

# MINUTES

## REGULAR MEETING OF THE BOARD OF WATER SUPPLY

July 25, 2011

At 2:00 PM on July 25, 2011, in the Board Room of the Public Service Building at 630 South Beretania Street, Honolulu, Hawaii, Chairman Chung called to order the Regular Meeting of the Board.

Present: Randall Y. S. Chung, Chair  
Denise M. C. De Costa  
Anthony R. Guerrero, Jr.  
Theresia C. McMurdo (arrived at 2:05 p.m.)  
Adam C. Wong  
Westley K. C. Chun  
Glenn M. Okimoto

Also Present: Dean Nakano, Acting Manager  
Brendan Bailey  
Darwin Ching  
Marc Chun  
Gary Fernandez  
Daryl Hiromoto  
Erwin Kawata  
Paul Kikuchi  
Jan Kemp  
Susan Oda  
Danielle Ornellas  
Carolyn Sawai  
Jonathan Suzuki  
Jason Takaki  
Karen Tom  
Kurt Tsue  
Barry Usagawa  
Susan Uyesugi  
Ron Wada  
Wayne Yoshimura

Others Present: Krishna Jayaram, Deputy Corporation Counsel  
Duane Pang, Deputy Corporation Counsel  
Vera Onouye, Department of Human Resources



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

**RESOLUTION NO. 813, 2011**

**CONGRATULATING THE BWS WOMEN'S  
PIPE TAPPING TEAM FOR THEIR AWWA TITLE**

**WHEREAS**, CAROLYN SAWAI, DANIELLE ORNELLAS, SUSAN ODA, and GARY FERNANDEZ of the Board of Water Supply (BWS), City and County of Honolulu, represented the Hawaii Section of the American Water Works Association (AWWA) with honor and excellence in the Pipe Tapping Contest, Women's Division, held on June 14 and 15, 2011, in Washington, D.C.; and

**WHEREAS**, the Pipe Tapping Contest is a much anticipated competition at the annual conference and exposition that is coordinated by the AWWA, the world's largest organization of drinking water supply professionals; and

**WHEREAS**, this competition, which is based on the skills and teamwork required of pipefitters, tests the ability of a team to complete a service connection to a live waterline in the fastest time, while still adhering to strict industry standards; and

**WHEREAS**, through their resolve and proficiency, the pipe tapping team of CAROLYN SAWAI, DANIELLE ORNELLAS, SUSAN ODA, and GARY FERNANDEZ prevailed in the Women's Division of the contest with a best time of two minutes, 35.81 seconds (2:35:81) to retain their championship title from the previous year; and

**WHEREAS**, through this notable achievement, the team has brought pride to the Department and enhanced its reputation within our local and national community of water supply professionals; 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 CAROLYN SAWAI, DANIELLE ORNELLAS, SUSAN ODA, and GARY FERNANDEZ our sincere congratulations on their victory in the AWWA's Pipe Tapping Contest, Women's Division, of their outstanding accomplishment in Washington, D.C.; and

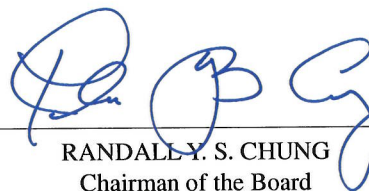
**BE IT FURTHER RESOLVED** that the Members of this Board express to these individuals our deepest gratitude for representing the Department and the Hawaii Section of the AWWA, as well as our steadfast support and best wishes for when they defend their title in the 2012 AWWA Pipe Tapping Contest in Dallas, Texas; and

**BE IT FINALLY RESOLVED** that a copy of this Resolution be presented to CAROLYN SAWAI, DANIELLE ORNELLAS, SUSAN ODA, and GARY FERNANDEZ with our warmest aloha and appreciation for their excellent efforts.



Resolution No. 813, 2011

Adopted this 25th day of July, 2011  
Board of Water Supply, Honolulu, Hawaii

  
RANDALL Y. S. CHUNG  
Chairman of the Board

**MOTION TO  
ADOPT**

Denise De Costa motioned to Adopt Resolution No. 813, 2011, Congratulating the BWS Women's Pipe Tapping Team for their AWWA Title. The motion was seconded by Glenn Okimoto and unanimously approved.

RESOLUTION NO. 813 2011 – CONGRATULATING THE BWS WOMEN'S PIPE TAPPING TEAM FOR THEIR AWWA TITLE WAS ADOPTED ON JULY 25, 2011			
	AYE	NO	COMMENT
RANDALL Y. S. CHUNG	X		
DENISE M. C. DE COSTA	X		
ANTHONY R. GUERRERO, JR.	X		
THERESIA C. MCMURDO			ABSENT
ADAM C. WONG	X		
WESTLEY K. C. CHUN	X		
GLENN M. OKIMOTO	X		

Each team member was presented with a framed signed copy of the resolution.

**APPROVAL  
OF MINUTES**

Approval of the Minutes of the Regular Meeting held on June 22, 2011.

**MOTION  
TO APPROVE**

Theresa McMurdo and Anthony Guerrero motioned and seconded, respectively, to approve the Minutes of the Regular Session Meeting of June 22, 2011. The motion for approval was unanimously carried.

**DISCUSSION**

Acting Manager, Dean Nakano, brought to the Board's attention that the attachment showing the new schedule of rates and charges had a typographical error on the fiscal years listed. However, the fiscal years listed on the Board letter authorizing a public hearing were correct.

Ex-Officio, Westley Chun, remarked if we follow the Board of Water Supply's bylaws, a vice-chairman is also elected annually and requested this be placed on the agenda for the next board meeting.

"July 25, 2011

FINANCIAL  
UPDATE

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

Chairman and Members:

Subject: Financial Update for the Period Ended June 30, 2011

The following Board of Water Supply's financial reports are attached:

- Budget vs Actual Revenue and Expense Totals
- Statement of Revenues, Expenses and Change in Net Assets
- Balance Sheet
- Budget vs Actual Appropriate Budget – Total BWS Summary

Respectfully submitted,

/s/ Dean A. Nakano  
DEAN A. NAKANO  
Acting Manager

Attachments"

The foregoing was for information only.

DISCUSSION:

Chief Financial Officer, Paul Kikuchi, recapped the June board financials and stated the reports are pre-audit figures.



Board Of Water Supply  
Statement of Revenues, Expenses And Change In Net Assets  
For the Twelve Months Ending June 30, 2011

Current Month Actual	% Revenue	Last Year Actual	% Revenue	Description	Year to Date Actual	% Revenue	Last Year to Date Actual	% Revenue	% Change
				REVENUE					
15,776,211.04	100.00	12,829,815.42	100.00	OPERATING REVENUE	154,458,308.37	100.00	152,247,631.06	100.00	1.45
15,776,211.04	100.00	12,829,815.42	100.00	REVENUE	154,458,308.37	100.00	152,247,631.06	100.00	1.45
				OPERATING EXPENSES					
2,465,440.62-	15.63	2,302,346.73-	17.95	LABOR COSTS	28,506,709.03-	18.46	30,526,936.19-	20.05	6.62-
282,485.70-	1.79	1,157,973.77-	9.03	SERVICES	9,743,079.67-	6.31	10,149,676.77-	6.67	4.01-
143,690.00-	.91	232,607.29-	1.81	SUPPLIES	2,564,388.46-	1.66	2,698,052.56-	1.77	4.95-
2,135.00-	.01	66,761.40-	.52	EDUCATION & TRAINING	62,041.30-	.04	156,615.43-	.10	60.39-
2,308,704.51-	14.63	4,628,391.71-	36.08	UTILITIES	21,398,661.68-	13.85	20,962,808.42-	13.77	2.08
313,779.35-	1.99	476,259.88-	3.71	REPAIR AND MAINTENANCE	2,808,598.57-	1.82	3,647,606.80-	2.40	23.00-
1,703,610.05-	10.80	1,311,943.85-	10.23	MISC	14,856,499.64-	9.62	14,250,119.67-	9.36	4.26
1,159,716.60-	7.35	5,265,502.30-	41.04	RETIREMENT SYSTEM CONTRIBUTIO	17,493,524.92-	11.33	17,477,862.89-	11.48	.09
125,546.92-	.80	251,945.61	1.96	MISC EMPLOYEES' BENEFITS	342,654.14-	.22	186,842.16	.12	283.39-
8,505,108.75-	53.91	15,189,841.32-	118.39	OPERATING EXPENSES	97,776,157.41-	63.30	99,682,836.57-	65.47	1.91-
2,257,632.09-	14.31	1,562,200.95-	12.18	NON OPERATING REVENUE AND EXPE	10,150,394.76-	6.57	5,431,952.30-	3.57	86.86
1,281,316.92	8.12	3,384,257.25	26.38	CONTRIBUTION IN AID	25,146,111.25	16.28	18,130,079.85	11.91	38.70
3,990,741.47-	25.30	5,165,944.49-	40.27	OTHER EXPENSES	47,871,445.00-	30.99	47,827,441.16-	31.41	.09
2,304,045.65	14.60	5,703,914.09-	44.46	Change In Net Assets	23,806,422.45	15.41	17,435,480.88	11.45	36.54

Board Of Water Supply  
Balance Sheet  
As of June 30, 2011

Description	Amounts			Change	
	Current	Last Month End	Last Year End	This Month	This Year
ASSETS					
CURRENT ASSETS	31,794,982.60	28,769,366.68	27,312,344.23	3,025,615.92	4,482,638.37
RESTRICTED ASSETS	16,977,096.61	2,415,027.00	15,688,225.22	14,562,069.61	1,288,871.39
INVESTMENTS	170,566,345.23	182,740,060.83	164,564,855.54	-12,173,715.60	6,001,489.69
OTHER ASSETS	1,404,511.03	2,009,361.65	4,865,245.84	-604,850.62	-3,460,734.81
PROPERTY / PLANT	1,159,933,623.99	1,161,684,695.67	1,158,272,860.97	-1,751,071.68	1,660,763.02
TOTAL ASSETS	<u>1,380,676,559.46</u>	<u>1,377,618,511.83</u>	<u>1,370,703,531.80</u>	<u>3,058,047.63</u>	<u>9,973,027.66</u>
LIABILITIES					
CURRENT LIABILITIES	19,273,951.47	17,810,453.93	25,107,428.03	1,463,497.54	-5,833,476.56
OTHER LIABILITIES	20,755,219.12	20,861,580.41	24,538,737.49	-106,361.29	-3,783,518.37
BONDS PAYABLE, NONCURRENT	319,700,620.59	320,303,754.86	323,917,020.45	-603,134.27	-4,216,399.86
LIABILITIES	<u>359,729,791.18</u>	<u>358,975,789.20</u>	<u>373,563,185.97</u>	<u>754,001.98</u>	<u>-13,833,394.79</u>
NET ASSETS					
RETAINED EARNINGS	319,946,705.23	349,338,044.11	287,900,588.78	-29,391,338.88	32,046,116.45
FUND BALANCE	594,633,831.66	594,633,831.66	594,633,831.66		
RESERVE FOR ENCUMBRANCES	82,559,808.94	53,168,470.06	114,605,925.39	29,391,338.88	-32,046,116.45
CURRENT YEAR CHANGES TO FU	23,806,422.45	21,502,376.80		2,304,045.65	23,806,422.45
NET ASSETS	<u>1,020,946,768.28</u>	<u>1,018,642,722.63</u>	<u>997,140,345.83</u>	<u>2,304,045.65</u>	<u>23,806,422.45</u>
TOTAL LIABILITIES AND NET ASSETS	<u>1,380,676,559.46</u>	<u>1,377,618,511.83</u>	<u>1,370,703,531.80</u>	<u>3,058,047.63</u>	<u>9,973,027.66</u>

Board Of Water Supply  
Budget vs Actual Appropriation Budget - Total BWS Summary

(\$000's)

CIFIS 11820-3021

AS OF 6/30/2011

OPER UNIT ALL  
BUSINESS UNIT ALL

YTD-TO-DATE				Object Description	FOR THE FISCAL YEAR				
YTD Actuals	YTD Budget	Avail/ (Over)	%		Revenues/ Expend	Open Encumb	Annual Budget	Avail/ (Over)	%
<u>158,160</u>	<u>162,512</u>	<u>4,352</u>	<u>2.68</u>	<u>REVENUE</u>	<u>158,160</u>		<u>162,512</u>	<u>4,352</u>	<u>2.68</u>
OPERATING EXPENSES:									
30,643	43,549	12,906	29.64	Personnel Services	30,643		43,549	12,906	29.64
MATERIALS AND SUPPLIES									
11,854	13,653	1,799	13.18	Services	7,177	4,677	13,653	1,799	13.18
5,104	5,779	675	11.68	Supplies	4,614	490	5,779	675	11.68
149	433	284	65.59	Education & Training	88	61	433	284	65.59
	13	13	100.00	Utilities			13	13	100.00
3,161	7,179	4,018	55.97	Repairs & Maint	2,099	1,062	7,179	4,018	55.97
10,050	10,296	246	2.39	Misc	8,595	1,455	10,296	246	2.39
1,975	2,704	729	26.96	Equipment	178	1,797	2,704	729	26.96
20,917	24,178	3,261	13.49	Debt Service	20,917		24,178	3,261	13.49
FIXED CHARGES:									
21,900	23,619	1,719	7.28	Utilities	21,900		23,619	1,719	7.28
3,300	3,300			Case Fees	3,300		3,300		
6,687	7,614	927	12.17	Retirement System Contribution	6,687		7,614	927	12.17
8,836	13,548	4,712	34.78	Misc Employees' Benefits	7,698	1,138	13,548	4,712	34.78
<u>124,576</u>	<u>155,865</u>	<u>31,289</u>	<u>20.07</u>	<u>TOTAL OPERATING EXPENDITURES</u>	<u>113,896</u>	<u>10,680</u>	<u>155,865</u>	<u>31,289</u>	<u>20.07</u>
<u>33,584</u>	<u>6,647</u>	<u>(26,937)</u>		<u>NET REVENUES (EXPENDITURES)</u>	<u>44,264</u>	<u>(10,680)</u>	<u>6,647</u>	<u>(26,937)</u>	

**ITEM FOR INFORMATION NO. 2**

**BOARD OF WATER SUPPLY  
City and County of Honolulu**

**RECRUITMENT AND SEPARATION STATUS  
As of July 18, 2011**

Total Filled Positions	508
Total Vacant Positions	180
Total Positions Under Recruitment (Phase 1)	71

**Status of Positions Under Recruitment**

Pending DHR Classification Action	7
Pending DHR Open List	14
Pending Updated PD	4
Pending IDCE	10
Pending Interview Questions	12
Pending Interviews	9
Anticipated Starts	11

Month	Filled	Separated
April, 2011	5	1
May, 2011	4	13
June, 2011	2	7
July, 2011	4	0

**DISCUSSION:** Acting Manager, Dean Nakano, explained they are commencing the first tier of Phase II recruitment. They will also continue to reassess the prioritization for filling of positions.



"July 25, 2011

GROUNDWATER  
LEVELS

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

Chairman and Members:

Subject: Status Update of Groundwater Levels at Index Stations

Only one index well remains within a low groundwater status level for the production week that ended on July 9, 2011. Kaimuki remains under a caution condition. The weekly production average for the period was 139.00 million gallons per day.

The Board of Water Supply rainfall index for the month of June was 197 percent of normal with a 5-month moving average of 137 percent. Aquifer head levels are still maintaining levels that reflect the lower production rates experienced this year.

Respectfully submitted,

/s/ Dean A. Nakano  
DEAN A. NAKANO  
Acting Manager

Attachments"

The foregoing was for information only.

DISCUSSION:

In response to Board Chair's question as to why the Kaimuki Stations seem to always be in a caution level, Nakano explained the Kaimuki Stations are one of their largest and most important sources. It is difficult to rest, but do so when they can and will continue to monitor it closely.

# PUMPAGE, HEAD, AND RAINFALL REPORT

Week of 7/03/11 to 7/09/11

STATION	MGD	HEAD	STATION	MGD	HEAD	STATION	MGD	HEAD		MGD	HEAD
METRO			WINDWARD			EWA-WAIAANAE (CONT)			PH (CONT)		
KULIOUOU	0.00		WAIMANALO I	0.00		MAKAHA IV	0.00		PEARL CITY II	1.41	
WAILUPE	0.00		WAIMANALO II	0.08		MAKAHA V	0.19		PEARL CITY III	0.13	
WAIALAE-IKI	0.00		KUOU I	0.20		MAKAHA VI	0.00		WAI AU	1.80	
AINA KOA	0.15		KUOU II	0.11		MAKAHA SHAFT	0.17	14.57	NEWTOWN	1.23	
AINA KOA II	0.80		KUOU III	0.77		KAMAILE	0.00		KAONOH I	0.80	
WAIALAE SHAFT	0.00		LULUKU I	1.09		WAIAANAE I	0.11		WAIMALU I	0.00	
MANOA II	0.00		HAIKU	0.30		WAIAANAE II	0.82		AIEA	0.66	
PALOLO	0.88		IOLEKAA	0.02		WAIAANAE III	0.00		AIEA GULCH 497	0.41	
KAIMUKI HIGH	3.31	23.27	KAHALUU	0.00		MAKAKILO	1.24		AIEA GULCH 550	0.24	
KAIMUKI LOW	1.11		WAIHEE	0.00		HONOULIULI I	1.17		HALAWA 277	1.56	
WILDER	7.68		KAHANA	0.67		HONOULIULI II	7.96		HALAWA 550	0.00	
BERETANIA HIGH	4.00	23.87	PUNALUU I	0.00	17.25	SUBTOTAL:	12.87		KAAHUMANU MTR(-)	0.00	
BERETANIA LOW	1.43		PUNALUU II	3.06		IMPORT FROM PH			KAAMILO FLO MTR (-)	0.00	
KALIHI HIGH	2.92	22.82	PUNALUU III	1.08		KAPOLEI LINE BSTR	1.37		KUNIA I	2.51	19.39
KALIHI LOW	1.15		KALUANUI	0.00		HONOULIULI LB FLOW	11.76		KUNIA II	1.93	
KAPALAMA	1.22		MAAKUA	0.00		EWA BEACH FLOW	3.06		KUNIA III	2.78	
KALIHI SHAFT	7.19		HAUULA	0.16		HONOULIULI I (-)	-1.17		HOAEAE	8.50	
MOANALUA	1.22	19.54				HONOULIULI II (-)	-7.96		EWA SHAFT	0.00	
SUBTOTAL:	33.06		KAHUKU	0.38		SUBTOTAL:	7.07		WAIPAHU INTCON. (-)	-1.53	
			OPANA						EWA-WAIAANAE (-)	-7.07	
IMPORT FROM PH			WAIALEE I	0.00		PEARL HARBOR			PH LOCAL USE:	29.06	
HALAWA SHAFT	9.24	17.24	WAIALEE II	0.22		WAIHAWA	1.09		TOTAL SUBURBAN:	59.69	
KAAMILO	1.21		SUNSET BEACH	0.00		WAIHAWA II	1.89				
KALAUAO	9.50	17.37	SUBTOTAL:	8.15		MILILANI I	2.62		KALAUAO SPRINGS	1.88	
PUNANANI	11.99					MILILANI II	0.00		BARBERS POINT (NP)	1.12	
KAONOH I	0.00		WIND. EXPORT	0.50		MILILANI III	0.86		GLOVER TUNNEL (NP)	0.22	
WAIMALU II	0.00	15.98				MILILANI IV	1.53				
KAAHUMANU	1.02		HALEIWA-WAIALUA			WAIPIO HTS.	0.28		HEAD CONDITION		
HECO WAI AU	0.71		HALEIWA	0.01		WAIPIO HTS. I	0.03		CAUTION	ALERT	CRITICAL
MANANA	0.97		WAIALUA	3.03		WAIPIO HTS. II	0.37		Kaimuki		
KAAHUMANU FLOW MT	0.00		SUBTOTAL:	3.03		WAIPIO HTS. III	0.01				
KAAMILO FLOW MTR	0.00					WAIPAHU	1.53	19.43			
TOTAL IMP/EXP WAI. INT:	1.53		EWA-WAIAANAE			WAIPAHU II	0.43				
IMPORT FRM WIND:	0.50		MAKAHA I	0.00		WAIPAHU III	0.00				
SUBTOTAL:	36.67		MAKAHA II	0.18		WAIPAHU IV	1.76				
			MAKAHA III	1.05		PEARL CITY SHAFT	0.97	15.32			
TOTAL METRO:	69.73					PEARL CITY I	0.34				

CWRM PERMITTED USE FOR BWS POTABLE SOURCES						PUMPAGE	2011	2010	GRAVITY	2011	2010
	A	B	C	D	E	SUBURB.	59.69	68.26	SUBURB.	9.21	10.02
WATER DISTRICTS	PERMITTED USE	2011	DIFF. B-A	YEAR/ DATE	DIFF. D-A	METRO	69.73	70.15	METRO	0.37	0.37
						TOTAL:	129.42	138.41	TOTAL:	9.58	10.39
HONOLULU	45.27	33.43	-11.83						Manoa	0.17	
WINDWARD	25.21	15.01	-10.20			NUUANU #5			Palolo	0.20	
NORTH SHORE	4.08	3.64	-0.44			(rainfall)	0.35"	1.96"	Waim. I&II	0.15	
WAIHAWA	4.27	2.98	-1.29						Waim. III&IV	0.19	
WAIAANAE	4.34	4.25	-0.09						Waihee incl.	1.00	
EWA-KUNIA	15.88	10.36	-5.52						Waihee tun.	3.53	
PEARL HARBOR	92.66	69.32	-23.34						Luluku	0.18	
TOTAL:	191.71	139.00	-52.71						Haiku	0.00	
									Kahaluu	2.42	
									Waia. C&C	1.40	
									Waia plant.	0.34	



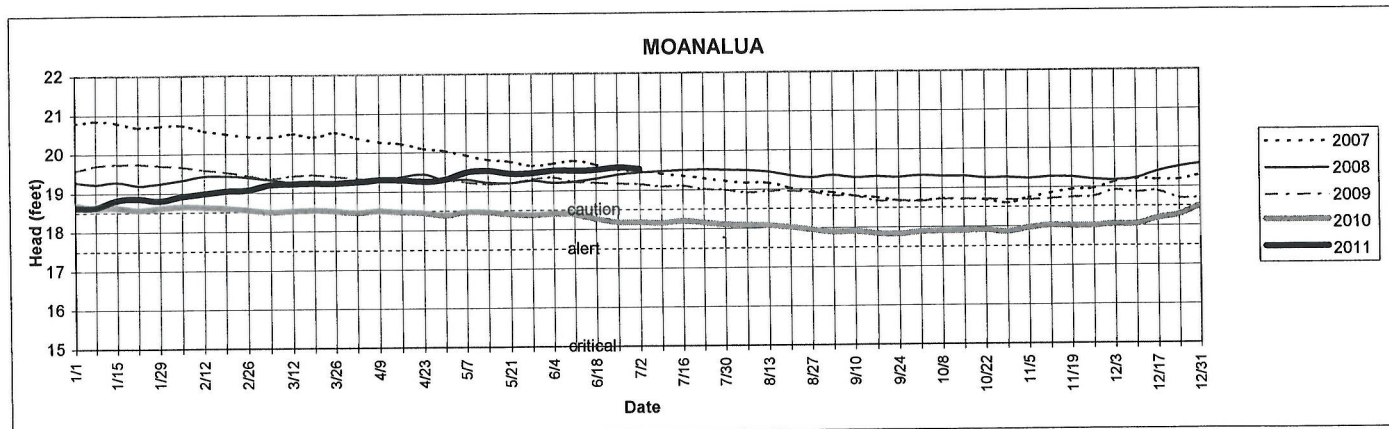
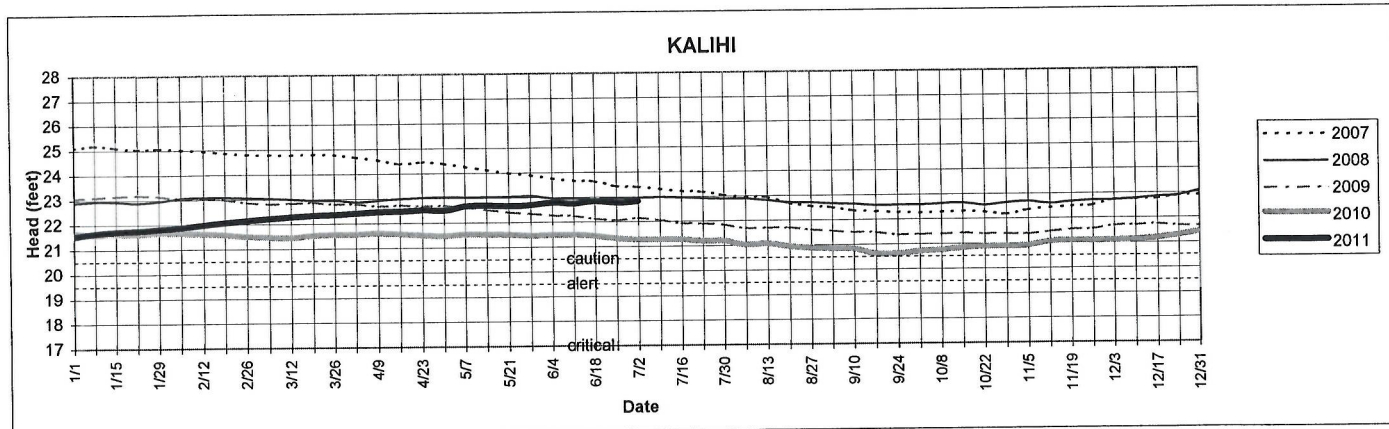
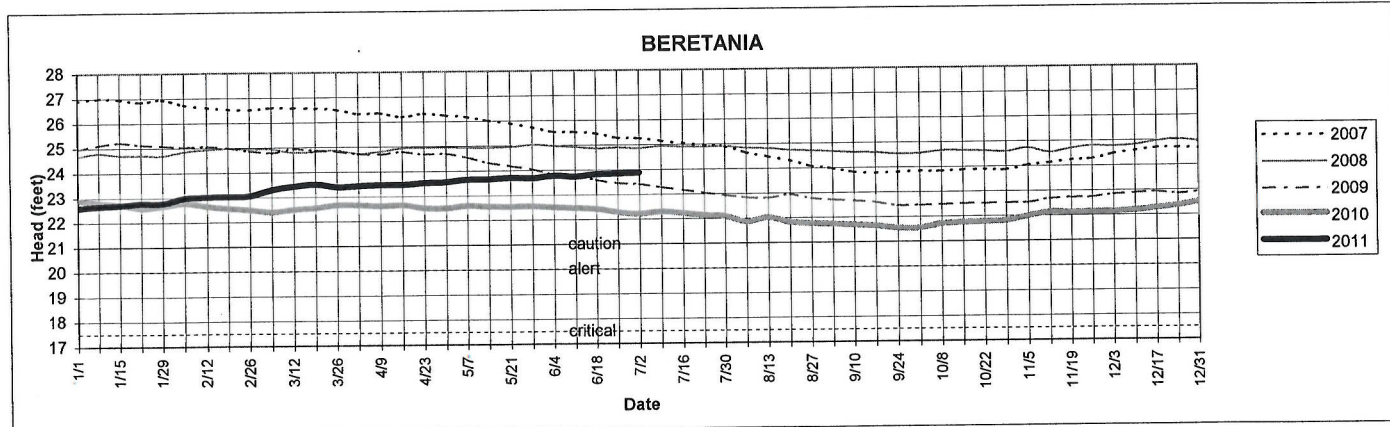
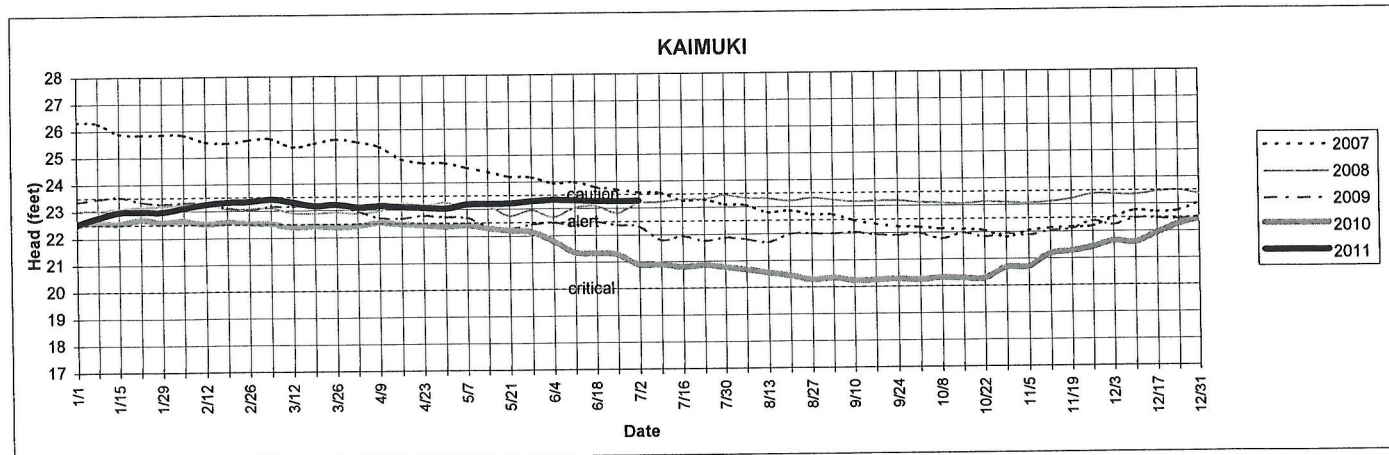
DROUGHT STATUS REPORT  
DRAFT IN MGD

WATER USE DISTRICT	AUTHORIZED USE	2010	6/19-6/25 2011	2010	6/26-7/02 2011	2010	7/03-7/09 2011		
HONOLULU	45.27	39.60	32.31	39.60	33.56	38.91	33.93		
WINDWARD	25.21	19.80	13.08	21.17	14.24	20.01	14.51		
NORTH SHORE	4.08	4.00	3.43	3.76	3.88	3.70	3.64		
WAHIAWA	4.27	3.40	2.78	3.38	2.94	3.34	2.98		
EWA-WAIANAE	20.22	22.99	21.95	21.72	22.33	21.92	21.68		
PEARL HARBOR	92.66	62.80	60.03	62.54	61.96	60.93	62.25		
TOTAL	191.71	152.58	133.59	152.18	138.91	148.81	139.00		

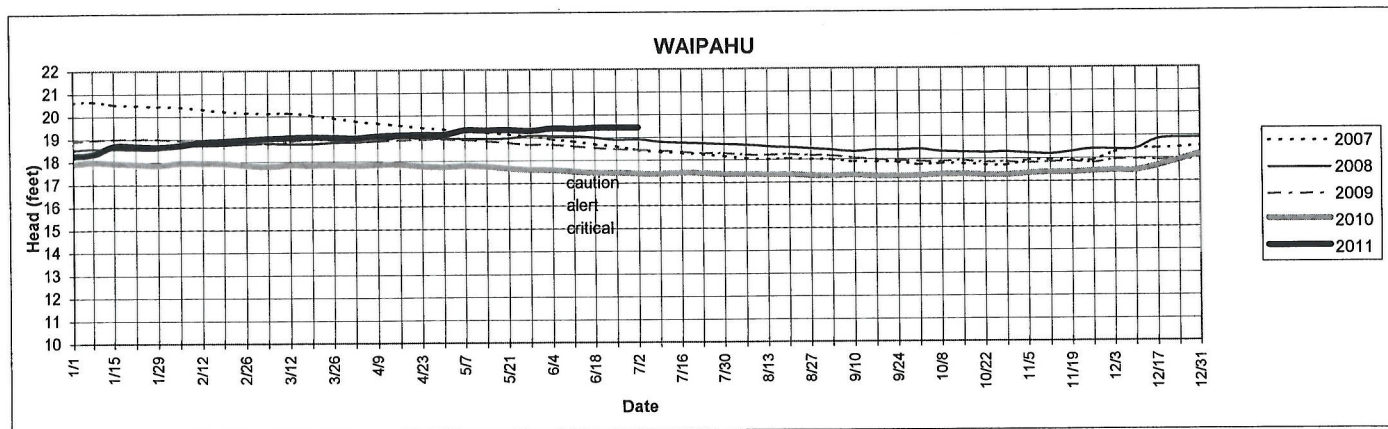
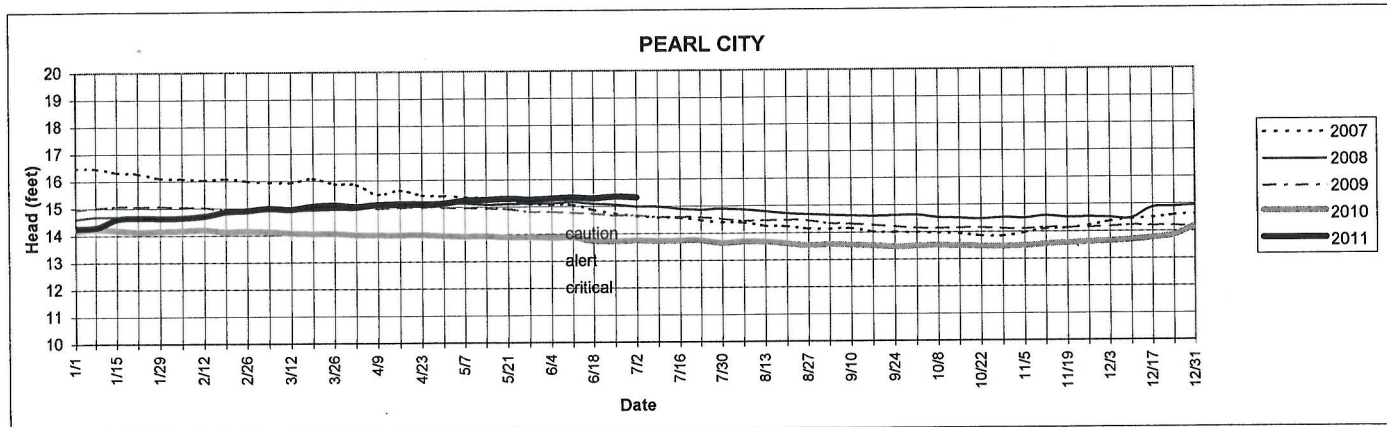
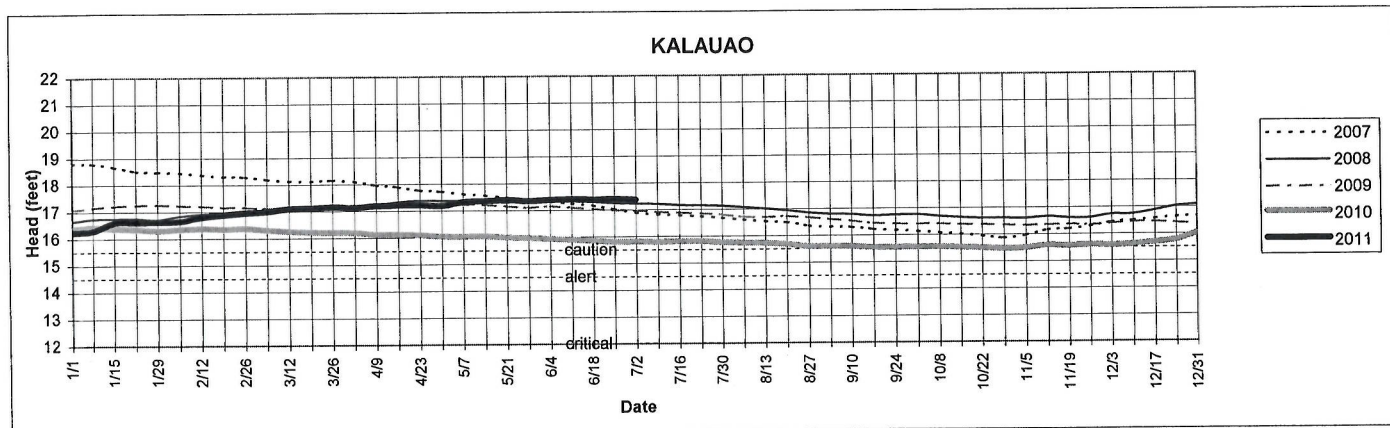
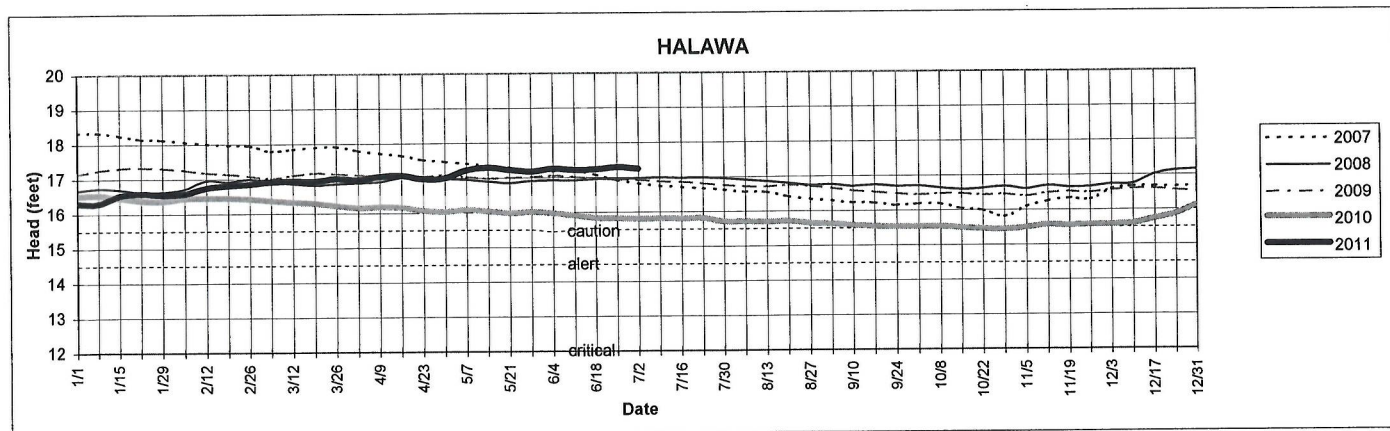
Accounts for in-district pumpage and transfers

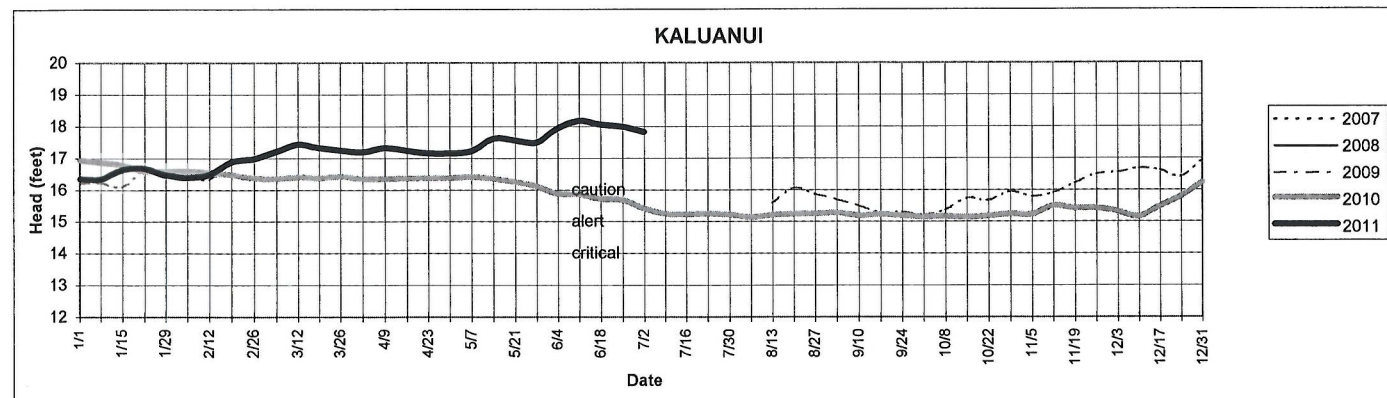
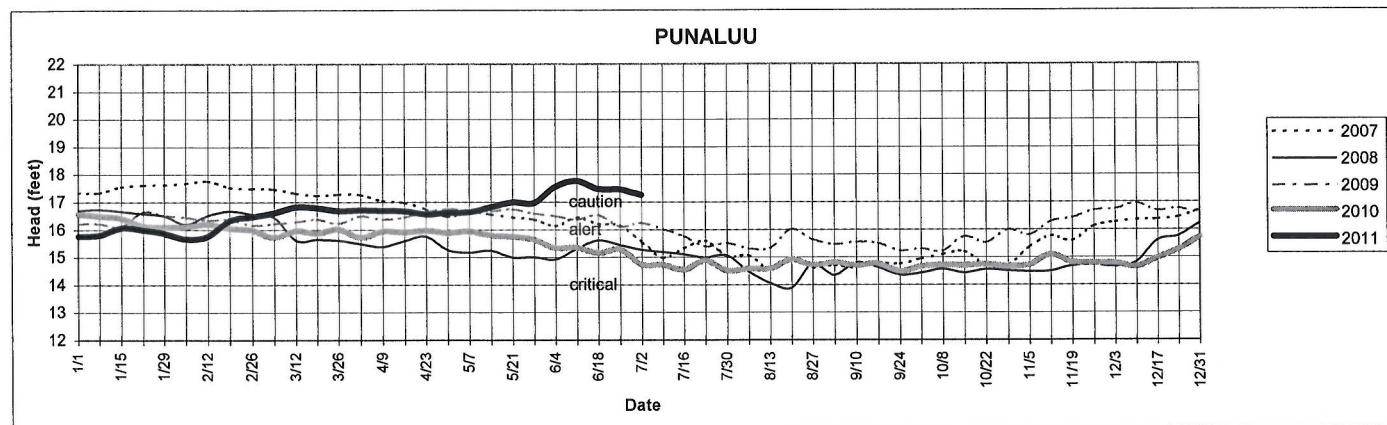
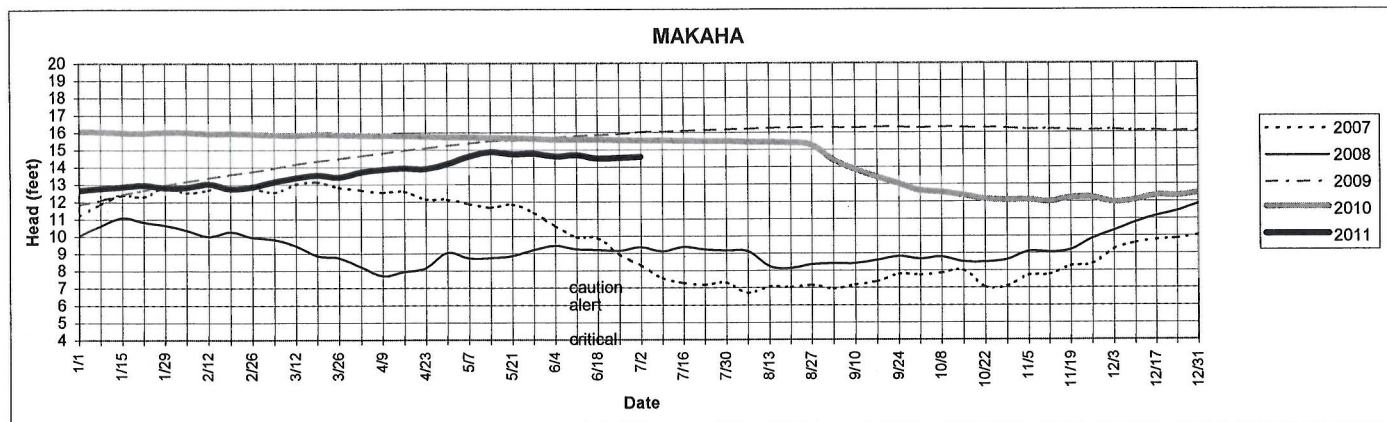
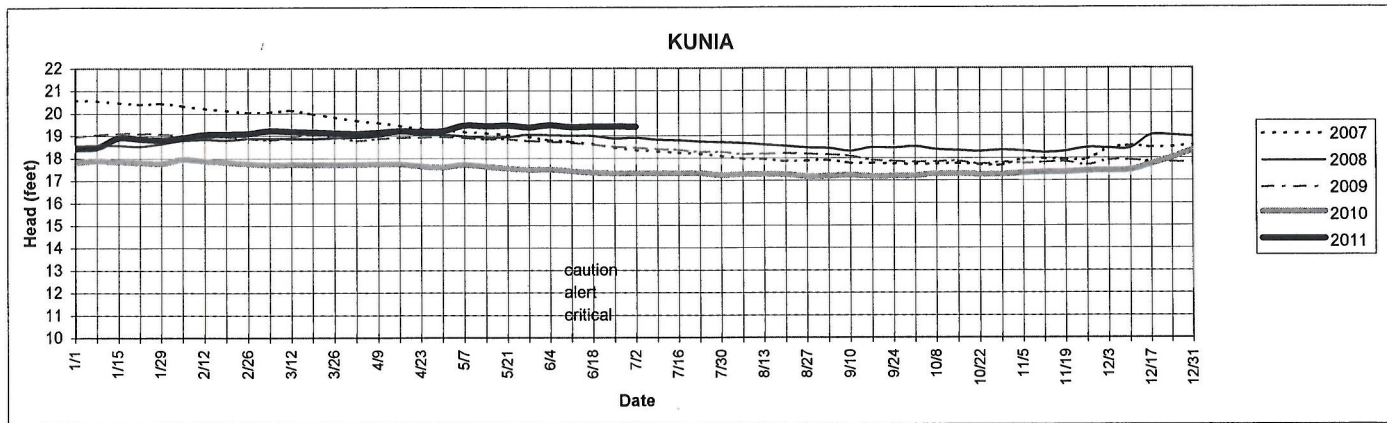
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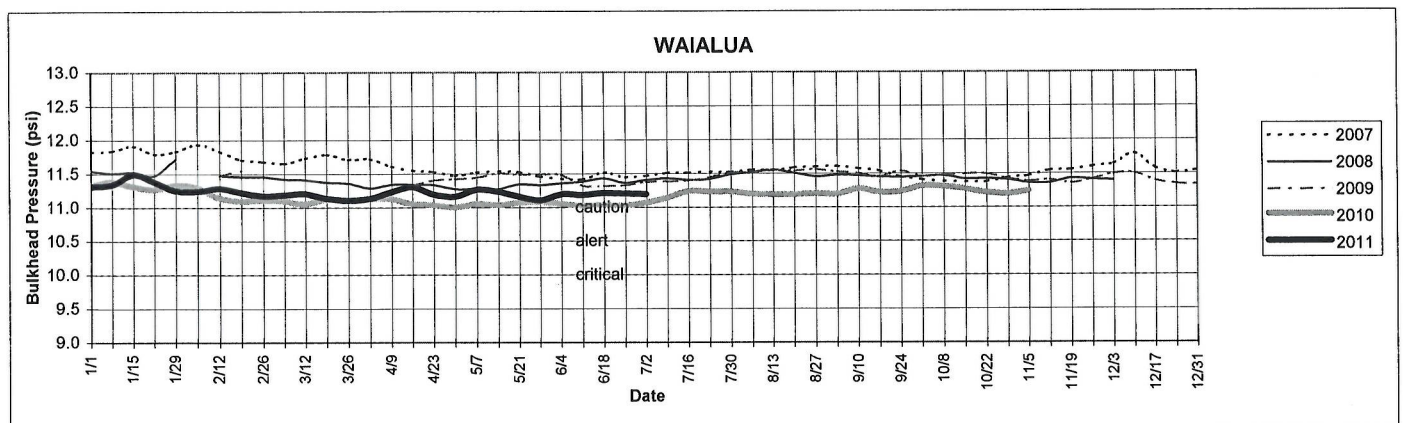
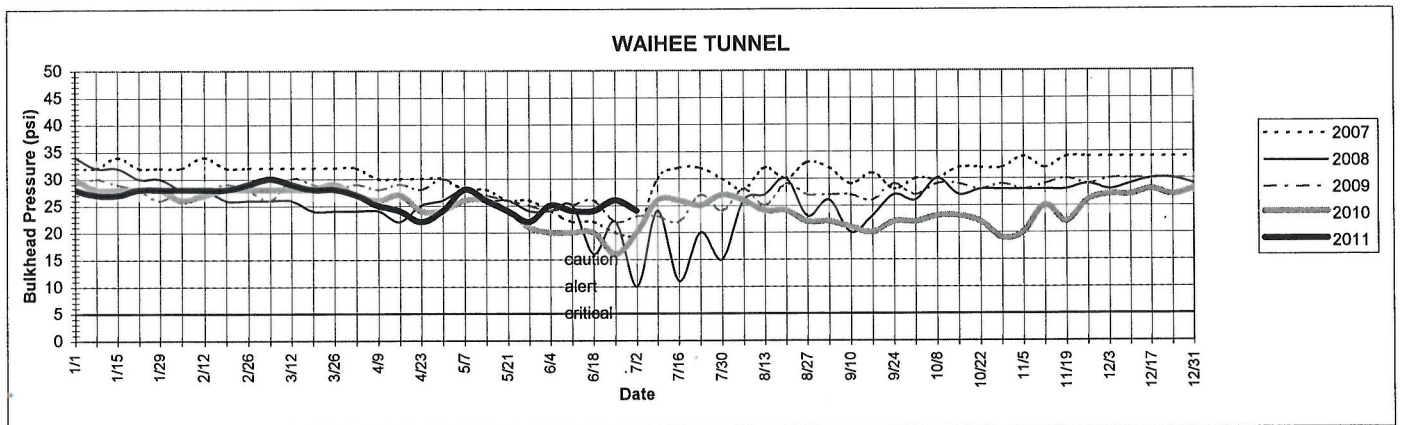
		2010	6/19-6/25 2011	2010	6/26-7/02 2011	2010	7/03-7/09 2011		
HONOLULU									
KAIMUKI		21.27	23.27	20.88	23.26	20.88	23.27		
BERETANIA		22.28	23.81	22.21	23.84	22.29	23.87		
KALIHI		21.32	22.83	21.27	22.77	21.27	22.82		
MOANALUA		18.17	19.52	18.17	19.58	18.15	19.54		
PEARL HARBOR									
HALAWA		15.82	17.23	15.80	17.28	15.81	17.24		
KALAUAO		15.80	17.38	15.81	17.40	15.79	17.37		
PEARL CITY		13.71	15.30	13.74	15.36	13.71	15.32		
WAIPAHU		17.44	19.42	17.40	19.43	17.39	19.43		
KUNIA		17.32	19.40	17.32	19.40	17.31	19.39		
EWA-WAIANAE									
MAKAHA		15.54	14.48	15.52	14.52	15.52	14.57		
WINDWARD									
PUNALUU		15.28	17.47	14.72	17.45	14.72	17.25		



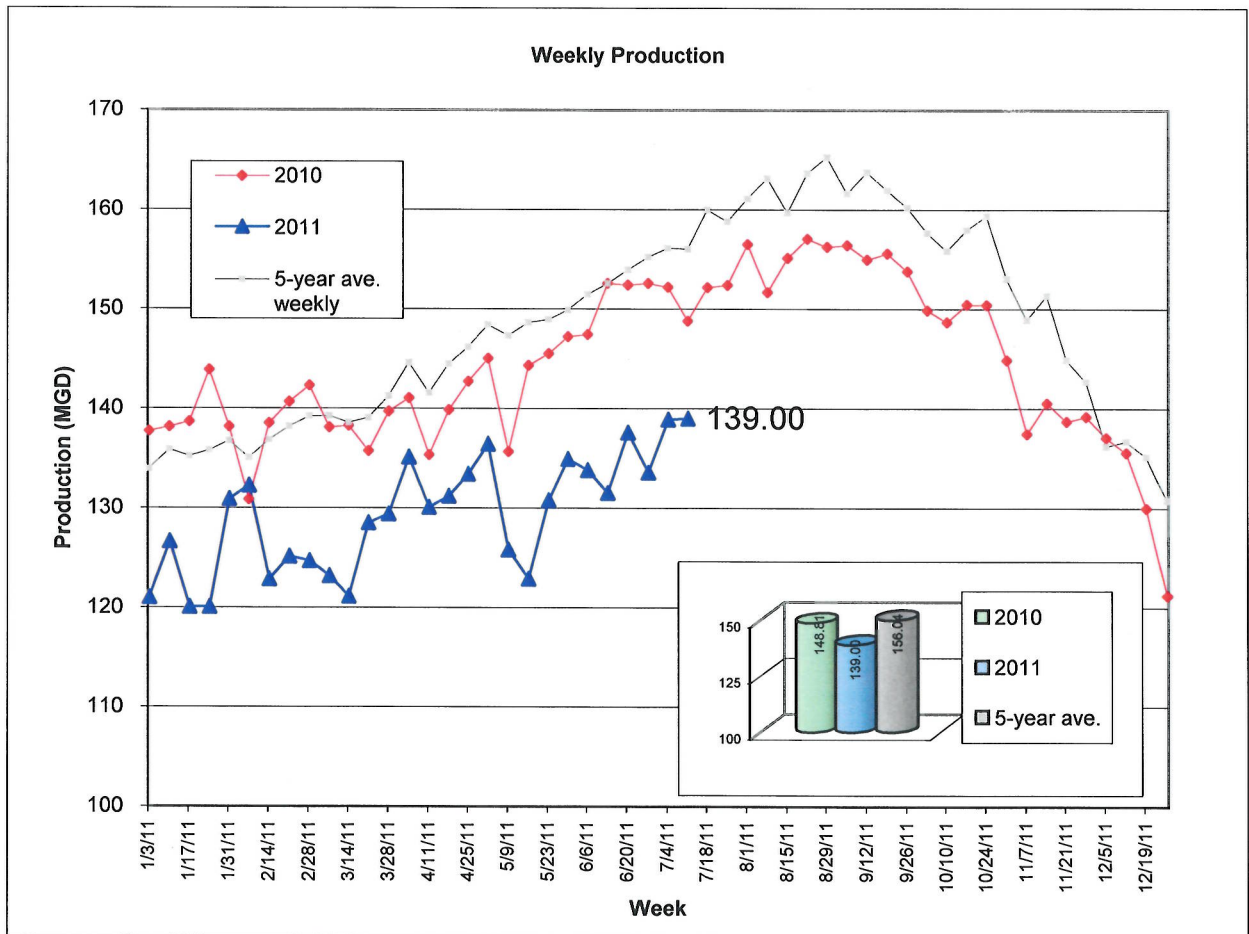
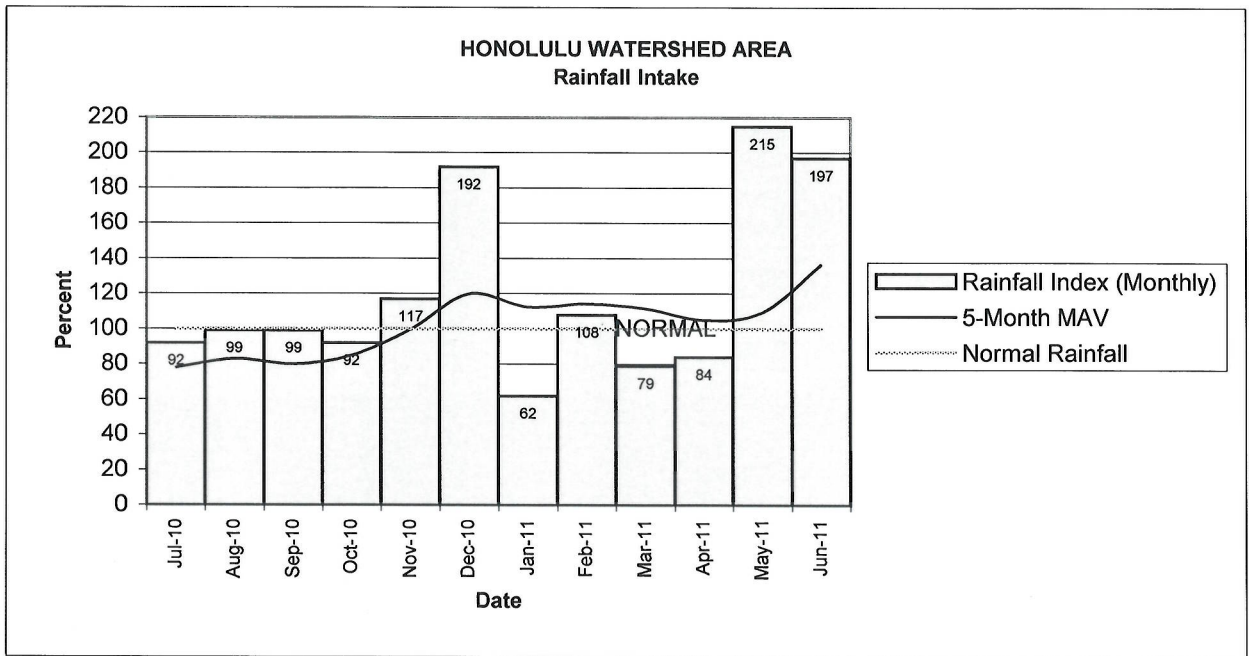












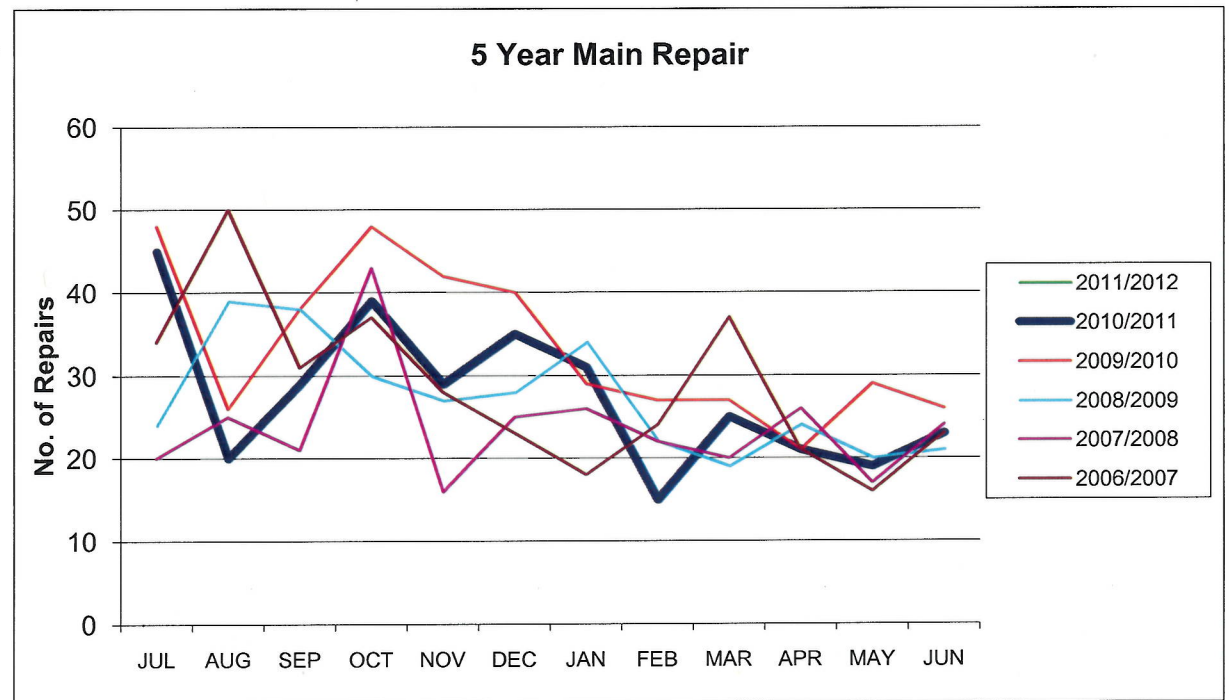


# MAIN REPAIR REPORT

JUNE 2011

	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	Total
2011/2012													0
2010/2011	45	20	29	39	29	35	31	15	25	21	19	23	331
2009/2010	48	26	38	48	42	40	29	27	27	21	29	26	401
2008/2009	24	39	38	30	27	28	34	22	19	24	20	21	326
2007/2008	20	25	21	43	16	25	26	22	20	26	17	24	285
2006/2007	34	50	31	37	28	23	18	24	37	21	16	23	342

Date	Address	Size
6/2	Waimanalo Tunnel II	6" A.C.
6/4	1520 Liliha St.	8" C.I.
6/5	763 Hahaione St.	8" D.I.
6/8	432 Ena Rd.	8" C.I.
6/9	92-812 Nohohale St.	4" C.I.
6/9	92-812 Nohohale St.	6" C.I.
6/9	46-303 Hoana Pl.	4" C.I.
6/11	788 Eleele Pl.	4" C.I.
6/12	455 Kokea St.	12" C.I.
6/13	2465 Campus Rd.	4" C.I.
6/14	46-000 bl. Kam Hy	16" C.I.
6/14	98-160 Pali Momi St.	4" C.I.
6/17	42-477 Kalanianaʻole Hwy.	12" C.I.
6/17	703 6th Ave.	6" C.I.
6/17	45-623 Apuakea St.	8" C.I.
6/18	1619 Alaneo St.	6" C.I.
6/19	Beach Walk & Kalakaua Ave.	8" C.I.
6/22	1150 Mikole St.	12" P.V.C.
6/22	98-1071 Alania St.	8" C.I.
6/25	3650 Kawelolani Pl.	4" C.I.
6/28	99-805 Nahiolea St.	8" C.I.
6/29	opp. 45-181 Waikalua Rd.	8" C.I.
6/30	60 California Av.	8" C.I.



DISCUSSION: In reviewing the graphs, it was noted there might be a correlation to pumpage demands and main breaks. Staff will look into this further.

ITEM FOR INFORMATION NO. 5

Update on the Kamehameha Highway 8-inch Water Main Project, Job 09-002

DISCUSSION: As a follow up to Mr. Wendell Lum's report at the June Board Meeting, it was noted there was some improvement in the median strip area. However, the process seems slow, so the Board and the contractor's landscape architect will pursue other remedial action to hopefully accelerate the process. Mr. Lum and the Board will be kept updated.

MOTION TO RECESS INTO EXECUTIVE SESSION Upon unanimously approved motion, the Board Recessed into Executive Session Pursuant to HRS § 92-5 at 2:21 PM to Consult with the Board's Attorney on Questions and Issues Pertaining to the Matters Posted for Discussion at an Executive Session.

OPEN SESSION The Board reconvened in open session at 3:42 PM

Chairman Chung announced that no action was taken during Executive Session.

MOTION TO ADJOURN There being no further business, Chairman Chung at 3:43 P.M. called for a motion to adjourn the Open Session. Denise De Costa so moved; seconded by Adam Wong and unanimously carried.

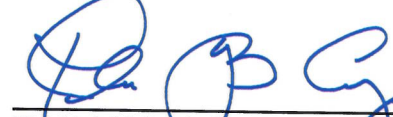
THE MINUTES OF THE JULY 25, 2011 BOARD MEETING  
WERE APPROVED ON 08/22/2011

	AYE	NO	COMMENT
RANDALL Y. S. CHUNG	X		
DENISE M. C. DE COSTA	X		
THERESIA C. MCMURDO			ABSENT
DUANE R. MIYASHIRO			ABSTAIN
ADAM C. WONG	X		
WESTLEY K. C. CHUN	X		
GLENN M. OKIMOTO			ABSENT

Respectfully submitted,

  
NANCY TANO

APPROVED:

  
RANDALL Y. S. CHUNG  
Chairman of the Board

AUG 22 2011

Date