

BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU
630 SOUTH BERETANIA STREET
HONOLULU, HI 96843



July 24, 2012

PETER B. CARLISLE, MAYOR

DUANE R. MIYASHIRO, Chairman
MAHEALANI CYPHER, Vice Chair
THERESIA C. McMURDO
ADAM C. WONG

WESTLEY K.C. CHUN, Ex-Officio
GLENN M. OKIMOTO, Ex-Officio

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

ELLEN E. KITAMURA, P.E.
Deputy Manager and Chief Engineer

RECEIVED
CITY CLERK
C & C OF HONOLULU
2012 JUL 24 PM 12:40

The Honorable Ernest Y. Martin, Chair
and Members
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Martin and Councilmembers:

Subject: 2012-2013 Operating and Capital Improvement Program Budget,
Board of Water Supply, City and County of Honolulu

Enclosed are twelve (12) copies of the 2012-2013 Operating and Capital
Improvement Program Budget of the Board of Water Supply, City and County of
Honolulu.

If there are any questions, please call me at 748-5061.

Very truly yours,

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

APPROVED:

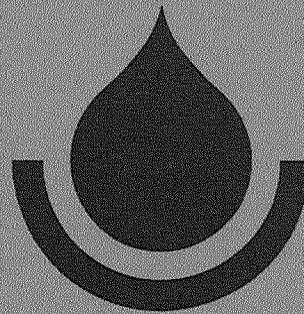
DOUGLAS S. CHIN
Managing Director

Enclosures (12)

DEPT. COM. 550

BOARD OF WATER SUPPLY

City and County of Honolulu
Honolulu, Hawaii



2012 - 2013 BUDGET

For the Fiscal Year
Beginning July 1, 2012 and
Ending June 30, 2013

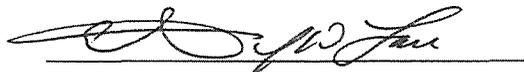
**BOARD OF WATER SUPPLY
City and County of Honolulu**

OPERATING AND CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

2012 - 2013 BUDGET

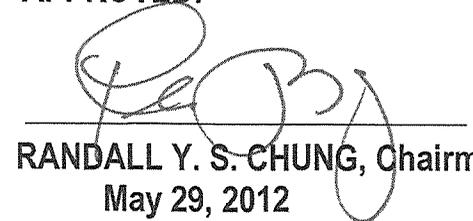
**For the Fiscal Year beginning
July 1, 2012 and ending June 30, 2013**

SUBMITTED BY:



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

APPROVED:



**RANDALL Y. S. CHUNG, Chairman
May 29, 2012**

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

BOARD MEMBERS

Randall Y. S. Chung, Chairman

Mahealani Cypher, Vice-Chair

Theresia C. McMurdo, Member

Duane R. Miyashiro, Member

Adam C. Wong, Member

Westley K. C. Chun, Ex-Officio

Glenn M. Okimoto, Ex-Officio

May 29, 2012

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

Ladies and Gentlemen:

In accordance with Section 7-106(i), Revised Charter of the City and County of Honolulu, we submit for your review and approval the proposed Operating and Capital Improvement Program Budget for fiscal year July 1, 2012 to June 30, 2013.

FINANCIAL PLAN

The proposed Operating Budget for FY 2012-2013 is based upon total operating fund resources of about \$222.3 million, to be derived from operating revenues of approximately \$184.1 million and an estimated carryover balance from FY 2011-2012 of \$38.2 million. The carryover balance results primarily from the currently unappropriated fund balance. The proposed operating fund expenditure allocations are \$165.2 million for operating expenses and \$31.6 million for the Capital Improvement Program (CIP). A projected ending balance of about \$25.5 million remains unappropriated.

The proposed Capital Improvement Program budget totals \$49.3 million, to be funded by \$31.6 million from the Operating Fund; \$3.3 million from the Special Expendable Fund; and \$14.4 million from the State Revolving Fund.

Appropriations for the CIP will be valid for 12 months, beginning July 1, 2012, through June 30, 2013.

Chairman and Members
Board of Water Supply

PART I. OPERATING BUDGET

Following are summaries of the proposed revenues and expenditures for the next fiscal year as well as the corresponding figures for the preceding two fiscal years.

A. REVENUES

For FY 2012 - 2013, we are projecting total revenues of \$184.1 million; which is \$24.7 million or 15.5 percent more than total revenues budgeted for FY 2011 - 2012.

<u>Revenue Sources</u>	<u>2010 - 2011 Actual</u>	<u>2011 - 2012 Budgeted</u>	<u>2012 - 2013 Budgeted</u>	<u>Percent Change FY 2013 over FY 2012</u>
Metered Sales:				
Potable and Nonpotable Water	144,756,742	145,095,300	170,172,500	17.3%
Recycled Water	5,128,114	5,510,100	5,510,100	0%
Other Revenues	<u>7,526,308</u>	<u>8,806,676</u>	<u>8,418,621</u>	<u>-4.4%</u>
Total Revenues	<u>157,411,164</u>	<u>159,412,076</u>	<u>184,101,221</u>	<u>15.5%</u>

Metered Sales – Potable Water and Non-Potable

Potable and non-potable water sales at \$170.2 million are projected to increase by 17.3 percent over the FY 2011 - 2012 budgeted amount. This increase is primarily due to a rate adjustment with a minimal assumed growth in the number of customers.

Chairman and Members
Board of Water Supply

Metered Sales – Recycled Water

Recycled water sales at \$5.5 million will remain stable when compared to the FY 2011 - 2012 budgeted amounts.

Other Revenues

Other Revenues at \$8.4 million will be 4.4 percent lower than the FY 2011 - 2012 budgeted amount due to an anticipated decrease in interest income.

B. EXPENDITURES

The proposed total operating expenditures for FY 2012 - 2013 are budgeted at \$196.7 million. This represents an increase of \$1.5 million, or 0.8 percent more than the amount budgeted for the current fiscal year. This change is primarily attributable to increases in funding for our Fixed Charges – Electric Power, \$4.4 million; Health Fund post-retirement contributions, \$3.0 million and decreases in funding for our Capital Program, \$4.8 million; equipment purchases, \$0.6 million and in funding for our Debt Service, \$0.4 million.

Highlights of the proposed Operating Budget for FY 2012 -2013 are presented following the next table.

Summary of Proposed Operating Budget, by Major Cost Categories

<u>Major Cost Categories</u>	FY 2011	% of	FY 2012	% of	FY 2013	% of	FY 2013 over FY 2012	
	<u>Actual</u>	<u>Total</u>	<u>Budgeted</u>	<u>Total</u>	<u>Budgeted</u>	<u>Total</u>	<u>Amount</u>	<u>Percent</u>
Personnel Services	30,794,046	19.2%	43,732,257	22.4%	40,802,955	20.7%	-2,929,302	-6.7%
Materials, Supplies, and Services	30,424,100	18.9%	37,920,551	19.4%	40,558,830	20.6%	2,638,279	7.0%
Equipment	1,974,659	1.2%	2,919,928	1.5%	2,323,400	1.2%	-596,528	-20.4%
Debt Service	22,387,181	13.9%	22,577,000	11.6%	22,189,000	11.3%	-388,000	-1.7%
Fixed Charges	<u>38,777,809</u>	<u>24.1%</u>	<u>51,692,000</u>	<u>26.5%</u>	<u>59,304,948</u>	<u>30.1%</u>	<u>7,612,948</u>	<u>14.7%</u>
Total Operating Expenditures	124,357,795	77.4%	158,841,736	81.4%	165,179,133	84.0%	6,337,397	4.0%
Transfer to Capital Improvement Prog.	36,353,265	22.6%	36,386,000	18.6%	31,565,000	16.0%	-4,821,000	-13.2%
Total Expenditures	<u><u>160,711,060</u></u>	<u><u>100.0%</u></u>	<u><u>195,227,736</u></u>	<u><u>100.0%</u></u>	<u><u>196,744,133</u></u>	<u><u>100.0%</u></u>	<u><u>1,516,397</u></u>	<u><u>0.8%</u></u>

Chairman and Members
Board of Water Supply

Personnel Services

The proposed personnel services budget of \$40.8 million is \$2.9 million or 6.7 percent less than the payroll budgeted for the current year. This decrease is primarily due to the additional funding for security measures for the (APEC) Asia-Pacific Economic Cooperation meeting that was budgeted in FY 2012.

Materials, Supplies and Services (MS&S)

The proposed MS&S budget of \$40.5 million is \$2.6 million or 7.0 percent more than the expenditures budgeted for the current year. This is primarily due to an increase in funding for several initiatives planned for FY 2013: Energy Efficiency Audit, \$500 thousand; Master Plan – BWS Properties, \$250 thousand; Beretania Space Utilization Study, \$250 thousand; Capital Projects - Management Study, \$500 thousand and Water System Operations - Management Study, \$420 thousand. The proposed budget also increases provisions for postage \$600 thousand and storeroom materials and supplies \$320 thousand.

Equipment

The proposed equipment budget of \$2.3 million is \$0.6 million or 20.4 percent less than the amount budgeted in FY 2011-2012. This decrease is due to less pump assemblies and laboratory equipment being purchased, \$700 thousand. This decrease is offset by a increase of \$114 thousand in the Customer Care division for additional Automatic Meter Reading (AMR) equipment

Debt Service

The proposed debt service budget of \$22.2 million is \$0.4 million or 1.7 percent less than the amount budgeted in FY 2011 - 2012

Fixed Charges

The proposed fixed charges budget of \$59.3 million is \$7.6 million, or 14.7 percent more than the amount budgeted for the current year. This increase is due to a increase in provisions for electricity costs, \$4.4 million, which still assumes a growth of electricity costs over the next fiscal year. An increase in provisions for Health Fund Post-Retirement Costs, \$2.9 million addresses a portion of the unfunded liability with the EUTF.

Chairman and Members
Board of Water Supply

PART II. CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

A CIP budget of \$49.3 million is proposed for FY 2012 - 2013 to be funded as follows: Operating Fund- \$31.6 million; Special Expendable Fund - \$3.3 million; and State Revolving Fund - \$14.4 million.

Highlights of the proposed CIP for next year include funds for the repair and replacement of various BWS pipelines and facilities (\$33.0 million), Kamehameha Highway 16-in and 8-in mains (\$7.8 million); Mapunapuna Water System Improvements, Part I (\$3.4 million); Woodlawn Drive 8-in main (\$2.0 million); foster Village Water System Improvements, Part III (\$1.2 million)

The CIP cost categories and project descriptions are summarized starting on page CIP-1.

Respectfully submitted,



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

SUMMARY OF ALL FUNDS

OPERATING BUDGET

CAPITAL IMPROVEMENT
PROGRAM BUDGET

Board of Water Supply
Summary of All Funds
Operating Fund, Improvement Fund, Special Expendable, Extramural Fund, and State Revolving Fund
Fiscal Year 2012 - 2013

	Operating Fund	Improvement Fund	Special Expendable Fund	Extramural Fund	State Revolving Fund	Total All Funds by Program
Operating Budget	165,179,133	-	-	-	-	165,179,133
Capital Improvement Program	31,565,000	-	3,340,000	-	14,410,000	49,315,000
Total by Fund	<u>196,744,133</u>	<u>-</u>	<u>3,340,000</u>	<u>-</u>	<u>14,410,000</u>	<u>214,494,133</u>

INDEX

I. OPERATING BUDGET

Graphs GR-1

Resources and Expenditures OP-1

Revenues OP-3

Expenditure Classification – Department Summary OP-5

Expenditures by Major Activity:

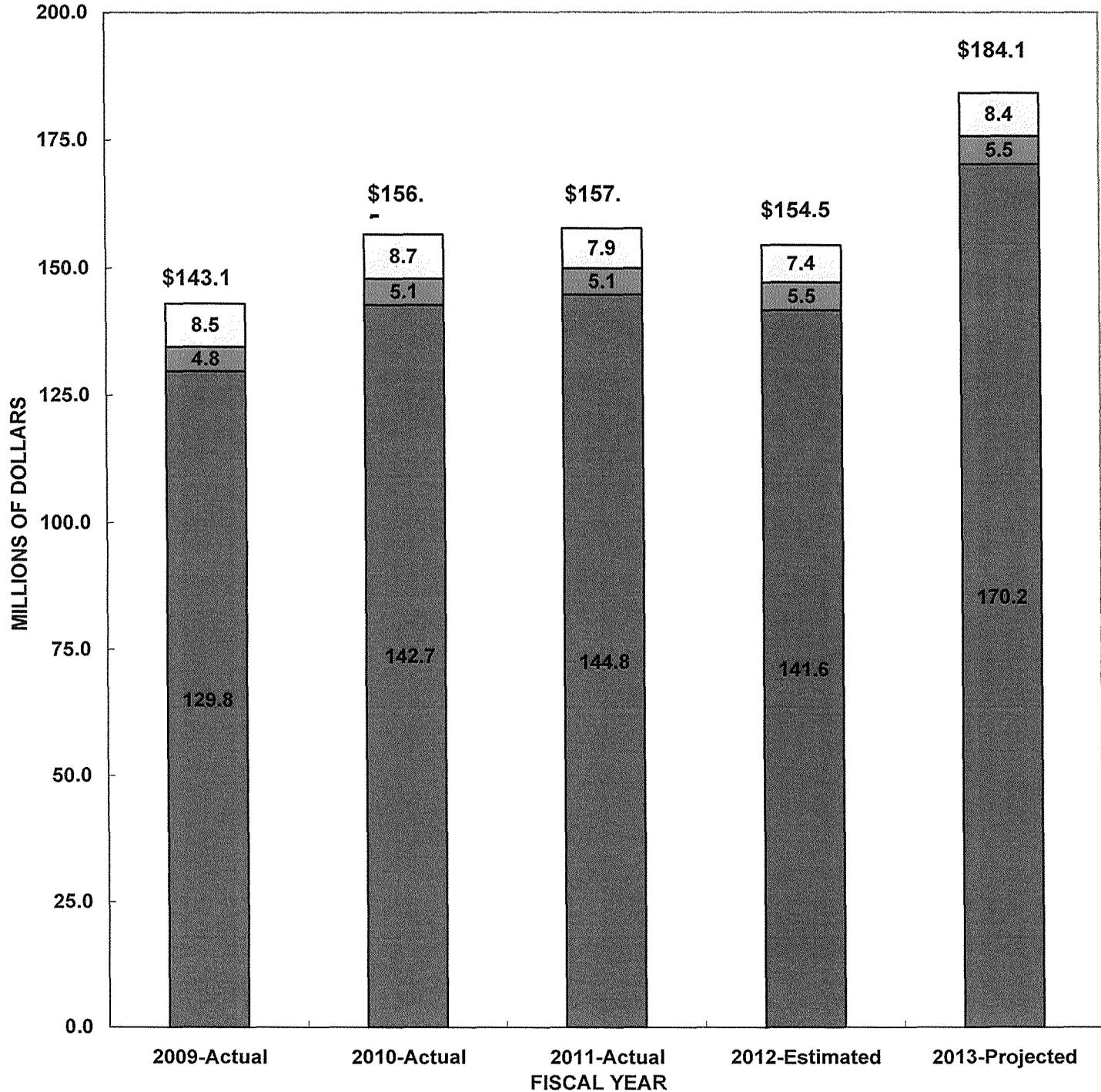
- Debt Service OP-12
- Departmental Fixed Charges OP-14
- Office of the Manager and Chief Engineer OP-16
- Legal Counsel OP-18
- Security OP-20
- Communications OP-22
- Procurement OP-24
- Conservation Program OP-26
- Ocean Cooling OP-28
- Business Development OP-30
- Customer Care OP-32
- Water Resources OP-50
- Land OP-62
- Field Operations OP-64
- Capital Projects OP-82
- Water System Operations OP-94
- Information Technology OP-120
- Human Resources OP-132
- Finance OP-134

II. CAPITAL IMPROVEMENT PROGRAM (CIP) BUDGET

Summary CIP-1

CP Project Details CIP-2

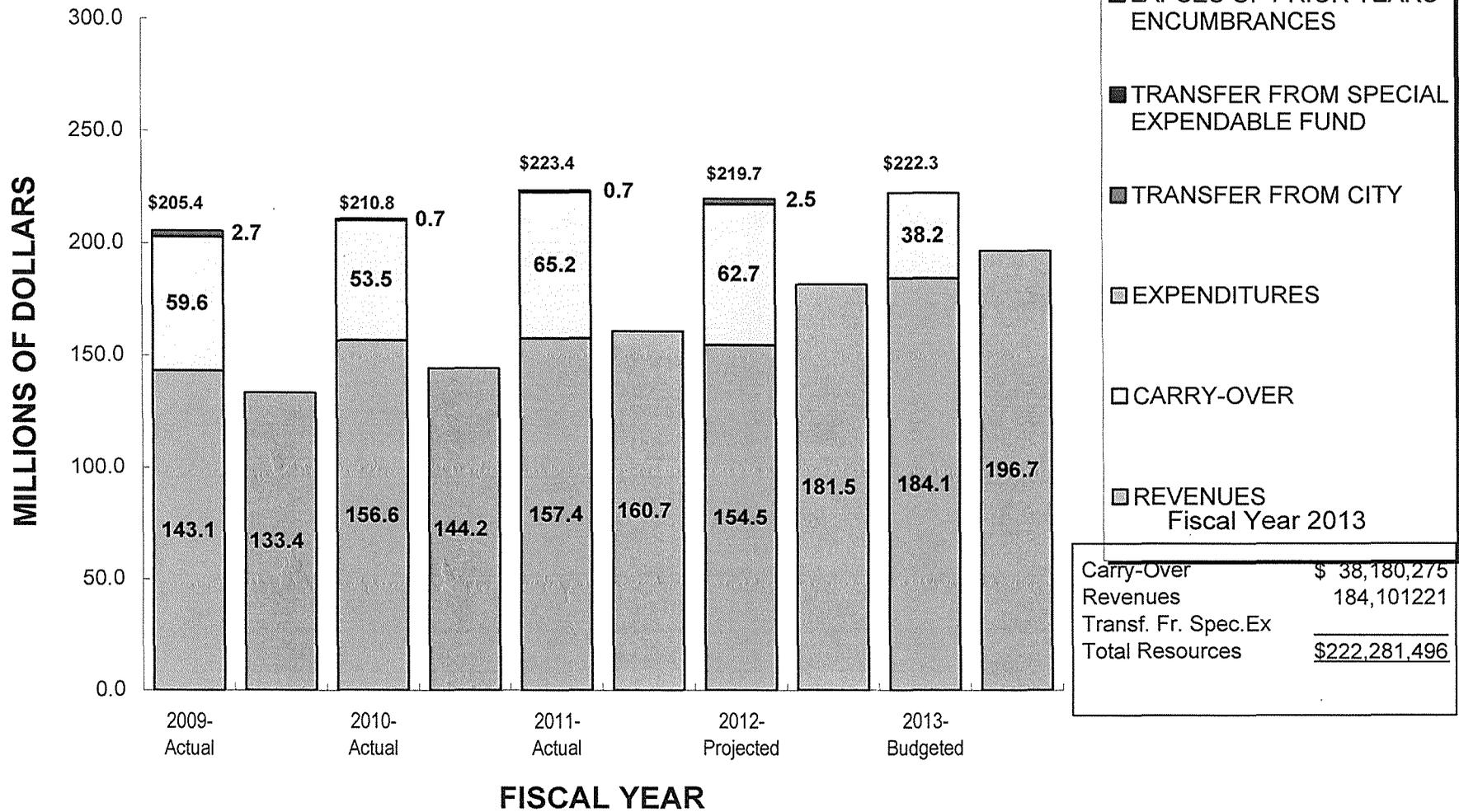
OPERATING FUND REVENUES



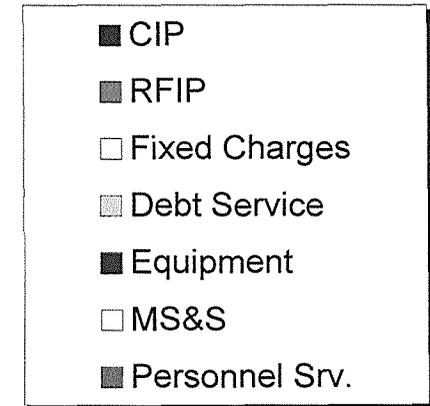
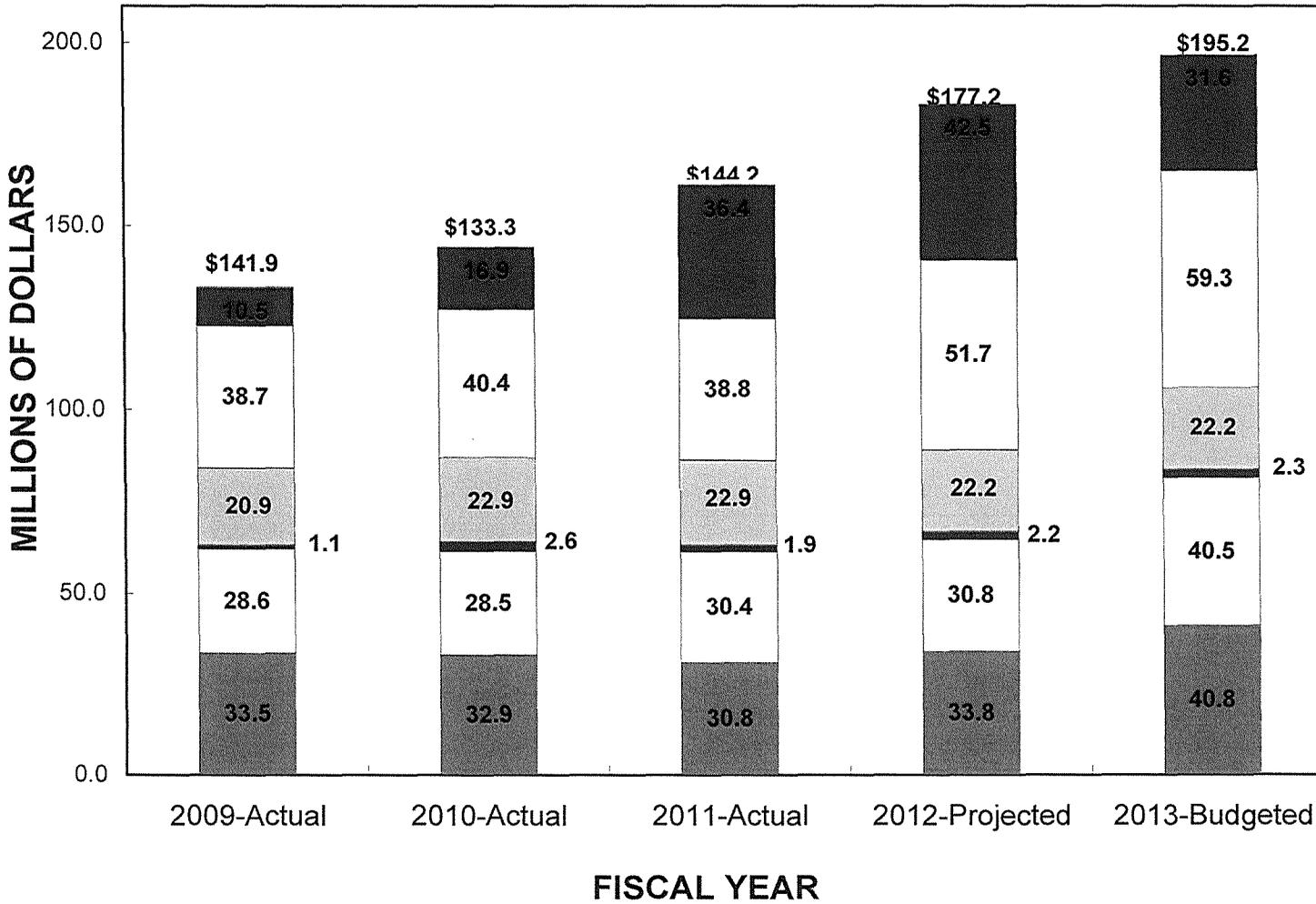
<input type="checkbox"/>	OTHER REVENUES
<input checked="" type="checkbox"/>	METERED SALES - RECYCLED
<input checked="" type="checkbox"/>	METERED SALES - POTABLE & NOT-POTABLE

Fiscal Year 2013	
Metered Sales - Potable & Non-Potable	\$ 170,172,500
Metered Sales - Recycled	5,510,100
Other Revenues	<u>8,806,676</u>
Total Revenues	\$184,101,221

TOTAL RESOURCES VS. TOTAL EXPENDITURES

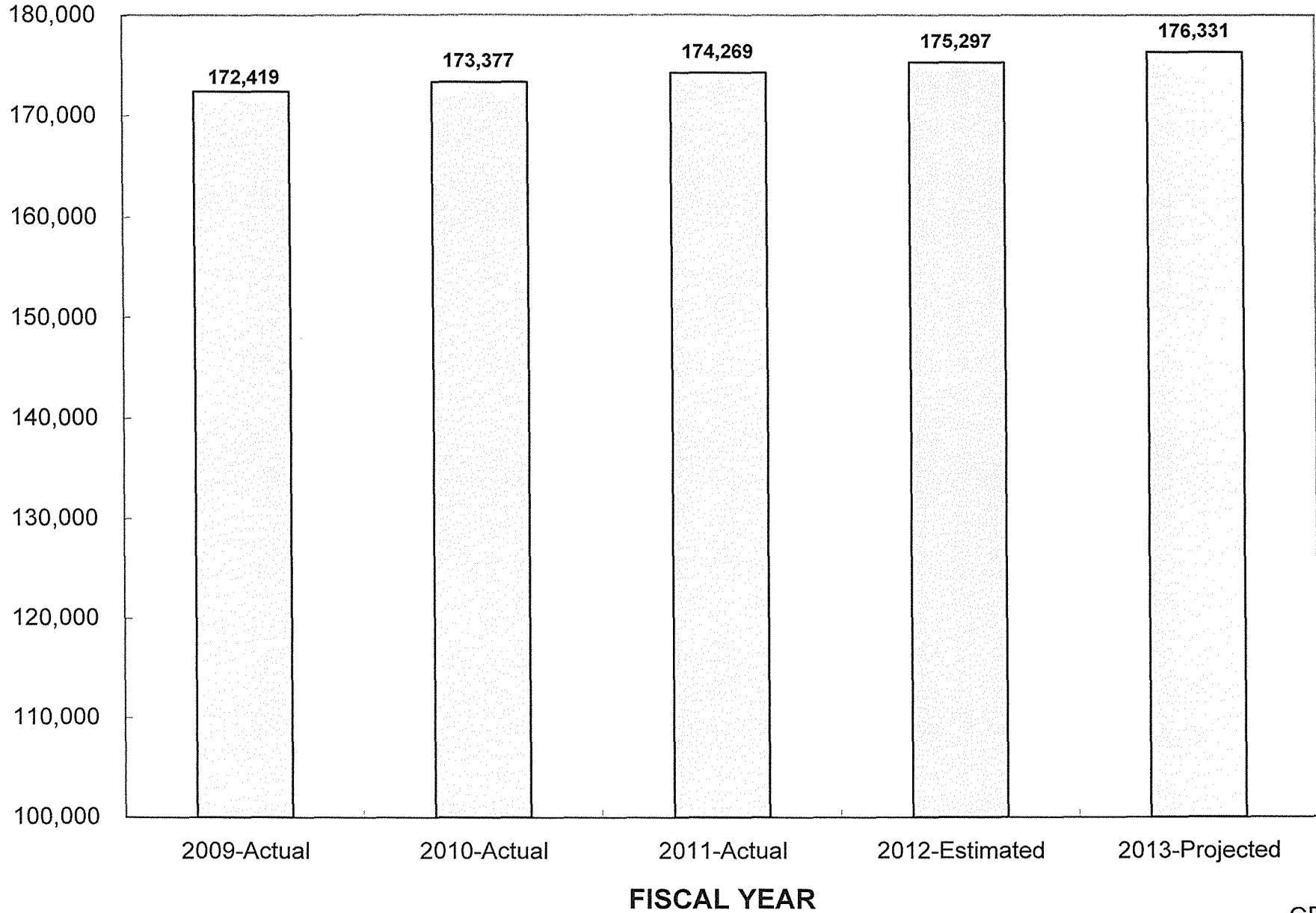


OPERATING FUND EXPENDITURES

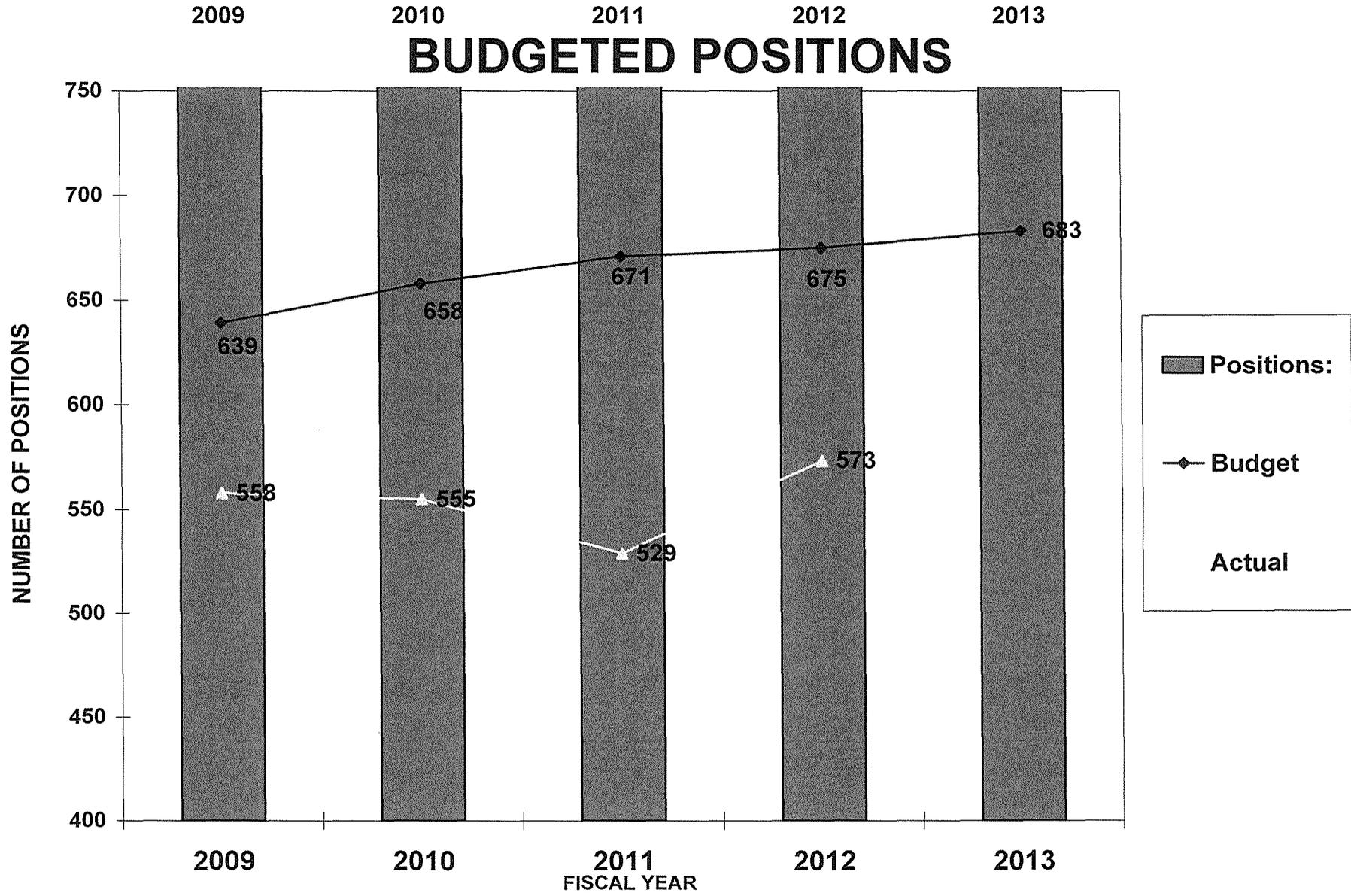


Fiscal Year 2013	
CIP	\$ 31,565,000
Fixed Charges	59,304,948
Debt Service	22,189,000
Equipment	2,323,400
MS&S	40,558,830
Personnel Srv	40,802,955
Total	\$196,744,133

NUMBER OF CUSTOMERS



BUDGETED POSITIONS



OPERATING BUDGET

PART I

OPERATING BUDGET

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

RESOURCES AND EXPENDITURES	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
BEGINNING BALANCE	65,212,396	45,175,517	62,679,038	38,180,275
Revenues	157,411,164	159,412,076	154,466,643	184,101,221
Transfer from City	-	-	-	-
Transfer from Special Expendable Fund	-	12,000,000	-	-
Lapses/Adjustments	766,538	-	2,514,632	-
Total Resources	223,390,098	216,587,593	219,660,313	222,281,496
Operating Expenditures	124,357,795	158,841,736	138,984,038	165,179,133
Capital Program	36,353,265	36,386,000	42,496,000	31,565,000
Total Expenditures	160,711,060	195,227,736	181,480,038	196,744,133
ENDING BALANCE	62,679,038	21,359,857	38,180,275	25,537,364

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

REVENUES	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
Metered Sales - Potable and Non-Potable	144,756,742	145,095,300	141,621,862	170,172,500
Metered Sales - Recycled	5,128,114	5,510,100	5,455,600	5,510,100
Automatic Fire Sprinkler Charges	649,100	562,100	533,469	533,576
Ocean Cooling	1,140,231	1,181,900	1,165,003	1,175,301
Other Water Revenues	1,696,129	2,636,176	1,919,644	3,004,612
Revenues from Installations	739,307	814,300	991,550	991,648
Merchandising and Jobbing	348,686	321,300	217,957	218,052
Interest Income	2,550,052	2,955,700	2,332,328	2,266,000
Miscellaneous Non-Operating Revenue	234,569	148,800	66,583	66,684
Non-Operating Rental Income	168,234	186,400	162,646	162,748
TOTAL	157,411,164	159,412,076	154,466,643	184,101,221

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

Expenditure Classification	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
Personnel Services	30,794,046	43,732,257	33,812,744	40,802,955
Materials, Supplies and Services	30,424,100	37,920,551	30,752,963	40,558,830
Equipment	1,974,659	2,919,928	2,229,968	2,323,400
Debt Service	22,387,181	22,577,000	22,203,300	22,189,000
Departmental Fixed Charges	38,777,809	51,692,000	49,985,063	59,304,948
SUBTOTAL - OPERATING EXPENDITURES	124,357,795	158,841,736	138,984,038	165,179,133
Transfer to Capital Program	36,353,265	36,386,000	42,496,000	31,565,000
TOTAL EXPENDITURES	160,711,060	195,227,736	181,480,038	196,744,133

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

Expenditure Classification	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
PERSONNEL SERVICES (NO. OF POSITIONS)				
	(4)	(4)	(4)	(6)
Office of the Manager and Chief Engineer	610,012	392,928	357,633	563,458
	(5)	(7)	(6)	(7)
Legal Counsel Office	401,104	518,592	377,471	262,040
	(4)	(4)	(4)	(4)
Security Office	215,016	222,884	166,775	136,904
	(7)	(12)	(10)	(11)
Communications Office	398,304	707,364	530,433	573,908
	(3)	(5)	(2)	(4)
Procurement	132,209	253,308	134,748	181,012
	(1)	(6)	(3)	(6)
Conservation Program	103,411	349,556	192,574	317,134
	-	(1)	(1)	(1)
Ocean Cooling	-	220,000	220,005	220,000
	(2)	(2)	(2)	(2)
Business Development	152,784	160,824	150,885	162,024
	(88)	(106)	(93)	(109)
Customer Care	4,420,517	5,238,772	4,608,149	5,257,240
	(20)	(27)	(23)	(23)
Water Resources	1,315,493	1,720,963	1,430,132	1,567,572
	(3)	(6)	(3)	(5)
Land	181,763	278,712	202,815	272,310
	(196)	(227)	(200)	(227)
Field Operations	10,914,707	13,475,723	11,513,901	13,443,471
	(40)	(66)	(52)	(66)
Capital Projects	2,839,689	4,750,602	3,756,070	4,888,465
	(88)	(119)	(95)	(122)
Water Systems Operations	4,898,589	6,988,736	5,558,735	7,067,896
	(28)	(37)	(31)	(40)
Information Technology	1,956,172	2,732,359	2,174,319	2,965,419
	(9)	(10)	(9)	(9)
Human Resources	490,214	621,588	521,902	517,048
	(31)	(36)	(35)	(41)
Finance	1,764,062	5,099,344	1,916,198	2,407,053
(NO. OF POSITIONS)	(529)	(675)	(573)	(683)
TOTAL PERSONNEL SERVICES	30,794,046	43,732,257	33,812,744	40,802,955

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

Expenditure Classification	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
MATERIALS, SUPPLIES AND SERVICES				
Office of the Manager and Chief Engineer	255,187	426,863	301,775	1,287,807
Legal Counsel Office	2,251,894	2,632,000	2,096,858	2,521,400
Security Office	729,410	728,000	628,688	781,216
Communications Office	160,989	237,392	34,609	241,360
Procurement	2,238	13,200	9,220	8,600
Conservation Program	244,096	212,900	176,367	232,290
Ocean Cooling	256,598	429,000	306,319	429,000
Business Development	502,355	70,750	29,007	65,260
Customer Care	1,415,097	2,329,795	1,808,422	2,368,953
Water Resources	4,878,366	6,088,252	6,301,950	7,668,136
Land	184,934	480,080	322,883	480,580
Field Operations	5,430,597	6,623,120	4,883,520	6,904,620
Capital Projects	116,274	150,550	129,313	735,946
Water Systems Operations	5,184,457	9,013,430	6,428,495	7,982,735
Information Technology	4,833,243	5,452,884	4,019,915	5,960,943
Human Resources	1,085,506	1,287,495	1,008,237	1,288,274
Finance	2,892,860	1,744,840	2,267,386	1,601,710
TOTAL MATERIALS, SUPPLIES AND SERVICES	30,424,100	37,920,551	30,752,963	40,558,830

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEPARTMENT SUMMARY

Expenditure Classification	2010 - 2011 Actual	2011 - 2012 Budget	2011 - 2012 Estimated	2012 - 2013 Budget
EQUIPMENT				
Office of the Manager and Chief Engineer	-	-	-	-
Legal Counsel Office	-	-	-	-
Security Office	-	100,000	99,285	25,000
Communications Office	-	-	-	-
Procurement	-	-	-	-
Conservation Program	-	30,000	30,000	70,000
Ocean Cooling	-	-	-	-
Business Development	-	-	-	-
Customer Care	140,000	30,000	30,387	144,000
Water Resources	-	-	-	19,800
Land	-	-	-	-
Field Operations	12,934	-	-	20,500
Capital Projects	-	-	-	28,000
Water Systems Operations	1,159,917	2,225,800	1,802,065	1,509,800
Information Technology	639,269	516,128	250,231	458,300
Human Resources	-	-	-	-
Finance	22,539	18,000	18,000	48,000
TOTAL EQUIPMENT	1,974,659	2,919,928	2,229,968	2,323,400

Bond Issues

<u>Year Issued</u>	<u>Amount (\$)</u>	<u>Year Expires</u>	<u>Years</u>
2004	100,000,000	2034	30
2006	213,805,000	2036	30
2012A	85,195,000	2033	21

**Board of Water Supply
Annual Operating Budget
Fiscal Year 2012 - 2013**

DEBT SERVICE

Expenditure Classification	2010 - 2011	2011 - 2012		2012 - 2013
	Actual	Budget	Estimated	Budget
Water System Revenue Bonds				
Series 2001	2,130,871	1,336,000	263,000	-
Series 2002	-	-	-	-
Series 2004	6,048,775	6,058,000	4,306,000	2,558,000
Series 2006	12,743,428	13,540,000	13,366,000	13,201,000
Series 2012	-	-	2,792,000	4,746,000
SRF Loans	1,464,107	1,643,000	1,476,300	1,684,000
Interim Financing	-	-	-	-
TOTAL DEBT SERVICE	22,387,181	22,577,000	22,203,300	22,189,000

NET DEBT SERVICE REQUIREMENTS	22,387,181	22,577,000	22,203,300	22,189,000
--------------------------------------	-------------------	-------------------	-------------------	-------------------

Section's Activity

The activity represents fixed charges and non-divisional expenditures of a general nature not related to any divisional budget.

Departmental Fixed Charges

- 4610 Cost of power charged by Hawaiian Electric Company for pumping facilities
- 4620 Consolidation of all electricity charges for administrative and support facilities.
- 5600 Central Administrative Service Expenses (CASE) fee paid to the City & County of Honolulu.
- 6010 Actual requirements per Employees' Retirement System resolution
- 6100 Hawaii Employer-Union Trust Fund Health Benefits costs and past service liabilities for employees.
- 6200 Hawaii Employer-Union Trust Fund Health Benefits costs and past service liabilities for retirees.
- 6250 Hawaii Employer-Union Trust Fund Health Benefits post-employment unfunded liability

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

5990

Fixed Charges

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY 2010-2011 ACTUALS	FY 2011-2012 BUDGET	FY 2011-2012 ACT/FCST	FY 2012-2013 BUDGET
7071	BOND INTEREST	14,087,181	13,954,000	12,766,400	13,194,000
1810	BOND PRINCIPAL	8,300,000	8,623,000	9,436,900	8,995,000
	TOTAL DEBT SERVICE	22,387,181	22,577,000	22,203,300	22,189,000
	DEPARTMENTAL FIXED CHGS				
4610	ELECTRIC POWER-PLANTS	20,596,301	26,399,100	25,683,702	30,820,500
4620	ELECTRICITY	1,212,158	1,544,800	1,406,564	1,687,912
4660	SEWER SERVICE CHARGE	93,972	99,400	92,420	97,012
4680	TELEPHONE	-	-	-	-
5600	CASE FEES	3,300,000	3,300,000	3,300,000	3,300,000
6010	RETIREMENT SYSTEM-NORMAL	4,540,082	4,923,000	4,579,692	4,946,100
6020	FICA CONTRIBUTIONS	2,147,463	2,132,300	2,133,822	2,133,824
6100	HEALTH BENEFITS-EMPLOYEES	2,268,283	2,634,100	2,175,694	2,719,600
6200	HEALTH BENEFITS-RETIREEES	4,598,688	10,659,300	10,592,307	6,000,000
6250	HEALTH FUND POST - EMPLOYMENT COSTS			0	7,600,000
6320	UNEMPLOYMENT INSUR BENEFITS	20,862	-	20,862	-
1570	MISC /REFUNDS	-	-	0	0
	TOTAL FIXED CHARGES	38,777,809	51,692,000	49,985,063	59,304,948

Office's Activity

The Manager and Chief Engineer is the executive head of the Board of Water Supply who administers the affairs of the department in accordance with policies and regulations adopted by the Board and the provisions of the City Charter.

Materials, Supplies and Services

4250 Energy efficiency audit \$500,000; Master plan for optimization of BWS properties \$250,000; Beretania Space Utilization study \$250,000

4255 Board of Directors expenses

4270 Corporation Counsel services.

4720 Conference and travel expenses for BWS personnel.

4910 AWWA RF subscription, AWWA membership dues, and other miscellaneous dues.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5100 Manager's Office

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	601,286	392,928	357,633	563,458
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	8,726	-	-	-
	TOTAL PERSONNEL SERVICES	610,012	392,928	357,633	563,458
	NO. OF POSITIONS	4	4	4	6
	TOTAL POSITIONS	4	4	4	6
4250	OTHER CONTRACTUAL SERVICE	51,999	127,792	44,478	1,003,540
4255	OTHER SERVICES	8,576	30,770	28,422	41,015
4265	PRINTING	403	1,000	500	1,000
4270	PROFESSIONAL SERVICES	30,000	31,200	30,400	32,136
4430	MISC SUPPLIES	4,119	5,000	3,252	5,000
4460	OTHER MATERIALS & SUPPLIE	194	925	474	925
4500	EDUCATION & TRAINING	132	1,000	500	1,000
4720	CONFERENCE EXPENSES	17,530	68,476	28,111	40,156
4815	REPAIR AND MAINT OF EQUIP	2,568	3,000	5,555	3,000
4910	MISC FEES & REGISTRATIONS	139,666	157,700	160,083	159,035
8050	EQUIPMENT UNDER \$5,000	-	-	-	1,000
	TOTAL MATERIAL & SUPPLIES	255,187	426,863	301,775	1,287,807
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	865,199	819,791	659,408	1,851,265

Office's Activity

The Legal Counsel Office is to provide quality and timely legal advice and counsel that take into consideration business, operational, and ethical concerns. We also seek to provide risk management services that ensure the business and operational exposures of the BWS are covered through either insurance or self - retention policies. Additionally, we ensure the safety and well - being of our employees through a comprehensive safety program and return-to-work program.

Materials, Supplies and Services

4270 Legal services \$500,000.

5700 Insurance coverage for commercial general liability, fire and extended coverage, workers' compensation, public officials liability and underground storage tanks.

6350 Claims against the department for personal injuries and property damages.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5110 Legal Counsel

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	391,383	518,592	375,149	260,040
4120	OVERTIME	549	-	1,922	2,000
4130	MISC PAYROLL COSTS	9,172	-	400	-
	TOTAL PERSONNEL SERVICES	401,104	518,592	377,471	262,040
	NO. OF POSITIONS	5	7	6	5
	TOTAL POSITIONS	5	7	6	5
4160	MEALS, MILEAGE, UNIFORM A	291	1,000	884	1,000
4250	OTHER CONTRACTUAL SERVICE	1,574	1,200	1,438	1,200
4255	OTHER SERVICES	-	-	-	-
4260	ADV & PUBL OF NOTICES	-	500	250	500
4270	PROFESSIONAL SERVICES	415,442	600,000	449,999	500,000
4430	MISC SUPPLIES	1,452	3,000	1,383	2,000
4460	OTHER MATERIALS & SUPPLIE	263	3,500	1,164	3,500
4480	POSTAGE	7	100	36	100
4500	EDUCATION & TRAINING	1,374	3,000	1,000	3,000
4680	TELEPHONE	-	-	-	-
4720	CONFERENCE EXPENSES	-	6,000	6,000	6,000
4815	REPAIR AND MAINT OF EQUIP	105	700	1,083	700
4910	MISC FEES & REGISTRATIONS	12,631	13,000	10,719	3,400
5700	LIABILITY INSURANCE POLICIES	1,002,515	1,100,000	1,092,065	1,100,000
6350	CLAIMS FOR PERS INJ & PROP DAMAGE	815,747	900,000	530,514	900,000
8050	EQUIPMENT UNDER \$5,000	493	-	323	-
	TOTAL MATERIAL & SUPPLIES	2,251,894	2,632,000	2,096,858	2,521,400
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	2,652,998	3,150,592	2,474,329	2,783,440

Office's Activity

The Security Office develops, coordinates, and maintains security measures and systems to protect BWS employees and facilities. It conducts vulnerability assessments, installs detection systems, and develops emergency response plans. It oversees the development and installation of security enhancements and equipment for BWS facilities. It monitors facilities from the central security center through the use of security guards, cameras, sensor alarms, and ID cards. The unit coordinates protective activities with external agencies such as the Honolulu Police and Fire Departments, State and Oahu Civil Defense, and other Homeland Security organizations.

Materials, Supplies and Services

- 4250 Security guard and document shredding services.
- 4815 Maintenance of security cameras and alarms.

Equipment

8050	Miscellaneous security equipment	\$6,200
1270	Security Center upgrades	\$25,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5120

Security Office

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	214,265	220,368	163,342	133,404
4120	OVERTIME	751	2,516	3,433	3,500
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	215,016	222,884	166,775	136,904
	NO. OF POSITIONS	4	4	4	4
	TOTAL POSITIONS	4	4	4	4
4160	MEALS; MILEAGE, UNIFORM A	76	1,000	448	1,000
4250	OTHER CONTRACTUAL SERVICE	422,612	420,000	278,839	613,917
4270	PROFESSIONAL SERVICES	262	-	-	-
4430	MISC SUPPLIES	878	1,500	1,831	4,696
4460	OTHER MATERIALS & SUPPLIE	7,961	5,000	5,481	44,303
4500	EDUCATION & TRAINING	285	7,000	4,847	7,000
4650	SECURITY CAMERA CABLE LIN	153,153	-	55,184	-
4720	CONFERENCE EXPENSES	295	3,500	1,750	4,100
4815	REPAIR AND MAINT OF EQUIP	135,435	280,000	280,000	100,000
8050	EQUIPMENT UNDER \$5,000	8,453	10,000	308	6,200
	TOTAL MATERIAL & SUPPLIES	729,410	728,000	628,688	781,216
1270	GENERAL PLANT & EQUIPMENT	-	100,000	99,285	25,000
	TOTAL EQUIPMENT	-	100,000	99,285	25,000
	TOTAL OPERATING EXPENDITURES	944,426	1,050,884	894,748	943,120

Office's Activity

The Communications Office develops departmental policies and programs for strategic internal and external communications, including: community relations, water education and public information, including news releases, speeches, bulletins, advertisements, public service announcements, brochures, annual and special reports; notifies news media of water emergencies; coordinates and maintains effective media communications programs for the department; receives, processes and resolves complaints; develops and produces the employee newsletter; conducts orientations and manages the department's water education and facility tour program; coordinates community affairs programs and special events; and provides executive level strategic communications counsel and assistance to the Board, Manager, and departmental units in public affairs matters.

Materials, Supplies and Services

4250 PSA campaign media ; media services

4260 Advertisements for special events, etc.

4265 Printing of annual report, brochures, etc.

4460 Community meetings (facility/equipment rental); BWS Christmas (Honolulu City Lights/Kapolei); annual meeting

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5130

Communications Office

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	375,027	677,364	495,062	518,908
4120	OVERTIME	23,037	30,000	35,211	50,000
4130	MISC PAYROLL COSTS	240	-	160	5,000
	TOTAL PERSONNEL SERVICES	398,304	707,364	530,433	573,908
	NO. OF POSITIONS	7	12	10	11
	TOTAL POSITIONS	7	12	10	11
4160	MEALS, MILEAGE, UNIFORM A	503	1,000	919	1,000
4250	OTHER CONTRACTUAL SERVICE	128,283	138,635	6,224	144,050
4255	OTHER SERVICES	-	-	-	-
4260	ADV & PUBL OF NOTICES	837	15,750	10,000	12,300
4265	PRINTING	21,288	45,050	3,665	46,050
4430	MISC SUPPLIES	1,839	3,349	2,469	3,765
4460	OTHER MATERIALS & SUPPLIE	8,491	30,008	8,604	30,345
4480	POSTAGE	200	2,400	1,039	2,500
4500	EDUCATION & TRAINING	138	500	155	500
4720	CONFERENCE EXPENSES	160	-	763	-
4815	REPAIR AND MAINT OF EQUIP	(795)	700	696	700
4910	MISC FEES & REGISTRATIONS	45	-	75	-
8050	EQUIPMENT UNDER \$5,000	-	-	-	150
	TOTAL MATERIAL & SUPPLIES	160,989	237,392	34,609	241,360
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	559,293	944,756	565,042	815,268

Office's Activity

The program objective of the office of procurement is to assist the various BWS divisions with the procurement of construction, goods, services, and professional services and to ensure that such procurements are conducted in accordance with Hawaii Revised Statutes Chapter 103D and the Hawaii Administrative Rules.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5140 Procurement

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	132,022	253,308	134,569	177,612
4120	OVERTIME	187	-	178	1,000
4130	MISC PAYROLL COSTS	-	-	-	2,400
	TOTAL PERSONNEL SERVICES	132,209	253,308	134,748	181,012
	NO. OF POSITIONS	3	5	2	4
	TOTAL POSITIONS	3	5	2	4
4160	MEALS, MILEAGE, UNIFORM A	30	200	120	200
4260	ADV & PUBL OF NOTICES	1,573	2,000	2,000	2,000
4430	MISC SUPPLIES	312	2,000	300	2,000
4460	OTHER MATERIALS & SUPPLIE	6	-	-	-
4480	POSTAGE	-	400	200	400
4500	EDUCATION & TRAINING	317	4,000	2,000	4,000
8050	EQUIPMENT UNDER \$5,000	-	4,600	4,600	-
	TOTAL MATERIAL & SUPPLIES	2,238	13,200	9,220	8,600
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	134,447	266,508	143,968	189,612

Program's Activity

To institute sustainable water use behavior and practices across the island of Oahu. To develop, design, implement and measure the effectiveness of corresponding programs that promote sustainability and to demonstrate through action, the Department's core mission of "Water for Life".

Materials, Supplies and Services

4270 Conservation implementation plan \$100,000; water loss control study \$50,000

Equipment

1270	Correlator	\$30,000
1270	2 Correlator loggers	\$40,000
8050	Leak survey tools, locator	\$18,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5150 Conservation Program

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	89,211	335,796	181,633	301,266
4120	OVERTIME	14,200	5,000	7,721	10,204
4130	MISC PAYROLL COSTS	-	8,760	3,220	5,664
	TOTAL PERSONNEL SERVICES	103,411	349,556	192,574	317,134
	NO. OF POSITIONS	1	6	3	6
	TOTAL POSITIONS	1	6	3	6
4160	MEALS, MILEAGE, UNIFORM A	524	2,000	782	2,000
4250	OTHER CONTRACTUAL SERVICE	1,560	6,000	25,617	6,000
4255	OTHER SERVICES	-	5,000	-	20,000
4270	PROFESSIONAL SERVICES	-	150,000	125,000	150,000
4290	WATER CONSERVATION	225,550	-	-	-
4430	MISC SUPPLIES	159	-	-	-
4460	OTHER MATERIALS & SUPPLIE	4,326	5,000	7,123	5,000
4480	POSTAGE	-	-	-	-
4500	EDUCATION & TRAINING	377	3,600	3,037	1,000
4720	CONFERENCE EXPENSES	2,751	4,000	2,800	4,100
4815	REPAIR AND MAINT OF EQUIP	649	24,000	-	26,190
4915	MISCELLANEOUS FINANCIAL E	-	-	8	-
8050	EQUIPMENT UNDER \$5,000	8,200	13,300	12,000	18,000
	TOTAL MATERIAL & SUPPLIES	244,096	212,900	176,367	232,290
1270	GENERAL PLANT & EQUIPMENT	-	30,000	30,000	70,000
	TOTAL EQUIPMENT	-	30,000	30,000	70,000
	TOTAL OPERATING EXPENDITURES	347,507	592,456	398,941	619,424

Program's Activity

The Ocean Cooling Program is responsible under a 20-year contract, for the operation and maintenance of the seawater cooling facility at the University of Hawaii John A. Burns School of Medicine in Kakaako. The use of cold seawater for building cooling conserves potable water and energy that would otherwise be used in conventional mechanical cooling systems.

Materials, Supplies and Services

4815 Chiller, chemical, and miscellaneous maintenance costs.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5201 Ocean Cooling

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	-	220,000	220,005	220,000
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	-	220,000	220,005	220,000
	NO. OF POSITIONS	-	1	1	1
	TOTAL POSITIONS	-	1	1	1
4250	OTHER CONTRACTUAL SERVICE	731	-	379	-
4430	MISC SUPPLIES	268	-	-	500
4460	OTHER MATERIALS & SUPPLIE	110	-	-	-
4680	TELEPHONE	-	-	-	-
4815	REPAIR AND MAINT OF EQUIP	255,364	429,000	305,940	428,500
4910	MISC FEES & REGISTRATIONS	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	125	-	-	-
	TOTAL MATERIAL & SUPPLIES	256,598	429,000	306,319	429,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	256,598	649,000	526,324	649,000

Office's Activity

The Business Development Office researches and develops business growth opportunities. The office oversees environmental regulatory compliance; drinking water testing and laboratory operations. Business Development also manages special water quality studies and stays abreast of emerging water quality research and regulatory issues.

Materials, Supplies and Services

4250 Water quality monitoring studies \$60,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5250

Strategic Development

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	152,784	160,824	150,885	160,824
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	1,200
	TOTAL PERSONNEL SERVICES	152,784	160,824	150,885	162,024
	NO. OF POSITIONS	2	2	2	2
	TOTAL POSITIONS	2	2	2	2
4250	OTHER CONTRACTUAL SERVICE	500,409	61,750	20,998	60,960
4430	MISC SUPPLIES	201	-	-	-
4460	OTHER MATERIALS & SUPPLIE	206	1,200	509	1,200
4500	EDUCATION & TRAINING	-	5,300	4,399	600
4720	CONFERENCE EXPENSES	1,522	-	757	-
4815	REPAIR AND MAINT OF EQUIP	-	1,000	1,000	1,000
4910	MISC FEES & REGISTRATIONS	17	1,500	1,344	1,500
	TOTAL MATERIAL & SUPPLIES	502,355	70,750	29,007	65,260
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	655,139	231,574	179,892	227,284

Division's Activity

The Customer Care Division handles contacts with customers; prepares applications and contracts for water service; designs service connections; conducts the department's billing operations which includes meter reading and pre-auditing of consumer accounts; maintains accounts receivable; investigates consumers' service problems; and collects water and sewer bills. It is responsible for maintaining and repairing meters; reviewing development construction plans, specifications, and reports for conformity with BWS standards; reviewing requests concerning the availability of water; and administering rules and regulations on cross-connection control and environmental requirements.

Details of expenditure are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL CUSTOMER CARE

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	4,186,538	4,926,372	4,337,148	4,924,140
4120	OVERTIME	208,586	300,100	261,187	300,700
4130	MISC PAYROLL COSTS	25,393	12,300	9,814	32,400
	TOTAL PERSONNEL SERVICES	4,420,517	5,238,772	4,608,149	5,257,240
	NO. OF POSITIONS	88	106	93	109
	TOTAL POSITIONS	88	106	93	109
1110	MATERIALS & SUPPLIES	-	-	-	-
1120	METERS	374,508	610,400	609,053	778,353
1125	AMR MATERIALS & SUPPLIES	702,840	1,279,050	919,895	972,750
4160	MEALS, MILEAGE, UNIFORM A	16,304	24,600	22,082	24,600
4220	COLLECTION FEES	129,843	180,000	55,036	228,000
4250	OTHER CONTRACTUAL SERVICE	56,694	48,760	35,777	180,840
4267	PRINTED FORMS	303	1,700	700	1,700
4430	MISC SUPPLIES	10,046	5,850	7,791	5,850
4460	OTHER MATERIALS & SUPPLIE	47,465	56,800	47,929	50,800
4470	PARTS AND ACCESSORIES	-	2,000	1,600	2,000
4480	POSTAGE	-	-	-	-
4500	EDUCATION & TRAINING	3,891	19,210	6,315	21,285
4815	REPAIR AND MAINT OF EQUIP	33,662	60,400	46,680	60,400
4910	MISC FEES & REGISTRATIONS	1,170	2,700	1,316	2,700
8050	EQUIPMENT UNDER \$5,000	35,552	38,325	54,248	39,675
	TOTAL MATERIAL & SUPPLIES	1,415,097	2,329,795	1,808,422	2,368,953
1270	GENERAL PLANT & EQUIPMENT	140,000	30,000	30,387	144,000
	TOTAL EQUIPMENT	140,000	30,000	30,387	144,000
	TOTAL OPERATING EXPENDITURES	5,975,614	7,598,567	6,446,958	7,770,193

Section's Activity

Administers the affairs of the Customer Care Administration Section; provides clerical support to sections.

Materials, Supplies and Services

4250 Cell phone charges for the Customer Care division..

4500 consolidated training and travel for the Customer Care Division
Various AWWA & HWWA workshops and conferences; ACE Annual Conference;etc.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5300

Customer Care Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	273,823	374,700	273,655	258,624
4120	OVERTIME	288	-	3,296	-
4130	MISC PAYROLL COSTS	-	-	-	2,000
	TOTAL PERSONNEL SERVICES	274,111	374,700	276,951	260,624
	NO. OF POSITIONS	2	4	2	3
	TOTAL POSITIONS	2	4	2	3
4160	MEALS, MILEAGE, UNIFORM A	-	-	24	-
4250	OTHER CONTRACTUAL SERVICE	24,206	30,000	10,616	30,000
4430	MISC SUPPLIES	7,228	4,000	4,762	4,000
4460	OTHER MATERIALS & SUPPLIE	13,572	18,000	22,291	18,000
4500	EDUCATION & TRAINING	-	19,210	6,315	21,285
4720	CONFERENCE EXPENSES	1,420	-	-	-
4815	REPAIR AND MAINT OF EQUIP	1,405	1,200	1,000	1,200
8050	EQUIPMENT UNDER \$5,000	-	1,100	800	-
	TOTAL MATERIAL & SUPPLIES	47,831	73,510	45,808	74,485
1270	GENERAL PLANT & EQUIPMENT	-	6,000	6,387	-
	TOTAL EQUIPMENT	-	6,000	6,387	-
	TOTAL OPERATING EXPENDITURES	321,942	454,210	329,146	335,109

Section's Activity

The Collection and Credit Section formulates and establishes collection and credit practices and procedures; maintains the cashiering service for payment of water and sewer bills; processes payments made by mail and through charge cards, E-bill, automatic bill payment, and satellite City Halls; maintains records of delinquent and inactive accounts; performs all field collection and customer service work required to maintain an effective billing and collection program.

Materials, Supplies and Services

- 4220 Service fees for automatic bill payment, credit card processing and Internet banking.
- 4250 Armored car services.
- 4815 Remittance processing machine, cash register, mail extractor maintenance, etc.

Equipment

1270	4 AMR handheld devices (R))	\$36,000
------	-----------------------------	----------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5310 Collection and Credit

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	582,022	714,288.24	640,662	714,288
4120	OVERTIME	9,275	8,800	9,049	9,400
4130	MISC PAYROLL COSTS	17,621	-	-	2,400
	TOTAL PERSONNEL SERVICES	608,918	723,088	649,711	726,088
	NO. OF POSITIONS	15	18	16	18
	TOTAL POSITIONS	15	18	16	18
4160	MEALS, MILEAGE, UNIFORM A	1,213	2,100	1,666	2,100
4220	COLLECTION FEES	129,843	180,000	55,036	228,000
4250	OTHER CONTRACTUAL SERVICE	4,269	2,760	3,659	2,760
4267	PRINTED FORMS	303	1,500	500	1,500
4430	MISC SUPPLIES	1,349	500	1,707	500
4460	OTHER MATERIALS & SUPPLIE	1,865	1,200	2,580	1,200
4815	REPAIR AND MAINT OF EQUIP	19,208	20,000	19,697	20,000
8050	EQUIPMENT UNDER \$5,000	1,064	2,375	2,000	1,000
	TOTAL MATERIAL & SUPPLIES	159,114	210,435	86,845	257,060
1270	GENERAL PLANT & EQUIPMENT	-	-	-	36,000
	TOTAL EQUIPMENT	-	-	-	36,000
	TOTAL OPERATING EXPENDITURES	768,032	933,523	736,556	1,019,148

Section's Activity

The Service Engineering Section receives and processes applications for new water service and for relocating or altering water service facilities; renews and approves building permit applications for various types of developments; designs service connections, reviews development and construction plans for water service facilities, maintains maps and records of water distribution and service facilities; performs drafting work for the division; conducts special water service studies; administers water system facilities charges.

Equipment

8050	Misc. office equipment (R)	\$400
------	----------------------------	-------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5320 Service Engineering

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	545,015	589,056	510,975	476,712
4120	OVERTIME	365	1,800	600	1,800
4130	MISC PAYROLL COSTS	-	7,500	2,500	9,500
	TOTAL PERSONNEL SERVICES	545,380	598,356	514,075	488,012
	NO. OF POSITIONS	10	10	9	8
	TOTAL POSITIONS	10	10	9	8
4160	MEALS, MILEAGE, UNIFORM A	64	400	116	400
4250	OTHER CONTRACTUAL SERVICE	315	-	187	-
4430	MISC SUPPLIES	-	-	93	-
4460	OTHER MATERIALS & SUPPLIE	-	1,200	490	1,200
4815	REPAIR AND MAINT OF EQUIP	675	1,000	1,000	1,000
8050	EQUIPMENT UNDER \$5,000	-	400	400	400
	TOTAL MATERIAL & SUPPLIES	1,054	3,000	2,286	3,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	546,434	601,356	516,361	491,012

Section's Activity

The Cross-Connection Control Section manages and implements the Department's Cross-Connection Control Program; reviews construction plans for cross-connection control requirements; conducts agricultural rate inspections; inspects backflow prevention assembly installations; administers the annual backflow prevention assembly testing program; conducts the backflow prevention assembly tester training course; tests and maintains the Department's backflow prevention assemblies; performs public outreach/education on cross-connection control and backflow prevention.

Materials, Supplies and Services

4460 Rebuilding of hydrant rigs - temporary meters; calibration, repair, and shipping of BFPA test gages; and calibration of digital test gage and pressure recorders.

Equipment

8050	Electric tools, shop equipment	\$1,000
------	--------------------------------	---------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5325

Cross-Connections Control

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	274,761	295,548	281,870	295,548
4120	OVERTIME	1,735	2,400	3,076	2,400
4130	MISC PAYROLL COSTS	7,119	-	4,914	1,200
	TOTAL PERSONNEL SERVICES	283,615	297,948	289,861	299,148
	NO. OF POSITIONS	7	7	7	7
	TOTAL POSITIONS	7	7	7	7
4160	MEALS, MILEAGE, UNIFORM A	39	1,200	558	1,200
4250	OTHER CONTRACTUAL SERVICE	1,623	-	944	-
4430	MISC SUPPLIES	698	450	624	450
4460	OTHER MATERIALS & SUPPLIE	11,399	7,000	6,636	7,000
4815	REPAIR AND MAINT OF EQUIP	6,735	15,000	16,064	15,000
4910	MISC FEES & REGISTRATIONS	1,170	1,200	1,316	1,200
8050	EQUIPMENT UNDER \$5,000	-	1,000	512	1,000
	TOTAL MATERIAL & SUPPLIES	21,664	25,850	26,654	25,850
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	305,279	323,798	316,515	324,998

Section's Activity

Customer Service and Records Section services customers' applications requiring reestablishment, discontinuance or transfer of services; maintains customer records for billing purposes; initiates field investigations; reviews governmental agency water service contracts; and handles inquiries and complaints regarding BWS operations, policies, rates and high water bills. Issues, processes and maintains records of all orders for installing, reestablishing, removing, discontinuing, maintaining, repairing, relocating and testing meters and services; maintains all service records, maintains records of check meters, automatic fire sprinklers and special water services; prepares statistical reports on services. Assists other BWS personnel in other divisions with information, statistics, correct service numbers and locations, folio numbers and status of accounts via computer terminals and services files.

Equipment

8050	9 Wireless headsets (R)	\$2,475
------	-------------------------	---------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5330 Customer Service and Records

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	451,820	455,736	464,797	497,064
4120	OVERTIME	6,056	19,200	12,701	19,200
4130	MISC PAYROLL COSTS	-	4,800	2,400	7,200
	TOTAL PERSONNEL SERVICES	457,876	479,736	479,898	523,464
	NO. OF POSITIONS	12	14	14	14
	TOTAL POSITIONS	12	14	14	14
4160	MEALS, MILEAGE, UNIFORM A	61	1,700	662	1,700
4267	PRINTED FORMS	-	200	200	200
4430	MISC SUPPLIES	279	300	100	300
4460	OTHER MATERIALS & SUPPLIE	24	-	-	-
4720	CONFERENCE EXPENSES	650	-	-	-
4815	REPAIR AND MAINT OF EQUIP	698	200	200	200
8050	EQUIPMENT UNDER \$5,000	2,100	1,650	22,336	2,475
	TOTAL MATERIAL & SUPPLIES	3,812	4,050	23,498	4,875
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	461,688	483,786	503,396	528,339

Section's Activity

The Investigation Section investigates and determines causes of abnormalities, interruptions and reductions in water supply; investigates consumer complaints; locates underground piping systems; locates leaks; inspects water services for conformance to the department's rules and regulations; and obtains field data on water services.

Materials, Supplies and Services

4250 Special duty police for traffic control

4460 Locator balls, batteries, pliers, sound bars, wrenches, etc.

Equipment

8050	Various underground locators; leak correlator	\$28,000
------	---	----------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5350 Investigation

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,346,383	1,668,132	1,543,914	1,201,500
4120	OVERTIME	190,404	264,000	231,164	264,000
4130	MISC PAYROLL COSTS	-	-	-	6,000
	TOTAL PERSONNEL SERVICES	1,536,787	1,932,132	1,775,079	1,471,500
	NO. OF POSITIONS	29	37	33	24
	TOTAL POSITIONS	29	37	33	24
4160	MEALS, MILEAGE, UNIFORM A	14,058	17,200	17,780	17,200
4250	OTHER CONTRACTUAL SERVICE	21,188	16,000	16,703	16,000
4430	MISC SUPPLIES	476	400	305	400
4460	OTHER MATERIALS & SUPPLIE	2,714	5,000	5,443	5,000
4500	EDUCATION & TRAINING	3,891	-	-	-
4720	CONFERENCE EXPENSES	750	-	-	-
4815	REPAIR AND MAINT OF EQUIP	2,088	2,000	4,719	2,000
4910	MISC FEES & REGISTRATIONS	-	600	-	600
8050	EQUIPMENT UNDER \$5,000	16,608	31,000	28,000	28,000
	TOTAL MATERIAL & SUPPLIES	61,773	72,200	72,950	69,200
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	1,598,560	2,004,332	1,848,029	1,540,700

Section's Activity

The Project Review Section reviews all requests concerning the availability of water; reviews all water master plans of private and public developments; provides system pressure and flow data; evaluates existing system facilities to ascertain capacities required to support proposed private and public developments; and maintains the files of outstanding water commitments.

Equipment

8050	1 Flat bed scanner (R)	\$300
------	------------------------	-------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5370

Project and Plan Review

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	258,181	267,336	192,192	181,344
4120	OVERTIME	-	300	100	300
4130	MISC PAYROLL COSTS	-	-	-	500
	TOTAL PERSONNEL SERVICES	258,181	267,636	192,292	182,144
	NO. OF POSITIONS	3	4	3	3
	TOTAL POSITIONS	3	4	3	3
4160	MEALS, MILEAGE, UNIFORM A	-	100	100	100
4460	OTHER MATERIALS & SUPPLIE	64	400	200	400
8050	EQUIPMENT UNDER \$5,000	-	300	200	300
	TOTAL MATERIAL & SUPPLIES	64	800	500	800
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	258,245	268,436	192,792	182,944

Section's Activity

The Meter Maintenance Section operates and maintains the meter shop for testing and repairing meters; maintains and updates the meter record system; conducts annual meter replacement and overhaul program; inspects and performs large meter performance tests; repairs or replaces large meters; reviews and evaluates meter technical data; performs meter mastering to optimize meter type, size, and to diagnose problems; and installs and removes temporary fire hydrant meter assemblies.

Materials, Supplies and Services

- 1120 Meter inventory.
- 1125 Meter transceiver units, encoded register, and miscellaneous AMR inventory.
- 4460 Temporary hydrant meter components and other miscellaneous materials and supplies.
- 4815 Bench tester maintenance, and meter master battery replacement/repairs.

Equipment

8050	- Electric and pneumatic tools (R)	\$500
8050	2 Water usage recorders (R)	\$6,000
1270	4 Handheld meter reading devices (R)	\$36,000
1270	8 Handheld meter reading devices (N)	\$72,000



BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2011-2012

5385 Meter Maintenance

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	454,533	561,576	429,082	1,299,060
4120	OVERTIME	463	3,600	1,200	3,600
4130	MISC PAYROLL COSTS	653	-	-	3,600
	TOTAL PERSONNEL SERVICES	455,649	565,176	430,282	1,306,260
	NO. OF POSITIONS	10	12	9	32
	TOTAL POSITIONS	10	12	9	32
1120	METERS	374,508	610,400	609,053	778,353
1125	AMR MATERIALS & SUPPLIES	702,840	1,279,050	919,895	972,750
4160	MEALS, MILEAGE, UNIFORM A	869	1,900	1,176	1,900
4250	OTHER CONTRACTUAL SERVICE	5,093	-	3,668	132,080
4430	MISC SUPPLIES	16	200	200	200
4460	OTHER MATERIALS & SUPPLIE	17,827	24,000	10,289	18,000
4470	PARTS AND ACCESSORIES	-	2,000	1,600	2,000
4720	CONFERENCE EXPENSES	-	-	-	-
4815	REPAIR AND MAINT OF EQUIP	2,853	21,000	4,000	21,000
4910	MISC FEES & REGISTRATIONS	-	900	-	900
8050	EQUIPMENT UNDER \$5,000	15,780	500	-	6,500
	TOTAL MATERIAL & SUPPLIES	1,119,786	1,939,950	1,549,881	1,933,683
1270	GENERAL PLANT & EQUIPMENT	140,000	24,000	24,000	108,000
	TOTAL EQUIPMENT	140,000	24,000	24,000	108,000
	TOTAL OPERATING EXPENDITURES	1,715,435	2,529,126	2,004,163	3,347,943

Division's Activity

The Water Resources Division administers and coordinates long range planning and the capital program; conducts continuous hydrologic and geologic monitoring; conducts hydraulic water system analysis for infrastructure improvements and operational efficiency; and administers the water conservation and recycled water programs.

Details of expenditures are shown in each section.

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

TOTAL WATER RESOURCES

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,272,668	1,661,052	1,399,145	1,492,452
4120	OVERTIME	42,225	44,575	25,735	40,164
4130	MISC PAYROLL COSTS	600	15,336	5,252	34,956
	TOTAL PERSONNEL SERVICES	1,315,493	1,720,963	1,430,132	1,567,572
	NO. OF POSITIONS	20	27	23	23
	TOTAL POSITIONS	20	27	23	23
4160	MEALS, MILEAGE, UNIFORM A	1,377	540	618	820
4250	OTHER CONTRACTUAL SERVICE	281,221	357,721	318,347	518,740
4255	OTHER SERVICES	-	28,550	2,300	58,000
4265	PRINTING	-	300	100	100
4430	MISC SUPPLIES	6,422	9,000	5,938	9,000
4460	OTHER MATERIALS & SUPPLIE	5,050	21,096	3,521	6,016
4500	EDUCATION & TRAINING	1,826	9,977	2,503	8,600
4680	TELEPHONE	24	9,768	3,256	9,760
4720	CONFERENCE EXPENSES	450	2,650	1,250	5,300
4810	REPAIR AND MAINT OF RECYC	456,384	542,100	505,087	614,600
4815	REPAIR AND MAINT OF EQUIP	6,859	6,100	7,650	5,900
4915	MISCELLANEOUS FINANCIAL E	-	-	-	-
4920	NON-POTABLE WATER TREATME	4,063,483	4,925,800	5,147,728	6,246,200
4940	USGS COOPERATIVE INVESTIG	53,920	170,000	295,904	172,500
8050	EQUIPMENT UNDER \$5,000	228	4,650	7,748	12,200
	TOTAL MATERIAL & SUPPLIES	4,878,366	6,088,252	6,301,950	7,668,136
1270	GENERAL PLANT & EQUIPMENT	-	-	-	19,800
	TOTAL EQUIPMENT	-	-	-	19,800
	TOTAL OPERATING EXPENDITURES	6,193,859	7,809,215	7,732,082	9,255,508

Section's Activity

The Water Resources Administration Section coordinates and directs the activities of the operating unit to meet the departmental requirements for water system and water resources development, conservation and projection; advises and keeps management informed on water resources and administers the pertinent rules and regulations.

Materials, Supplies and Services

4250 Provisions for the Oahu Water Management Plan: East Honolulu.

4430 Office supplies; materials for charts, graphs and visual aids.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5450 Water Resources Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	374,064	404,952	386,158	318,480
4120	OVERTIME	4,147	5,200	2,704	-
4130	MISC PAYROLL COSTS	-	-	-	7,200
	TOTAL PERSONNEL SERVICES	378,211	410,152	388,862	325,680
	NO. OF POSITIONS	7	8	7	5
	TOTAL POSITIONS	7	8	7	5
4160	MEALS, MILEAGE, UNIFORM A	480	-	146	-
4250	OTHER CONTRACTUAL SERVICE	192,119	200,000	201,471	325,000
4430	MISC SUPPLIES	6,422	9,000	5,938	9,000
4460	OTHER MATERIALS & SUPPLIE	125	200	83	-
4500	EDUCATION & TRAINING	-	1,000	500	-
4680	TELEPHONE	-	660	220	660
4720	CONFERENCE EXPENSES	-	250	250	1,000
4815	REPAIR AND MAINT OF EQUIP	1,050	500	200	500
	TOTAL MATERIAL & SUPPLIES	200,196	211,610	208,808	336,160
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	578,407	621,762	597,670	661,840

Program's Activity

The Recycled Water Program is responsible for the treatment and distribution of recycled water for beneficial reuse island-wide; the construction, acquisition, and operation of recycled water treatment and distribution infrastructure; long-term service and support agreements with large water users; and to conduct research and provide public outreach to promote acceptance of recycled water.

Materials, Supplies and Services

4250 Recycled water sampling and testing.

4810 Services Agreement – maintenance & repair component, remote site repair & maintenance service fee, RO skid membrane replacement, high frequency ballasts replacement, and CMF membrane valves & actuators.

4920 Service fee components and land license fees.

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

5255 Recycled Water

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	-	-	-	-
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	-	-	-	-
	NO. OF POSITIONS	-	-	-	-
	TOTAL POSITIONS	-	-	-	-
4160	MEALS, MILEAGE, UNIFORM A	-	240	80	520
4250	OTHER CONTRACTUAL SERVICE	70,368	103,200	103,256	109,200
4265	PRINTING	-	200	100	-
4460	OTHER MATERIALS & SUPPLIE	485	2,000	450	1,300
4500	EDUCATION & TRAINING	-	-	-	-
4680	TELEPHONE	-	-	-	-
4720	CONFERENCE EXPENSES	-	1,900	500	2,300
4805	REPAIR AND MAINT OF STRUC	-	-	-	-
4810	REPAIR AND MAINT OF RECYC	456,384	542,100	505,087	614,600
4910	MISC FEES & REGISTRATIONS	80	-	-	-
4915	MISCELLANEOUS FINANCIAL E	-	-	-	-
4920	NON-POTABLE WATER TREATME	4,063,483	4,925,800	5,147,728	6,246,200
8050	EQUIPMENT UNDER \$5,000	-	1,300	200	1,000
	TOTAL MATERIAL & SUPPLIES	4,590,800	5,576,740	5,757,401	6,975,120
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	4,590,800	5,576,740	5,757,401	6,975,120

Section's Activity

The Water Systems Planning Section supports the functions of the Water Resources Division and other divisions by analyzing the feasibility of proposed capital projects and water system improvements using computer hydraulic models; verifying source contribution for the annual Consumer Confidence Report; developing specialized computer hydraulic models and analyzing operational scenarios; implementing/assisting with the investigation and resolution of customer complaints of inadequate water service; coordinating the acquisition and evaluation of private water systems; and gathering real-time operational data for analysis and evaluation.

Materials, Supplies and Services

4250 Mapping services, hydraulic water modeling support, flow meter maintenance, etc.

4460 Supplies for field testing, tools for installing portable flowmeters and pressure recorders, etc.

Equipment

1270	2 Portable ultrasonic flow meters	\$19,800
------	-----------------------------------	----------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5470 Water System Planning

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	213,022	331,968	216,127	331,968
4120	OVERTIME	20,999	15,111	7,219	21,348
4130	MISC PAYROLL COSTS	600	13,716	4,672	16,020
	TOTAL PERSONNEL SERVICES	234,621	360,795	228,017	369,336
	NO. OF POSITIONS	3	5	4	5
	TOTAL POSITIONS	3	5	4	5
4160	MEALS, MILEAGE, UNIFORM A	694	-	106	-
4250	OTHER CONTRACTUAL SERVICE	68	2,145	105	-
4460	OTHER MATERIALS & SUPPLIE	94	600	219	996
4500	EDUCATION & TRAINING	1,288	-	114	-
4680	TELEPHONE	-	-	-	-
4720	CONFERENCE EXPENSES	-	500	500	1,000
8050	EQUIPMENT UNDER \$5,000	-	1,850	3,592	6,600
	TOTAL MATERIAL & SUPPLIES	2,144	5,095	4,636	8,596
1270	GENERAL PLANT & EQUIPMENT	-	-	-	19,800
	TOTAL EQUIPMENT	-	-	-	19,800
	TOTAL OPERATING EXPENDITURES	236,765	365,890	232,653	397,732

Section's Activity

The Hydrology-Geology Section is responsible for water resource monitoring and evaluation. The section collects and analyzes hydrologic and geologic data to manage resources, to identify new sources, to determine capacity of groundwater resources and aquifer properties. Plans and specifications are prepared for the drilling, testing, and sealing of wells of varying utility. The data collection unit collects rainfall, production and water level data, and conducts geophysical well profiles. These compiled data as well as hydrologic advice provided by staff is given to other sections, units, agencies and the public as requested. The data is used for the preparation of source development and management reports and studies. Watershed related programs and activities are administered through the watershed coordinator.

Materials, Supplies and Services

- 4250 Watershed partnership support; NRC licenses.
- 4680 Cell phone services for remote data logging stations.
- 4940 Continuation of ongoing study of stream flows, rainfall measurements, groundwater monitoring with the United States Geological Survey.

Equipment

8050	Misc. equipment	\$1,000
------	-----------------	---------



BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5480

Hydrology-Geology

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	324,382	429,720	390,428	429,720
4120	OVERTIME	1,664	6,216	3,142	6,396
4130	MISC PAYROLL COSTS	-	1,620	580	1,740
	TOTAL PERSONNEL SERVICES	326,046	437,556	394,149	437,856
	NO. OF POSITIONS	5	7	6	7
	TOTAL POSITIONS	5	7	6	7
4160	MEALS, MILEAGE, UNIFORM A	93	300	216	300
4250	OTHER CONTRACTUAL SERVICE	18,666	50,180	12,783	82,500
4255	OTHER SERVICES	-	28,550	2,300	58,000
4265	PRINTING	-	100	-	100
4460	OTHER MATERIALS & SUPPLIE	3,404	15,500	1,438	1,200
4500	EDUCATION & TRAINING	538	7,437	835	8,600
4680	TELEPHONE	24	9,108	3,036	9,100
4720	CONFERENCE EXPENSES	-	-	-	250
4815	REPAIR AND MAINT OF EQUIP	5,809	5,000	7,100	5,000
4910	MISC FEES & REGISTRATIONS	-	-	-	400
4915	MISCELLANEOUS FINANCIAL E	-	-	-	-
4940	USGS COOPERATIVE INVESTIG	53,920	170,000	295,904	172,500
8050	EQUIPMENT UNDER \$5,000	-	1,500	3,956	4,600
	TOTAL MATERIAL & SUPPLIES	82,454	287,675	327,568	342,550
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	408,500	725,231	721,717	780,406

Section's Activity

The Long-Range Planning Section develops master and long-range plans for water system improvements to meet departmental goals and objectives; prepares population projections and estimates of future water requirements; and prepares, prioritizes, and justifies related Capital Program projects; conducts watershed management partnership and provides graphic art services to the department.

Materials, Supplies and Services

4250 Long range planning graphics.

4460 Graphic production materials.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5495 Long-Range Planning

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	361,200	494,412	406,432	412,284
4120	OVERTIME	15,415	18,048	12,671	12,420
4130	MISC PAYROLL COSTS	-	-	-	9,996
	TOTAL PERSONNEL SERVICES	376,615	512,460	419,103	434,700
	NO. OF POSITIONS	5	7	6	6
	TOTAL POSITIONS	5	7	6	6
4160	MEALS, MILEAGE, UNIFORM A	110	-	70	-
4250	OTHER CONTRACTUAL SERVICE	-	2,196	732	2,040
4260	ADV & PUBL OF NOTICES	1,042	-	-	-
4460	OTHER MATERIALS & SUPPLIE	942	2,796	1,331	2,520
4470	PARTS AND ACCESSORIES	-	-	-	-
4480	POSTAGE	-	-	-	-
4500	EDUCATION & TRAINING	-	1,540	1,054	-
4720	CONFERENCE EXPENSES	450	-	-	750
4815	REPAIR AND MAINT OF EQUIP	-	600	350	400
8050	EQUIPMENT UNDER \$5,000	228	-	-	-
	TOTAL MATERIAL & SUPPLIES	2,772	7,132	3,537	5,710
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	379,387	519,592	422,640	440,410

Division's Activity

The Land Division is responsible for acquiring water rights, land and land interests by purchase, eminent domain, lease or otherwise; conducts or contracts for title searches; prepares or secures surveys, maps and descriptions for land transactions; makes and/or contracts for land appraisals and analyzes those made by others; contracts and negotiates with private parties and governmental agencies to acquire water rights, land and land interests; prepares, checks and processes deeds, easements, leases, licenses, agreements and other documents through to final execution and recordation; administers all lands under the jurisdiction of the departments including recommendations on land use policies and carrying out the disposition of land and land interests, licenses, leases and easements; keeps abreast of laws and court decisions affecting water rights and land values.

Materials, Supplies and Services

4210 Nuuanu reservoirs survey work and fees for appraisals, title searches, recordation, easements, etc.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5460 Land

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	176,340	278,712	200,448	269,910
4120	OVERTIME	5,423	-	2,367	2,400
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	181,763	278,712	202,815	272,310
	NO. OF POSITIONS	3	6	3	5
	TOTAL POSITIONS	3	6	3	5
4160	MEALS, MILEAGE, UNIFORM A	150	-	10	-
4210	APPRAISALS, TITLE SEARCHE	126,750	475,000	317,327	475,000
4250	OTHER CONTRACTUAL SERVICE	5,153	-	317	-
4430	MISC SUPPLIES	244	600	334	600
4460	OTHER MATERIALS & SUPPLIE	28,824	-	1,385	-
4480	POSTAGE	-	100	50	100
4500	EDUCATION & TRAINING	-	1,000	400	-
4680	TELEPHONE	-	480	160	480
4720	CONFERENCE EXPENSES	-	-	-	900
4805	REPAIR AND MAINT OF STRUC	23,813	-	-	-
4915	MISCELLANEOUS FINANCIAL E	-	2,900	2,900	3,300
8050	EQUIPMENT UNDER \$5,000	-	-	-	200
	TOTAL MATERIAL & SUPPLIES	184,934	480,080	322,883	480,580
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	366,697	758,792	525,698	752,890

Division's Activity

The Field Operations Division is responsible for the maintenance of all waterworks facilities, including all pipelines, valves, fire hydrants, and corporation yards; developing, maintaining, and landscaping all grounds; installing, maintaining, and repairing service connections; maintaining office buildings and physical control of the storerooms and storage yards.

Details of expenditures are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL FIELD OPERATIONS

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	9,368,715	11,530,723	9,950,416	11,498,471
4120	OVERTIME	1,178,818	1,639,000	1,292,051	1,639,000
4130	MISC PAYROLL COSTS	367,174	306,000	271,434	306,000
	TOTAL PERSONNEL SERVICES	10,914,707	13,475,723	11,513,901	13,443,471
	NO. OF POSITIONS	196	227	200	227
	TOTAL POSITIONS	196	227	200	227
1110	MATERIALS & SUPPLIES	1,046,562	1,120,000	1,446,984	1,440,000
4160	MEALS, MILEAGE, UNIFORM A	95,389	91,920	93,011	95,920
4230	EMERGENCY & CONTR ROAD RE	2,791,258	3,500,000	1,927,915	3,500,000
4250	OTHER CONTRACTUAL SERVICE	193,141	538,600	262,345	533,600
4267	PRINTED FORMS	2,601	600	2,318	600
4280	REFUSE COLLECTION & DISPO	383,402	397,000	376,229	397,000
4420	HIGHWAY MATERIALS	12,778	120,000	54,343	60,000
4430	MISC SUPPLIES	9,625	12,000	7,867	12,000
4460	OTHER MATERIALS & SUPPLIE	245,440	283,200	237,191	283,200
4470	PARTS AND ACCESSORIES	7,973	3,000	2,435	3,000
4480	POSTAGE	-	-	-	-
4500	EDUCATION & TRAINING	4,204	12,000	9,458	12,000
4720	CONFERENCE EXPENSES	7,038	24,000	12,328	24,000
4805	REPAIR AND MAINT OF STRUC	12,771	60,000	27,220	60,000
4815	REPAIR AND MAINT OF EQUIP	27,643	21,600	19,993	21,600
4923	STORE MATERIALS & EXP DIS	508,039	378,000	329,848	378,000
8050	EQUIPMENT UNDER \$5,000	82,633	61,200	73,634	83,700
	TOTAL MATERIAL & SUPPLIES	5,430,597	6,623,120	4,883,520	6,904,620
1270	GENERAL PLANT & EQUIPMENT	12,934	-	-	20,500
	TOTAL EQUIPMENT	12,934	-	-	20,500
	TOTAL OPERATING EXPENDITURES	16,358,238	20,098,843	16,397,420	20,368,591

Section's Activity

Administers the affairs of the Field Operations Division.

Materials, Supplies and Services

4500 DSO/CEU training, \$12,000

4720 AWWA Annual Conference expenses.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5500 Field Operations Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	218,171	429,720	343,964	352,494
4120	OVERTIME	1,089	1,200	11,442	1,200
4130	MISC PAYROLL COSTS	-	18,000	6,000	18,000
	TOTAL PERSONNEL SERVICES	219,260	448,920	361,406	371,694
	NO. OF POSITIONS	5	7	6	7
	TOTAL POSITIONS	5	7	6	7
4160	MEALS, MILEAGE, UNIFORM A	-	-	760	-
4250	OTHER CONTRACTUAL SERVICE	42,996	-	24,041	60,000
4430	MISC SUPPLIES	1,517	-	-	-
4460	OTHER MATERIALS & SUPPLIE	75	-	7	-
4500	EDUCATION & TRAINING	4,104	12,000	8,945	12,000
4720	CONFERENCE EXPENSES	4,977	24,000	12,328	24,000
4910	MISC FEES & REGISTRATIONS	100	-	400	-
	TOTAL MATERIAL & SUPPLIES	53,769	36,000	46,481	96,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	273,029	484,920	407,887	467,694

Section's Activity

The Distribution Section directs and coordinates the activities pertaining to maintenance of pipelines, appurtenances, buildings and corporation yards; coordinates and directs the development, landscaping and maintenance of grounds; provides clerical support to sections of the division.

Materials, Supplies and Services

4230 contracted road repairs due to main breaks

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5510 Distribution Branch Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	98,810	201,768	133,276	171,132
4120	OVERTIME	1,073	1,200	1,019	1,200
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	99,883	202,968	134,294	172,332
	NO. OF POSITIONS	3	4	3	4
	TOTAL POSITIONS	3	4	3	4
4160	MEALS, MILEAGE, UNIFORM A	72	-	24	-
4230	EMERGENCY & CONTR ROAD RE	2,791,258	3,500,000	1,927,915	3,500,000
4250	OTHER CONTRACTUAL SERVICE	723	-	1,040	-
4430	MISC SUPPLIES	5,169	10,000	6,156	10,000
4460	OTHER MATERIALS & SUPPLIE	432	7,200	2,591	7,200
4500	EDUCATION & TRAINING	-	-	-	-
	TOTAL MATERIAL & SUPPLIES	2,797,654	3,517,200	1,937,726	3,517,200
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	2,897,537	3,720,168	2,072,020	3,689,532

Section's Activity

The Maintenance Section installs, operates and maintains valves, hydrants and appurtenances; disinfects mains; conducts welding, tapping and pipe cutting operations; operates and maintains the metropolitan gravity system, corporation yards, grounds and landscaped areas; conducts inspections of the distribution system and facilities.

Materials, Supplies and Services

4280 Contract for disposal of refuse and landfill fees.

Equipment

8050	13	Grass trimmers (R)	\$9,100
1270	1	Riding mower (R)	\$11,000
8050	4	Hedge trimmers (R)	\$2,300
8050	1	Trench compactor (R)	\$4,800
8050	1	Target saw (R)	\$1,600
8050	1	Generator, 2000w (R)	\$1,300
8050	2	Small gas pumps (R)	\$1,200
8050	1	Welding cables (N)	\$1,800

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL Maintenance 5520 5521 5522

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,918,204	2,477,808	2,054,125	2,477,808
4120	OVERTIME	109,593	266,000	154,046	266,000
4130	MISC PAYROLL COSTS	71,689	26,400	41,414	26,400
	TOTAL PERSONNEL SERVICES	2,099,486	2,770,208	2,249,585	2,770,208
	NO. OF POSITIONS	44	52	44	52
	TOTAL POSITIONS	44	52	44	-
4160	MEALS, MILEAGE, UNIFORM A	11,687	16,800	14,011	16,800
4250	OTHER CONTRACTUAL SERVICE	70,747	200,000	93,833	280,000
4280	REFUSE COLLECTION & DISPO	383,402	397,000	376,229	397,000
4430	MISC SUPPLIES	97	-	-	-
4460	OTHER MATERIALS & SUPPLIE	57,280	84,000	70,910	84,000
4470	PARTS AND ACCESSORIES	7,973	3,000	2,435	3,000
4500	EDUCATION & TRAINING	100	-	305	-
4805	REPAIR AND MAINT OF STRUC	1,248	-	-	-
4815	REPAIR AND MAINT OF EQUIP	15,360	6,000	7,172	6,000
8050	EQUIPMENT UNDER \$5,000	27,026	19,650	23,382	22,100
	TOTAL MATERIAL & SUPPLIES	575,570	726,450	588,277	808,900
1270	GENERAL PLANT & EQUIPMENT	-	-	-	11,000
	TOTAL EQUIPMENT	-	-	-	11,000
	TOTAL OPERATING EXPENDITURES	2,675,056	3,496,658	2,837,862	3,590,108

Section's Activity

The Construction Section conducts all major emergency repair operations involving water mains, reservoirs and appurtenances and performs emergency light repairs in the city areas; constructs pipelines and appurtenances and miscellaneous projects connected with force account; performs merchandising and jobbing projects; conducts all carpentry, masonry and heavy equipment operations.

Materials, Supplies and Services

- 4250 Heavy and semi-heavy construction equipment rentals; off-duty police for traffic control; etc.
- 4460 Small tools, parts and accessories for sump pumps, pavement breakers and heavy equipment; safety equipment, cable, rope, etc.
- 4815 Repairs to welding, soldering, pneumatic and gas-powered equipment, etc.

Equipment

8050	2	Small gas pumps (R)	\$1,200
8050	1	Trench compactor (R)	\$4,800
8050	1	Target saw (R)	\$1,600
8050	1	Pavement breaker, 60lb.(R)	\$1,300
8050	1	Generator, 2000w (R)	\$1,300
8050	2	Mud guns (R)	\$2,800

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5530

Construction

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	2,198,436	2,258,400	2,070,259	2,258,400
4120	OVERTIME	474,254	650,000	525,661	650,000
4130	MISC PAYROLL COSTS	118,943	96,000	91,185	96,000
	TOTAL PERSONNEL SERVICES	2,791,633	3,004,400	2,687,105	3,004,400
	NO. OF POSITIONS	42	39	37	39
	TOTAL POSITIONS	42	39	37	39
4160	MEALS, MILEAGE, UNIFORM A	31,799	36,000	31,924	36,000
4250	OTHER CONTRACTUAL SERVICE	45,748	47,000	36,507	47,000
4460	OTHER MATERIALS & SUPPLIE	47,591	36,000	32,943	36,000
4480	POSTAGE	-	-	-	-
4500	EDUCATION & TRAINING	-	-	208	-
4720	CONFERENCE EXPENSES	752	-	-	-
4805	REPAIR AND MAINT OF STRUC	8,754	36,000	18,189	36,000
4815	REPAIR AND MAINT OF EQUIP	4,408	6,000	4,442	6,000
8050	EQUIPMENT UNDER \$5,000	24,471	19,300	25,473	13,000
	TOTAL MATERIAL & SUPPLIES	163,523	180,300	149,686	174,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	2,955,156	3,184,700	2,836,791	3,178,400

Section's Activity

The Suburban Field Services Branch, in the respective suburban areas, operates the distribution systems, including the installation, maintenance and repair of mains, fire hydrants, valves and other appurtenances; operates and maintains the corporation yards; operates a radio-telephone communications center in each of the three suburban headquarters--Central, Leeward and Waianae baseyards.

Materials, Supplies and Services

4250 Police special duty – traffic control; facility repairs; sanitary survey repairs; welding services.

4460 Botanicals, small tools, miscellaneous supplies and materials.

4815 Repairs to lawn mowers, weed-eaters, welding, pneumatic and gas-powered equipment, etc.

Equipment

8050	1	Saber blade 16 (N)	\$3,800	1270	1	Riding mower (R)	\$9,500
8050	7	Grass trimmer (R)	\$4,900	8050	1	Metal detector (R)	\$900
8050	1	Hedge trimmer (R)	\$600	8050	3	Pavement breakers(R)	\$4,800
8050	1	Pole saw (R)	\$600				
8050	1	Chain saw (R)	\$500				
8050	2	Discharge pump (R)	\$1,400				
8050	8	Gear wrench ratchet sets (N)	\$1,200				
8050	10	Tapping machine bits (R)	\$4,000				
8050	2	Pavement breakers (R)	\$3,400				
8050	1	Honda pump (R)	\$600				

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

Total Suburban Field Services 5540 5541 5542 5543

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	2,786,404	3,155,532	2,869,117	3,264,370
4120	OVERTIME	440,805	540,600	437,651	540,600
4130	MISC PAYROLL COSTS	82,535	108,000	71,167	108,000
	TOTAL PERSONNEL SERVICES	3,309,744	3,804,132	3,377,935	3,912,970
	NO. OF POSITIONS	55	62	58	64
	TOTAL POSITIONS	55	62	58	64
4160	MEALS, MILEAGE, UNIFORM A	31,773	33,000	30,824	33,000
4250	OTHER CONTRACTUAL SERVICE	7,474	249,700	83,764	104,500
4430	MISC SUPPLIES	2,741	2,000	1,711	2,000
4460	OTHER MATERIALS & SUPPLIE	56,046	54,000	55,663	54,000
4815	REPAIR AND MAINT OF EQUIP	5,675	9,600	7,086	9,600
8050	EQUIPMENT UNDER \$5,000	16,396	14,650	14,844	26,700
	TOTAL MATERIAL & SUPPLIES	121,676	362,950	193,892	229,800
1270	GENERAL PLANT & EQUIPMENT	12,934	-	-	9,500
	TOTAL EQUIPMENT	12,934	-	-	9,500
	TOTAL OPERATING EXPENDITURES	3,444,354	4,167,082	3,571,828	4,152,270

Section's Activity

The Distribution Services Section installs new service connections and meters; maintains repairs and renews service connections; and maintains the Beretania Complex, Kalihi Office buildings and Kalihi Museum.

Materials, Supplies and Services

- 4250 Maintenance contract for rugs and dust mops, equipment rental and repair, etc.
- 4460 Small tool replacements and new issues, miscellaneous supplies, etc.
- 4805 Repair and maintenance of facilities.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL Distribution Services 5550 5551 5553

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	542,240	1,104,163	837,699	1,070,935
4120	OVERTIME	57,973	42,000	67,145	42,000
4130	MISC PAYROLL COSTS	32,688	8,400	16,368	8,400
	TOTAL PERSONNEL SERVICES	632,901	1,154,563	921,212	1,121,335
	NO. OF POSITIONS	14	25	19	24
	TOTAL POSITIONS	14	25	19	24
4160	MEALS, MILEAGE, UNIFORM A	6,393	3,120	6,019	3,120
4250	OTHER CONTRACTUAL SERVICE	13,515	8,400	9,861	8,400
4460	OTHER MATERIALS & SUPPLIE	6,026	6,000	7,393	6,000
4805	REPAIR AND MAINT OF STRUC	2,469	24,000	9,031	24,000
8050	EQUIPMENT UNDER \$5,000	-	4,600	5,740	-
	TOTAL MATERIAL & SUPPLIES	28,897	46,120	38,044	41,520
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	661,798	1,200,683	959,256	1,162,855

Section's Activity

Maintains the water distribution system, appurtenances and grounds within the Windward Section including all mains, valves and hydrants; repairs and installs service connections and operates a radio-telephone communications center.

Materials, Supplies and Services

4250 Equipment rentals and police for traffic control.

Equipment

8050	2	Whacker/tamper	\$10,000
8050	1	Electric blower	\$900
8050	-	Modular office furniture (N)	\$6,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5560

Windward District

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,356,533	1,615,620	1,371,957	1,615,620
4120	OVERTIME	90,469	132,000	90,253	132,000
4130	MISC PAYROLL COSTS	61,319	48,000	44,901	48,000
	TOTAL PERSONNEL SERVICES	1,508,321	1,795,620	1,507,111	1,795,620
	NO. OF POSITIONS	26	30	26	30
	TOTAL POSITIONS	26	30	26	30
4160	MEALS, MILEAGE, UNIFORM A	10,874	-	7,083	4,000
4250	OTHER CONTRACTUAL SERVICE	11,938	33,500	13,299	33,700
4460	OTHER MATERIALS & SUPPLIE	31,855	12,000	10,577	12,000
4815	REPAIR AND MAINT OF EQUIP	1,807	-	1,293	-
8050	EQUIPMENT UNDER \$5,000	493	3,000	800	16,900
	TOTAL MATERIAL & SUPPLIES	56,967	48,500	33,052	66,600
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	1,565,288	1,844,120	1,540,163	1,862,220

Section's Activity

The Procurement and Supply Section is responsible for physical control of the storerooms and storage yards; coordinates and processes the annual materials contract and stores and disposes of scrap and surplus materials.

Materials, Supplies and Services

1110 Storeroom inventory materials

4420 Asphalt, aggregate, cold mix, gravel, etc.

4460 Miscellaneous non-stock items

Equipment

8050 - Shelving (N) \$5,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5585 Procurement and Supply

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	249,917	287,712	270,019	287,712
4120	OVERTIME	3,562	6,000	4,834	6,000
4130	MISC PAYROLL COSTS	-	1,200	400	1,200
	TOTAL PERSONNEL SERVICES	253,479	294,912	275,253	294,912
	NO. OF POSITIONS	7	8	7	8
	TOTAL POSITIONS	7	8	7	8
1110	MATERIALS & SUPPLIES	1,046,562	1,120,000	1,446,984	1,440,000
4160	MEALS, MILEAGE, UNIFORM A	2,791	3,000	2,366	3,000
4267	PRINTED FORMS	1,989	600	2,318	600
4420	HIGHWAY MATERIALS	12,778	120,000	54,343	60,000
4430	MISC SUPPLIES	-	-	-	-
4460	OTHER MATERIALS & SUPPLIE	46,135	84,000	57,107	84,000
4923	STORE MATERIALS & EXP DIS	508,039	378,000	329,848	378,000
8050	EQUIPMENT UNDER \$5,000	14,247	-	3,395	5,000
	TOTAL MATERIAL & SUPPLIES	1,632,541	1,705,600	1,896,361	1,970,600
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	1,886,020	2,000,512	2,171,614	2,265,512

Division's Activity

The Capital Projects Division is responsible for developing and administering the department's Capital Program and the design and construction of all waterworks facilities, including mains and appurtenances, well and pump stations, reservoirs, and support facilities. This involves preparing detailed plans and specifications for all waterworks installations, administering consultant contracts, and implementing and inspecting all phases of construction.

Details of expenditures are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL CAPITAL PROJECTS

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	2,564,604	4,037,800	3,238,678	4,059,851
4120	OVERTIME	275,085	535,442	375,832	537,944
4130	MISC PAYROLL COSTS	-	177,360	141,560	290,670
	TOTAL PERSONNEL SERVICES	2,839,689	4,750,602	3,756,070	4,888,465
	NO. OF POSITIONS	40	66	52	66
	TOTAL POSITIONS	40	66	52	66
4160	MEALS, MILEAGE, UNIFORM A	12,690	11,000	13,191	11,000
4250	OTHER CONTRACTUAL SERVICE	61,264	93,500	85,795	656,996
4260	ADV & PUBL OF NOTICES	933	300	219	300
4270	PROFESSIONAL SERVICES	-	-	-	-
4430	MISC SUPPLIES	1,122	4,000	1,835	4,200
4460	OTHER MATERIALS & SUPPLIE	8,459	13,400	8,526	13,400
4480	POSTAGE	15	-	-	-
4500	EDUCATION & TRAINING	1,812	12,400	4,761	26,650
4720	CONFERENCE EXPENSES	6,203	5,850	4,208	11,200
4815	REPAIR AND MAINT OF EQUIP	5,908	8,500	7,291	9,100
4910	MISC FEES & REGISTRATIONS	140	500	80	500
8050	EQUIPMENT UNDER \$5,000	17,291	1,100	3,407	2,600
	TOTAL MATERIAL & SUPPLIES	116,274	150,550	129,313	735,946
1270	GENERAL PLANT & EQUIPMENT	-	-	-	28,000
	TOTAL EQUIPMENT	-	-	-	28,000
	TOTAL OPERATING EXPENDITURES	2,955,963	4,901,152	3,885,383	5,652,411

Section's Activity

The Engineering Branch Administration administers the programs involving the planning, designing, inspecting and executing of all waterworks projects that are incorporated into the public water system.

Materials, Supplies and Services

4250 Capital Project Program management services \$500,000

4815 Copy machine and electronic time machine maintenance, etc.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5565 Engineering Branch Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	189,719	375,038	392,916	459,269
4120	OVERTIME	-	1,100	2,322	1,100
4130	MISC PAYROLL COSTS	-	13,140	4,380	13,140
	TOTAL PERSONNEL SERVICES	189,719	389,278	399,618	473,509
	NO. OF POSITIONS	4	6	6	7
	TOTAL POSITIONS	4	6	6	7
4160	MEALS, MILEAGE, UNIFORM A	-	200	77	200
4250	OTHER CONTRACTUAL SERVICE	432	-	-	500,000
4260	ADV & PUBL OF NOTICES	933	300	150	300
4430	MISC SUPPLIES	862	2,000	1,407	2,200
4460	OTHER MATERIALS & SUPPLIE	44	-	47	-
4500	EDUCATION & TRAINING	135	-	220	1,900
4720	CONFERENCE EXPENSES	2,134	1,850	250	3,750
4815	REPAIR AND MAINT OF EQUIP	1,546	2,400	2,292	2,400
8050	EQUIPMENT UNDER \$5,000	17,291	-	2,099	1,000
	TOTAL MATERIAL & SUPPLIES	23,377	6,750	6,541	511,750
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	213,096	396,028	406,160	985,259

Section's Activity

The Design Section administers the department's Capital Program through project management teams; prepares detailed specifications and plans for all waterworks installations; coordinates and administers all consultant contracts; coordinates and secures all necessary permits and clearances for construction; provides design assistance to other divisions as required; determines feasibility of pipeline alignments, reservoir sites and pumping facilities; prepares plans and specifications for all major replacement and repair projects including additions to the system.

Materials, Supplies and Services

4460 Miscellaneous engineering and office supplies.

4500 Autocad training and other miscellaneous technical training classes

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

5570 Design Section

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	363,058	969,660	730,325	978,306
4120	OVERTIME	26,796	35,142	36,522	35,144
4130	MISC PAYROLL COSTS	-	29,220	29,220	29,220
	TOTAL PERSONNEL SERVICES	389,854	1,034,022	796,066	1,042,670
	NO. OF POSITIONS	5	16	12	16
	TOTAL POSITIONS	5	16	12	16
4160	MEALS, MILEAGE, UNIFORM A	1,228	600	1,790	600
4430	MISC SUPPLIES	73	-	-	-
4460	OTHER MATERIALS & SUPPLIE	307	3,000	1,492	3,000
4480	POSTAGE	5	-	-	-
4500	EDUCATION & TRAINING	205	4,200	1,514	8,000
4720	CONFERENCE EXPENSES	-	-	-	900
8050	EQUIPMENT UNDER \$5,000	-	-	608	-
	TOTAL MATERIAL & SUPPLIES	1,818	7,800	5,404	12,500
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	391,672	1,041,822	801,470	1,055,170

Section's Activity

The Construction Section implements and inspects the construction phases of the department's Capital Program. This section also plans and coordinates construction schedules and procedures of all water system facilities; inspects the construction of all water system facilities for adherence to the department's standards, policies, plans and specifications utilizing approved construction and engineering practices.

Materials, Supplies and Services

4250 Photographic services for project progress and cell phone services.

4460 Miscellaneous supplies including aluminum forms, trowels, etc.

Equipment

8050	2	Pressure gauges and snubbers (R)	\$400
8050	2	Tape measures (R)	\$50
8050	2	Power inverters (R)	\$150

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

5575

Construction

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,195,184	1,779,829	1,302,707	1,674,588
4120	OVERTIME	248,289	499,200	336,989	499,200
4130	MISC PAYROLL COSTS	-	135,000	107,960	243,010
	TOTAL PERSONNEL SERVICES	1,443,473	2,414,029	1,747,656	2,416,798
	NO. OF POSITIONS	18	29	20	27
	TOTAL POSITIONS	18	29	20	27
4160	MEALS, MILEAGE, UNIFORM A	11,462	10,200	11,324	10,200
4250	OTHER CONTRACTUAL SERVICE	33,341	43,000	45,250	36,996
4260	ADV & PUBL OF NOTICES	-	-	69	-
4430	MISC SUPPLIES	21	2,000	428	2,000
4460	OTHER MATERIALS & SUPPLIE	2,497	4,700	2,510	4,700
4480	POSTAGE	10	-	-	-
4500	EDUCATION & TRAINING	1,053	6,000	2,227	6,000
4720	CONFERENCE EXPENSES	3,126	3,000	3,458	4,400
4910	MISC FEES & REGISTRATIONS	140	500	80	500
8050	EQUIPMENT UNDER \$5,000	-	600	200	600
	TOTAL MATERIAL & SUPPLIES	51,650	70,000	65,547	65,396
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	1,495,123	2,484,029	1,813,203	2,482,194

Section's Activity

The Support Section prepares the Department's annual Capital Program; coordinates BWS projects with other City and State projects; prepares plans, specifications, and contract documents for facility repair and replacement projects; oversees consultant contracts for studies and for the design of repairs to BWS facilities and water system improvements; coordinates and assembles plans and specifications for projects to be advertised for competitive bidding; prepares maps for presentations on BWS projects to community associations; develops and maintains water system standards; conducts materials testing and research programs to evaluate new materials and equipment; maintains main break records and develops main replacement programs; maintains and updates the distribution maps; develops fire protection improvement programs; maintains and updates fire hydrant files; prepares responses to public information requests and complaints on water facilities; updates BWS GIS water infrastructure data, main break locations, and BWS project data; compiles the Engineering Branch's physical inventory; purchases common engineering supplies for the Branch; and maintains the Department's construction as-built drawings.

Materials, Supplies and Services

- 4250 Consolidated charges for printing of Water System standards, reproduction of maps, mylar duplicates, as-built plans, contract drawings, departmental tax map rentals, photographic services, etc. Forensic engineering services.
- 4460 Consolidated charges for all engineering supplies such as drafting paper, acetate film, ink, lettering scales, plotter supplies, survey crew supplies, blueprint machine supplies, canvas map covers, etc.
- 4815 Repair and maintenance of blueprint machines and survey equipment.

Equipment

1270	5-drawer lateral files (N)	\$28,000
------	----------------------------	----------



BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5580

Support Unit

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	571,998	543,805	514,332	545,814
4120	OVERTIME	-	-	-	2,500
4130	MISC PAYROLL COSTS	-	-	-	5,300
	TOTAL PERSONNEL SERVICES	571,998	543,805	514,332	553,614
	NO. OF POSITIONS	9	9	8	9
	TOTAL POSITIONS	9	9	8	9
4160	MEALS, MILEAGE, UNIFORM A	-	-	-	-
4250	OTHER CONTRACTUAL SERVICE	11,362	10,500	14,081	45,000
4270	PROFESSIONAL SERVICES	-	-	-	-
4430	MISC SUPPLIES	133	-	-	-
4460	OTHER MATERIALS & SUPPLIE	5,302	4,200	3,957	4,200
4500	EDUCATION & TRAINING	135	1,200	400	9,000
4720	CONFERENCE EXPENSES	943	500	500	300
4810	REPAIR AND MAINT OF RECYC	437	-	-	-
4815	REPAIR AND MAINT OF EQUIP	4,362	6,100	4,999	6,700
	TOTAL MATERIAL & SUPPLIES	22,674	22,500	23,937	65,200
1270	GENERAL PLANT & EQUIPMENT	-	-	-	28,000
	TOTAL EQUIPMENT	-	-	-	28,000
	TOTAL OPERATING EXPENDITURES	594,672	566,305	538,269	646,814

Section's Activity

The Mechanical/Electrical Section administers the Department's mechanical and electrical Capital Program through consultant contracts and in-house design; reviews consultant plans, specifications and cost estimates; assists Capital Projects Division with mechanical and electrical design portions of their projects; prepares project plans, specifications and other necessary documents for competitive bidding; prepares contracts, award letters, change orders, and other required correspondence; prepares cost estimates to secure funding for future projects; provide technical assistance to construction inspectors during construction; conduct performance and acceptance testing of all mechanical and electrical equipment

Materials, Supplies and Services

4250 Temporary HECO and Hawaiian Tel services for construction projects..

Equipment

8050 2 Chairs (R) \$1,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5630

Mechanical and Electrical

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	244,645	369,468	298,398	401,874
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	244,645	369,468	298,398	401,874
	NO. OF POSITIONS	4	6	5	7
	TOTAL POSITIONS	4	6	5	7
4250	OTHER CONTRACTUAL SERVICE	16,129	40,000	26,464	75,000
4265	PRINTING	-	-	-	-
4430	MISC SUPPLIES	33	-	-	-
4440	MOTOR VEHICLE PARTS & ACC	-	-	-	-
4460	OTHER MATERIALS & SUPPLIE	309	1,500	520	1,500
4500	EDUCATION & TRAINING	284	1,000	400	1,750
4720	CONFERENCE EXPENSES	-	500	-	1,850
8050	EQUIPMENT UNDER \$5,000	-	500	500	1,000
	TOTAL MATERIAL & SUPPLIES	16,755	43,500	27,884	81,100
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	261,400	412,968	326,282	482,974

Division's Activity

The Water System Operations Division is responsible for the operations and maintenance of pumping and water treatment plant equipment, plant facilities, and communications and electronic control systems. It maintains a 24-hour watch over the department's island-wide water systems and departmental electrical and emergency power supply systems. The unit also administers the mechanical and electrical Capital Program; performs required water quality testing and monitoring; and purchases, maintains, and repairs the department's vehicles and construction equipment.

Details of expenditures are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2011-2012

WATER SYSTEM OPERATIONS

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	4,352,139	6,068,351	4,814,462	6,211,869
4120	OVERTIME	508,770	648,703	619,254	665,703
4130	MISC PAYROLL COSTS	37,680	271,682	125,019	190,324
	TOTAL PERSONNEL SERVICES	4,898,589	6,988,736	5,558,735	7,067,896
	NO. OF POSITIONS	88	119	95	123
	TOTAL POSITIONS	88	119	95	123
4160	MEALS, MILEAGE, UNIFORM A	83,972	71,360	63,229	65,900
4250	OTHER CONTRACTUAL SERVICE	2,169,248	902,800	627,551	1,021,100
4265	PRINTING	-	-	-	-
4267	PRINTED FORMS	-	100	-	100
4410	GASOLINE	658,195	974,600	843,669	990,000
4430	MISC SUPPLIES	3,673	9,200	6,465	9,200
4440	MOTOR VEHICLE PARTS & ACC	423,775	351,600	405,429	408,900
4460	OTHER MATERIALS & SUPPLIE	449,254	637,600	408,542	616,000
4470	PARTS AND ACCESSORIES	239,653	394,000	432,489	431,600
4500	EDUCATION & TRAINING	47,031	133,780	78,107	162,900
4670	TELEMETERING	212,764	240,000	212,726	240,000
4720	CONFERENCE EXPENSES	1,160	10,600	6,720	12,300
4805	REPAIR AND MAINT OF STRUC	905	600	600	700
4810	REPAIR AND MAINT OF RECYC	-	-	-	-
4815	REPAIR AND MAINT OF EQUIP	737,496	4,850,700	3,102,935	3,132,900
4910	MISC FEES & REGISTRATIONS	6,194	8,440	8,843	12,400
4915	MISCELLANEOUS FINANCIAL E	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	151,099	428,050	231,179	458,735
	TOTAL MATERIAL & SUPPLIES	5,184,457	9,013,430	6,428,495	7,982,735
1270	GENERAL PLANT & EQUIPMENT	1,159,917	2,225,800	1,802,065	1,509,800
	TOTAL EQUIPMENT	1,159,917	2,225,800	1,802,065	1,509,800
	TOTAL OPERATING EXPENDITURES	11,242,963	18,227,966	13,789,294	16,560,431

Section's Activity

Administers the affairs of the Water System Operations Division; provides engineering and clerical support to sections within the unit.

Materials, Supplies and Services

4250 Cell phone charges; office equipment maintenance.

4270 Water Systems Operations study

4430 Office supplies.

4460 Drafting supplies; miscellaneous supplies, etc.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5600 Water System Operations Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	353,683	335,916	290,486	365,922
4120	OVERTIME	5,851	-	8,691	1,200
4130	MISC PAYROLL COSTS	1,619	-	-	-
	TOTAL PERSONNEL SERVICES	361,153	335,916	299,176	367,122
	NO. OF POSITIONS	6	6	6	8
	TOTAL POSITIONS	6	6	6	8
4160	MEALS, MILEAGE, UNIFORM A	-	-	-	-
4250	OTHER CONTRACTUAL SERVICE	24,375	24,000	18,279	25,200
4270	PROFESSIONAL SERVICES	-	-	-	420,000
4430	MISC SUPPLIES	1,632	8,000	5,646	8,000
4460	OTHER MATERIALS & SUPPLIE	339	1,200	428	1,200
4500	EDUCATION & TRAINING	-	880	280	900
4720	CONFERENCE EXPENSES	-	1,800	1,800	1,800
4815	REPAIR AND MAINT OF EQUIP	-	800	-	900
4910	MISC FEES & REGISTRATIONS	5,043	1,740	2,138	1,700
8050	EQUIPMENT UNDER \$5,000	-	1,000	1,000	-
	TOTAL MATERIAL & SUPPLIES	31,389	39,420	29,571	459,700
1270	GENERAL PLANT & EQUIPMENT	-	8,000	8,000	-
	TOTAL EQUIPMENT	-	8,000	8,000	-
	TOTAL OPERATING EXPENDITURES	392,542	383,336	336,747	826,822

Section's Activity

The Pumps Section operates, maintains, repairs and installs equipment of the pumping systems consisting of electrical pumping plants, booster pumping stations, water treatment plants, hydraulic turbine pumping units, water treatment stations, reservoirs, reservoir altitude valves, in-line check and hydraulically-operated butterfly valves and pressure-regulating valves, aerators, meters and gauges, repair shops, buildings and structures, air conditioners, exhaust blowers and fans, auxiliary pumping and water treatment equipment; regulates the water supply within the water distribution systems through the use of a variety of mechanically and electrically-operated supervisory controls; operates the department's after-hour control center; maintains a 24-hour watch over department's island-wide water system.

Materials, Supplies and Services

4460 chlorine replacement

4815 Motor rewind and reconditioning.

Equipment

1270	2	Portable ultrasonic flowmeter (N)	\$30,000
8050	2	Micro ohmmeter (N)	\$6,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5610 Pumping

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	91,322	167,676	139,966	167,676
4120	OVERTIME	7,077	6,000	6,654	6,000
4130	MISC PAYROLL COSTS	-	18,000	800	2,400
	TOTAL PERSONNEL SERVICES	98,399	191,676	147,420	176,076
	NO. OF POSITIONS	3	3	3	3
	TOTAL POSITIONS	3	3	3	3
4160	MEALS, MILEAGE, UNIFORM A	328	240	180	300
4250	OTHER CONTRACTUAL SERVICE	-	-	-	-
4460	OTHER MATERIALS & SUPPLIE	7,511	324,000	176,158	348,000
4470	PARTS AND ACCESSORIES	1,312	-	7,773	-
4500	EDUCATION & TRAINING	-	2,820	1,420	1,800
4720	CONFERENCE EXPENSES	-	600	600	700
4815	REPAIR AND MAINT OF EQUIP	163,913	4,548,300	2,980,039	2,716,800
8050	EQUIPMENT UNDER \$5,000	-	30,000	26,162	6,000
	TOTAL MATERIAL & SUPPLIES	173,969	4,905,960	3,192,332	3,073,600
1270	GENERAL PLANT & EQUIPMENT	-	183,400	183,400	30,000
	TOTAL EQUIPMENT	-	183,400	183,400	30,000
	TOTAL OPERATING EXPENDITURES	272,368	5,281,036	3,523,152	3,279,676

Section's Activity

District 1 consists of the stations on the leeward side of the island from Waipahu to Makaha. Granular activated carbon filtration plants are located at Hoaeae Wells; Waipahu Wells I, II, III, and IV; Kunia Wells I and II; and Waipio Heights Wells III.

Materials, Supplies and Services

- 4460 Lubricants for pumps, bearings and shafts, chlorine, sodium hypochlorite, replacements of small hand tools, miscellaneous parts, accessories and supplies, etc

- 4470 Provisions for pump and well control electronic conversion, pressure recorder parts, small electric motors, solenoid valves, electronic controls, motor line starters, etc.

- 4815 Replacement, reconditioning, maintenance and emergency repairs of pumps and motors and water treatment plant carbon replacement.

Equipment

8050	12	LMI chlorination pumps	\$20,400
8050	1	5000 volt megohmeter (N)	\$3,000
8050	7	Pocket colorimeter (N)	\$3,500
8050	-	Pneumatic tools (R)	\$3,000
1270	1	12-IN check valve – Waipahu Wells III	\$6,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5611 Pumps - District 1

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	352,269	560,532	415,013	560,532
4120	OVERTIME	67,531	144,000	98,327	132,000
4130	MISC PAYROLL COSTS	2,612	16,800	19,200	16,800
	TOTAL PERSONNEL SERVICES	422,412	721,332	532,540	709,332
	NO. OF POSITIONS	7	10	8	11
	TOTAL POSITIONS	7	10	8	11
4460	OTHER MATERIALS & SUPPLIE	61,375	51,000	28,621	36,000
4815	REPAIR AND MAINT OF EQUIP	1,107,946	15,500	41,326	34,000
4160	MEALS, MILEAGE, UNIFORM A	4,111	7,200	5,549	7,200
4250	OTHER CONTRACTUAL SERVICE	-	-	-	-
4470	PARTS AND ACCESSORIES	40,171	90,000	56,403	114,200
4500	EDUCATION & TRAINING	-	4,400	1,320	4,800
4720	CONFERENCE EXPENSES	-	600	600	700
4805	REPAIR AND MAINT OF STRUC	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	4,626	32,550	7,800	29,900
	TOTAL MATERIAL & SUPPLIES	1,218,229	201,250	141,619	226,800
1270	GENERAL PLANT & EQUIPMENT	-	43,300	43,300	6,000
	TOTAL EQUIPMENT	-	43,300	43,300	6,000
	TOTAL OPERATING EXPENDITURES	1,640,641	965,882	717,459	942,132

Section's Activity

District 2 consists of the stations on the windward, central, and north shore areas of the island from Waimanalo to Kahuku to Mokuleia to Mililani. Granular activated carbon filtration plants are located at Waialua Wells; Haleiwa Wells; and Mililani Wells I and III.

Materials, Supplies and Services

- 4460 Lubricants for pumps, bearings and shafts, chlorine, sodium hypochlorite, replacements of small hand tools, miscellaneous parts, accessories and supplies, etc
- 4470 Provisions for pump and well control electronic conversion, pressure recorder parts, small electric motors, solenoid valves, electronic controls, motor line starters, etc.
- 4815 Replacement, reconditioning, maintenance and emergency repairs of pumps and motors and water treatment plant carbon replacement.

Equipment

8050	5	Pocket colorimeter (N)	\$2,500
8050	4	LMI chlorination pumps (N)/(R)	\$6,800



BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5612

Pumps - District 2

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	409,023	517,723	441,631	517,723
4120	OVERTIME	109,684	168,000	140,093	144,000
4130	MISC PAYROLL COSTS	9,841	54,000	29,294	48,000
	TOTAL PERSONNEL SERVICES	528,548	739,723	611,017	709,723
	NO. OF POSITIONS	8	10	8	10
	TOTAL POSITIONS	8	10	8	10
4160	MEALS, MILEAGE, UNIFORM A	5,967	7,200	7,157	7,200
4250	OTHER CONTRACTUAL SERVICE	1,803	-	-	-
4420	HIGHWAY MATERIALS	20	-	-	-
4460	OTHER MATERIALS & SUPPLIE	51,496	45,600	22,276	25,800
4470	PARTS AND ACCESSORIES	29,263	103,200	96,197	115,200
4500	EDUCATION & TRAINING	-	4,400	1,547	4,800
4720	CONFERENCE EXPENSES	-	600	600	700
4810	REPAIR AND MAINT OF RECYC	-	-	-	-
4815	REPAIR AND MAINT OF EQUIP	387,293	166,000	2,550	244,000
8050	EQUIPMENT UNDER \$5,000	1,159	-	-	9,300
	TOTAL MATERIAL & SUPPLIES	477,000	327,000	130,327	407,000
1270	GENERAL PLANT & EQUIPMENT	-	100,000	10,000	-
	TOTAL EQUIPMENT	-	100,000	10,000	-
	TOTAL OPERATING EXPENDITURES	1,005,548	1,166,723	751,344	1,116,723

Section's Activity

District 3 consists of the stations in Metropolitan Honolulu from Kalihi to Makapuu.

Materials, Supplies and Services

- 4460 Lubricants for pumps, bearings and shafts, chlorine, sodium hypochlorite, replacements of small hand tools, miscellaneous parts, accessories and supplies, etc
- 4470 Provisions for pump and well control electronic conversion, pressure recorder parts, small electric motors, solenoid valves, electronic controls, motor line starters, etc.
- 4815 Replacement, reconditioning, maintenance and emergency repairs of pumps and motors.

Equipment

8050	5	Pocket colorimeter (N)	\$2,500
8050	9	LMI chlorination pumps (R)	\$15,300

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5613

Pumps - District 3

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	299,820	518,592	345,208	518,592
4120	OVERTIME	40,078	60,000	44,366	60,000
4130	MISC PAYROLL COSTS	-	16,800	5,600	16,800
	TOTAL PERSONNEL SERVICES	339,898	595,392	395,174	595,392
	NO. OF POSITIONS	6	10	7	10
	TOTAL POSITIONS	6	10	7	10
4160	MEALS, MILEAGE, UNIFORM A	2,445	4,200	2,686	4,200
4250	OTHER CONTRACTUAL SERVICE	-	-	-	-
4460	OTHER MATERIALS & SUPPLIE	46,372	26,200	13,674	13,100
4470	PARTS AND ACCESSORIES	34,270	67,200	47,076	79,200
4500	EDUCATION & TRAINING	-	4,400	1,320	4,800
4720	CONFERENCE EXPENSES	-	600	600	700
4815	REPAIR AND MAINT OF EQUIP	3,703	6,000	3,151	24,000
8050	EQUIPMENT UNDER \$5,000	558	18,000	17,436	18,300
	TOTAL MATERIAL & SUPPLIES	87,348	126,600	85,943	144,300
1270	GENERAL PLANT & EQUIPMENT	-	195,000	195,000	-
	TOTAL EQUIPMENT	-	195,000	195,000	-
	TOTAL OPERATING EXPENDITURES	427,246	916,992	676,117	739,692

Section's Activity

District 4 consists of the stations from Kalihi to Pearl City.

Materials, Supplies and Services

- 4460 Lubricants for pumps, bearings and shafts, sodium hypochlorite, replacements of small hand tools, miscellaneous parts, accessories and supplies, etc
- 4470 Provisions for pump and well control electronic conversion, pressure recorder parts, small electric motors, solenoid valves, electronic controls, motor line starters, etc.
- 4815 GAC replacement, elevator maintenance.

Equipment

8050	4	Infrared thermometer (N)	\$1,300
8050	4	LMI chlorination pumps (R)	\$6,800
8050	4	Pocket colorimeter (R)	\$2,000
8050	3	Insulation tester (N)	\$1,200
8050	4	Drum pump (R)	\$4,400

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5614

Pumps - District 4

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	353,645	512,604	412,092	512,604
4120	OVERTIME	31,189	40,000	32,391	48,000
4130	MISC PAYROLL COSTS	4,773	71,250	37,850	48,000
	TOTAL PERSONNEL SERVICES	389,607	623,854	482,333	608,604
	NO. OF POSITIONS	7	10	8	10
	TOTAL POSITIONS	7	10	8	10
4160	MEALS, MILEAGE, UNIFORM A	1,922	2,000	2,127	2,000
4460	OTHER MATERIALS & SUPPLIE	128,345	9,000	7,496	9,800
4470	PARTS AND ACCESSORIES	39,680	94,000	134,434	94,000
4500	EDUCATION & TRAINING	-	4,400	1,629	4,800
4720	CONFERENCE EXPENSES	-	600	600	700
4815	REPAIR AND MAINT OF EQUIP	20,409	10,000	3,357	25,200
8050	EQUIPMENT UNDER \$5,000	34,844	15,200	3,750	15,700
	TOTAL MATERIAL & SUPPLIES	225,200	135,200	153,393	152,200
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	614,807	759,054	635,725	760,804

Section's Activity

Operates the department's island-wide water system on a 24/7 basis. Is responsible for maintaining proper system pressure and levels to meet the needs of our customers. Due to its round-the-clock operation, the Control Center has the responsibility of being the point of contact for the public outside of the Board's regular working hours.

Equipment

8050	10 Telephone headsets (R)	\$1,000
8050	3 Chairs (R)	\$2,100

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5615 Pumps - Control Center

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	435,005	580,968	493,841	580,968
4120	OVERTIME	134,410	78,000	135,649	96,000
4130	MISC PAYROLL COSTS	-	12,000	4,000	12,000
	TOTAL PERSONNEL SERVICES	569,415	670,968	633,489	688,968
	NO. OF POSITIONS	9	12	10	12
	TOTAL POSITIONS	9	12	10	12
4160	MEALS, MILEAGE, UNIFORM A	5,845	2,100	7,014	8,400
4460	OTHER MATERIALS & SUPPLIE	-	-	-	-
4500	EDUCATION & TRAINING	-	5,280	1,760	4,800
4720	CONFERENCE EXPENSES	-	600	600	700
8050	EQUIPMENT UNDER \$5,000	-	2,800	2,000	3,100
	TOTAL MATERIAL & SUPPLIES	5,845	10,780	11,374	17,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	575,260	681,748	644,863	705,968

Section's Activity

The Pumps – Technical Services Section operates, maintains, repairs, and installs air conditioners, exhaust blowers, fans, and electrical power at Beretania and the five outlying base yards; and maintains flow tubes.

Materials, Supplies and Services

4470 Provisions for parts and air conditioning units, pump and well control electronic conversion, pressure recorder parts, small electric motors, solenoid valves, electronic controls, motor line starters, etc.

Equipment

8050	1	Portable generator (N)	\$1,500
8050	1	Industrial thermal imager (N)	\$4,500
8050	2	Cordless angle grinder (N)	\$800
8050	-	Misc. tools & power tools (R)	\$2,400

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5616 Pumps - Technical Services

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	248,841	453,696	313,131	453,696
4120	OVERTIME	17,290	33,600	23,945	42,000
4130	MISC PAYROLL COSTS	-	6,000	6,099	25,000
	TOTAL PERSONNEL SERVICES	266,131	493,296	343,175	520,696
	NO. OF POSITIONS	5	9	6	9
	TOTAL POSITIONS	5	9	6	9
4160	MEALS, MILEAGE, UNIFORM A	1,172	1,200	1,043	1,200
4250	OTHER CONTRACTUAL SERVICE	58,625	-	216	-
4460	OTHER MATERIALS & SUPPLIE	25,492	21,600	18,526	20,100
4470	PARTS AND ACCESSORIES	9,044	19,200	30,294	22,800
4500	EDUCATION & TRAINING	-	3,000	1,000	3,000
4720	CONFERENCE EXPENSES	-	600	600	700
4815	REPAIR AND MAINT OF EQUIP	80,603	12,000	6,997	14,400
8050	EQUIPMENT UNDER \$5,000	3,467	6,300	6,118	9,200
	TOTAL MATERIAL & SUPPLIES	178,403	63,900	64,793	71,400
1270	GENERAL PLANT & EQUIPMENT	6,845	-	-	-
	TOTAL EQUIPMENT	6,845	-	-	-
	TOTAL OPERATING EXPENDITURES	451,379	557,196	407,968	592,096

Section's Activity

The Telecommunications Section plans, modifies, adapts, installs, operates, maintains and repairs telecommunications equipment used in radio, microwave, supervisory control and telemetry networks covering the water distribution and pumping systems of the department, and industrial electronic equipment used in the operation of electrical pumping plants and underground pipe locating devices; designs multi-function telemetry and supervisory control systems and mobile radio systems.

Materials, Supplies and Services

- 4250 Hazardous material disposal project \$48,000; radio simulcast study \$24,000; contract radio work \$12,000
- 4470 Replacement parts and accessories required for continued upgrading of telemetry and supervisory control system (SCADA system) and the Board's mobile radio system.
- 4670 Lease charges for telephone lines used for telemetry and supervisory control networks.
- 4815 Service and maintenance contracts for the fire alarm system and the UPS (Uninterrupted Power Supply) system.

Equipment

1270	10	Motorola ACE 3600 RTU (N)	\$70,000	8050	6	ACE 3600 CPU module (R)	\$9,000
1270	1	Radio Bi-directional amplifier communication project (N)	\$30,000	8050	15	Dyna2020 intermediate CIP panels (R)	\$39,000
8050	30	Differential pressure flow transmitter (R)	\$84,000	8050	50	Moore alarm module (R)	\$17,500
8050	25	Pressure transmitter (R)	\$50,000	8050	10	Water level pressure transducers (R)	\$15,000
8050	10	Radio telemetry system (R)	\$20,000	8050	15	Dyna2020 PLC CIP panels (R)	\$39,000
8050	20	PLC equipment w/ accessories (R)	\$52,000				
8050	50	Minuteman 750VA UPS (R)	\$12,000				
8050	8	ACE 3600 DI modules (R)	\$3,600				
8050	8	ACE 36 AI modules (R)	\$7,200				
8050	8	ACE 36 D0 modules (R)	\$4,000				

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5620 Telecommunications

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	218,476	553,596	328,919	553,596
4120	OVERTIME	32,062	40,800	32,288	40,800
4130	MISC PAYROLL COSTS	14,099	12,000	4,000	12,000
	TOTAL PERSONNEL SERVICES	264,637	606,396	365,206	606,396
	NO. OF POSITIONS	5	11	6	11
	TOTAL POSITIONS	5	11	6	11
4160	MEALS, MILEAGE, UNIFORM A	708	1,200	1,268	1,200
4250	OTHER CONTRACTUAL SERVICE	19,978	97,000	50,422	84,000
4460	OTHER MATERIALS & SUPPLIE	23	12,000	9,182	12,000
4470	PARTS AND ACCESSORIES	72,525	72,000	84,250	72,000
4480	POSTAGE	-	-	11	-
4500	EDUCATION & TRAINING	660	2,000	790	2,400
4670	TELEMETERING	212,764	240,000	212,726	240,000
4720	CONFERENCE EXPENSES	-	-	-	700
4815	REPAIR AND MAINT OF EQUIP	1,988	24,000	12,479	24,000
8050	EQUIPMENT UNDER \$5,000	102,813	313,700	159,744	352,300
	TOTAL MATERIAL & SUPPLIES	411,459	761,900	530,872	788,600
1270	GENERAL PLANT & EQUIPMENT	-	90,000	90,000	100,000
	TOTAL EQUIPMENT	-	90,000	90,000	100,000
	TOTAL OPERATING EXPENDITURES	676,096	1,458,296	986,078	1,494,996

Section's Activity

The Chemical Laboratory performs required water quality testing and monitoring to conform to federal and state regulations; monitors proposed rules for departmental impact. Supports the department's operational testing requirements; conducts research on analytical techniques and testing methodologies.

Materials, Supplies and Services

4250 Shipping, GC leak tests	\$24,000	NPDES compliance testing	\$10,000
JABSOM UIC testing	\$6,600	Laboratory office relocation	\$30,000
Water quality testing	\$346,000		
Quality Assurance, safety and audit	\$175,000		
Service contract-Saturn 2000 gas chromatograph	\$12,000		
Consumer confidence report ads	\$1,500		

4460 Routine supplies for the chemical laboratory.

4815 Repair and maintenance of laboratory equipment.

Equipment

1270	1	Atomic Absorption Spectrometer (R)	\$100,000
1270	1	Saturn 2000 GC/MS controller (R)	\$6,000
1270	1	6890N gas chromatograph (R)	\$60,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5641 Chemical Laboratory

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	335,940	418,356	331,795	485,048
4120	OVERTIME	14,874	21,600	22,696	24,000
4130	MISC PAYROLL COSTS	-	1,200	400	1,200
	TOTAL PERSONNEL SERVICES	350,814	441,156	354,891	510,248
	NO. OF POSITIONS	7	8	7	9
	TOTAL POSITIONS	7	8	7	9
4160	MEALS, MILEAGE, UNIFORM A	433	300	862	1,200
4250	OTHER CONTRACTUAL SERVICE	661,814	476,100	330,724	605,100
4430	MISC SUPPLIES	11	-	-	-
4460	OTHER MATERIALS & SUPPLIE	4,410	36,000	12,846	36,000
4500	EDUCATION & TRAINING	-	-	-	1,200
4815	REPAIR AND MAINT OF EQUIP	1,602	10,000	5,744	10,000
4910	MISC FEES & REGISTRATIONS	-	-	20	-
8050	EQUIPMENT UNDER \$5,000	2,209	600	-	-
	TOTAL MATERIAL & SUPPLIES	670,479	523,000	350,196	653,500
1270	GENERAL PLANT & EQUIPMENT	-	421,000	140,333	166,000
	TOTAL EQUIPMENT	-	421,000	140,333	166,000
	TOTAL OPERATING EXPENDITURES	1,021,293	1,385,156	845,420	1,329,748

Section's Activity

The Microbiological Laboratory performs required bacteriological water quality testing and monitoring to conform to federal and state regulations; monitors proposed rules for departmental impact. Supports the department's operational testing requirements; conducts research on analytical techniques and testing methodologies.

Materials, Supplies and Services

4250	QA program and audit	\$100,000
	Service contract - autoclave	\$1,200

4460 Routine supplies for the microbiological laboratory

Equipment

8050	1	Refrigerator (R)	\$2,000
8050	1	Top loading balance (R)	\$3,000
8050	1	Water bath (R)	\$1,500
8050	1	Wet/dry vacuum cleaner	\$200

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5642

Microbiological

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	309,819	342,828	294,963	359,160
4120	OVERTIME	41,183	45,000	65,985	60,000
4130	MISC PAYROLL COSTS	-	24,000	8,000	-
	TOTAL PERSONNEL SERVICES	351,002	411,828	368,948	419,160
	NO. OF POSITIONS	6	7	6	7
	TOTAL POSITIONS	6	7	6	7
4160	MEALS, MILEAGE, UNIFORM A	3,125	120	11,407	2,400
4250	OTHER CONTRACTUAL SERVICE	92,839	101,200	71,623	101,200
4430	MISC SUPPLIES	-	-	7	-
4460	OTHER MATERIALS & SUPPLIE	53,212	68,400	40,845	54,000
4500	EDUCATION & TRAINING	4,066	600	600	6,300
4720	CONFERENCE EXPENSES	1,160	-	-	-
4815	REPAIR AND MAINT OF EQUIP	3,588	4,000	2,391	4,000
4910	MISC FEES & REGISTRATIONS	387	4,600	4,401	8,600
8050	EQUIPMENT UNDER \$5,000	822	-	-	6,700
	TOTAL MATERIAL & SUPPLIES	159,199	178,920	131,274	183,200
1270	GENERAL PLANT & EQUIPMENT	12,347	-	-	-
	TOTAL EQUIPMENT	12,347	-	-	-
	TOTAL OPERATING EXPENDITURES	522,548	590,748	500,222	602,360

Section's Activity

The Automotive Section operates the maintenance and repair shops; prepares plans and specifications for the purchase of vehicles and special construction equipment; maintains and repairs vehicles, construction and special equipment; disposes of retired fleet equipment; maintains and constructs special tools and equipment; conducts research work in the automotive field.

Materials, Supplies and Services

- 4250 Repair of automotive equipment; load tests; towing services; fire extinguisher costs; software updates; etc.
- 4440 Direct purchases of automotive parts, tires, and tire services, etc.
- 4460 Paint, cleaners, antifreeze, wire, sheet iron, decals, miscellaneous parts for shop equipment, etc.
- 4470 Direct purchases of construction equipment parts.
- 4815 Costs of repairs to transmissions, accident damages, windshields and windows, upholstery, radiators, front suspensions, etc

Equipment

1270	1	SUV 4x4 (R)	\$35,300	1270	3	Equipment Trailer (N)	\$82,800
1270	3	SUV, compact (R)	\$78,600	1270	1	SUV, Compact 4x4 (N)	\$26,200
1270	1	Truck, P/U 4x2 (R)	\$33,100	1270	2	Truck, compact (N)	\$66,200
1270	1	Van (R)	\$41,800	1270	2	SUV, Compact (N)	\$52,400
1270	1	Truck, utility 4x2 (R)	\$108,000	8050	11	Service Carts, heavy duty (N)	\$7,535
1270	1	Truck, utility 4x2 w/ valve machine (R)	\$89,400	1270	-	Misc. hand tools (N)	\$700
1270	1	Truck, 1.5 CY Dump (R)	\$64,500				
1270	1	Truck, Utility w/ PTO compressor(R)	\$195,300				
1270	1	Backhoe Loader (R)	\$105,000				
1270	2	Solar Arrowboard (R)	\$18,600				
1270	1	Utility Cart (R)	\$10,700				
1270	1	Flatbed Truck w/ bucket (N)	\$199,900.				

**BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013**

5660

Automotive

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	944,296	1,105,864	1,007,419	1,136,352
4120	OVERTIME	7,541	11,703	8,169	11,703
4130	MISC PAYROLL COSTS	4,736	39,632	9,777	8,124
	TOTAL PERSONNEL SERVICES	956,573	1,157,199	1,025,365	1,156,179
	NO. OF POSITIONS	19	22	20	23
	TOTAL POSITIONS	19	22	20	23
4160	MEALS, MILEAGE, UNIFORM A	652	1,800	864	1,800
4250	OTHER CONTRACTUAL SERVICE	201,868	189,000	114,961	171,600
4267	PRINTED FORMS	-	100	-	100
4410	GASOLINE	658,195	974,600	843,669	990,000
4430	MISC SUPPLIES	2,030	1,200	812	1,200
4440	MOTOR VEHICLE PARTS & ACC	423,775	351,600	405,429	408,900
4460	OTHER MATERIALS & SUPPLIE	127,943	86,400	101,562	88,800
4470	PARTS AND ACCESSORIES	53,559	38,400	32,465	48,400
4480	POSTAGE	18	-	-	-
4500	EDUCATION & TRAINING	2,134	16,000	11,358	13,900
4720	CONFERENCE EXPENSES	-	800	-	800
4815	REPAIR AND MAINT OF EQUIP	74,397	69,600	86,228	69,600
4910	MISC FEES & REGISTRATIONS	764	2,100	2,284	2,100
8050	EQUIPMENT UNDER \$5,000	601	7,900	7,169	8,235
	TOTAL MATERIAL & SUPPLIES	1,545,936	1,739,500	1,606,801	1,805,435
1270	GENERAL PLANT & EQUIPMENT	1,140,725	1,185,100	1,132,032	1,207,800
	TOTAL EQUIPMENT	1,140,725	1,185,100	1,132,032	1,207,800
	TOTAL OPERATING EXPENDITURES	3,643,234	4,081,799	3,764,197	4,169,414

Division's Activity

The Information Technology Division designs, develops, maintains, and supports BWS databases; software systems; server workstation hardware and software; network telephone; and call center systems.

Details of expenditures are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

TOTAL INFORMATION TECHNOLOGY

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,814,427	2,318,354	1,920,068	2,478,317
4120	OVERTIME	141,745	297,341	218,164	327,780
4130	MISC PAYROLL COSTS	-	116,664	36,088	159,322
	TOTAL PERSONNEL SERVICES	1,956,172	2,732,359	2,174,319	2,965,419
	NO. OF POSITIONS	28	37	31	40
	TOTAL POSITIONS	28	37	31	40
4160	MEALS, MILEAGE, UNIFORM A	1,298	13,080	5,429	16,380
4250	OTHER CONTRACTUAL SERVICE	3,436,379	3,128,450	2,868,429	3,158,499
4430	MISC SUPPLIES	6,653	7,700	7,380	8,450
4460	OTHER MATERIALS & SUPPLIE	79,212	330,166	150,521	98,460
4480	POSTAGE	368,620	550,200	240,170	1,155,200
4500	EDUCATION & TRAINING	81,015	119,132	41,693	97,764
4650	SECURITY CAMERA CABLE LIN	4,331	156,000	91,870	129,996
4720	CONFERENCE EXPENSES	3,955	26,020	13,550	26,100
4815	REPAIR AND MAINT OF EQUIP	345,208	544,896	331,359	800,202
4910	MISC FEES & REGISTRATIONS	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	498,171	577,240	269,514	457,892
	TOTAL MATERIAL & SUPPLIES	4,833,243	5,452,884	4,019,915	5,960,943
1270	GENERAL PLANT & EQUIPMENT	639,269	516,128	250,231	458,300
	TOTAL EQUIPMENT	639,269	516,128	250,231	458,300
	TOTAL OPERATING EXPENDITURES	7,428,683	8,701,371	6,444,465	9,384,662

Section's Activity

The Administration Section provides administrative support services for the Information Technology Division.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5805

IT Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	263,251	248,880	187,688	280,836
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	263,251	248,880	187,688	280,836
	NO. OF POSITIONS	2	2	2	3
	TOTAL POSITIONS	2	2	2	3
4160	MEALS, MILEAGE, UNIFORM A	-	-	-	-
4250	OTHER CONTRACTUAL SERVICE	15,153	-	5,312	-
4430	MISC SUPPLIES	326	3,000	3,337	3,000
8050	EQUIPMENT UNDER \$5,000	-	-	-	-
	TOTAL MATERIAL & SUPPLIES	15,479	3,000	8,649	3,000
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	278,730	251,880	196,337	283,836

Section's Activity

The Application Systems Development Section is responsible for providing computer services in all commercial and business applications for the department including the customer information system, water and sewer billings, payroll, accounts payable and cost accounting systems.

Materials, Supplies and Services

4250	SCADA – OBDC site licenses	\$46,200
	IBM Maximo software maint.	\$74,800
	CMMS Maximo Enhancements	\$150,000
	SCADA Mosaic v4	\$62,400
	Logica Mosaic software maint	\$98,700
	Oracle JD Edwards software license & support	\$210,800
	Oracle CC&B software license & support	\$264,500
	Various other services & software maint. & support	\$171,149.

Equipment

VMware ESXi OS	\$ 70,000
----------------	-----------

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5820 Application Systems Development

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	456,622	606,664	517,577.69	593,632
4120	OVERTIME	116,813	247,793	181,430	271,104
4130	MISC PAYROLL COSTS	-	49,200	13,600	87,184
	TOTAL PERSONNEL SERVICES	573,435	903,657	712,607	951,920
	NO. OF POSITIONS	6	9	7	9
	TOTAL POSITIONS	6	9	7	9
4160	MEALS, MILEAGE, UNIFORM A	857	13,080	5,058	15,420
4250	OTHER CONTRACTUAL SERVICE	1,662,396	1,106,000	1,212,362	1,078,549
4430	MISC SUPPLIES	490	1,200	400	1,200
4460	OTHER MATERIALS & SUPPLIE	1,124	-	165	-
4500	EDUCATION & TRAINING	5,277	29,000	5,000	31,600
4720	CONFERENCE EXPENSES	-	10,900	5,500	10,900
4910	MISC FEES & REGISTRATIONS	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	12,610	-	-	-
	TOTAL MATERIAL & SUPPLIES	1,682,754	1,160,180	1,228,485	1,137,669
1270	GENERAL PLANT & EQUIPMENT	-	70,000	70,000	70,000
	TOTAL EQUIPMENT	-	70,000	70,000	70,000
	TOTAL OPERATING EXPENDITURES	2,256,189	2,133,837	2,011,092	2,159,589

Section's Activity

The Operations Support Section is responsible for planning, scheduling, administrating and coordinating the department's computer services operations (machine processing).

Materials, Supplies and Services

4250	On-site server, network & help desk support	\$468,000
	Server & network services	\$50,000
	Utilitec printing svcs	\$550,000
	Time Warner voice & data line charges	\$240,000
	Hawn Tel data lines	\$25,000
	CCR printing & mailing svc	\$40,000

4815 Maintenance and service agreements for computer hardware and software.

Equipment

1270	Data storage system(N)	\$100,000	8050	15 Printer upgrades (N)/(R)	\$30,000
1270	Network hardware replacements (R)	\$120,000	8050	10 MFP upgrades (N)/(R)	\$35,000
1270	Data center upgrades (N)	\$70,000	8050	30 Smartphones (N)	\$6,000
8050	10 Thin clients (N)/(R)	\$5,000	8050	30 IP phones (N)	\$15,000
8050	10 Notebook upgrades N)/(R)	\$45,000	8050	8 Laptops (AMR)	\$32,000
8050	20 Desktops (N)/(R)	\$30,000			

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5830 Operations Support

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	468,715	727,860	584,628	800,484
4120	OVERTIME	22,275	39,468	32,184	40,002
4130	MISC PAYROLL COSTS	-	33,204	11,068	33,972
	TOTAL PERSONNEL SERVICES	490,990	800,532	627,879	874,458
	NO. OF POSITIONS	10	13	11	14
	TOTAL POSITIONS	10	13	11	14
4160	MEALS, MILEAGE, UNIFORM A	288	-	218	960
4250	OTHER CONTRACTUAL SERVICE	1,419,758	1,259,500	1,323,116	1,405,700
4270	PROFESSIONAL SERVICES	8,400	-	-	-
4430	MISC SUPPLIES	5,513	3,000	3,643	3,000
4460	OTHER MATERIALS & SUPPLIE	75,965	329,666	149,322	86,000
4470	PARTS AND ACCESSORIES	-	-	-	-
4480	POSTAGE	368,615	550,000	240,170	1,155,000
4500	EDUCATION & TRAINING	72,240	87,132	36,535	59,664
4650	SECURITY CAMERA CABLE LIN	4,331	156,000	91,870	129,996
4815	REPAIR AND MAINT OF EQUIP	345,208	544,896	331,359	775,202
4910	MISC FEES & REGISTRATIONS	-	-	-	-
8050	EQUIPMENT UNDER \$5,000	482,114	573,640	265,879	454,892
	TOTAL MATERIAL & SUPPLIES	2,782,433	3,503,834	2,442,111	4,070,414
1270	GENERAL PLANT & EQUIPMENT	626,154	446,128	180,231	360,000
	TOTAL EQUIPMENT	626,154	446,128	180,231	360,000
	TOTAL OPERATING EXPENDITURES	3,899,576	4,750,494	3,250,222	5,304,872

Section's Activity

The Communications Support Section plans, designs, installs, implements, manages, maintains and supports Board of Water Supply (BWS) voice and data communication systems, the BWS SCADA system and the BWS security camera systems

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5832 IT Communications Support

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES			-	79,161
4120	OVERTIME			-	6,473
4130	MISC PAYROLL COSTS	-		-	3,906
	TOTAL PERSONNEL SERVICES	-	-	-	89,540
	NO. OF POSITIONS			-	1
	TOTAL POSITIONS	-	-	-	1
4160	MEALS, MILEAGE, UNIFORM A			-	-
4250	OTHER CONTRACTUAL SERVICE			-	50,000
4270	PROFESSIONAL SERVICES			-	-
4430	MISC SUPPLIES			-	750
4460	OTHER MATERIALS & SUPPLIE			-	12,000
4470	PARTS AND ACCESSORIES			-	12,000
4480	POSTAGE			-	-
4500	EDUCATION & TRAINING			-	-
4650	SECURITY CAMERA CABLE LIN			-	-
4815	REPAIR AND MAINT OF EQUIP			-	25,000
4910	MISC FEES & REGISTRATIONS			-	-
8050	EQUIPMENT UNDER \$5,000			-	3,000
	TOTAL MATERIAL & SUPPLIES	-	-	-	102,750
1270	GENERAL PLANT & EQUIPMENT			-	25,000
	TOTAL EQUIPMENT	-	-	-	25,000
	TOTAL OPERATING EXPENDITURES	-	-	-	217,290

Section's Activity

The Technical Engineering Projects Section is responsible for providing computer services in engineering applications covering all branches of engineering such as civil, structural, hydraulics, and surveying earthwork; GIS; and other technical operational applications.

Materials, Supplies and Services

4250	GIS consulting services	\$384,000
	GIS web application maintenance	\$40,000
	Hydraulic modeling tech support	\$50,000
	Annual maintenance – various software	\$150,250

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5835 Technical Engineering Projects

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	625,839	734,951	630,174	724,204
4120	OVERTIME	2,657	10,080	4,550	10,200
4130	MISC PAYROLL COSTS	-	34,260	11,420	34,260
	TOTAL PERSONNEL SERVICES	628,496	779,291	646,144	768,664
	NO. OF POSITIONS	10	13	11	13
	TOTAL POSITIONS	10	13	11	13
4160	MEALS, MILEAGE, UNIFORM A	153	-	153	-
4250	OTHER CONTRACTUAL SERVICE	339,072	762,950	327,640	624,250
4430	MISC SUPPLIES	324	500	-	500
4460	OTHER MATERIALS & SUPPLIE	2,123	500	1,034	460
4480	POSTAGE	5	200	-	200
4500	EDUCATION & TRAINING	3,498	3,000	158	6,500
4720	CONFERENCE EXPENSES	3,955	15,120	8,050	15,200
8050	EQUIPMENT UNDER \$5,000	3,447	3,600	3,635	-
	TOTAL MATERIAL & SUPPLIES	352,577	785,870	340,670	647,110
1270	GENERAL PLANT & EQUIPMENT	13,115	-	-	3,300
	TOTAL EQUIPMENT	13,115	-	-	3,300
	TOTAL OPERATING EXPENDITURES	994,188	1,565,161	986,814	1,419,074

Office's Activity

The BWS Human Resources Office administers and manages BWS human resources programs in areas including recruitment, examination, and selection, employee benefits, transactions and personnel record maintenance, labor relations, performance evaluation, classification and compensation, and staff development. In addition, BWS HRO provides staff support for position management, workers compensation administration, and review of reorganizations.

Materials, Supplies and Services

- 4270 Drug and alcohol testing, employee assistance program services, fitness for duty evaluations, independent medical evaluations, workplace threat assessments, flu vaccinations, mediation services, and City DHR workers' compensation position.
- 4275 Workers' compensation medical reimbursements to City DHR.
- 4430 Office supplies.
- 4460 Recognition/Service awards and supplies, savings bonds, and other miscellaneous award expenses.
- 4500 In-service training sponsored by HRO, out-service training for HRO staff, DSO textbooks/manuals, tuition reimbursements, HRO library reference materials, and subscriptions to professional periodicals.
- 6340 Indemnity, wage-replacement benefits and DLIR-SCF annual assessment.
- 8050 Miscellaneous office equipment, \$500.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5870 Human Resources

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	488,255	579,672	507,930	485,856
4120	OVERTIME	1,959	32,724	10,908	22,000
4130	MISC PAYROLL COSTS	-	9,192	3,064	9,192
	TOTAL PERSONNEL SERVICES	490,214	621,588	521,902	517,048
	NO. OF POSITIONS	9	10	9	9
	TOTAL POSITIONS	9	10	9	9
4160	MEALS, MILEAGE, UNIFORM A	113	270	92	270
4250	OTHER CONTRACTUAL SERVICE	556	-	3,029	-
4260	ADV & PUBL OF NOTICES	1,074	27,600	11,206	27,600
4270	PROFESSIONAL SERVICES	138,333	250,000	199,577	250,004
4275	MEDICAL & SURGICAL SERVIC	527,593	550,000	431,461	550,000
4430	MISC SUPPLIES	1,098	2,100	1,688	2,100
4460	OTHER MATERIALS & SUPPLIE	3,674	4,725	5,086	5,500
4480	POSTAGE	103	500	184	500
4500	EDUCATION & TRAINING	1,413	42,000	18,599	42,000
4720	CONFERENCE EXPENSES	-	3,000	1,530	3,000
4815	REPAIR AND MAINT OF EQUIP	1,576	1,800	1,643	1,800
4910	MISC FEES & REGISTRATIONS	32	5,000	1,727	5,000
6340	WORKERS' COMP BENEFITS	409,773	400,000	328,227	400,000
8050	EQUIPMENT UNDER \$5,000	168	500	4,188	500
	TOTAL MATERIAL & SUPPLIES	1,085,506	1,287,495	1,008,237	1,288,274
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	1,575,720	1,909,083	1,530,139	1,805,322

Division's Activity

The Finance Division is responsible for controlling and directing the financial accounting activities of the department. Activities include conducting financial studies; administering long-term bonded debt programs and bond sales; preparing the department's annual budget; conducting rate studies; assisting in controlling budgeted expenditures; procurement of goods and services for the department; and administering the general accounting systems including cost accounting, payroll, leave records, and accounts payable.

Details of expenditures are shown in each section.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2011-2012

TOTAL FINANCE

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	1,685,743	1,967,021	1,813,013	2,245,673
4120	OVERTIME	74,431	3,061,895	64,308	85,892
4130	MISC PAYROLL COSTS	3,888	70,428	38,877	75,488
	TOTAL PERSONNEL SERVICES	1,764,062	5,099,344	1,916,198	2,407,053
	NO. OF POSITIONS	31	36	35	43
	TOTAL POSITIONS	31	36	35	43
4160	MEALS, MILEAGE, UNIFORM A	3,415	4,400	4,172	5,700
4220	COLLECTION FEES	445	660	548	660
4250	OTHER CONTRACTUAL SERVICE	3,856	11,400	11,413	11,400
4260	ADV & PUBL OF NOTICES	431	600	3,858	1,200
4265	PRINTING	1,608	-	-	-
4267	PRINTED FORMS	4,975	5,600	5,676	5,600
4270	PROFESSIONAL SERVICES	609,782	850,000	332,625	725,000
4430	MISC SUPPLIES	4,876	400	5,174	400
4460	OTHER MATERIALS & SUPPLIE	(1,794)	3,600	6,794	3,600
4500	EDUCATION & TRAINING	4,292	22,330	14,482	22,000
4720	CONFERENCE EXPENSES	-	2,000	-	1,300
4815	REPAIR AND MAINT OF EQUIP	5,774	4,000	1,983	5,000
4910	MISC FEES & REGISTRATIONS	130	1,050	700	1,050
4915	MISCELLANEOUS FINANCIAL E	2,243,684	816,200	1,886,641	790,000
8050	EQUIPMENT UNDER \$5,000	21	6,400	6,100	12,100
	TOTAL MATERIAL & SUPPLIES	2,892,860	1,744,840	2,267,386	1,601,710
1270	GENERAL PLANT & EQUIPMENT	22,539	18,000	18,000	48,000
	TOTAL EQUIPMENT	22,539	18,000	18,000	48,000
	TOTAL OPERATING EXPENDITURES	4,679,461	6,862,184	4,201,584	4,056,763

Section's Activity

Develop, provide and manage budget, financial and administrative support services to all levels of the department.

Materials, Supplies and Services

4270 Annual financial audit \$150,000; software support \$25,000
8050 misc. office equipment \$600

Equipment

1270 Copier (R) \$8,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5900 Finance Administration

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	282,462	214,968	260,072	383,412
4120	OVERTIME	-	3,000,000	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	282,462	3,214,968	260,072	383,412
	NO. OF POSITIONS	4	3	4	5
	TOTAL POSITIONS	4	3	4	5
4250	OTHER CONTRACTUAL SERVICE	1,598	2,400	1,514	2,400
4260	ADV & PUBL OF NOTICES	431	600	3,858	1,200
4265	PRINTING	1,608	-	-	-
4267	PRINTED FORMS	439	600	676	600
4270	PROFESSIONAL SERVICES	110,000	215,000	141,125	175,000
4430	MISC SUPPLIES	4,805	-	4,909	-
4460	OTHER MATERIALS & SUPPLIE	-	-	385	-
4500	EDUCATION & TRAINING	4,117	-	1,402	-
4720	CONFERENCE EXPENSES	-	2,000	-	1,300
4815	REPAIR AND MAINT OF EQUIP	-	-	199	-
4910	MISC FEES & REGISTRATIONS	-	-	-	-
4915	MISCELLANEOUS FINANCIAL E	22,145	-	-	-
8050	EQUIPMENT UNDER \$5,000	-	300	300	8,600
	TOTAL MATERIAL & SUPPLIES	145,143	220,900	154,368	189,100
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	427,605	3,435,868	414,440	572,512

Section's Activity

The Treasury Section administers and manages the long term bonded debt and federal loan programs; obtains other long term and short term financing as necessary; manages the department's cash flows; and administers and oversees the management of the department's investment program.

Materials, Supplies and Services

4270 Investment advisor fees.

4915 Bond administration fees, escrow agent fees and SRF loan fees.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5910 Treasury

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	78,028	176,952	115,066	130,872
4120	OVERTIME	2,177	3,600	2,870	22,500
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	80,205	180,552	117,936	153,372
	NO. OF POSITIONS	1	2	1	2
	TOTAL POSITIONS	1	2	1	2
4160	MEALS, MILEAGE, UNIFORM A	30	200	710	1,500
4250	OTHER CONTRACTUAL SERVICE	-	1,000	200	1,000
4270	PROFESSIONAL SERVICES	499,782	635,000	191,500	550,000
4430	MISC SUPPLIES	-	200	100	200
4460	OTHER MATERIALS & SUPPLIE	-	-	-	-
4500	EDUCATION & TRAINING	-	4,000	-	4,000
4910	MISC FEES & REGISTRATIONS	-	200	100	200
4915	MISCELLANEOUS FINANCIAL E	2,221,539	816,200	1,886,641	790,000
8050	EQUIPMENT UNDER \$5,000	-	-	-	-
	TOTAL MATERIAL & SUPPLIES	2,721,351	1,456,800	2,079,251	1,346,900
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	2,801,556	1,637,352	2,197,187	1,500,272

Section's Activity

The Financial Planning, Consulting, and Analysis Section coordinates the preparation of the annual departmental budget; administers water rates and charges and coordinates water rate studies; develops water and other revenue projections and conducts various revenue, budgetary, financial and statistical studies of the department. Performs technical reviews to analyze, develop, and evaluate procedures and controls for budget, financial and management accounting systems and directs their implementation; and directs the development and maintenance of financial policies and procedures, accounting manuals, instructions and procedural guides.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5920 Fin Planning, Consulting, Analysis

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	52,728	104,844	61,312	104,244
4120	OVERTIME	340	-	342	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	53,068	104,844	61,654	104,244
	NO. OF POSITIONS	1	2	1	2
	TOTAL POSITIONS	1	2	1	2
	TOTAL MATERIAL & SUPPLIES	-	-	-	-
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	53,068	104,844	61,654	104,244

Section's Activity

The General Accounting Section directs and coordinates the development, functional effectiveness and maintenance of accounting systems, records, procedures and reports to ensure the acquisition of valid and consistent data for use in planning and budgeting, performance control and evaluation, managerial decisions and reporting requirements; prepares monthly financial and statistical reports and studies; prepares payrolls and maintains leave records; audits and processes disbursement vouchers; maintains all property records and depreciation schedules; coordinates annual physical inventory of utility plant and prepares annual listing as required by City Charter; prepares and analyzes special reports and studies.

Materials, Supplies and Services

4460 Binders, office stationery, computer supplies, etc.

4500 JDE training workshops, conferences.

8050 Miscellaneous office equipment \$2,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5930 General Accounting

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	531,727	598,380	531,781	598,380
4120	OVERTIME	3,914	6,695	4,990	11,792
4130	MISC PAYROLL COSTS	-	11,928	3,976	5,988
	TOTAL PERSONNEL SERVICES	535,641	617,003	540,747	616,160
	NO. OF POSITIONS	11	12	11	12
	TOTAL POSITIONS	11	12	11	12
4160	MEALS, MILEAGE, UNIFORM A	315	600	543	600
4220	COLLECTION FEES	445	660	548	660
4267	PRINTED FORMS	4,536	5,000	5,000	5,000
4430	MISC SUPPLIES	-	200	157	200
4460	OTHER MATERIALS & SUPPLIE	861	400	200	400
4500	EDUCATION & TRAINING	-	10,400	8,000	10,400
4815	REPAIR AND MAINT OF EQUIP	2,441	400	200	400
8050	EQUIPMENT UNDER \$5,000	21	5,000	5,000	2,000
	TOTAL MATERIAL & SUPPLIES	8,619	22,660	19,648	19,660
1270	GENERAL PLANT & EQUIPMENT	7,539	-	-	-
	TOTAL EQUIPMENT	7,539	-	-	-
	TOTAL OPERATING EXPENDITURES	551,799	639,663	560,395	635,820

Section's Activity

The Purchasing Section is responsible for providing and coordinating procurement services for the department. The Purchasing Section functions include developing and administering procurement policies; procedures and guidelines to establish proper controls over purchases; advising users on State Procurement Rules to determine optimal procurement action; training users to procure goods and services using the JD Edwards and Purchasing Card software applications; and increasing the purchasing functionality of the JD Edwards application for department users.

Materials, Supplies and Services

4250 Commission fees for public auction.

4500 Purchasing workshops and JDE procurement workshops/training classes.

8050 2-calculators, \$600 ; shredder \$400.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5940 Purchasing

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	256,764	270,276	265,209	270,276
4120	OVERTIME	810	-	416	-
4130	MISC PAYROLL COSTS	-	-	-	20,000
	TOTAL PERSONNEL SERVICES	257,574	270,276	265,626	290,276
	NO. OF POSITIONS	4	4	4	4
	TOTAL POSITIONS	4	4	4	4
4160	MEALS, MILEAGE, UNIFORM A	6	-	-	-
4250	OTHER CONTRACTUAL SERVICE	-	8,000	8,000	8,000
4430	MISC SUPPLIES	-	-	-	-
4440	MOTOR VEHICLE PARTS & ACC	-	-	-	-
4460	OTHER MATERIALS & SUPPLIE	(5,639)	-	1,154	-
4500	EDUCATION & TRAINING	175	7,930	5,080	7,600
4910	MISC FEES & REGISTRATIONS	130	250	-	250
8050	EQUIPMENT UNDER \$5,000	-	800	500	1,000
	TOTAL MATERIAL & SUPPLIES	(5,328)	16,980	14,734	16,850
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	252,246	287,256	280,360	307,126

Section's Activity

The Revenue and Customer Accounting Section conducts the department's billing operations and related functions which include meter reading, pre-auditing of consumer accounts, part-rate billing, maintaining consumer records, maintaining accounts receivable and keeping special fund accounts; maintains revenue accounting and statistical reports.

Materials, Supplies and Services

4480 Postage for departmental correspondence.

Equipment

8050	1 Calculator (R)	\$300
1270	2 Handheld meter reading devices (R)	\$18,000

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5380

Revenue and Customer Accounting

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	484,034	601,601	579,572	709,745
4120	OVERTIME	67,190	51,600	55,690	51,600
4130	MISC PAYROLL COSTS	3,888	58,500	34,901	49,500
	TOTAL PERSONNEL SERVICES	555,112	711,701	670,163	810,845
	NO. OF POSITIONS	10	13	14	17
	TOTAL POSITIONS	10	13	14	17
4160	MEALS, MILEAGE, UNIFORM A	3,064	3,600	2,919	3,600
4250	OTHER CONTRACTUAL SERVICE	2,258	-	1,699	-
4430	MISC SUPPLIES	71	-	8	-
4460	OTHER MATERIALS & SUPPLIE	2,984	3,200	5,055	3,200
4480	POSTAGE	11,365	16,200	(12,780)	16,700
4815	REPAIR AND MAINT OF EQUIP	3,333	3,600	1,584	4,600
4910	MISC FEES & REGISTRATIONS	-	600	600	600
8050	EQUIPMENT UNDER \$5,000	-	300	300	500
	TOTAL MATERIAL & SUPPLIES	23,075	27,500	(615)	29,200
1270	GENERAL PLANT & EQUIPMENT	15,000	18,000	18,000	48,000
	TOTAL EQUIPMENT	15,000.0000	18,000	18,000	48,000
	TOTAL OPERATING EXPENDITURES	593,187	757,201	687,548	888,045

Section's Activity

This System Accounting section is responsible for the planning, coordination, modification and administration of the financial management system for the BWS. This section spearheads initiatives and projects to troubleshoot the organization's financial systems.

BOARD OF WATER SUPPLY
ANNUAL OPERATING BUDGET
FISCAL YEAR 2012-2013

5950 **Systems Accounting**

OBJECT ACCOUNT	OBJECT DESCRIPTION	FY '10-'11 ACTUALS	FY '11-'12 BUDGET	FY '11-'12 ACT/FCST	FY '12-'13 BUDGET
4110	REGULAR SALARIES	-	-	-	48,744
4120	OVERTIME	-	-	-	-
4130	MISC PAYROLL COSTS	-	-	-	-
	TOTAL PERSONNEL SERVICES	-	-	-	48,744
	NO. OF POSITIONS	-	-	-	1
	TOTAL POSITIONS	-	-	-	1
	TOTAL MATERIAL & SUPPLIES	-	-	-	-
1270	GENERAL PLANT & EQUIPMENT	-	-	-	-
	TOTAL EQUIPMENT	-	-	-	-
	TOTAL OPERATING EXPENDITURES	-	-	-	48,744

CIP BUDGET

PART II

CAPITAL IMPROVEMENT PROGRAM BUDGET

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

SUMMARY BY PROJECT AND COST CATEGORIES:

	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
I. RESEARCH AND DEVELOPMENT					
Total	1,710,000	-	-	-	1,710,000
II. REPAIR AND REPLACEMENT					
A. Pumps	6,720,000	-	-	-	6,720,000
B. Reservoirs	-	-	-	-	-
C. Pipeline	300,000	-	-	14,410,000	14,710,000
D. Treatment	2,750,000	-	-	-	2,750,000
E. Facilities	8,840,000	-	-	-	8,840,000
Total	18,610,000	-	-	14,410,000	33,020,000
III - CAPACITY EXPANSION					
A. Pumps	-	3,000,000	-	-	3,000,000
B. Reservoirs	-	-	-	-	-
C. Pipeline	-	340,000	-	-	340,000
D. Treatment	-	-	-	-	-
E. Facilities	3,310,000	-	-	-	3,310,000
Total	3,310,000	3,340,000	-	-	6,650,000
SUB-TOTAL - CATEGORIES I - III	23,630,000	3,340,000	-	14,410,000	41,380,000
CONSTRUCTION COST INDEX ADJUSTMENT	3,335,000	-	-	-	3,335,000
CONTRACT ADJUSTMENT ACCOUNT	4,600,000	-	-	-	4,600,000
TOTAL - CAPITAL IMPROVEMENT PROGRAM BUDGET	31,565,000	3,340,000	-	14,410,000	49,315,000

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
<u>I. Research and Development</u>								
1.	Maakua Well Unit No. 2	Drill and case new well at existing Maakua Wells Station.	Const	210,000	-	-	-	210,000
2.	System Assessment and Asset Management Planning	System assessment and asset management planning for BWS infrastructure.	P&E	1,000,000	-	-	-	1,000,000
3.	Nuuanu Membrane Filtration Assessment Study	Evaluate filtration process, chlorine contact time and 822 system assessment.	P&E	250,000	-	-	-	250,000
4.	Emergency Generator Study for BWS Facilities	Prioritization of sites, site readiness assessments, cost estimation and implementation scheduling of emergency power generation in accordance with BWS	P&E	250,000	-	-	-	250,000
Total Category I - Research and Development				1,710,000	-	-	-	1,710,000

II. Repair and Replacement

A. Pumps

5.	Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	Const	3,500,000	-	-	-	3,500,000
----	------------------------------	--	-------	-----------	---	---	---	-----------

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
6.	Kaimuki Wells Rehabilitation	Recase seven (7) wells from 12-inch to 8-inch casing, seal two (2) wells, and convert one (1) deep monitor well to a production well.	Const	620,000	-	-	-	620,000
7.	Pacific Heights Booster Renovation	Replace pumping units, valves, discharge piping, MCC, repair roof and renovate building.	Const	1,500,000	-	-	-	1,500,000
8.	Pump Renewal and Replacement	Renewal and replacement of various BWS pumps and plant facilities.	P&E	500,000	-	-	-	500,000
9.	Beretania Pump Station Renovation	Replace 4 pump units (3 low and 1 high service), valves, piping, MCC, cables, controls and wires.	P&E	50,000	-	-	-	50,000
10.	Kalihi Pump Station Low And High Service Renovation	Replace pumps, motors, discharge piping, valves, motor control center, wiring and chlorinator.	P&E	200,000	-	-	-	200,000
11.	Kamaile Wells Renovation	Renovate facility and install drain line for pump discharges.	P&E	150,000	-	-	-	150,000
12.	Barbers Point Line Booster Improvements	Replace pumps and motors, discharge piping and valves, motor control center, wiring and appurtenances.	P&E	200,000	-	-	-	200,000
Pumps Total				6,720,000	-	-	-	6,720,000
B. Reservoirs								
Reservoirs Total				-	-	-	-	-

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
13.	Kamehameha Highway 16-Inch And 8-Inch Mains (Heeia)	Install 16-inch main and appurtenances along Kamehameha Highway from 250 feet south of Heeia Street to connection with 30-inch main located 1,200 feet north of Alii Bluffs Wastewater Pump Station - approx. 5,200 lin. ft. Install 8-inch main and appurtenances along Kamehameha Highway from near fire hydrant W-955 to fire hydrant W-679 - approx. 7,400 lin. ft.	Const	-	-	-	7,800,000	7,800,000
14.	Mapunapuna Water System Improvements, Part I	Install 12-inch and 8-inch mains and appurtenances along Kilihau Street from Puuloa Road to end - approx. 2,585 lin. ft. Install 8-inch mains and appurtenances along Ahua Street from Mokumoa Street to Kilihau Street, and along Kakoi Street from Kilihau Street to end - approx. 3,275 lin. ft.	Const	-	-	-	3,370,000	3,370,000
15.	Woodlawn Drive 8-Inch Main	Install 8-inch mains and appurtenances along Woodlawn Drive from Alani Drive to Kahaloa Drive; along Kahaloa Drive from Kalawao Street to Woodlawn Drive; along Lower Road from Woodlawn Drive to end; along Alani Drive from Woodlawn Drive to 150 feet beyond fire hydrant M-1258 and along Waipuna Rise and Emekona Place - approx. 5,900 lin. ft.	Const	-	-	-	2,000,000	2,000,000

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
16.	Foster Village Water System Improvements, Part III	Install 8-inch mains and appurtenances along Olino Street from Molehu Drive to Halupa Street, along Puanakau Street from Molehu Drive to Halupa Street, and along Molehu Drive from Olino Street to Halupa Street - approx. 3,230 lin. ft.	Const				1,240,000	1,240,000
17.	Water Main Installation & Replacement	Install and replace water mains at various locations.	Const					
				100,000	-	-	-	100,000
18.	Fire Hydrant Installations at Various Locations	Install fire hydrant at various locations.	P&E	100,000	-	-	-	100,000
19.	Water Main Installation & Replacement	Install and replace water mains at various locations.	P&E	100,000	-	-	-	100,000
Pipelines Total				<u>300,000</u>	<u>-</u>	<u>-</u>	<u>14,410,000</u>	<u>14,710,000</u>
D. Treatment								
20.	Mililani Wells III GAC Valve Replacement And Backwash System Isolation	Replace isolation valves and 3- and 4-way valves and construct new backwash system, including tanks, pumps, and parallel set of filters	Const					
				2,750,000	-	-	-	2,750,000
Treatment Total				<u>2,750,000</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>2,750,000</u>

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
E. Facilities								
21.	Facility Repair And Renovation	Repair, renovation, reroofing, and repainting of selected BWS facilities.	Const					
				3,000,000	-	-	-	3,000,000
22.	Heeia Corporation Yard Air Conditioning Improvements	Replace chiller with package air conditioning unit and relocate system to mauka side of building.	Const					
				350,000	-	-	-	350,000
23.	Security Fencing at Various Location	Install expanded metal fencing at selected BWS facilities.	Const					
				600,000	-	-	-	600,000
24.	Kamiloiki Booster Repair	Repair foundation and pump building structure.	P&E					
				150,000	-	-	-	150,000
25.	Kamaile Plantation Wells Sealing	Conduct archaeological survey and topographic survey to seal up to 13 existing plantation wells surrounding Kamaile wells.	P&E					
				70,000	-	-	-	70,000
26.	Facility Repair and Renovation	Repair, renovation, reroofing, and repainting of selected BWS facilities.	P&E					
				400,000	-	-	-	400,000
27.	Maximo Upgrade	Upgrade computerized maintenance management system software version and implement features to improve system performance and adhere to operational best practices.	P&E					
				1,350,000	-	-	-	1,350,000

Board of Water Supply
Capital Improvement Program Budget
FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
28.	Nalu Upgrade	Upgrade financial accounting system software version to address support and compatibility issues.	P&E					
				455,000	-	-	-	455,000
29.	Internet Migration	Redesign internal and external website for additional features and functions and to leverage mainstream development tools to ensure future supportability.	P&E					
				455,000	-	-	-	455,000
30.	Document Management System	Implement comprehensive system to manage BWS documents and records retention.	P&E					
				250,000	-	-	-	250,000
31.	Customer Information System Enhancements	Complete implementation of the Customer Information System.	P&E					
				640,000	-	-	-	640,000
32.	IT Project Management	Project management services for IT applications.	P&E					
				800,000	-	-	-	800,000
33.	Professional Services for BWS Projects	Obtain services of archaeologists, botanists, environmental engineers, water quality labs, planners, government agencies and others.	P&E					
				320,000	-	-	-	320,000
Facilities Total				8,840,000	-	-	-	8,840,000
Total Category II - Repair and Replacement				18,610,000	-	-	14,410,000	33,020,000

Board of Water Supply
 Capital Improvement Program Budget
 FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
----------	---------------	-------------	------	----------------	-------------------------	-----------------	----------	-------

III. Capacity Expansion

A. Pumps

34.	Lualualei Line Booster Improvements	Install booster station improvements to increase pumping capacity.	Const	-	3,000,000	-	-	3,000,000
Pumps Total				-	3,000,000	-	-	3,000,000

B. Reservoirs

Reservoirs Total				-	-	-	-	-
-------------------------	--	--	--	---	---	---	---	---

C. Pipelines

35.	Salt Lake Boulevard 36-Inch Main - Foster Village To Aliamanu	Install 36-inch main and appurtenances along Salt Lake Boulevard from 525 feet south of Maluna Street to Ala Lilikoi Street - approx. 4,275 lin. ft.	P&E	-	340,000	-	-	340,000
Pipelines Total				-	340,000	-	-	340,000

D. Treatment

Treatment Total				-	-	-	-	-
------------------------	--	--	--	---	---	---	---	---

Board of Water Supply
 Capital Improvement Program Budget
 FY 2012 - 2013

Item No.	Project Title	Description	Type	Operating Fund	Special Expendable Fund	Extramural Fund	SRF Fund	Total
Total Category III - Capacity Expansion				3,310,000	3,340,000	-	-	6,650,000
Total Categories I - III				23,630,000	3,340,000	-	14,410,000	41,380,000
Construction Cost Index Adjustment				3,335,000	-	-	-	3,335,000
Contract Adjustment Account				4,600,000	-	-	-	4,600,000
FY 2012 - 2013 Capital Improvement Program Total				31,565,000	3,340,000	-	14,410,000	49,315,000