement Specialist IV #2497. DOW reviewing position duties.

**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 V #2358. DOW pending additional names from DPS.
3. Project Assistant #2484 re-description. Pending DPS review.
4. Waterworks Project Manager #2351 re-description. Pending DPS review.
5. Water Inspector II #2483 re-description. Pending DPS review.
6. Chief of Water Resources and Planning #2460. DOW pending additional names from DPS.

**Administration**
1. Clerical Assistant (Community Relations). DPS to assign position number.
3. Private Secretary #E-35. Pending DPS review.

**SUMMARY OF WARRANT VOUCHERS PAID – March 31, 2014**
Warrant vouchers were paid in the amount of **$788,762.05**
Please see attached Warrant Vouchers Report.

**CONVEYANCE OF WATER FACILITIES - APRIL $81,430.06**

<table>
<thead>
<tr>
<th>Conveyance</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Randall C. Finlay; Charles N. Finlay Patricia L. Finlay</td>
<td>TMK: 2-8-031:179 Koloa $6,351.00</td>
</tr>
<tr>
<td>Lindsay W. Bosshard</td>
<td>TMK: 4-6-016:084 Kawaihau $5,000.00</td>
</tr>
<tr>
<td>Kurt Bosshard Trustee of the Kurt Bosshard Trust dated September 9, 1999</td>
<td>TMK: 3-6-006:025 Lihu’e $5,000.00</td>
</tr>
<tr>
<td>Ro S. Morimoto Trustee of the Morimoto Revocable Living Trust dated March 22, 2006</td>
<td>TMK: 4-4-010:041 Kawaihau $5,661.62</td>
</tr>
<tr>
<td>Niu Pia Land Company Ltd.</td>
<td>TMK: 4-4-002:012 Kawaihau $14,480.00</td>
</tr>
<tr>
<td>Niu Pia Land Company Ltd.</td>
<td>TMK: 4-4-002:013 $14,480.00</td>
</tr>
<tr>
<td>Christopher C. Gleason Jennifer Kelamomi Jim, Trustee of the Jennifer Kelamomi Jim Trust, an unrecorded revocable trust dated January 31, 2011</td>
<td>TMK: 2-4-011:021 Koloa $9,500.00</td>
</tr>
<tr>
<td>The Yujimura Group LLC, A Hawai’i Limited Liability Company</td>
<td>TMK: 3-6-006:025 Lihu’e $13,957.44</td>
</tr>
</tbody>
</table>

**CC&B BILLING SYSTEM UPDATE:**
None
IT STRATEGIC PLAN UPDATE:

April 17, 2014

BRIO was here on site, the week of 4/14/14, and helped to finalize the budget worksheets to be uploaded into our Great Plains System.

The working Chart of Accounts was finalized.

I.T. worked with McGladrey (Great Plains Configuration/Host Site) to provide a persistent VPN connection to our Host Site and provided the data from the DOW’s current system to be loaded into the Host Site financial system.

The data was loaded onto our Host Site System and an overview/preview was provided to staff.

2014 LEGISLATIVE SESSION UPDATE:
The DOW is currently tracking the following Bills during this legislative session. These are currently live bills.

HB1103 – Relating to Impact Fees – The impact fee is utilized to help pay for required infrastructure improvements which are associated with the water meter. With the amendment, this would give the Counties the authority to collect the impact fee at the time of subdivision, which at times, may be years before a building permit is applied for.

No hearing has been set as of this time.

HB1969 – Relating to Water Royalties - Assesses $1 royalty for every 1000 gallons pumped from the State’s aquifers. Dedicates revenues to offset water system project costs.

The DOW has submitted testimony along with Hawai‘i County and the Honolulu Board of Water in opposition of this bill which will cause a result in an economic hardship for families, businesses and any entity that utilizes water. Our customers already pay, through their rates, for the maintenance of water system infrastructure that they utilize and the operations of the Department of Water which includes water resource planning.

STATUS: The Committee on Water and Land has deferred the measure during their February 5th hearing.

HB1969 has received testimony from the Hawai‘i Chamber of Commerce opposing to this bill due to “no nexus between the increase in fees and the services provided.” (more can be found at ‘http://www.capitol.hawaii.gov/Session2014/Testimony/HB1969_TESTIMONY_WAL_02-05-14 .PDF”)

SB2667 – Relating to State Water Code - Requires a private person or entity to obtain a permit to withdraw ground water in certain counties. Establishes certain counties as a designated water management area.

The DOW has submitted testimony in opposition of this bill. The proposed amendment to establish certain counties as a designated water management area by population is not consistent with the existing provisions set forth in the Section 174C-41 of the Hawaii Revised Statues. Currently, the State can establish a designated
management area only after it has conducted scientific investigations and research to reasonably determine that water resources in the area may be threatened. Establishing designated water management areas by population appears subjective and does not consider the condition of the water resources in the area.

In accordance with the provisions set forth in Section 174C-84 of the Hawaii Revised Statues, all well construction and well pump installation must apply for and receive a permit from the State Commission on Water Resource Management (CWRM) before constructing and operating the well. The proposed amendment to Section 174C-48 of the Hawaii Revised Statues will require another permit for ground water withdrawals. It is our opinion that the information provided for well construction permit, pump installation permit, and the monthly reports to CWRM should be adequate to determine the condition of water resources.

The proposed amendments will adversely impact our county by increasing project completion times and costs due to the additional permits and water management area designation.

**STATUS:** The Committee on Water and Land and Public Safety, Intergovernmental and Military Affairs has deferred the measure during their February 7th hearing.

SB2667 has received testimony from the Land Use Research Foundation of Hawai'i also opposing to this bill stating, “Bill 2667 violates the spirit, intent and purpose of the State Water Code, which was to provide for comprehensive water resource planning to address the problems of supply and conservation of water.”

*(more can be found at “http://www.capitol.hawaii.gov/Session2014/Testimony/SB2667_TESTIMONY_WTL-PSM_02-07-14_LATE.PDF”)*

SB2667 has also received testimony from the State of Hawai'i Department of Land and Natural Resources testifying opposition of this bill stating, “This bill conflicts with many sections of the Water Code, sets inconsistent regulatory policies, creates an unmanageable workload (given present staff resources) and undermines multiple water resource issues currently before the Commission.”

*(more can be found at http://www.capitol.hawaii.gov/Session2014/Testimony/SB2667_TESTIMONY_WTL-PSM_02-07-14.PDF”)*

**SB3094** – Relating to Counties - Empowers counties to impose and enforce liens upon premises served for unpaid water or sewer charges after an opportunity to be heard under chapter 91, HRS. Repeals the authority of each county to take over from the State existing waterworks systems and sewer systems and to enlarge, develop, and improve the same.

**The DOW submitted testimony in favor of this bill.** KDOW collects approximately $1.8 million in water bills per month. Although a vast majority of the water bills are paid on time and most delinquent bills are successfully collected using conventional methods of notifications and payment plans, there are delinquent accounts that remain in the collection process for a long time. KDOW can have as much as $400,000 delinquent bills that are in arrears past 120 days. A delinquent bill that cannot be collected becomes a burden that must be made up KDOW and KDOW customers.

The collection process, which may include taking legal action, can be labor intensive and costly. Also, the collection process costs can exceed the amount collected. The ability to place a lien against a property after due process is given should reduce the collection times and costs.
STATUS: During the Committee on Consumer Protection & Commerce hearing on March 19th, SB3094 has been passed with amendments and has moved to the FIN Committee on April 2nd.

On April 8th, this bill has been crossed over from Senate to the House and passed with the third reading as amended in their HD 2 version.

On April 10th, the Senate disagreed with the House’s amendments. SB3094 has received testimony from the County of Hawai‘i, Department of Environmental Management supporting the bill stating, “The department currently has past due accounts in the amount of $1,026,795 that over 90 days past due. The current process includes letters, payment plans, phone calls and going to court to get a judgment. This process can be time consuming and requires a substantial commitment of resources in terms of staff time from our department as well as from the Office of the Corporation Counsel.”

(more of this can be found at ‘http://www.capitol.hawaii.gov/Session2014/Testimony/SB3094_TESTIMONY_PSM_02-11-14.PDF’)

SB3094 has also received testimony from Myoung Oh, Government Affairs Director from the Hawai‘i Association of Realtors (HAR). Oh expressed his concerns for SB3094 and stated, “HAR believes that the property notification should be sent to the owner of the property, in addition to the tenant. Also, an owner/property manager would need to be informed within a reasonable manner, to ensure that the unpaid water bill may be collected.”

(more of this can be found at ‘http://www.capitol.hawaii.gov/Session2014/Testimony/SB3094_SD1_TESTIMONY_WAM_02-25-14.PDF’)

AFFORDABLE HOUSING UPDATE:
Update will be provided after the next Task Force Meeting is held.

QUARTERLY UPDATES – (January – March 2014)

WATER QUALITY DIVISION:
1. Two new dedicated sample sites installed by operations. Keith Aoki has one planned for the Kukuiula Subdivision. It will be installed by the contractors.
2. Main break monitoring program currently on hold. The plan in place now is that Operations or Engineering informs the Lab of major breaks (that require sampling) or installation of new infrastructure so that Lab can sample/monitor water quality.
3. Manager wants a main break monitoring program. So will try and modify existing one.
4. Continued micro sampling of sources to see if any will present problems with fecal indicators. This is part of the Trigger Monitoring part of the Ground Water Rule. Some coliform positive samples indicate we may have to address well contamination. Further testing planned to see if condition is chronic.
5. Sample Collection and Reservation System is operational and being utilized. It is very helpful in keeping track of sampling, sample analysis, and scheduling of chemical samples. Quarterly chemical sampling completed for 1st quarter.
6. CCR data will delivered by email again this year.
7. So far no coliform hits this year.
9. New Reverse Osmosis System installed to prolong the life of the autoclave’s steam generator. A tap will be available for use by operations to obtain ultra-pure water.
10. UCMR 3 and general chemical testing contract is done. UCMR 3 SE2 for System 434 scheduled for next quarter in May.
11. Phase II and V testing and other miscellaneous testing completed for remaining wells not completed in 2013.
12. Need to renew procurement for lab services which expires the end of June 2014. This is the same contract that the UCMR 3 is on. UCMR 3 testing goes on into next fiscal year.
13. Princeville notified DOW of having to remove PCB levels in one of its tanks. DOH cleared Princeville System. They are treating the water to remove PCB.
14. Updating sample site plan.
15. Updating procedure for no-drink water situations as encountered in the Wailua Houselots.
16. Lab inspection and certification will occur in 2014.

COUNTY ATTORNEY QUARTERLY REPORT:
This report is submitted pursuant to Board Policy No. 25

CLAIMS SETTLED:

<table>
<thead>
<tr>
<th>Claimant Name</th>
<th>Date of Incident</th>
<th>Filed with Office</th>
<th>Nature of Claim</th>
<th>Amount Requested</th>
<th>Settlement Amount</th>
<th>Remedial Recommendation</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No Claims reported this quarter

Respectfully submitted,

Kirk Saiki, P.E.
Acting Manager and Chief Engineer

KS:mjg

Mngrp/Manager’s Update (04-24-14):mjg

Attachments: 2010 BAB Spend Down Report as of March 2014
### DEPARTMENT OF WATER

Summary of Warrant Vouchers Paid

March 31, 2014

<table>
<thead>
<tr>
<th>WATER UTILITY FUND</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Expenses, Department of Water</td>
<td></td>
</tr>
<tr>
<td>Capital Expenditures</td>
<td>$ 172,879.03</td>
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<tr>
<td>Other Expenses, Department of Water</td>
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<tr>
<td>Normal Expenditures</td>
<td>$ 561,561.24</td>
</tr>
<tr>
<td><strong>TOTAL WATER UTILITY FUND</strong></td>
<td>$ 734,440.27</td>
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<table>
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<table>
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<tbody>
<tr>
<td>ESAKI SURVEYING &amp; MAPPING, INC.</td>
<td>$ 13,593.00</td>
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<tr>
<td><strong>TOTAL FRC FUND</strong></td>
<td>$ 13,593.00</td>
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<table>
<thead>
<tr>
<th>BOND - BAB</th>
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<tr>
<td>MEI CORPORATION</td>
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<td><strong>TOTAL BAB BOND FUND</strong></td>
<td>$ 40,728.78</td>
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**TOTAL CLAIMS PAYABLE**

$ 788,762.05

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<tr>
<td>Transfers</td>
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<td><strong>F R C FUND</strong></td>
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<table>
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<tr>
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<tr>
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**Bank Transfer Adjustments:**

$ 788,762.05

788,762.05

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<td>22</td>
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<td>24</td>
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<td>59</td>
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**TOTAL NORMAL EXPENDITURES**

$561,561.24
### Capital Expenditures

**WATER UTILITY FUND**

**DEPARTMENT OF WATER**

March 31, 2014

<table>
<thead>
<tr>
<th>Capital Expenditures</th>
<th>Budget Code</th>
<th>Amount</th>
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<tr>
<td>Capital Improvement Projects</td>
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<tr>
<td>Miscellaneous Capital Expenditures</td>
<td>102</td>
<td>$4,255.38</td>
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<tr>
<td>Office &amp; Engineering Equipment</td>
<td>103</td>
<td>$19,875.09</td>
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<td>Vehicles &amp; Equipment</td>
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<td></td>
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<td>CIP Reserve</td>
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<td>Purchase of Meter &amp; Meter Boxes</td>
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<td><strong>Sub-Total</strong></td>
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<td><strong>$24,130.47</strong></td>
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**WATER UTILITY FUND**

<table>
<thead>
<tr>
<th>Contract Payments</th>
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<tbody>
<tr>
<td>403 R. M. Towill Corporation - Final, 587</td>
<td>$2,301.00</td>
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<tr>
<td>404 Fukunaga &amp; Associates, Inc., 588</td>
<td>$57,853.77</td>
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<tr>
<td>428 Brown &amp; Caldwell - Final, 609</td>
<td>$2,926.66</td>
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<tr>
<td>450 Paren, Inc. - Final, 634</td>
<td>$5,310.00</td>
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<tr>
<td>560 Brio Consulting, 711</td>
<td>$10,996.00</td>
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<tr>
<td>466 Brown &amp; Caldwell</td>
<td>$12,598.66</td>
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<tr>
<td>425 HDR Engineering, Inc.</td>
<td>$1,549.40</td>
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<tr>
<td>553 Easaki Surveying &amp; Mapping, Inc.</td>
<td>$55,213.07</td>
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<tr>
<td><strong>Contract Payments - WU</strong></td>
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<td><strong>$148,748.56</strong></td>
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<tr>
<td><strong>Total Water Utility - Capital Expenditures</strong></td>
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<td><strong>$172,879.03</strong></td>
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**Bond**

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<thead>
<tr>
<th>Contract Payments - Bond</th>
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</thead>
<tbody>
<tr>
<td>567 Easaki Surveying &amp; Mapping, Inc.</td>
<td>$13,593.00</td>
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<tr>
<td><strong>FRC Payments</strong></td>
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<td><strong>$13,593.00</strong></td>
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**Bond - BAB**

<table>
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<tr>
<th>Contract Payments - BAB</th>
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<tbody>
<tr>
<td>543 Oceanit Laboratories</td>
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<tr>
<td>551 Easaki Surveying &amp; Mapping, Inc.</td>
<td>$12,364.65</td>
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<tr>
<td>428 Brown &amp; Caldwell - Final, 609</td>
<td>$889.13</td>
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<tr>
<td>440 Kodani &amp; Associates, Inc.</td>
<td>$15,605.00</td>
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<tr>
<td><strong>Contract Payments - BAB</strong></td>
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<td><strong>$40,728.78</strong></td>
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<tr>
<td><strong>Total Capital Expenditures</strong></td>
<td></td>
<td><strong>$227,200.81</strong></td>
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Quarterly Reports
Quarterly Status of DOW Projects

Period of January 1, 2014—March 31, 2014

CONSTRUCTION MANAGEMENT DIVISION

Submitted by Dustin Moises, P.E.

Department of Water

April 24, 2014
EXECUTIVE SUMMARY

The significant changes for Water Plan 2020 Projects within the CM Division during this quarter are:

The Special Projects Division and Design & Construction Divisions were officially reorganized into the Construction Management and Engineering Divisions in August 2012. This update reflects projects currently within the Construction Management Division.

Design:
1. Job No. PLH-39, Lihue Baseyard Improvements – Design completed by CM Division and RFP advertised for construction with proposal due date of April 10, 2014. SRF possibly providing more than initial $1.7M grant if project goes to construction in time.

Construction:
1. Job No. HW-03, Wainiha Tank and Booster Pump Rehabilitation – Final inspection completed, awaiting close out documents.
2. Job No. WK-28, Wailua Houselots Main Replacement – Final inspection completed, awaiting DPW road permit sign off and close out documents.
3. Job No. WK-30, Pipeline Replacement along Waipouli and Olohena Roads - Final inspection completed, awaiting DPW road permit sign off and close out documents.
Design Projects
<table>
<thead>
<tr>
<th>WP 2020 NUMBER</th>
<th>PROJECT TITLE</th>
<th>% COMPLETE December 2013</th>
<th>% COMPLETE March 2014</th>
<th>ORIG. EST. COMPLETE</th>
<th>CURRENT EST. COMPLETE</th>
<th>CURRENT CONTRACT AMOUNT</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLH-39</td>
<td>LIHUE BASEYARD IMPROVEMENTS (PH 1) – MASTER PLAN</td>
<td>100</td>
<td>100</td>
<td>Q4 2011</td>
<td>Q4 2011</td>
<td>$279,719 (P)</td>
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<tr>
<td></td>
<td>LIHUE BASEYARD IMPROVEMENTS - DESIGN</td>
<td>99</td>
<td>100</td>
<td>Q4 2012</td>
<td>Q1 2014</td>
<td>$635,030 (D)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Zoning amendment approved by council. Use Permit approved by Planning Commission. Subdivision received final subd. approval. Design completed &amp; RFP for construction advertised</td>
</tr>
</tbody>
</table>
Construction Projects
<table>
<thead>
<tr>
<th>WP 2020 NUMBER</th>
<th>PROJECT TITLE</th>
<th>% COMPLETE December 2013</th>
<th>% COMPLETE March 2014</th>
<th>ORIGINAL ESTIMATE TO COMPLETE</th>
<th>CURRENT ESTIMATE TO COMPLETE</th>
<th>CURRENT CONTRACT AMOUNT</th>
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</thead>
<tbody>
<tr>
<td>HE-08</td>
<td>ELEELE STEEL TANKS RENOVATION</td>
<td>100</td>
<td>100</td>
<td>Q3 2012</td>
<td>Q1 2014 (5)</td>
<td>$2,018,853</td>
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<tr>
<td>WK-32 Phase II</td>
<td>KAPA'A PIPELINE REPLACEMENTS</td>
<td>100</td>
<td>100</td>
<td>Q4 2011</td>
<td>Q1 2014 (5)</td>
<td>$2,941,279</td>
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<tr>
<td>HW-03 Phase II</td>
<td>WAINIHA BOOSTER AND HAENA TANK RENOVATIONS</td>
<td>99</td>
<td>99</td>
<td>Q3 2012</td>
<td>Q4 2013 (2)</td>
<td>$1,547,374</td>
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<tr>
<td>H-01, 02, 03</td>
<td>MAKA RIDGE FACILITY REHABILITATION PLAN AND PRINCEVILLE INTERCONNECTION PLAN</td>
<td>80</td>
<td>88</td>
<td>Q1 2013</td>
<td>Q3 2014 See Note (1)</td>
<td>$2,480,505</td>
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<tr>
<td>WK-12 Kuhio Highway</td>
<td>WAIPOLI MAIN REPLACEMENT</td>
<td>100</td>
<td>100</td>
<td>Q4 2013</td>
<td>Q3 2013 (2)</td>
<td>$1,996,180</td>
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<td>WK-28</td>
<td>WAILUA HOUSELOTS MAIN REPLACEMENT</td>
<td>82</td>
<td>99</td>
<td>Q4 2013</td>
<td>Q1 2014 (2)</td>
<td>$4,463,084</td>
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<td>WK-30</td>
<td>PIPELINE REPLACEMENT ALONG WAIPOLI ROAD AND OLOHENA ROAD</td>
<td>69</td>
<td>100</td>
<td>Q4 2013</td>
<td>Q1 2014 (2)</td>
<td>$1,594,295</td>
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</table>

TOTAL = $17,041,570

(1) Change order issued which extended project schedule.
(2) Awaiting close out documents
(3) Awaiting contract dispute resolution
(4) Awaiting close out documents
(5) Contract closed out
## Water Plan 2020 Construction Projects

### Previous 4 quarters

<table>
<thead>
<tr>
<th>QUARTER</th>
<th>APR-JUN 2013</th>
<th>JUL - SEP 2013</th>
<th>OCT - DEC 2013</th>
<th>JAN - MAR 2014</th>
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<tr>
<td>CONSTRUCTION</td>
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<td>CONTRACTS AWARDED</td>
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<tr>
<td>Contracts Completed</td>
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<td>0</td>
<td>1*</td>
<td>2*</td>
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<tr>
<td>On-going</td>
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<td></td>
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<tr>
<td>Construction Projects (##)</td>
<td>8*</td>
<td>8*</td>
<td>7*</td>
<td>5*</td>
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<tr>
<td>Projects ($</td>
<td>$19,195,230</td>
<td>$19,592,775</td>
<td>$19,179,015</td>
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*Design completed prior to reorganization by Special Projects Division which is current Construction Management Division*
## Upcoming Water Plan 2020 Construction Projects

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<tr>
<th>FY 2013-2014</th>
<th>WP 2020 No.</th>
<th>PROJECT TITLE</th>
<th>STATUS</th>
<th>EST. COST</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PLH-39</td>
<td>LIHUE BASEYARD IMPROVEMENTS FOR THE DEPARTMENT OF WATER</td>
<td>DESIGN COMPLETED AND RFP ADVERTISED *</td>
<td>$8.8 M</td>
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<td></td>
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**TOTAL =** $8.8 M

*Design completed by Construction Management Division*
<table>
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<tr>
<th>TMK #/UID</th>
<th>OWNER</th>
<th>DESCRIPTION</th>
<th>STATUS</th>
<th>CERT. OF COMPLETION</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4) 4-8-013:018 / 911</td>
<td>Gregory Strickland</td>
<td>Installation of Second Single Service Lateral for Parcel 18</td>
<td>COMPLETE</td>
<td>1/8/2014</td>
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<tr>
<td>(4) 4-6-34:009 / 873</td>
<td>Janet Vaughn</td>
<td>Water Meter Service Connection</td>
<td>COMPLETE</td>
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<tr>
<td>(4) 3-2-7:042 / 921</td>
<td>Dane Oda</td>
<td>Installation of Second Single Service Lateral for Lot 32-A</td>
<td>COMPLETE</td>
<td>1/17/2014</td>
</tr>
<tr>
<td>(4) 2-5-03:002 / 914</td>
<td>Ronald Sakamoto</td>
<td>Water Meter Plan for Parcel 2</td>
<td>COMPLETE</td>
<td>2/3/2014</td>
</tr>
<tr>
<td>(4) 2-5-006:021 / 871</td>
<td>Vincent Flores</td>
<td>Installation of 1st Single Service Lateral for Parcel 21</td>
<td>COMPLETE</td>
<td>2/3/2014</td>
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<tr>
<td>(4) 3-6-17:18 / 902</td>
<td>Kevin Horita</td>
<td>Water Meter Plan for Lot 47</td>
<td>COMPLETE</td>
<td>2/3/2014</td>
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<td>(4) 4-2-005:008 / 847</td>
<td>Mary Lou Mendes</td>
<td>Relocate of Two Existing Water Meters</td>
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<td>(4) 2-3-11:058 / 841</td>
<td>Jay &amp; Marie Manzano</td>
<td>Manzano Residence Water Meter</td>
<td>COMPLETE</td>
<td>3/6/2014</td>
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<td>(4) 4-1-006:038 / 778</td>
<td>Derek Chang</td>
<td>Water Service Connection Quad Service Lateral for Lot 17-B-3</td>
<td>COMPLETE</td>
<td>3/6/2014</td>
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<tr>
<td>(4) 4-6-028:017-006 / 892</td>
<td>Jacqueline Ohai</td>
<td>Water Service Connection Single Service Lateral for Unit 6, Punalei Terrace 1</td>
<td>COMPLETE</td>
<td>3/6/2014</td>
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<tr>
<td>(4) 4-8-06:40 / 862</td>
<td>Lorren Van Fossen</td>
<td>Water Meter Plan for Parcel 40</td>
<td>Awaiting Precon</td>
<td>3/6/2014</td>
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<tr>
<td>TMK #</td>
<td>OWNER</td>
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<td>STATUS</td>
<td>CERT. OF COMPLETION</td>
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<td>-------------------------------------------------------------------------------------------------</td>
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<tr>
<td>(4) 4-8-11:15 / 825</td>
<td>Stephen &amp; Marla Tom; James Manico</td>
<td>Installation of Double Service Lateral for Parcel 15, Unit A &amp; C, Anahola Lots Condominium, 4383 and 4380 Kuhio Highway</td>
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<tr>
<td>(4) 4-9-002:016 / 923</td>
<td>Neal Kakimoto</td>
<td>Water Meter Plan for Lot 59-A-1 Unit 2</td>
<td>Awaiting Precon</td>
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<tr>
<td>(4) 4-8-011:014 / 899</td>
<td>Joanne C. Magagnoli-Trask</td>
<td>Installation of Single Service Lateral for Parcel 14</td>
<td>Awaiting Precon</td>
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<tr>
<td>(4) 5-9-05:025 / 881</td>
<td>Matt Malerich</td>
<td>Water Service Installation Plan for Lot 37</td>
<td>In Construction</td>
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<td>(4) 5-6-04:23 / 853</td>
<td>Waipa Foundation Community Cultural Center</td>
<td>Waipa Foundation Community Cultural Center</td>
<td>In Construction</td>
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</tr>
<tr>
<td>(4) 2-4-011:021 / 908</td>
<td>Christopher &amp; Patrick Gleason</td>
<td>Water Service Connection Single Service Lateral for Lot 1-G</td>
<td>In Construction</td>
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</tr>
<tr>
<td>(4) 2-7-06:006, 129 / s-2013-5</td>
<td>Kenneth Souza</td>
<td>Hydrant Plan for Punee Road (S-2013-5)</td>
<td>In Construction</td>
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<tr>
<td>(4) 2-4-02:04 / 842</td>
<td>Susan A. Matsumoto Trust and Joyce Y. Kubota Trust</td>
<td>Single Service Lateral &amp; Double Service Lateral for Lot 60, Kikala Road</td>
<td>In Construction</td>
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<tr>
<td>(4) 2-3-020:77 / 785</td>
<td>James O. Agee Trust</td>
<td>Installation of Double Service Lateral &amp; Triple Service Lateral for Lot 128 B-1</td>
<td>Awaiting Precon</td>
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</tr>
<tr>
<td>(4) 2-3-24:72 / 904</td>
<td>David &amp; Jill Capri</td>
<td>Water Meter Plan for Lot 72</td>
<td>Awaiting Precon</td>
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<td>TMK #</td>
<td>OWNER</td>
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<tr>
<td>(4) 5-2-22:011 / 916</td>
<td>Frankenreiter Family Trust</td>
<td>Installation of Second Single Service Lateral for Parcel 11, CPR Unit 1</td>
<td>Awaiting Precon</td>
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<tr>
<td>(4) 4-6-19:056 / 883</td>
<td>Clayton Dabin</td>
<td>Installation of a Single Service Lateral for Lot 29-B</td>
<td>In Construction</td>
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<tr>
<td>(4) 4-6-17:78 / 863</td>
<td>Jeff Rapetti</td>
<td>Water Meter Plan for Lot 6, Unit 1, Laipo Road</td>
<td>In Construction</td>
<td></td>
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<tr>
<td>(4) 4-6-07:136 / 901</td>
<td>Jennifer Jim</td>
<td>Water Meter Plan for Parcel 136, Unit B (Desilva Estates)</td>
<td>In Construction</td>
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<tr>
<td>(4) 4-3-03-015 / 922</td>
<td>Leonard Kaui</td>
<td>Water Meter Plan for Parcel 15</td>
<td>In Construction</td>
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<tr>
<td>(4) 4-6-16:084 / 906</td>
<td>Lindsey Bosshard</td>
<td>Installation of Second Single Service Lateral for Parcel 84</td>
<td>In Construction</td>
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<tr>
<td>(4) 4-6-15:48 / S-2008-16</td>
<td>Melvin and Clarence Soong</td>
<td>Water Meter Plan for Lot 14-A-1 (S-2008-16), Haua'ala Road</td>
<td>In Construction</td>
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<tr>
<td>(4) 4-4-010:041 / 889</td>
<td>Morimoto Trust</td>
<td>2nd Single Service Lateral for Lot 4</td>
<td>In Construction</td>
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<td>(4) 4-4-002: 012 &amp; 013 / 893</td>
<td>Niu Pia Land Company, LTD</td>
<td>Installation of Service Water Lateral and 10 Water Meters for Lot 1 &amp; 2</td>
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<tr>
<td>(4) 4-4-002: 015 &amp; 088 / 894</td>
<td>Niu Pia Land Company, LTD</td>
<td>Installation of Service Water Lateral and 10 Water Meters for Lot 3 &amp; 4</td>
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<td>(4) 4-4-003:091 / 927</td>
<td>Clayton Chow</td>
<td>Water Meter Plan for Lot 10 - ADU</td>
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<td>(4) 4-6-017:49, 50, 129 &amp; 130 / 826</td>
<td>Patricia Tiner</td>
<td>6&quot; Water Main along Hekili Road &amp; Continuing along La Road</td>
<td>Awaiting Precon</td>
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<td>(4) 4-3-07: 29 &amp; 30</td>
<td>Longs Drugs Stores California LLC</td>
<td>Longs Drugs Store Kapaa</td>
<td>In Construction</td>
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<td>(4) 4-4-03:4 / 868</td>
<td>Seina Properties, LLC</td>
<td>Triple service for lot 122-D</td>
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<td>(4) 1-2-17:51 / 858</td>
<td>Lilia Kapuniai (Kekaha Community Center)</td>
<td>Water Meter Plan for Lot 51, Ulili Road</td>
<td>In Construction</td>
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<td>(4) 1-3-10:70 / S-2012-1</td>
<td>Ruth Togioka, Florence S. Togioka Trust, Myles Togioka Trust</td>
<td>Single Service Lateral for Lot 199-B, S-2012-01, 4584 Pueo Road</td>
<td>Awaiting Precon</td>
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<tr>
<td>(4) 5-2-12:35 / 915</td>
<td>Charles Somers</td>
<td>Water Service Installation Plan for Lot 8-W-9-A (Parcel 35)</td>
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<td>(4) 5-3-09:03 / 884</td>
<td>Ken Attix</td>
<td>Water Meter Plan for Lot 3</td>
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<td>(4) 5-1-05:37 / 806</td>
<td>Melina Friedman ET. AL.</td>
<td>Water Service Improvements for Lot 14, Kilauea Agriculture Subdivision, &quot;Niku Farm&quot; Condominium</td>
<td>Awaiting Precon</td>
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<td>(4) 5-2-04:102, Unit 6 / 849</td>
<td>North Shore Christian Church</td>
<td>6&quot; Reduced Pressure Detector Assembly for North Shore Christian Church</td>
<td>In Construction</td>
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<td>(4) 5-2-04:77 / 857</td>
<td>Richard M. Jones Trust and Crystal A. Jones</td>
<td>Installation of 2nd Single Service Lateral &amp; Backflow Preventor for Lot 4, Unit 1, Mele Makani Estates, 2405C Makana'ano Place</td>
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<td>(4) 2-5-004:036 / 837</td>
<td>Beth Charlton</td>
<td>2nd 5/8 inch Domestic Service Connection</td>
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<td>(4) 2-5-01:12 / 819</td>
<td>Kauai Bible Church</td>
<td>Water Meter Plan for Lot C-2</td>
<td>In Construction</td>
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<tr>
<td>(4) 2-5-011:057 / 882</td>
<td>Richard &amp; Waraporn Costello</td>
<td>Water Service Connection Single Service Lateral for Unit 1</td>
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<td>(4) 3-6-10:01 / 903</td>
<td>Dawn M. Murata Trust</td>
<td>Waterline Plan for Lot130-A Land Court Application 1087</td>
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<td>(4) 3-8-14:39 / 789</td>
<td>Jacob Thorp (Yukimura Bldg)</td>
<td>Water Meter Plan for Lot1-A-1</td>
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<tr>
<td>(4) 3-6-06:25 / 905</td>
<td>Kurt Bosshard</td>
<td>Installation of Second Single Service Lateral for Parcel 25</td>
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<td>(4) 3-3-06:46</td>
<td>Property Development Centers, LLC (Safeway Inc)</td>
<td>Offsite Roadway Improvements for Hokulei Village: Phase I and Phase II</td>
<td>In Construction</td>
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<tr>
<td>(4) 3-2-02:036 / 866</td>
<td>Robert &amp; Chris White</td>
<td>Relocate Existing Water Service Connection for Lot 7-E</td>
<td>In Construction</td>
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<td>(4) 3-2-07:018 / 877 - 878</td>
<td>White Rock Ltd., Nawiliwili Estates</td>
<td>Installation of Triple &amp; Single Service Water Lateral &amp; Water Meters for Units 1, 3, 5, 6, 7 &amp; 10</td>
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<tr>
<td>(4) 2-7-08:51 / 891</td>
<td>Albert Kaneshiro</td>
<td>Water Meter Plan for Lot 12 Puu Pinao Subdivision</td>
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<td>(4) 2-7-004:007 / 850</td>
<td>David &amp; Jody Stillwell</td>
<td>Construction Drawings: 2nd 5/8&quot; Domestic Service Connection</td>
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<td>(4) 2-7-04:03, 99, 100, 101 / 844</td>
<td>Heather DeGeus</td>
<td>Water Meter Relocation Plan for Parcels 3, 99, 100, 101, Omao Road</td>
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<td>(4) 2-7-06:74-2</td>
<td>Kerry Otis</td>
<td>Water Meter Plan for Lot 41</td>
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<td>(4) 2-8-31:185 / 855</td>
<td>Jack Hendrickson</td>
<td>Water Meter Plan for Lot 185, Halalu Street</td>
<td>In Construction</td>
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<tr>
<td>(4) 2-8-31:179 / 887</td>
<td>Randy Finlay</td>
<td>Water Meter Plan for Lot 179</td>
<td>In Construction</td>
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<td>(4) 2-8-31:189 / 888</td>
<td>Ryan McLoughlin</td>
<td>Water Meter Plan for Lot 189</td>
<td>In Construction</td>
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<td>(4) 3-3-12:02 / 664</td>
<td>Paul Schurch</td>
<td>Construction Plans for Schurch Industrial Building</td>
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<tr>
<td>(4) 4-2-06:37 / 851</td>
<td>Anthony Lenarth</td>
<td>Installation of 2nd Single Service Lateral for Lot 2</td>
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<tr>
<td>(4) 4-2-009:042 / 910</td>
<td>Jean Sato</td>
<td>Water Meter Plan for Lot 15</td>
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# Staffing Update

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<tr>
<th>POSITION #</th>
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<tbody>
<tr>
<td>2470</td>
<td>Construction Management Project Officer</td>
<td>Dustin Moises</td>
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<tr>
<td>2351</td>
<td>Waterworks Project Manager</td>
<td>Vacant</td>
<td>Reclassifying Position with HR (Submitted to DPS May 2013)</td>
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<tr>
<td>2484</td>
<td>Project Assistant</td>
<td>Vacant</td>
<td>Reallocating Position with HR (Submitted to DPS May 2013)</td>
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<tr>
<td>2353</td>
<td>Waterworks Inspector III</td>
<td>Daniel Kittredge</td>
<td>Hired internally as of 3/16/14</td>
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<tr>
<td>2355</td>
<td>Waterworks Inspector II</td>
<td>Leo Anguay</td>
<td></td>
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<tr>
<td>2357</td>
<td>Waterworks Inspector II</td>
<td>Alfred Levinthol</td>
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<tr>
<td>2483</td>
<td>Waterworks Inspector II</td>
<td>Vacant</td>
<td>Reclassifying Position with HR (Submitted to DPS May 2013)</td>
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</tbody>
</table>
Quarterly Status of DOW Projects

Period of January 1, 2014 – March 31, 2014
ENGINEERING DIVISION
Department of Water
April 24, 2014

Submitted by Keith Aoki
EXECUTIVE SUMMARY

The significant changes for this quarter are:

**Design:**

1. **Job No. KW-28, Amfac Shaft Renovation** – Received cost proposal for design – in negotiations with the consultant.
2. **Job No. WK-8, Kapaa 1.0 MG Tank (313 Zone)** – Completed contract amendment for geotech second opinion.
3. **Job H-05, Weke, Anae, and He’e Roads, 6” and 8” replacement** – final plans received for review.
4. **Job No. K-18, 8” Main Replacement Along Halewili Road** – Plans approved by DOW. Working on State requirements that need to be completed before construction can start.
5. **Job No. 13-7, Koloa Well D Repairs** – Consultant was selected. Preliminary design work scheduled, site topo work and soil test borings.
6. **Private Projects:** 17 new projects were submitted for Engineering review during this quarter.
Design Projects
<table>
<thead>
<tr>
<th>WP 2020 NUMBER</th>
<th>PROJECT TITLE</th>
<th>% COMPLETE Dec 2013</th>
<th>% COMPLETE Mar 2014</th>
<th>EST. COMPLETE</th>
<th>BUDGET COST</th>
<th>STATUS</th>
</tr>
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<tbody>
<tr>
<td>KW-28</td>
<td>Amfac Shaft Renovation, Phase 3</td>
<td>0</td>
<td>0</td>
<td>Q2 2015</td>
<td></td>
<td>Consultant selected. Negotiating cost</td>
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<tr>
<td>KP-09</td>
<td>Koloa Well MCC Improvements</td>
<td>60</td>
<td>70</td>
<td>Q3 2014</td>
<td>$300,000 (D)</td>
<td>Preliminary comments made</td>
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<tr>
<td>HE-14</td>
<td>Eleele Booster Station Rehab</td>
<td>0</td>
<td>10</td>
<td>Q4 2014</td>
<td>$92,000</td>
<td>Site visit by consultant done</td>
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<tr>
<td>WP 2020 NUMBER</td>
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<td>% COMPLETE Mar 2014</td>
<td>EST. COMPLETE</td>
<td>BUDGET COST</td>
<td>STATUS</td>
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<tr>
<td>K-01</td>
<td>Kalaheo Water System Improvements (North)</td>
<td>75</td>
<td>85</td>
<td>Q1 2015</td>
<td>$964,510 (D)</td>
<td>Under Design</td>
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<tr>
<td>LO-10, LO-08</td>
<td>Koloa Road 8” and Omao Road 6” Main Replacement</td>
<td>75</td>
<td>80</td>
<td>Q4 2014</td>
<td>$86,750 (D)</td>
<td>Under Design</td>
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<tr>
<td>K-05A</td>
<td>Construct Kalaheo 0.5 MG Tank, 886'</td>
<td>55</td>
<td>70</td>
<td>Q3 2014</td>
<td>$216,637 (D)</td>
<td>Under Design / Working out land issues</td>
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<tr>
<td>K-17</td>
<td>Feasibility Kalaheo, Kokolau, and Akulikuli Treatment Facilities</td>
<td>90</td>
<td>90</td>
<td>Q2 2015</td>
<td>$117,701 (D)</td>
<td>Under Design</td>
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<tr>
<td>K-18</td>
<td>8” Waterline along Halewili Road (Kaumualii Highway to Haku Hale Road)</td>
<td>98</td>
<td>99</td>
<td>Q2 2014</td>
<td>$82,797 (D)</td>
<td>Under Design</td>
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<tr>
<td>LO-19</td>
<td>Piwai-Omao Microturbine</td>
<td>60</td>
<td>60</td>
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<td>On hold</td>
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<td>Koloa Well D Repairs</td>
<td>0</td>
<td>10</td>
<td>Q4 2014</td>
<td>$59,088 (D)</td>
<td>Topo and soil test boring scheduled</td>
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# EAST SIDE DESIGN PROJECTS

## LIHUE-PUHI, WAILUA-KAPAA, ANAHOLA

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<th>BUDGET COST</th>
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<tr>
<td></td>
<td><strong>Project Title</strong></td>
<td><strong>Dec 2013</strong></td>
<td><strong>Mar 2014</strong></td>
<td><strong>Q3 2014</strong></td>
<td><strong>Phase II Proposal</strong></td>
<td><strong>Phase II Proposal Pending</strong></td>
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<tr>
<td>PLH-01A</td>
<td>Replace Grove Farm Tanks 1 &amp; 2</td>
<td>70</td>
<td>75</td>
<td>Q3 2014</td>
<td>$229,658(D)</td>
<td>Under Design</td>
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<td>PLH-37</td>
<td>Deepen Puhi Well No. 2</td>
<td>PH 1-100</td>
<td>PH 1-100</td>
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<td>$67,900 BUDGET</td>
<td>Phase II Proposal Pending</td>
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<tr>
<td>WK-01</td>
<td>Rehabilitate Moelepe Tunnel and Access Road</td>
<td>65</td>
<td>65</td>
<td>Q4 2014</td>
<td>$91,400 (D)</td>
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<tr>
<td>WK-2</td>
<td>Rehab Akulikuli Tunnel (PHASE I)</td>
<td>100</td>
<td>100</td>
<td>Q1 2005 (Ph.1)</td>
<td>$300,000 (D)</td>
<td>Ph.1- Completed Ph.2 – on hold</td>
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<td></td>
<td>Rehab Akulikuli Tunnel (PHASE II)</td>
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<td>Q3 2009 (Ph.2)</td>
<td>$392,000</td>
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<td>WK-8</td>
<td>Kapa’a Two-0.5 MG Tank (313 ZONE) (Phase I - Planning)</td>
<td>96</td>
<td>96</td>
<td>Q4 2013</td>
<td>$681,128 (D)</td>
<td>Design pending second geotech opinion</td>
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# EAST SIDE DESIGN PROJECTS

## LIHUE-PUHI, WAILUA-KAPAA, ANAHOLA

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<td>WK-23</td>
<td>Wailua Homesteads 0.25 MG Tank site (U.H. Experimental Station) ph 1</td>
<td>0</td>
<td>25</td>
<td>Q3 2014</td>
<td>$ 50,000</td>
<td>Preliminary map submitted to DOW for review. Consultant investigating site acquisition</td>
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<td>WK-39</td>
<td>Kapa’a Homesteads Well #4</td>
<td>100</td>
<td>100</td>
<td>Q3 2012</td>
<td>$ 352,000 (D)</td>
<td>RFP processed. Plan to rebid upon drainage resolution.</td>
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<td>WK-02, PLH-42</td>
<td>Akulikuli Tunnel and Kokolau Tunnel Feasibility</td>
<td>90</td>
<td>90</td>
<td>Q2 2015</td>
<td>-</td>
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<td>% COMPLETE Mar 2014</td>
<td>EST. COMPLETE</td>
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<td>M-3</td>
<td>Moloa’a Tank Site Acquisition and other Land Issues</td>
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<td>Q3 2014</td>
<td>$105,000 (P)</td>
<td>Continuing negotiations with land owner</td>
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<td>M-1 M-2</td>
<td>Koolau Pipeline Improvements</td>
<td>18</td>
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<td>Q4 2014</td>
<td>$119,207 (D)</td>
<td>Working on ROE</td>
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<td>Molo’a 0.10 MG Tank</td>
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<td>WKK-15</td>
<td>Kilauea 1.0 MG Tank (Phase I)</td>
<td>97</td>
<td>97</td>
<td>Q2 2014</td>
<td>$12,700 (P)</td>
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<td>$236, 600 (D)</td>
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<td>H-8</td>
<td>Drill and Test Hanalei Well #2.</td>
<td>70</td>
<td>75</td>
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<td>$425,000 (Combined with Wainiha Well 4)</td>
<td>On Hold</td>
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<td>WKK-17 (phase 1)</td>
<td>Kolo Road Main Replacement</td>
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<td>Q3 2014</td>
<td>$1,300,000 (design and construction)</td>
<td>Preliminary plans submitted</td>
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# NORTH SHORE DESIGN PROJECTS

MOLOAA, KILAUEA, ANINI, HANALEI, HAENA

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<th>EST. COMPLETE</th>
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<td>ANI-01</td>
<td>Kilauea Pipeline to Anini Pipeline Replacement</td>
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<td>95</td>
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<td>$750,760 (D)</td>
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<td>Phase I</td>
<td>85</td>
<td>90</td>
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<td>Phase II</td>
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<td>Q4 2014</td>
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<td>H-05</td>
<td>Weke, Anae, Mahimahi and He’e Roads, 6” and 8” Main Replacement</td>
<td>80</td>
<td>90</td>
<td>Q3 2014</td>
<td>$143,605 (D)</td>
<td>Final plans submitted for review</td>
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### Pending Water Plan 2020 Projects

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<th>PROJECT TITLE</th>
<th>STATUS</th>
<th>BUDGET</th>
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<td>WK-25</td>
<td>Kuhio Hwy. (N. Papaloa - Kawaihau Road) 16&quot; and 12&quot; Main Replacement</td>
<td>HOLD – DUE TO SCHEDULING ISSUES</td>
<td>$250,000 (D)</td>
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<td>KP-05</td>
<td>Poipu 245 1 MG Tank</td>
<td>Site to be determined</td>
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## Private Projects of Note

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<th>Area</th>
<th>Development or Developer</th>
<th>Plan Review Status</th>
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<tbody>
<tr>
<td>Eleele</td>
<td>Eleele Luna Subdivision, Phase 2, Incr. 2 (S-2006-49)</td>
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<td>Koloa</td>
<td>U/AA Subdivision (S-2011-12)</td>
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<td>Ala Kukui’ula Phase 2A</td>
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<td>Puakea II Subdivision (S-2009-21)</td>
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<td>Lihue</td>
<td>Rice Camp Senior Housing</td>
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<td>Lihue</td>
<td>Kapule-Rice Intersection Improvements</td>
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