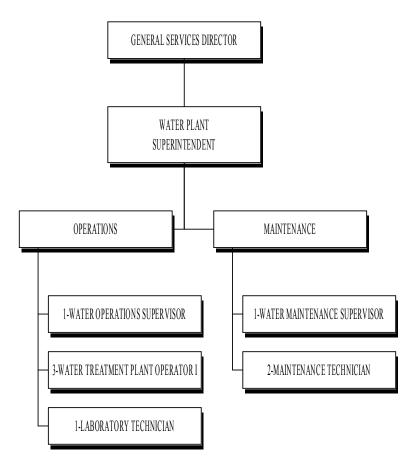
GENERAL SERVICES DEPARTMENT WATER UTILITY STAFF



POSITION TITLE	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>
Water Plant Superintendent	1.0	1.0	1.0	1.0
Water Maintenance Supervisor	1.0	1.0	1.0	1.0
Laboratory Technician	1.0	1.0	1.0	1.0
Water Plant Operator I	3.0	3.0	3.0	3.0
Water Operation Supervisor	1.0	1.0	1.0	1.0
Maintenance Technician	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>	<u>2.0</u>
Total	9.0	9.0	9.0	9.0

PROGRAM HIGHLIGHTS

WATER UTILITY FUND

	Actual	Actual	Estimated	Projected
SERVICE INDICATOR	<u>2011</u>	<u>2012</u>	<u>2013</u>	2014
1. Water Production (MGD)	4.31	4.50	4.50	
5.00				

2014 GOALS

- 1. Do not exceed the MCL limit level(s) of the Safe Drinking Water Act requirements.
- 2. Continue to reduce electrical consumption and chemical addition at the Water Treatment Plant.
- 3. Continue to work with schools, organizations, municipal and state government on water quality issues education.
- 4. Continue the upgrades to the Water Treatment Plant SCADA system for enhanced control and operation of the water pump stations and water plant.
- 5. Continue to pursue funding opportunities from the State and Federal governments to provide enhanced security features at the plant and remote facilities.
- 6. Continue to implement and fund capital improvement projects for the water treatment plant and well sites.

2013 GOALS STATUS

- 1. Do not exceed the MCL limit level(s) of the Safe Drinking Water Act requirements.

 9-Month Status: The plant has not exceeded any MCL limit levels of the Safe Drinking Water Act.
- 2. Complete the capital project to repair the concrete in the sedimentation basin and equipment, as recommended in the Water Master Plan Phase II.
 - 9-Month Status: This project is completed.
- 3. Continue to reduce electrical consumption and chemical addition at the Water Treatment Plant.

 9-Month Status: The water plant continues to trim electrical and chemical consumption. The installation of an inline static mixer eliminated the need for four in-basin mixers. A reduction in the dosage of fluoride, to meet new recommendations, accounted for a reduction in chemical use.
- 4. Continue the upgrades to the Water Treatment Plant SCADA system for enhanced control and operation of the water pump stations and water plant.
 - 9-Month Status: Ongoing as technology and plant process equipment are upgraded.
- 5. Continue to pursue funding opportunities from the State and Federal governments to provide enhanced security features at the plant and remote facilities.
 - 9-Month Status: Ongoing.
- 6. Continue to expand the computerized maintenance management system for the Water Treatment Plant and pumping stations.
 - 9-Month Status: Ongoing as new equipment is added and old equipment is eliminated.
- 7. Obtain engineering services for the design and construction administration of the chemical process improvements CIP at the Water Treatment Plant, as recommended by the Master Plan Phase II.
 - <u>9-Month Status</u>: Engineering services for design and construction administration have been obtained and project design is close to completion.

PROGRAM HIGHLIGHTS

- 8. Complete the capital improvement projects at the Water Treatment Plant and Pump Station #2, as recommended by the Master Plan Phase II.
 - 9-Month Status: Pump Station #2 and the Water Treatment Plant Phase 1 improvements have been completed.

ADDITIONAL 2013 ACCOMPLISHMENTS

- 1. Repaired 80% of the Water Treatment Plant's 41-year-old roof.
- 2. Converted the Water Treatment plant boiler to natural gas from diesel.
- 3. Installed the gas line and meter for future gas powered emergency generator, which will replace the 40-year-old current emergency generator at the Water Treatment Plant.
- 4. Reduced Water Treatment Plant staff overtime and callbacks.
- 5. All Water Plant staff has been successfully cross trained in laboratory, maintenance and plant operation duties.
- 6. This year will be the first year the City of Concord posts online the Annual Community Conference Report, entitled "2013 Water Quality Report."

BUDGET SUMMARY

WATER UTILITY FUND

WATER UTILITY	2013 BUDGETED (CURRENT)	2013 ESTIMATED	2014 BUDGET
REVENUE	\$5,538,360	\$5,485,060	\$5,540,940
EXPENDITURES	\$5,853,870	\$5,614,115	\$6,017,548
NET INCOME (LOSS)		(\$129,055)	(\$476,608)
BEGINNING WORKING CAPITAL ENDING WORKING CAPITAL		\$3,054,861 \$2,925,806	\$2,925,806 \$2,449,198

Note: Reserve

This fund has goals of attaining and maintaining the following reserves for operations, capital, and rate stabilization:

- Operations: 25% operating expense less debt service and pay-as-you-go capital.
- Capital: 25% of debt service but not less than \$500,000.
- Rate Stabilization: 10% of operating revenue or no less than \$500,000.

A 2.5% rate increase is proposed for Fiscal Year 2014.

	WATE	R UTILITY	Y			
	2010	2011	2012	2013	2013	2014
REVENUE	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGET
COMMERCIAL SALES	\$3,548,198	\$3,960,387	\$3,980,340	\$4,040,200	\$4,020,000	\$4,060,400
WATER AVAILABILITY CHG	\$1,150,205	\$1,156,076	\$1,161,398	\$1,160,000	\$1,170,000	\$1,170,000
PRIVATE FIRE SERVICE	\$101,927	\$106,123	\$108,040	\$107,000	\$114,000	\$114,000
INTEREST, COSTS AND PENALTIES	\$24,505	\$22,394	\$25,447	\$24,200	\$25,800	\$24,750
GAIN/SALE OF ASSETS	\$16,808	\$0	\$0	\$0	\$0	\$0
INTEREST ON INVESTMENTS	\$15,225	\$6,024	\$4,944	\$4,450	\$7,000	\$7,000
SUNDRY WATER SALES	\$12,971	\$20,373	\$15,188	\$11,000	\$15,000	\$15,000
LABOR REC-SERVICE SALES	\$20,777	\$11,039	\$18,444	\$13,500	\$9,000	\$13,000
CROSS CONNECT INSP FEES	\$61,785	\$77,796	\$25,424	\$66,000	\$57,000	\$66,000
WATER TESTING SERVICES	\$1,430	\$3,191	\$1,408	\$2,000	\$1,800	\$2,000
REPAIRS TO CUSTR SERV	\$0	\$0	\$0	\$0	\$140	\$0
MISCELLANOUS REVENUE	\$1,326	\$7,036	\$2,087	\$0	\$2,400	\$0
WATER INVESTMENT FEE	\$0	\$0	\$25,000	\$50,000	\$15,000	\$15,000
UTILITY DEMAND COMPENSATION	\$9,584	\$4,868	\$2,522	\$6,000	\$3,650	\$0
Total	\$4,964,741	\$5,375,306	\$5,370,243	\$5,484,350	\$5,440,790	\$5,487,150

	ADMIN	ISTRATIO	N			
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
REVENUE	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGET
RETIREE HEALTH INS-NHRS SHARE	\$0	\$0	\$78,635	\$39,340	\$34,820	\$39,340
RETIREE HEALTH INS-RETIREE SHR	\$0	\$0	\$21,867	\$14,670	\$9,450	\$14,450
Total	\$0	\$0	\$100,502	\$54,010	\$44,270	\$53,790
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
APPROPRIATIONS	THE FOTHE	HETERE	HETCHE	DODGETED	EGIMMILED	Debel
COMPENSATION	\$23,872	\$24,355	\$25,919	\$24,200	\$24,200	\$24,530
RETIREE HEALTH BENEFITS	\$18,019	\$53,565	\$171,091	\$90,230	\$90,000	\$87,515
OUTSIDE SERVICES	\$10,735	\$10,451	\$16,387	\$16,150	\$16,150	\$16,660
INSURANCES	\$696	\$790	\$774	\$910	\$660	\$720
ADMIN SHARE TO GEN SERV	\$127,150	\$119,460	\$127,980	\$132,390	\$132,390	\$132,390
CD ADMIN & ENGINEERING	\$117,590	\$116,660	\$145,436	\$0	\$0	\$0
OVERHEAD\FRINGE BENEFITS	\$17,421	\$18,064	\$19,616	\$18,950	\$19,030	\$18,540
UTILITY ADMIN CHARGES	\$304,847	\$384,160	\$490,389	\$0	\$0	\$0
ADMIN OH PAYMENT TO GENERAL	\$381,400	\$381,400	\$397,000	\$428,500	\$428,500	\$441,710
Total	\$1,001,729	\$1,108,905	\$1,394,593	\$711,330	\$710,930	\$722,065

	•		ENG SVCS			
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
APPROPRIATIONS						
COMPENSATION	\$256,893	\$288,791	\$326,375	\$167,430	\$159,020	\$172,990
EQUIPMENT	\$30,261	\$27,108	\$31,032	\$0	\$0	\$0
OUTSIDE SERVICES	\$39,418	\$44,619	\$44,081	\$27,490	\$29,140	\$34,690
SUPPLIES	\$84,183	\$95,478	\$86,554	\$42,370	\$41,090	\$43,440
INSURANCES	\$4,178	\$5,320	\$5,510	\$3,530	\$3,260	\$11,600
CD ADMIN & ENGINEERING	\$0	\$0	\$0	\$144,700	\$144,700	\$197,720
OVERHEAD\FRINGE BENEFITS	\$161,941	\$167,839	\$212,061	\$126,120	\$111,660	\$130,320
Total	\$576,874	\$629,154	\$705,613	\$511,640	\$488,870	\$590,760
	VEHIC	CLE COSTS	S			
APPROPRIATIONS	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
VEH REPAIR SHOP CHARGE	\$45,279	\$33,293	\$36,846	\$67,750	\$22,750	\$22,750
VEHICLE CHARGES ALLOC	(\$150,807)	(\$168,388)	(\$144,568)	(\$177,970)	\$0	\$(
VEHICLE REPAIR, OUTSIDE	\$9,794	\$6,682	\$7,285	\$11,950	\$3,950	\$4,100
GASOLINE, DIESEL, OIL	\$58,598	\$58,168	\$63,397	\$116,000	\$37,000	\$42,786
REPAIR PARTS	\$30,671	\$22,496	\$33,515	\$56,350	\$16,350	\$17,000
AUTO LIAB/COMPREHENSIVE	\$6,466	\$8,857	\$12,200	\$15,160	\$13,610	\$9,550
Total	\$1	(\$38,893)	\$8,674	\$89,240	\$93,660	\$96,180
AI	LLOCATED T	TO UTILIT	Y FUND			
APPROPRIATIONS	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
UTILITY ADMIN CHG ALLOCATED	(\$609,694)	(\$768,320)	(\$980,779)	\$0	\$0	\$0
				**	* -	\$(\$(
Total	(\$609,694)	(\$768,320)	(\$980,779)	\$0	\$0	\$

PLA	ANT & FACIL	LITIES OPE	RATIONS	S		
APPROPRIATIONS	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
COMPENSATION	\$238,981	\$243,749	\$247,704	\$278,500	\$270,620	\$273,700
REAL ESTATE TAXES	\$4,480	\$5,758	\$5,839	\$8,110	\$6,000	\$6,000
EQUIPMENT	\$1,544	\$551	\$25	\$0	\$0	\$0
OUTSIDE SERVICES	\$26,362	\$24,597	\$30,433	\$34,250	\$47,440	\$45,540
CHEMICALS	\$217,066	\$175,308	\$159,256	\$264,540	\$264,540	\$235,226
SUPPLIES	\$43,109	\$89,964	\$46,038	\$57,620	\$57,620	\$8,010
UTILITIES	\$273,105	\$298,933	\$193,855	\$273,530	\$260,060	\$242,022
INSURANCES	\$20,487	\$24,017	\$23,277	\$24,760	\$24,530	\$23,790
OVERHEAD\FRINGE BENEFITS	\$155,836	\$165,392	\$173,023	\$194,010	\$190,430	\$172,980
Total	\$980,970	\$1,028,269	\$879,451	\$1,135,320	\$1,121,240	\$1,007,268
PLA	NT & FACILI	TIES MAIN	ITENANO	CE		
APPROPRIATIONS	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
COMPENSATION	\$111,846	\$124,565	\$139,342	\$131,410	\$123,820	\$132,370
EQUIPMENT	\$3,737	\$2,362	\$43	\$0	\$0	\$0
OUTSIDE SERVICES	\$10,528	\$14,352	\$15,872	\$10,910	\$10,910	\$11,420
SUPPLIES	\$28,457	\$20,775	\$22,234	\$25,640	\$25,640	\$29,500
INSURANCES	\$2,403	\$2,930	\$3,025	\$3,330	\$3,210	\$2,010
	\$74,718	\$85,234	\$97,737	\$94,420	\$99,110	\$104,170
OVERHEAD\FRINGE BENEFITS	\$ /4, /10					

	2010	2011	2012	2013	2013	2014
REVENUE	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGET
MISCELLANOUS REVENUE	\$0	\$1,765	\$1,602	\$0	\$0	\$0
Total	\$0	\$1,765	\$1,602	\$0	\$0	\$(
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
APPROPRIATIONS						
COMPENSATION	\$175,837	\$186,044	\$199,560	\$202,330	\$200,020	\$206,54
EQUIPMENT	\$45,087	\$50,873	\$58,514	\$0	\$0	\$0
OUTSIDE SERVICES	\$1,682	\$1,785	\$1,949	\$1,500	\$2,000	\$2,00
SUPPLIES	\$9,130	\$6,875	\$11,243	\$13,330	\$13,330	\$13,73
INSURANCES	\$4,759	\$5,642	\$5,845	\$7,300	\$7,220	\$5,75
OVERHEAD\FRINGE BENEFITS	\$119,526	\$131,113	\$144,003	\$151,850	\$155,110	\$181,42
RIGHT-OF-WAY MAINTENANCE	\$55,000	\$120,000	\$120,000	\$120,000	\$120,000	\$120,00
Total	\$411,021	\$502,333	\$541,114	\$496,310	\$497,680	\$529,44

	2010	2011	2012	2013	2013	2014
APPROPRIATIONS	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGET
COMPENSATION	\$32,588	\$38,083	\$24,913	\$30,500	\$19,350	\$31,820
EQUIPMENT	\$6,164	\$10,715	\$8,011	\$0	\$0	\$(
OUTSIDE SERVICES	\$11,751	\$23,639	\$17,859	\$10,000	\$10,000	\$10,400
SUPPLIES	\$17,761	\$17,821	\$24,546	\$12,500	\$20,000	\$13,000
INSURANCES	\$862	\$1,140	\$718	\$990	\$850	\$790
OVERHEAD\FRINGE BENEFITS	\$15,022	\$19,067	\$11,306	\$17,710	\$11,250	\$21,530
Total	\$84,148	\$110,465	\$87,352	\$71,700	\$61,450	\$77,540
	-					
	REPAIRS	LO SEBVIO	TES.			
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
APPROPRIATIONS	ACTUAL	ACTUAL	ACTUAL	DUDGETED	ESTIMATED	BUDGET
COMPENSATION	\$21,484	\$12,511	\$16,019	\$20,000	\$18,740	\$20,38
EQUIPMENT	\$5,318	\$4,159	\$5,020	\$0	\$0	\$
OUTSIDE SERVICES	\$0	\$140	\$125	\$3,000	\$3,000	\$3,120
SUPPLIES	\$8,584	\$13,120	\$6,360	\$5,200	\$8,000	\$5,40
INSURANCES	\$574	\$375	\$474	\$720	\$740	\$570
OVERHEAD\FRINGE BENEFITS	\$14,859	\$8,684	\$11,078	\$14,760	\$13,060	\$17,46
0 /		\$38,988	\$39,076	\$43,680	\$43,540	\$46,930

	REPAIRS T	TO HYDRA	ANTS			
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
APPROPRIATIONS	TIC TOTLE	HETOHE	петель	DODGETED	LOTIMITED	DODGE
COMPENSATION	\$7,660	\$6,122	\$4,113	\$7,500	\$5,870	\$8,07
EQUIPMENT	\$1,920	\$1,501	\$1,364	\$0	\$0	\$
SUPPLIES	\$7,112	\$1,628	\$6,069	\$3,650	\$5,000	\$3,80
INSURANCES	\$208	\$189	\$122	\$280	\$250	\$23
OVERHEAD\FRINGE BENEFITS	\$5,393	\$4,209	\$3,158	\$5,870	\$4,870	\$7,36
Total	\$22,293	\$13,649	\$14,826	\$17,300	\$15,990	\$19,46
	DEBT	SERVICE	,			
	2010	2011	2012	2013	2013	2014
APPROPRIATIONS	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGE
INTEREST & COSTS ON DEBT	\$415,293	\$395,951	\$424,711	\$434,390	\$414,390	\$468,89
PRINCIPAL	\$1,715,466	\$1,569,548	\$1,530,573	\$1,576,000	\$1,576,000	\$1,746,48
(GAIN) LOSS ON REFUNDING	\$52,878	\$0	\$0	\$0	(\$77,750)	\$
Total	\$2,183,637	\$1,965,499	\$1,955,284	\$2,010,390	\$1,912,640	\$2,215,37
	RECOLLE	CTIBLE W	ORK			
APPROPRIATIONS	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	2014 BUDGET
COMPENSATION	\$6.105	¢6 927	\$6.011	\$5,000	\$2,670	¢5 20
EQUIPMENT	\$6,195 \$703	\$6,837 \$609	\$6,911 \$1,184	\$5,000 \$0	\$3,670 \$0	\$5,38 \$
OUTSIDE SERVICES	\$4,439	\$960	\$1,164	\$1,050	\$1,050	\$1,10
SUPPLIES	\$4,439 \$4,363	\$787	\$65	\$1,550	\$2,000	\$1,60
INSURANCES	\$4,303 \$167	\$201	\$199	\$1,330	\$150	\$1,00 \$15
OVERHEAD\FRINGE BENEFITS	\$3,478	\$3,011	\$3,435	\$3,910	\$2,180	\$4,90
	Ψ2,470	Ψ2,011	Ψυ,-τυυ	ψ5,710	Ψ2,100	Ψ+,70

	2010	2011	2012	2013	2013	201
APPROPRIATIONS	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGE
COMPENSATION	\$12,301	\$18,758	\$6,636	\$15,000	\$12,150	\$15,00
EQUIPMENT	\$3,679	\$5,316	\$1,809	\$0	\$0	\$
OUTSIDE SERVICES	\$0	\$710	\$396	\$1,000	\$1,000	\$1,00
SUPPLIES	\$0	\$332	\$0	\$0	\$0	\$
INSURANCES	\$250	\$440	\$146	\$320	\$250	\$16
OVERHEAD\FRINGE BENEFITS	\$8,106	\$12,510	\$4,550	\$11,710	\$10,630	\$11,70
Total	\$24,336	\$38,066	\$13,537	\$28,030	\$24,030	\$27,86
,	WATER LAI	B OPERAT	IONS			
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	201 BUDGE
APPROPRIATIONS	ACTUAL	ACTUAL	ACTUAL	BUDGETED	ESTIMATED	BUDGE
COMPENSATION	\$47,153	\$50,852	\$51,212	\$49,840	\$47,050	\$50,20
OUTSIDE SERVICES	\$21,255	\$12,665	\$12,655	\$30,000	\$21,130	\$21,14
SUPPLIES	\$22,426	\$19,746	\$24,600	\$23,010	\$23,600	\$23,60
INSURANCES	\$971	\$1,152	\$1,054	\$1,240	\$1,210	\$77
OVERHEAD\FRINGE BENEFITS	\$33,841	\$37,796	\$38,737	\$38,940	\$36,320	\$38,15
Total	\$125,647	\$122,211	\$128,258	\$143,030	\$129,310	\$133,86
CAPI	TAL OUTLA	AY AND T	RANSFEI	₹		
	2010 ACTUAL	2011 ACTUAL	2012 ACTUAL	2013 BUDGETED	2013 ESTIMATED	201- BUDGE
APPROPRIATIONS	11010112	11010112	11010112	BOBOLIEB		Bobob
448 HYDRANTS	\$42,624	\$50,766	\$74,371	\$52,500	\$67,035	\$54,20
254 ALL EMER CAPITAL REPL	\$0	\$0	\$20,000	\$50,000	\$0	\$50,00
PRIOR YEAR CAPITAL OUTLAY	\$0	\$0	\$0	\$5,000	\$0	\$
TRANSFERS TO CAP PROJECT FUND	\$108,000	\$132,243	\$265,453	\$161,000	\$161,000	\$139,00
TRANSFERS TO TRUST	\$0	\$0	\$125,000	\$50,000	\$15,000	\$15,00
Total	\$150,624	\$183,009	\$484,824	\$318,500	\$243,035	\$258,20

FUNDING IMPACT

Fiscal Year 2013

FY 2013 total expenditures are estimated to be approximately 4.1% below budget. Operation and maintenance expenses are estimated to be approximately 3.5% below budget.

FY 2013 total revenues are estimated to be approximately 1.0% below budget.

The estimated loss for the fund is approximately 59% less than the FY 2013 budget projected loss.

Fiscal Year 2014

FY 2014 total expenditures are approximately 2.7% above FY 2013 budget levels. While operation and maintenance expenditures are approximately 1.7% below FY 2013, increased necessary capital expenditures are the principal reasons for the slight increase in expenditures.

FY 2014 total revenues are anticipated to remain relatively flat with little increase from FY 2013 levels.

The fund requests a 2.5% rate increase in FY 2014 and notes that further rate increases will be required in subsequent years in order to reach targeted working capital. The rate increase is necessary to support the continued capital improvements to the water utility.