

MINUTES

REGULAR MEETING OF THE BOARD OF WATER SUPPLY

September 28, 2015

At 2:01 PM on September 28, 2015 in the Board Room of the Public Service Building at 630 South Beretania Street, Honolulu, Hawaii, Board Chair Miyashiro called to order the Regular Meeting.

Present: Duane R. Miyashiro, Chair
Adam C. Wong, Vice Chair
David C. Hulihee
Bryan P. Andaya
Ross S. Sasamura

Also Present: Ernest Lau, Manager and Chief Engineer
Ellen Kitamura, Deputy Manager and Chief Engineer
Alex Ubiadas
Erwin Kawata
Barry Usagawa
Karen Tom
Daryl Hiromoto
Jason Takaki
Joe Cooper
Robert Morita
Mike Matsuo
Kevin Ihu
Paul Kikuchi
Neil Oyama
Dean Seki
Kaleinani Shoenstein

Others Present: Jennifer Waihee-Polk, Deputy Corporation Counsel
Dan Lawrence, Deputy Corporation Counsel
Chris Cleveland, Brown and Caldwell
Patrick Casey, Commission on Water Resource
Management

Absent: Kapua Sproat
Ford N. Fuchigami

INTRODUCTION OF NEW BOARD MEMBER

"September 28, 2015

INTRODUCTION
OF NEW BOARD
MEMBER -
BRYAN ANDAYA

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Appointment of New Board Member – Bryan P. Andaya

Mr. Bryan Andaya has been appointed to the Board of Water Supply by Mayor Kirk Caldwell to succeed Ms. Theresia McMurdo whose term expired on June 30, 2015.

On September 2, 2015, the City Council confirmed Mr. Andaya's appointment for a term expiring on June 30, 2020.

We extend congratulations to Bryan Andaya on his appointment and welcome him as a Member of the Board.

Respectfully submitted,

/s/ ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer"

The foregoing was for information only.

DISCUSSION

Manager Lau introduced Mr. Bryan Andaya and welcomed him as he comes well qualified as an attorney and the Chief Operating Officer for L & L Franchise. Chair Miyashiro added that Mr. Andaya will be an asset to the Board, bringing all of his different skill sets and life experiences. On behalf of the Board, Mr. Miyashiro welcomed him as well. Mr. Andaya thanked Mr. Lau and Mr. Miyashiro.

APPROVAL
OF MINUTES

Approval of the Minutes of the Regular Meeting held on August 24, 2015

MOTION
TO APPROVE

Ross Sasamura and David Hulihee motioned and seconded, respectively, to approve the Minutes of the Regular Session Meeting of August 24, 2015. The motion was unanimously carried, with the exception of Bryan Andaya who abstained.



**BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU**

RESOLUTION NO. 859, 2015

**THERESIA C. McMURDO
IN APPRECIATION FOR SERVING AS A MEMBER OF
THE BOARD OF WATER SUPPLY**

WHEREAS, THERESIA C. McMURDO, has ably served as a member of the Board of Water Supply, City and County of Honolulu, since February 2010; and

WHEREAS, MS. McMURDO's experience and work as Vice President of Avalon Development Company, LLC, and in her former positions as Director of Cetra Technology, Vice President of Public Affairs with Kapolei Property Development, and Public Relations Manager for the James Campbell Company, coupled with the esteem of her colleagues, has resulted in additional recognition and respect for the Board; and

WHEREAS, MS. McMURDO's professional and community affiliations and experience with operational and administrative matters have made her a valuable asset to the Board and a helpful resource in its deliberations, as she provided useful insights and counsel to its members; and

WHEREAS, as a Board member, MS. McMURDO has supported and encouraged initiatives that improve day-to-day operations and has volunteered her time and expertise to help effect business and policy decisions for the Board that will impact the public trust of the Board of Water Supply for many years to come; and

WHEREAS, MS. McMURDO's service is a testament to her commitment to maintaining a municipal water system worthy of trust from the public it serves; now, therefore

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that we do hereby express to THERESIA C. McMURDO our deep appreciation and gratitude for her committed service to this Board and Department; and

BE IT FURTHER RESOLVED that the Members of this Board extend to THERESIA C. McMURDO our sincere aloha and best wishes for continued success in all her future endeavors; and

BE IT FINALLY RESOLVED that this Resolution be presented to THERESIA C. McMURDO.



Resolution No. 859, 2015

Adopted this 28th day of September 2015
Board of Water Supply, Honolulu, Hawaii

DUANE R. MIYASHIRO
Chair of the Board

DISCUSSION: Mr. Lau informed the Board that Ms. McMurdo could not attend today's meeting.

MOTION TO ADOPT David Hulihee motioned to adopt Resolution No. 859, 2015, Theresia McMurdo – In Appreciation for Serving as a Member of the Board of Water Supply. The motion was seconded by Adam Wong and unanimously carried.

DISCUSSION: Mr. Lau stated that he would personally deliver the resolution and token of appreciation to Ms. McMurdo.

Mr. Miyashiro stated that Ms. McMurdo wanted him to relay her deepest gratitude to Mr. Lau and to the Board. On behalf of the Board, Mr. Miyashiro thanked Ms. McMurdo for her years of expertise, and stated that she has been a great asset and will be missed.

RESOLUTION NO. 859, 2015, THERESIA C. MCMURDO - IN APPRECIATION FOR SERVING AS A MEMBER OF THE BOARD OF WATER SUPPLY, ADOPTED ON SEPTEMBER 28, 2015			
	AYE	NO	COMMENT
DUANE R. MIYASHIRO	X		
ADAM C. WONG	X		
DAVID C. HULIHEE	X		
KAPUA SPROAT			ABSENT
BRYAN P. ANDAYA	X		
ROSS S. SASAMURA	X		
FORD N. FUCHIGAMI			ABSENT

"September 28, 2015

ADOPTION OF
RESOLUTION NO.
860, 2015

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Adoption of Resolution No. 860, 2015 – No More Fuel
 Contamination of Oahu's Groundwater Aquifers

We submit for your consideration Resolution No. 860, 2015, establishing a position of no more fuel contamination of Oahu's groundwater aquifers.

Following the January 2014 Red Hill Fuel tank leak, the Department finds in numerous Navy studies and reports fuel leaks dating back to 1947; the concrete tanks' steel lining corroding; the groundwater underneath the tanks contaminated with fuel chemicals; and the risks of large catastrophic fuel releases. The bottom of the Red Hill tanks are 100-feet above a sole source aquifer designated by the United States Environmental Protection Agency in 1987 as a major source of drinking water for Oahu's residents and visitors.

Our drinking water aquifer is a high quality pristine water resource held in trust and to be protected for the benefit of the people pursuant to the Hawaii State Constitution. This high quality resource should not be degraded by any more fuel contamination from the Red Hill Facility, regardless of whether fuel contamination migrates in groundwater or not. Fuel is not indigenous to the environment and should not be there in the first place. In this proposed resolution, a firm position is being articulated to protect and preserve our water resources now and into the future for our keiki o ka aina, and we ask the Board for its due consideration.

Respectfully submitted,

/s/ ERNEST Y. W. LAU, P.E.
 Manager and Chief Engineer

Attachment"

DISCUSSION

Mr. Lau read the report. Board Member Wong asked Mr. Lau how the resolution would be used. Mr. Lau replied that the resolution would show that the Board supports the Department in taking necessary measures to protect, defend and safeguard the groundwater. Mr. Lau clarified that the resolution states that it is not good to allow any more fuel contamination from the Red Hill fuel tanks to get into the groundwater and that groundwater resource, under which the tanks stand, is a high quality drinking water groundwater resource. Mr. Lau stated that the State Department of Health

and the Environmental Protection Agency, and perhaps even the Navy, may assert that it's not a big deal if fuel contaminants get into the groundwater because it's easy to remove. They also may assert that even if large amounts of fuel were to leak from the tanks, there's no chance it would migrate to the Halawa Shaft or Moanalua Wells. The Department disagrees and states that this is a public trust, high quality resource and it should not be contaminated. Mr. Miyashiro added that the resolution is a restatement of the Department's policy to deliver safe water to their customers and is consistent with the Department's mission to provide safe, dependable, and affordable water. Mr. Miyashiro agrees that this resolution would support the Manager and the Department in their ongoing efforts to ensure they meet their obligations.

Board Member Andaya inquired if the resolution would be distributed to the ratepayers and to the media. Mr. Lau replied that the resolution would just be included in the minutes of this meeting and would be the Board's and Department's statement policy that this is a pristine, high quality public trust resource and the Board and Department do not agree that it's okay to allow fuel to get into it when there are opportunities for the owner of the facility to prevent that.

**MOTION TO
ADOPT**

David Hulihee motioned to adopt Resolution No. 860, 2015, No More Fuel Contamination of Oahu's Groundwater Aquifers. The motion was seconded by Adam Wong and unanimously carried

RESOLUTION NO. 860, 2015, NO MORE FUEL CONTAMINATION OF OAHU'S GROUNDWATER AQUIFERS, ADOPTED ON SEPTEMBER 28, 2015			
	AYE	NO	COMMENT
DUANE R. MIYASHIRO	X		
ADAM C. WONG	X		
DAVID C. HULIHEE	X		
KAPUA SPROAT			ABSENT
BRYAN P. ANDAYA	X		
ROSS S. SASAMURA	X		
FORD N. FUCHIGAMI			ABSENT

BOARD OF WATER SUPPLY
CITY AND COUNTY OF HONOLULU

RESOLUTION NO. 860, 2015

NO MORE FUEL CONTAMINATION OF O'AHU'S GROUNDWATER AQUIFERS

WHEREAS, O'ahu's drinking water aquifer is a high quality pristine water resource held in trust and to be protected for the benefit of the people pursuant to Article XI, Sections 1 and 7 of the Hawai'i State Constitution; and

WHEREAS, on January 13, 2014, the United States Navy reported a 27,000 gallon leak of jet fuel from its Red Hill Bulk Fuel Storage Facility; and

WHEREAS, the Red Hill facility contains twenty steel lined concrete tanks built between 1940 and 1943, each able to hold 12.5 million gallons of fuel; and

WHEREAS, several Navy studies document fuel leaks dating back to 1947, the tanks' steel lining are wearing from corrosion; the groundwater underneath the tanks is contaminated with fuel chemicals; and risks of large catastrophic fuel releases; and

WHEREAS, the bottom of the Red Hill tanks are 100-feet above a sole source aquifer designated by the United States Environmental Protection Agency in 1987 as a major source of drinking water for O'ahu residents and visitors; and

WHEREAS, pure water is our greatest need. For the sake of our keiki o ka 'āina, O'ahu's groundwater resources should be preserved, kept pristine and protected now and into the future; and

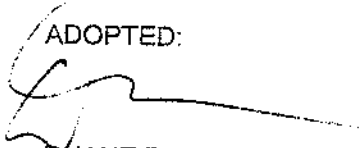
WHEREAS, this high quality groundwater is a public trust resource that should not be degraded by any more fuel contamination from the Red Hill Facility. Regardless of whether fuel contamination migrates in groundwater or not, fuel is not indigenous to the environment and should not be there in the first place; now, therefore

BE IT RESOLVED by the Members of the Board of Water Supply, City and County of Honolulu, that the groundwater should be restored by the Navy to its original pristine condition by cleaning up the fuel contamination that exists there now and preventing future leaks regardless of amount; and

BE IT FURTHER RESOLVED that the Board supports the department in taking the measures necessary to protect, defend and safeguard the groundwater; and

BE IT FINALLY RESOLVED that the Members of this Board will not accept any more fuel contamination of O'ahu's groundwater aquifers.

ADOPTED:



DUANE R. MIYASHIRO
Chair

Honolulu, Hawaii
September 28, 2015

ITEM FOR INFORMATION NO. 1

"September 28, 2015

GROUNDWATER
LEVELS

Chair and Members
Board of Water Supply
City and County of Honolulu
Honolulu, Hawaii 96843

Chair and Members:

Subject: Status Update of Groundwater Levels at All Index
Stations

There are two aquifer index wells within low groundwater status for the production week that ended on September 12, 2015. Punaluu is under a Caution status, while Kaimuki is under an Alert status. The weekly production average for the period was 134.88 million gallons per day.

The Board of Water Supply rainfall index for the month of August 2015 was 176 percent of normal, with a 5-month moving average of 113 percent. As of September 15, 2015, the Hawaii Drought Monitor shows no abnormally dry conditions for Oahu.

The National Weather Service is forecasting above-normal rainfall through October 2015 (primarily associated with a heavy storm season). Climate models indicate El Niño conditions may continue through the winter season, yielding below-normal rainfall from December 2015 through April 2016.

Most index monitor wells have started to exhibit increasing trends due to the increased rainfall from the month of August 2015 into the beginning of September 2015, and the associated decrease in pumpage during the same time period.

Respectfully submitted,

/s/ ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

Attachments"

The foregoing was for information only.

DISCUSSION

Barry Usagawa, Water Resources Program Administrator, gave the report. Mr. Miyashiro inquired about the status of Makaha Shaft. Mr. Usagawa replied that there was a failure at the shaft so it inundated all of the equipment, taking the head level monitor and pumps out of service, so it is under repair. Mr. Lau stated that this doesn't mean the water level dropped as much, just that the station is no longer operational until repairs are completed.

PUMPAGE, HEAD, AND RAINFALL REPORT

Week of 9/06/15 to 9/12/15

STATION		HEAD	STATION	MGD	HEAD	STATION	MGD	HEAD		MGD	HEAD
METRO			WINDWARD			EWA-WAIAANAE (CONT)			PH (CONT)		
KULIOUOU	0.00					MAKAHA IV	0.00		PEARL CITY II	1.09	
WAILUPE	0.00		WAIMANALO II	0.31		MAKAHA V	0.00		PEARL CITY III	0.35	
WAIALAE-IKI	0.00		WAIMANALO III	0.53		MAKAHA VI	0.00		WAIAU	0.68	
AINA KOA	0.47		KUOU I	0.00		MAKAHA SHAFT	0.00	nodata	NEWTOWN	2.15	
AINA KOA II	0.94		KUOU II	0.10		KAMAILE	0.37		KAONOHI I	0.78	
WAIALAE SHAFT	0.00		KUOU III	0.77		WAIAANAE I	0.34		WAIMALU I	0.51	
MANOA II	0.00		LULUKU	1.00		WAIAANAE II	0.41		AIEA	0.23	
PALOLO	0.89		HAIKU	0.29		WAIAANAE III	0.33		AIEA GULCH 497	0.47	
KAIMUKI HIGH	3.10	20.92	IOLEKAA	0.00		MAKAKILO	0.83		AIEA GULCH 550	0.22	
KAIMUKI LOW	0.58		KAHALUU	0.88		HONOULIULI I	4.05		HALAWA 277	1.98	
WILDER	6.88		WAIHEE	0.00		HONOULIULI II	3.84		HALAWA 550	0.00	
BERETANIA HIGH	4.25	22.05	KAHANA	0.93		SUBTOTAL:	12.03		KAAHUMANU MTR(-)	0.00	
BERETANIA LOW	4.35		PUNALUU I	0.00	16.86	IMPORT FROM PH			KAAMILO FLO MTR (-)	0.00	
KALIHI HIGH	0.00	21.72	PUNALUU II	2.55		KAPOLEI LINE BSTR	13.63		KUNIA I	4.89	18.00
KALIHI LOW	0.00		PUNALUU III	1.24		HONOULIULI LB FLOW	16.57		KUNIA II	1.97	
KAPALAMA	1.52		KALUANUI	1.07		EWA BEACH FLOW	4.31		KUNIA III	1.30	
KALIHI SHAFT	6.45		MAAKUA	0.27		HONOULIULI I (-)	-4.05		HOAEAE	5.49	
MOANALUA	1.28	18.58	HAUULA	0.00		HONOULIULI II (-)	-3.84		EWA SHAFT	0.00	
SUBTOTAL:	32.71					SUBTOTAL:	26.62		WAIPAHU INTCON. (-)	-2.74	
			KAHUKU	0.28					EWA-WAIAANAE (-)	-26.62	
IMPORT FROM PH			OPANA	1.02		PEARL HARBOR			PH LOCAL USE:	11.97	
HALAWA SHAFT	10.49	15.91	WAIALEE I	0.00		WAHIAWA	0.79		TOTAL SUBURBAN:	63.83	
KAAMILO	0.00		WAIALEE II	0.00		WAHIAWA II	1.89				
KALAUAO	7.01	16.22	SUNSET BEACH	0.00		MILILANI I	3.22		KALAUAO SPRINGS	0.55	
PUNANANI	11.88		SUBTOTAL:	11.24		MILILANI II	0.00		BARBERS POINT (NP)	0.91	
KAONOHI II	0.00					MILILANI III	0.66		GLOVER TUNNEL (NP)	0.48	
WAIMALU II	0.00	14.42	WIND. EXPORT	0.14		MILILANI IV	1.20				
KAAHUMANU	1.02					WAIPIO HTS.	0.19		HEAD CONDITION		
HECO WAIAU	0.00		HALEIWA-WAIALUA			WAIPIO HTS. I	0.12		CAUTION	ALERT	CRITICAL
MANANA	0.49		HALEIWA	0.00		WAIPIO HTS. II	0.30		PUNALUU	KAIMUKI	
KAAHUMANU FLOW MT	0.00		WAIALUA	2.11		WAIPIO HTS. III	1.16				
KAAMILO FLOW MTR	0.00		SUBTOTAL:	2.11		WAIPAHU	2.74	17.63			
TOTAL IMP/EXP WAIP. INT:	0.00					WAIPAHU II	1.00				
IMPORT FRM WIND:	0.14		EWA-WAIAANAE			WAIPAHU III	1.39				
SUBTOTAL:	31.03		MAKAHA I	0.89		WAIPAHU IV	2.85				
			MAKAHA II	0.43		PEARL CITY SHAFT	1.14	14.03			
TOTAL METRO:	63.74		MAKAHA III	0.54		PEARL CITY I	0.57				

CWRM PERMITTED USE FOR BWS POTABLE SOURCES						PUMPAGE	2015	2014	GRAVITY	2015	2014
WATER DISTRICTS	A	B	C	D	E	SUBURB.	83.83	73.69	SUBURB.	6.91	6.97
	PERMITTED USE		DIFF.	YEAR/ DATE	DIFF.	METRO	63.74	69.44	METRO	0.40	0.43
	USE	2015	B-A		D-A	TOTAL:	127.57	143.13	TOTAL:	7.31	7.40
HONOLULU	45.27	33.11	-12.16						Manoa	0.17	
WINDWARD	25.21	15.29	-9.92			NUUANU #5			Paloalo	0.23	
NORTH SHORE	4.08	3.41	-0.67			(rainfall)	1.06"	0.48"	Waim. I&II	0.08	
WAHIAWA	4.27	2.68	-1.59						Waim. III&IV	0.19	
WAIAANAE	4.34	4.33	-0.01						Waihee incl.	0.96	
EWA-KUNIA	15.88	8.72	-7.16						Waihee tun.	0.00	
PEARL HARBOR	92.66	69.54	-23.12						Luluku	0.06	
TOTAL:	191.71	137.08	-54.63						Haiku	2.06	
									Kahaluu	2.00	
									Waia. C&C	1.40	
									Waia plant.	0.16	

DROUGHT STATUS REPORT
DRAFT IN MGD

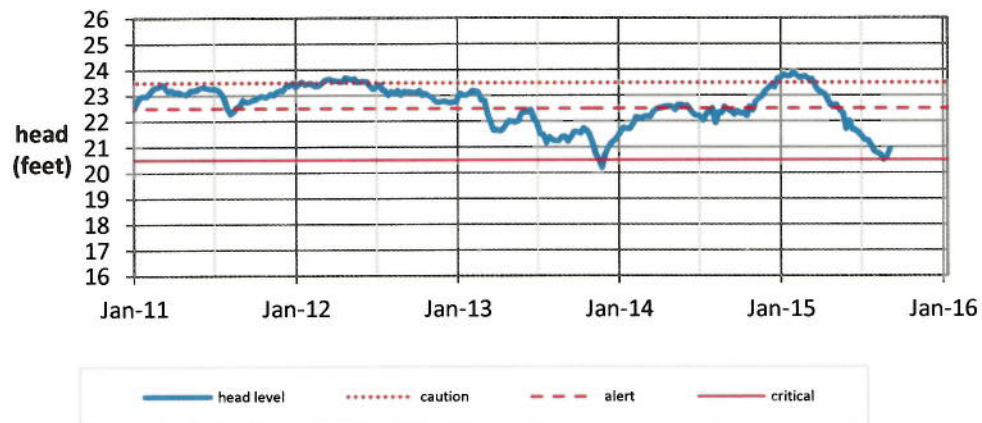
WATER USE DISTRICT	AUTHORIZED USE	2014	9/06-9/12 2015						
HONOLULU	45.27	35.77	33.25						
WINDWARD	25.21	14.08	15.15						
NORTH SHORE	4.08	4.39	3.41						
WAHIAWA	4.27	3.95	2.68						
EWA-WAIAANAE	20.22	32.49	40.21						
PEARL HARBOR	92.66	59.85	40.18						
TOTAL	191.71	150.53	134.88						

Accounts for in-district pumpage and transfers

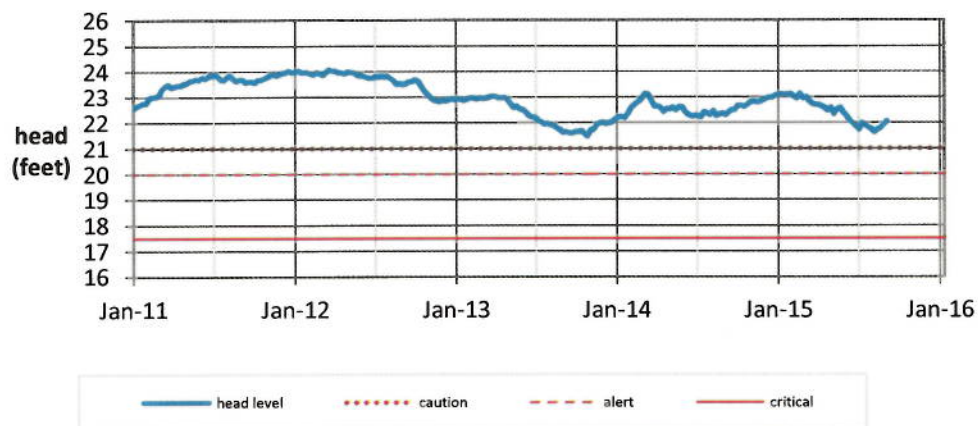
HEAD IN FEET

		2014	9/06-9/12 2015						
HONOLULU									
KAIMUKI		22.45	20.92						
BERETANIA		22.30	22.05						
KALIHI		21.79	21.72						
MOANALUA		19.00	18.58						
PEARL HARBOR									
HALAWA		16.40	15.91						
KALAUAO		16.95	16.22						
PEARL CITY		14.63	14.03						
WAIPAHU		18.06	17.63						
KUNIA		18.39	18.00						
EWA-WAIAANAE									
MAKAHA		13.18	NO DATA						
WINDWARD									
PUNALUU		17.28	16.86						
KALUANUI		17.14	16.74						
NORTH SHORE									
WAIALUA		11.28	11.18						

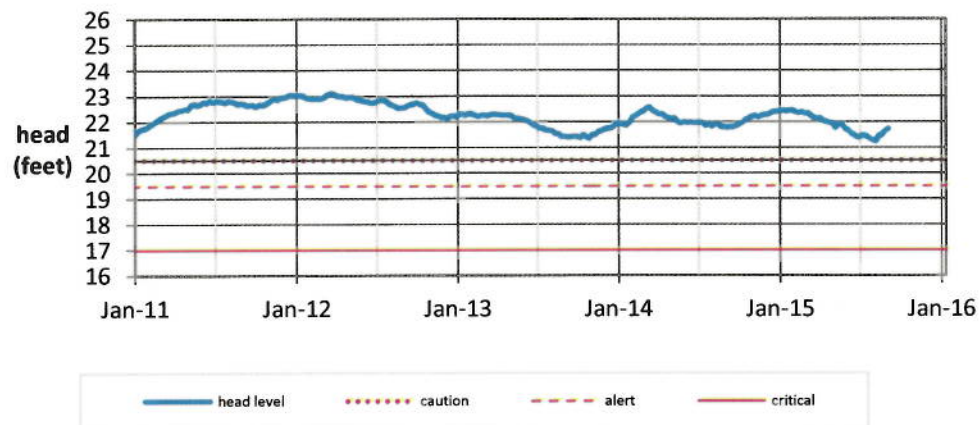
Kaimuki



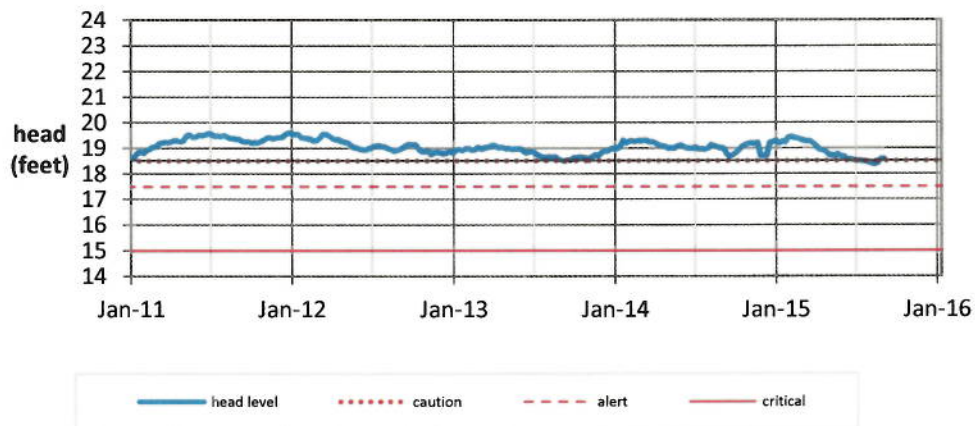
Beretania



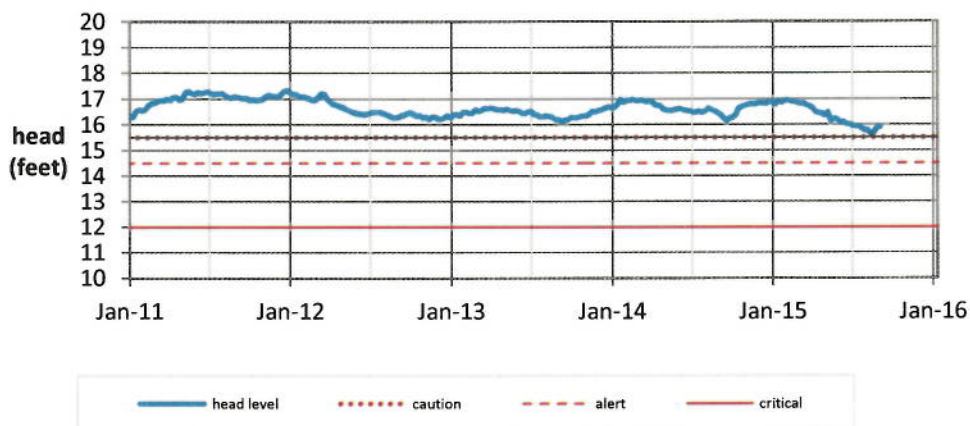
Kalihi



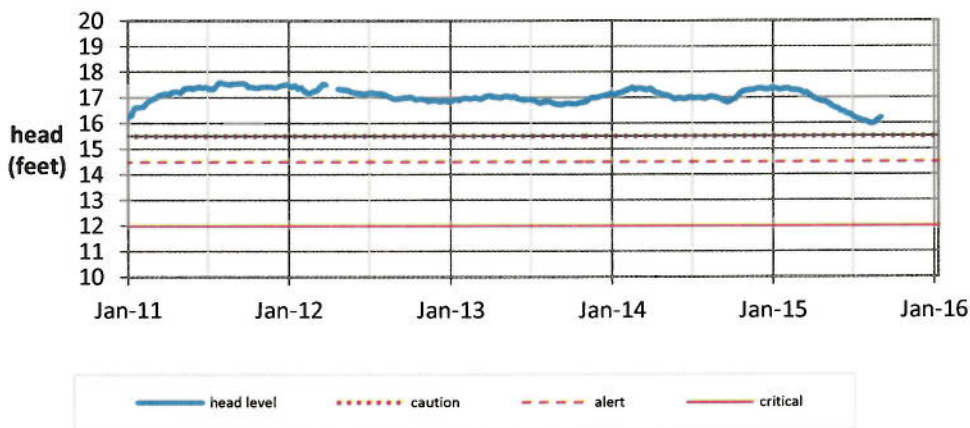
Moanalua



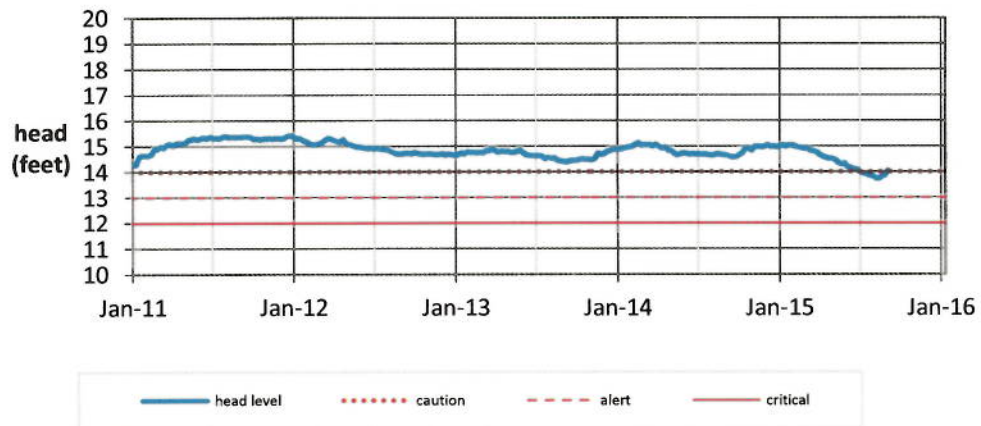
Halawa



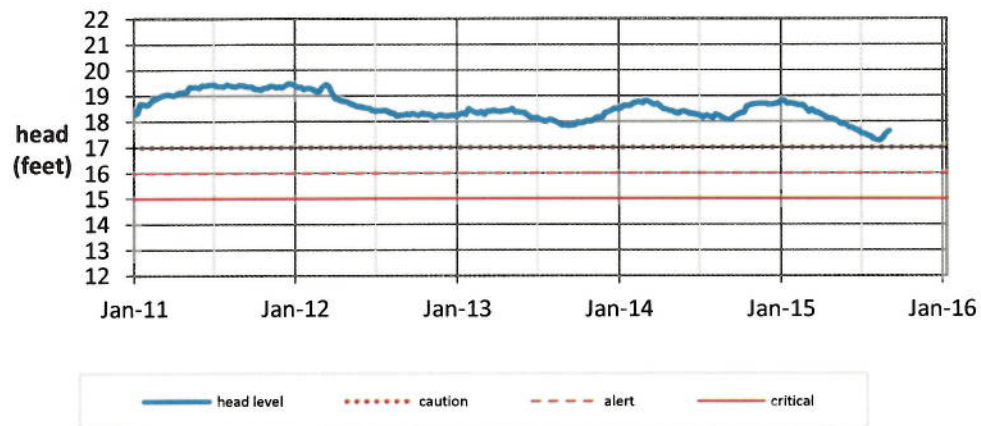
Kalauao



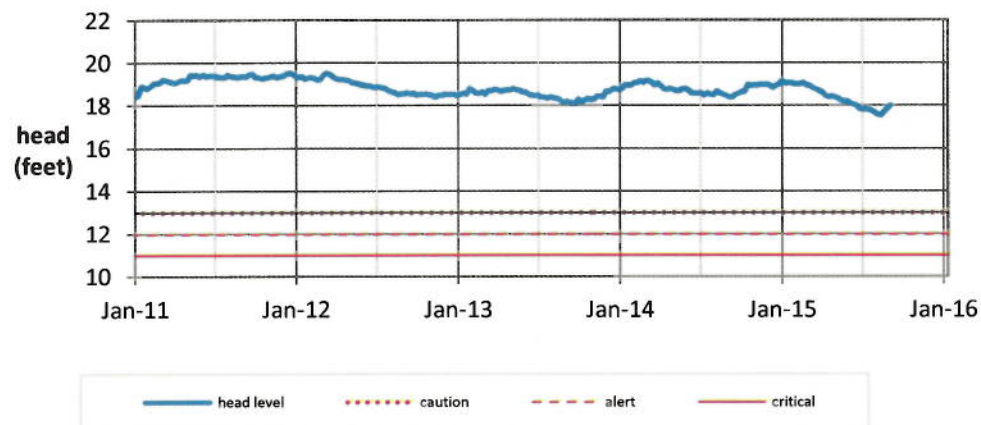
Pearl City



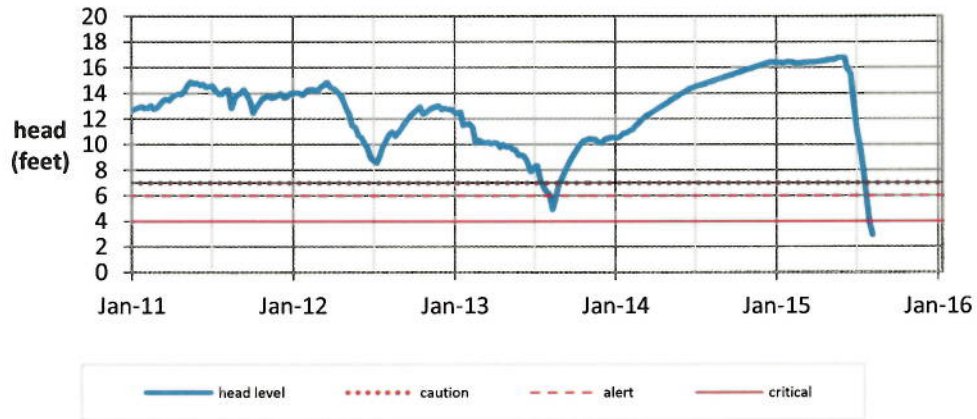
Waipahu



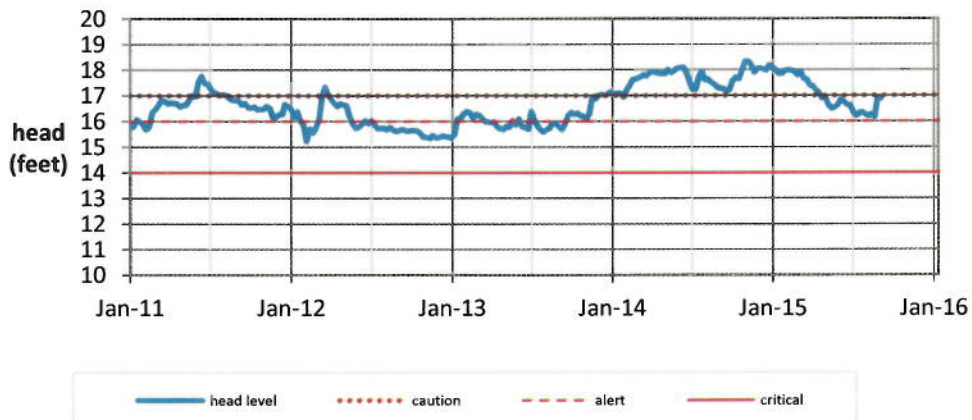
Hoeae-Kunia



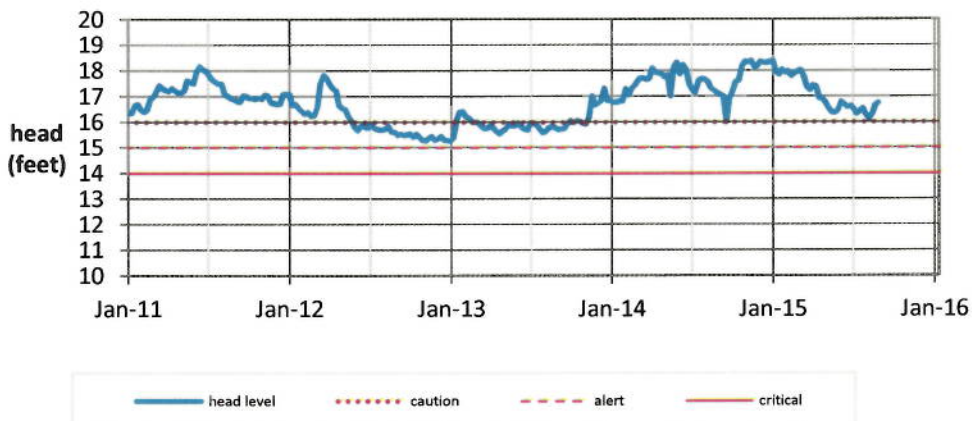
Makaha Out of Service since 8/17/15



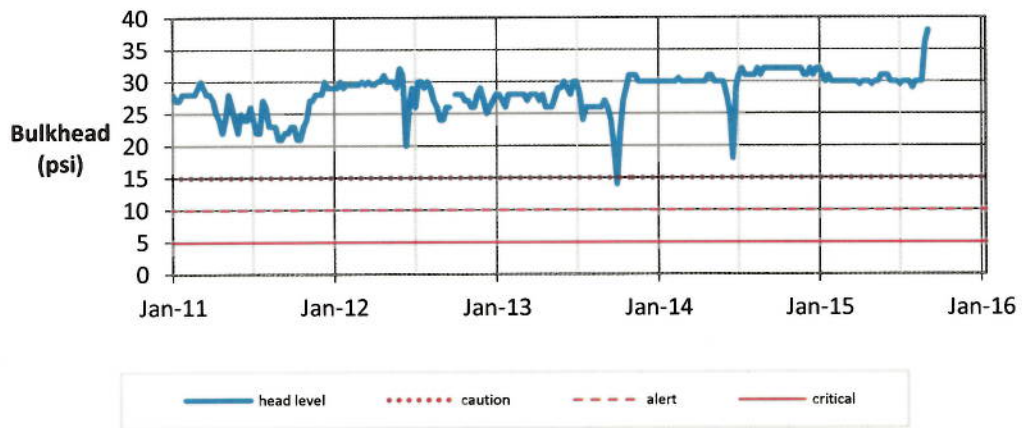
Punaluu



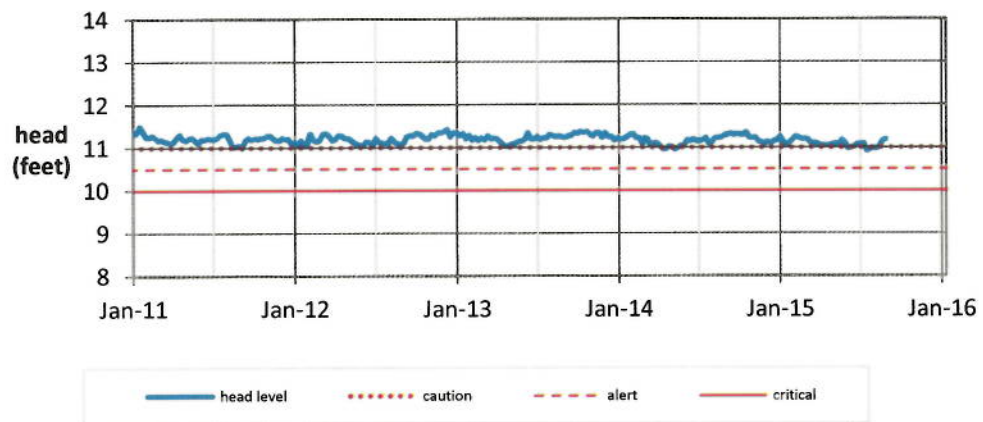
Kaluauui

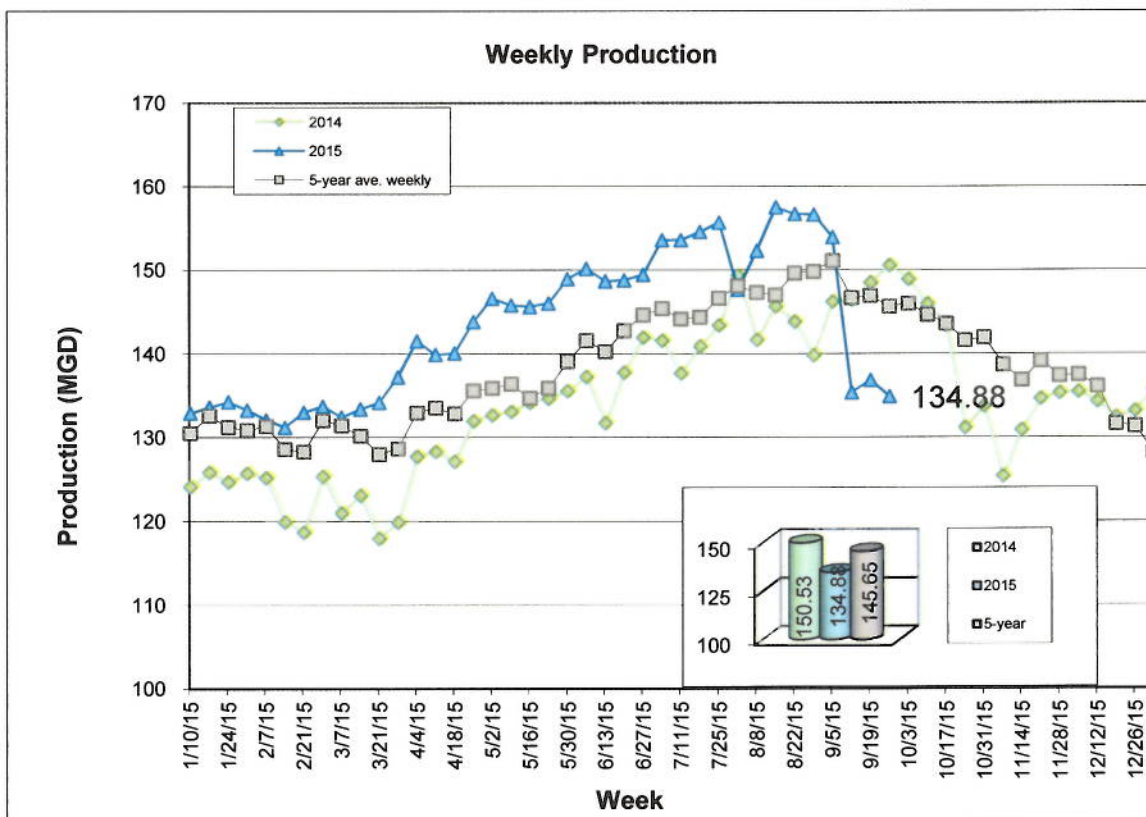
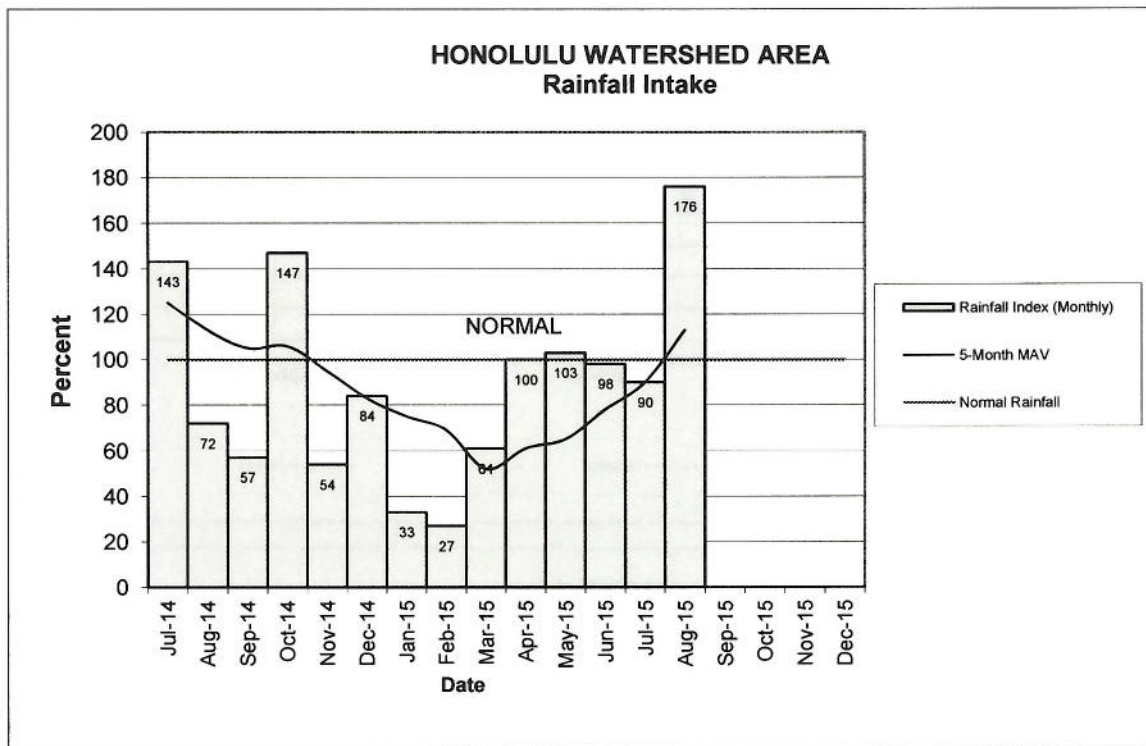


Waihee Tunnel

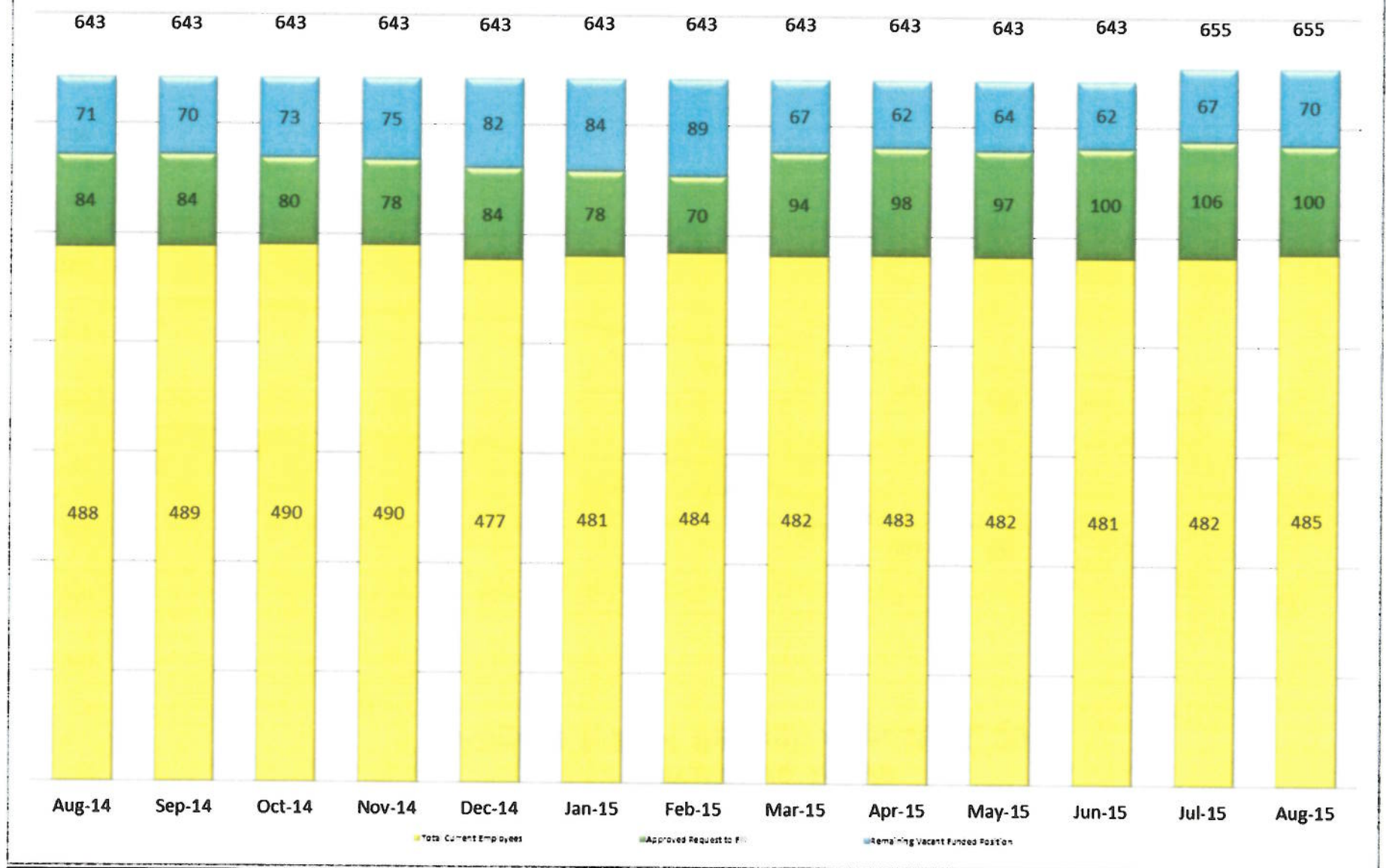


Waialua

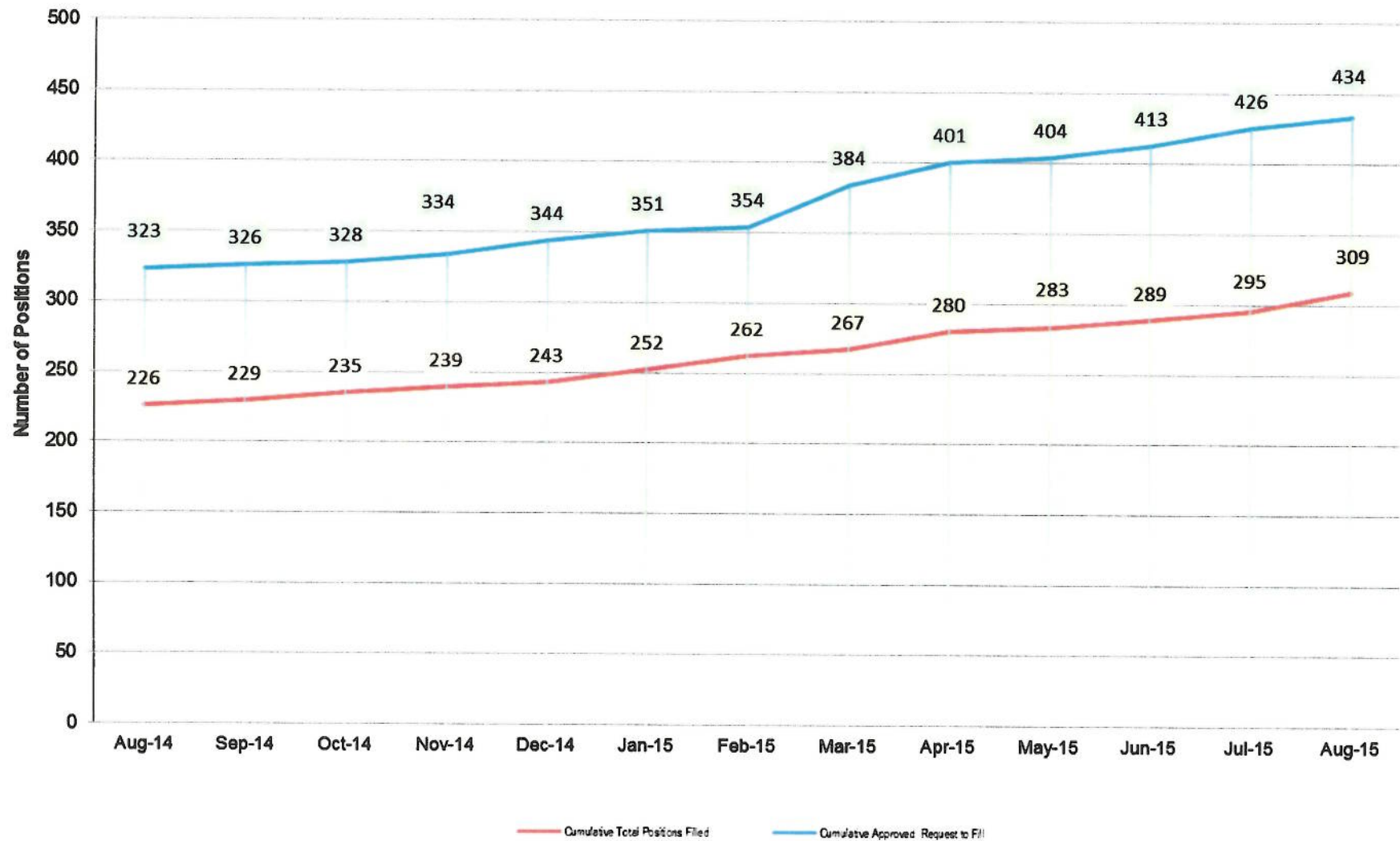




Positions Filled August 1, 2014 through August 31, 2015



Cumulative Totals August 1, 2014 through August 31, 2015



DISCUSSION

Karen Tom of the Human Resources Office gave the report. She stated that the divisions are interviewing for 21 positions and they are waiting for 14 lists from the Department of Human Resources, to fill 14 positions. There were no comments or discussion.

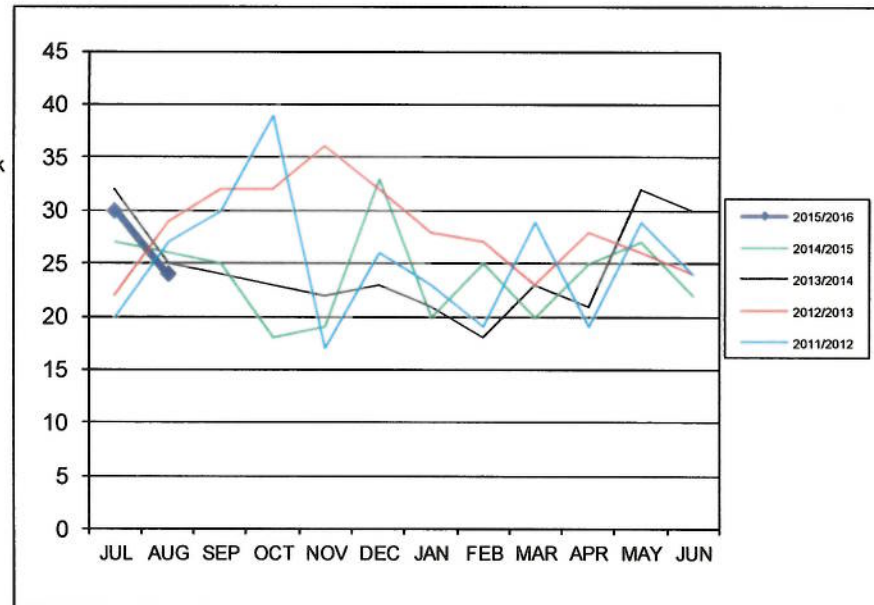
ITEM FOR INFORMATION NO. 3

WATER MAIN REPAIR REPORT

for August 2015

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total
2015/2016	30	24											54
2014/2015	27	26	25	18	19	33	20	25	20	25	27	22	287
2013/2014	32	25	24	23	22	23	21	18	23	21	32	30	294
2012/2013	22	29	32	32	36	32	28	27	23	28	26	24	339
2011/2012	20	27	30	39	17	26	23	19	29	19	29	24	302

Date	Address	Size	Cause
8/2	259 Anapalau Pl.	8" C.I.	Corrosion
8/5	117 Mango St.	8" C.I.	Corrosion
8/6	334 Hookela Pl.	12" P.V.C.	Clamp
8/6	400 bl. Kawaihoa Rd.	12" C.I.	Corrosion
8/7	4239 Halupa St.	12" P.V.C.	Bear on Rock
8/7	Paoa Pl. near Kalia Rd.	8" P.V.C.	Damage
8/8	92-1050 Palahia St.	12" D.I.	Settlement
8/9	1030 Noble Ln.	6" D.I.	Corrosion
8/10	70 Puiwa Rd.	12" P.V.C.	Unknown
8/10	92-646 Palailai St.	8" C.I.	Corrosion
8/11	92-646 Palailai St.	8" C.I.	Corrosion
8/11	92-646 Palailai St. (2nd break)	8" C.I.	Corrosion
8/11	62 Puiwa Rd.	12" P.V.C.	Unknown
8/11	1765 Hoowae St.	6" C.I.	Corrosion
8/12	98-887 Moanalua Rd.	12" C.I.	Settlement
8/13	3472 Hardesty St.	8" D.I.	Unknown
8/13	3421 Woodlawn Dr.	8" C.I.	Corrosion
8/14	1030 Noble Ln.	6" D.I.	Corrosion
8/14	91-512 Onelua St.	8" C.I.	Corrosion
8/17	98-149 Pahemo St.	8" P.V.C.	Clamp
8/18	1206 Kainui Dr.	12" C.I.	Pressure
8/20	87-360 Kulaaupuni St.	8" P.V.C.	Clamp
8/22	455 Kokea St.	12" C.I.	Settlement
8/25	opp. 67-635 Kahui St.	8" C.I.	Corrosion



Bold * - Pro-active Leak Repair

18.9 miles of pipelines were surveyed by the Leak Detection Team in the month of August.

DISCUSSION

Mr. Lau stated that Field Operations Program Administrator Daryl Hiromoto will give the report and explained that the Field Operations Division is responsible for maintaining the water system – the pipes, the fire hydrants, valves, meters, etc.

Mr. Hiromoto started by apologizing to the Board for submitting an inaccurate report. He explained that the report was not complete when he submitted it and his unofficial count is closer to 32 main breaks rather than 24. Mr. Hiromoto informed the Board that he will make the corrections next month.

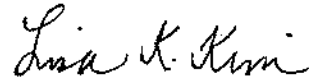
Mr. Lau explained to new Board Member Andaya that there are 2100 miles of pipeline in the system, all different ages, some being close to 100 years old. There are a lot of pipes in the ground, so there are a lot of breaks. Mr. Lau stated that for the last two fiscal years, they have managed to keep the number to under 300 main breaks.

MOTION TO
ADJOURN

There being no further business Chair Miyashiro at 2:18 PM called for a motion to adjourn the Open Session. Ross Sasamura so moved; seconded by David Hulihee and unanimously carried.

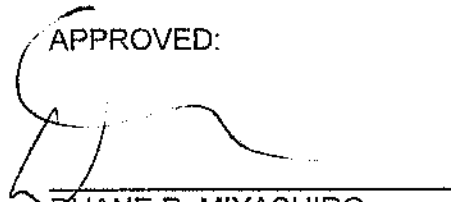
Respectfully submitted,

THE MINUTES OF THE REGULAR SESSION BOARD MEETING ON SEPTEMBER 28, 2015 WERE APPROVED AT THE OCTOBER 26, 2015 BOARD MEETING			
	AYE	NO	COMMENT
DUANE R. MIYASHIRO	X		
ADAM C. WONG	X		
DAVID C. HULIHEE	X		
KAPUA SPROAT			ABSTAINED
BRYAN P. ANDAYA	X		
ROSS S. SASAMURA	X		
FORD N. FUCHIGAMI	X		



LISA K. KIM

APPROVED:



DUANE R. MIYASHIRO
Chair of the Board

OCT 26 2015

Date