

# WATER

## ACTIVITIES

- \*Water Treatment Services
- \*Water Distribution Services
- \*Water Customer Service
- \*Water System Debt Service
- \* Water – General Program
- \*Water – Capital Construction

## DESCRIPTION

This program includes the operation, planning, engineering, production, and delivery of water to each customer connection. Water services are made available for industrial, commercial, domestic, and fire protection uses.

	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Program Generated Resources	<u>8,010,212</u>	<u>9,486,648</u>	<u>9,208,147</u>	<u>9,549,965</u>	<u>9,549,965</u>	<u>9,549,965</u>	<u>7,599,263</u>
<b>Total Resources</b>	<b><u>8,010,212</u></b>	<b><u>9,486,648</u></b>	<b><u>9,208,147</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>7,599,263</u></b>
Requirements							
Water Treatment	1,031,855	1,191,614	1,292,530	1,452,529	1,452,529	1,452,529	1,497,310
Water Distribution	880,376	956,823	1,033,656	1,165,319	1,165,319	1,165,319	1,184,530
Customer Services	327,755	395,635	431,155	382,569	382,569	382,569	396,955
Debt Services	418,058	415,324	418,163	424,083	424,083	424,083	424,123
General Program Operations	1,687,469	1,949,507	1,916,914	2,011,394	2,011,394	2,011,394	1,969,038
Water Debt Reserve Fund	408,000	408,000	408,000	408,000	408,000	408,000	408,000
Capital Construction	<u>3,256,699</u>	<u>4,169,745</u>	<u>3,707,729</u>	<u>3,706,071</u>	<u>3,706,071</u>	<u>3,706,071</u>	<u>1,719,307</u>
<b>Total Requirements</b>	<b><u>8,010,212</u></b>	<b><u>9,486,648</u></b>	<b><u>9,208,147</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>7,599,263</u></b>

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## **Program: Utilities/Water Program**

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### **Mission:**

*The mission of the Water Program is to meet the expanding service area's current and future drinking water and fire flow needs.*

### **Services Delivered:**

The municipal water system withdraws raw water from the Rogue River, removes suspended particulates, removes and inactivates pathogens, and produces, pumps and stores a non-corrosive, palatable water according to Federal and State drinking water regulations. The water system includes the water filtration plant, reservoirs, booster pumping stations, distribution piping, and support service systems. The utility is an enterprise fund, with all costs of the system borne by ratepayers.

Major repairs and improvements to the water system are financed through capital expenditures. Minor repairs and ongoing operational needs are financed through the operating budgets. The budget is structured in seven (7) major activities:

Water Treatment	Water Distribution
Customer Service	Debt Service
General Program Operations	Debt Service Reserve
Capital Improvements	

This Program will provide services to approximately 10,600 system accounts in FY'09.

### **FY'09 - '10 Anticipated Accomplishments:**

The Hilltop pump station will be modified to improve fire flow and provide standby power.

Waterlines will be extended in Williams Highway and Rogue River Highway in anticipation of roadway surface improvements in 2009.

### **FY'08 Activity Review:**

Construction of a temporary automated solids handling system for the settling basins at the Water Filtration Plant was completed.

A water main under the Town Center Plaza was abandoned and a new fire service line was extended for the same property.

One community well system was replaced with connection to the water system in the Redwood area.

## Program: Utilities/Water Program

### Program Financial Summary

Resources	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL	PROJECTED
	FY'06	FY'07	FY'08	RECOMMEND	APPROVED	ADOPTED	FY'10
	\$	\$	\$	\$	\$	\$	\$
Beginning Balance	<u>387,857</u>	<u>629,371</u>	<u>771,123</u>	<u>1,029,474</u>	<u>1,029,474</u>	<u>1,029,474</u>	<u>960,376</u>
Current Resources							
Activity Generated							
Property Taxes	(1,419)	0	0	0	0	0	0
Sale of Water	3,823,577	4,123,777	4,236,970	4,320,920	4,320,920	4,320,920	4,426,080
Direct charges to:							
Solid Waste Operations	10,233	9,232	10,000	10,000	10,000	10,000	10,000
Transportation	4,632	0	6,500	0	0	0	0
Interest	35,191	45,774	50,000	15,000	15,000	15,000	15,000
Revenue from Other Agencies	6,968	0	0	0	0	0	0
Other Revenue	78,474	100,749	17,825	60,500	60,500	60,500	60,500
Debt Service Reserve Fund	408,000	408,000	408,000	408,000	408,000	408,000	408,000
Capital Construction	<u>3,256,699</u>	<u>4,169,745</u>	<u>3,707,729</u>	<u>3,706,071</u>	<u>3,706,071</u>	<u>3,706,071</u>	<u>1,719,307</u>
Total Current Resources	<u>7,622,355</u>	<u>8,857,277</u>	<u>8,437,024</u>	<u>8,520,491</u>	<u>8,520,491</u>	<u>8,520,491</u>	<u>6,638,887</u>
<b>Total Resources</b>	<b><u>8,010,212</u></b>	<b><u>9,486,648</u></b>	<b><u>9,208,147</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>7,599,263</u></b>

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER	COMMITTEE	COUNCIL	PROJECTED
	FY'06	FY'07	FY'08	RECOMMEND	APPROVED	ADOPTED	FY'10
	\$	\$	\$	\$	\$	\$	\$
Water Treatment	1,016,855	1,176,614	1,277,530	1,452,529	1,452,529	1,452,529	1,497,310
Water Distribution	858,876	955,323	1,022,656	1,165,319	1,165,319	1,165,319	1,184,530
Customer Services	327,755	395,635	431,155	382,569	382,569	382,569	396,955
General Program Operations	5,406	540	20,500	20,500	20,500	20,500	20,500
Capital Construction	3,256,699	4,169,745	3,707,729	3,706,071	3,706,071	3,706,071	1,719,307
Contingency	0	0	200,000	252,822	252,822	252,822	323,198
Indirect Charges	262,692	294,344	316,940	301,961	301,961	301,961	309,799
Debt Service	418,058	415,324	418,163	424,083	424,083	424,083	424,123
Transfers Out	826,500	900,000	576,000	728,557	728,557	728,557	605,166
Ending Balance	629,371	771,123	829,474	707,554	707,554	707,554	710,375
Water Debt Reserve Fund	<u>408,000</u>						
<b>Total Expenses</b>	<b><u>8,010,212</u></b>	<b><u>9,486,648</u></b>	<b><u>9,208,147</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>9,549,965</u></b>	<b><u>7,599,263</u></b>

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## Program: Utilities/Water – Water Treatment Services

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### Services Delivered:

This activity is responsible for the operations and maintenance of the City's Water Filtration Plant and thirteen remote pumping stations including their radio telemetry systems. Water is pumped from the Rogue River and treated at the Water Filtration Plant. After treatment, water is pumped through the distribution system into a network of reservoirs located at various elevations throughout our community. This activity also supplies water to the North Valley Industrial Park and Merlin Landfill area through a pump station and reservoir dedicated for that purpose. All water produced in this activity meets or exceeds all State and Federal standards for drinking water quality.

### FY'09 - '10 Anticipated Accomplishments:

An additional 0.5 FTE will be added to the staff at the Water Filtration Plant. At least two influent pumps will be rebuilt. Staff will update and distribute the Consumer Confidence Report. Additional laboratory equipment will be added to perform more in house testing in an effort to reduce the formation of disinfection by-products. Additional security measures will be implemented to comply with the Treatment Plants Vulnerability Assessment.

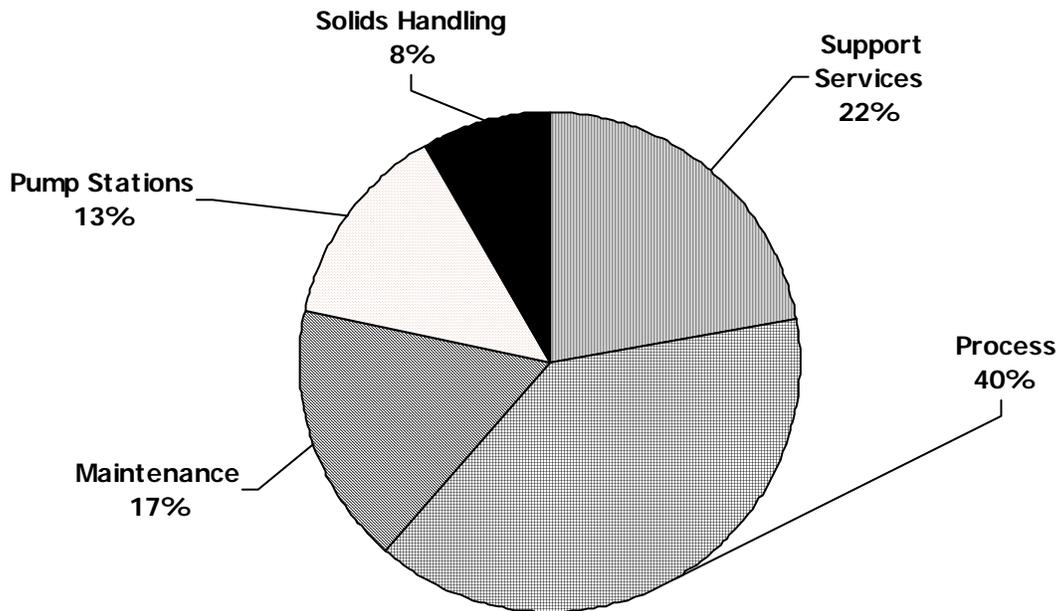
### FY'09 Performance Measurements:

- Treated water will meet ALL State and Federal Standards 100% of the time. **Goal #IV**
- The O & M cost of treated water will be \$500 per 1,000,000 gallons produced. **Goal #VI**
- Water Booster Station outages will be repaired and placed back into service in less than three hours. **Goal #III**

### Budget Highlights:

This activity will continue to supplement personnel services through the use of part-time temporary and contract employees enabling the plant to run twenty-four hours a day during the peak summer months and completing specialized projects leaving staff free to perform daily operations and maintenance activities. Staff will continue to look for ways to streamline plant processes and reduce the overall cost to produce its final product.

## Water Treatment Programs



### FY'08 Activity Review:

During the fiscal year 2007, 2.21 billion gallons of water was pumped into the distribution system by this activity; it is projected that just over 1.98 billion will be pumped in FY'08. Plant staff completed a very successful upgrade to the Plant's solids handling facilities, allowing for less staff intervention, better process control and enabling the water department to spend more time developing a long-term solution to this pressing issue. Plant staff further developed laboratory procedures designed to aid in tracking the formation of disinfection by-products as well as improving treatment throughout the entire treatment train. New treatment plant chemicals were utilized to achieve water quality goals during challenging treatment conditions.

### FY'08 Performance Indicators:

- Treated water will meet ALL State and Federal Standards 100% of the time. **Goal #IV Target met.**
- Target operation and maintenance cost of treated water will be around \$550 per 1,000,000 gallons produced. **Goal #VI Target met.** *The cost was \$487.76 per 1,000,000 gallons – This performance measure will be revised to reflect the true cost of treatment only. Previously the measure also included the cost of operating the pump stations and reservoirs and was not inline with nationally recognized performance indicators.*
- Water Booster Station outages will be repaired and placed back into service in less than three hours. **Goal #III Target met.**

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**Program: Utilities/Water – Water Treatment Services**

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***Financial Summary***

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'06	FY'07	FY'08	FY'09	FY'09	FY'09	FY'10
	\$	\$	\$	\$	\$	\$	\$
Personal Services	399,690	457,253	460,425	617,340	617,340	617,340	632,813
Materials & Supplies	207,755	239,197	226,300	249,500	249,500	249,500	257,700
Contractual/Prof Services	383,287	432,581	548,993	535,967	535,967	535,967	551,917
Direct Charges	13,621	14,186	16,812	16,672	16,672	16,672	17,155
Capital Outlay	12,502	33,397	25,000	33,050	33,050	33,050	37,725
Transfers Out	<u>15,000</u>	<u>15,000</u>	<u>15,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenses</b>	<b><u>1,031,855</u></b>	<b><u>1,191,614</u></b>	<b><u>1,292,530</u></b>	<b><u>1,452,529</u></b>	<b><u>1,452,529</u></b>	<b><u>1,452,529</u></b>	<b><u>1,497,310</u></b>

## Program: Utilities/Water – Water Treatment Services

### Personnel

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'06	FY'07	FY'08	FY'09	FY'09	FY'09	FY'10
	#	#	#	#	#	#	#
Public Works Director	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Utility Plant Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Treatment Plant Specialist	3.00	2.00	4.00	5.00	5.00	5.00	5.00
Office Assistant I	<u>1.00</u>						
Subtotal	6.00	5.00	7.00	8.00	8.00	8.00	8.00
Public Works Director							
TO: Water Distribution	(0.19)	(0.23)	(0.23)	(0.15)	(0.15)	(0.15)	(0.15)
TO: Wastewater Collection	(0.19)	(0.23)	(0.24)	(0.08)	(0.08)	(0.08)	(0.08)
TO: Wastewater Treatment	(0.19)	(0.23)	(0.24)	(0.23)	(0.23)	(0.23)	(0.23)
TO: Streets	0.00	0.00	(0.06)	(0.23)	(0.23)	(0.23)	(0.23)
TO: JO-GRO	(0.06)	(0.06)	0.00	(0.03)	(0.03)	(0.03)	(0.03)
TO: Engineering	(0.19)	(0.00)	0.00	0.00	0.00	0.00	0.00
TO: Landfill	(0.01)	(0.01)	0.00	(0.05)	(0.05)	(0.05)	(0.05)
Treatment Plant Spec - Operations							
FROM: Wastewater Treatment	0.35	0.50	0.50	0.00	0.00	0.00	0.00
Treatment Plant Spec – Maintenance							
FROM: Wastewater Treatment	0.40	0.40	0.00	0.00	0.00	0.00	0.00
Office Assistant I							
TO: Water Distribution	(0.25)	(0.25)	(0.20)	(0.15)	(0.15)	(0.15)	(0.15)
TO: Wastewater Collection	(0.25)	(0.25)	(0.20)	(0.08)	(0.08)	(0.08)	(0.08)
TO: Wastewater Treatment	(0.25)	(0.25)	(0.20)	(0.23)	(0.23)	(0.23)	(0.23)
TO: Streets	0.00	0.00	(0.20)	(0.23)	(0.23)	(0.23)	(0.23)
TO: Landfill	0.00	0.00	0.00	(0.05)	(0.05)	(0.05)	(0.05)
TO: JO-GRO	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>(0.03)</u>	<u>(0.03)</u>	<u>(0.03)</u>	<u>(0.03)</u>
Subtotal	(0.83)	(0.61)	(1.07)	(1.54)	(1.54)	(1.54)	(1.54)
<b>Total Full Time Positions</b>	<b><u>5.17</u></b>	<b><u>4.39</u></b>	<b><u>5.93</u></b>	<b><u>6.46</u></b>	<b><u>6.46</u></b>	<b><u>6.46</u></b>	<b><u>6.46</u></b>
Part Time/Seasonal Hours	<u>1,200</u>	<u>1,200</u>	<u>1,300</u>	<u>5,415</u>	<u>5,415</u>	<u>5,415</u>	<u>5,415</u>

### *Capital Outlay/By Item:*

Computers/Software/Office and Lab Equipment	2,500	7,450	7,450	7,450	16,225
Outdoor Storage Building	0	0	0	0	9,000
Improvements to Plant Drain Sump	0	0	0	0	3,500
Ultrasonic/radar Level Measuring Device	0	5,000	5,000	5,000	0
Alkalinity Meter	0	6,000	6,000	6,000	0
Electric Truck Hoists/Lift Gate	0	5,000	5,000	5,000	0
Pump Station Equipment Replace/Upgrade		<u>22,500</u>	<u>9,600</u>	<u>9,600</u>	<u>9,000</u>
<b>Total Capital Outlay</b>		<b><u>25,000</u></b>	<b><u>33,050</u></b>	<b><u>33,050</u></b>	<b><u>37,725</u></b>

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## Program: Utilities/Water – Water Distribution Services

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### Services Delivered:

Water Distribution is responsible for ensuring a consistently dependable supply of quality water for both domestic consumption and fire service protection. The services delivered in this activity are administered through the performance of distinct programs consisting of customer service, water quality, service installation and maintenance, system maintenance, main and hydrant installation, and general operations.

The duties encompassed in these programs include water sampling, water system flushing, meter replacement, water service installation and repair, fire hydrant repair and inspection, backflow prevention inspection, water main repair, and customer concerns and requests. In addition, this activity provides support to both contractors involved in new construction and other City departments during their normal course of business.

### FY'09 - '10 Anticipated Accomplishments:

Excellence in customer service and water quality shall remain the highest priorities in this activity. The annexation of one additional private water system in the Redwood area shall occur during the period. The fire hydrant maintenance program shall continue. The meter replacement program shall also continue during the period with particular attention devoted to larger commercial meters. The installation of new water services combined with the replacement, adjustment, and relocation of existing water services, fire hydrants, and valve boxes during public road projects, such as the Highway 199 reconstruction, shall also continue.

FY'09 activities shall include the water system flushing in various levels of the distribution system. A utility administered contract for the testing and minor repair of single-family residential backflow devices shall continue in FY'09. Substandard galvanized and low flow copper water services shall be replaced when encountered. Contract cleaning of water reservoirs will resume in FY'09.

### FY'09 Performance Measurements:

- Percentage of unaccounted water less than or equal to 8%. **Goal #IV**
- Feet of pipeline flushed per labor hour – 650 ft/hr. **Goal #IV**
- Average time for water service outage during emergency repairs – 1 hour. **Goal #III**

### Budget Highlights:

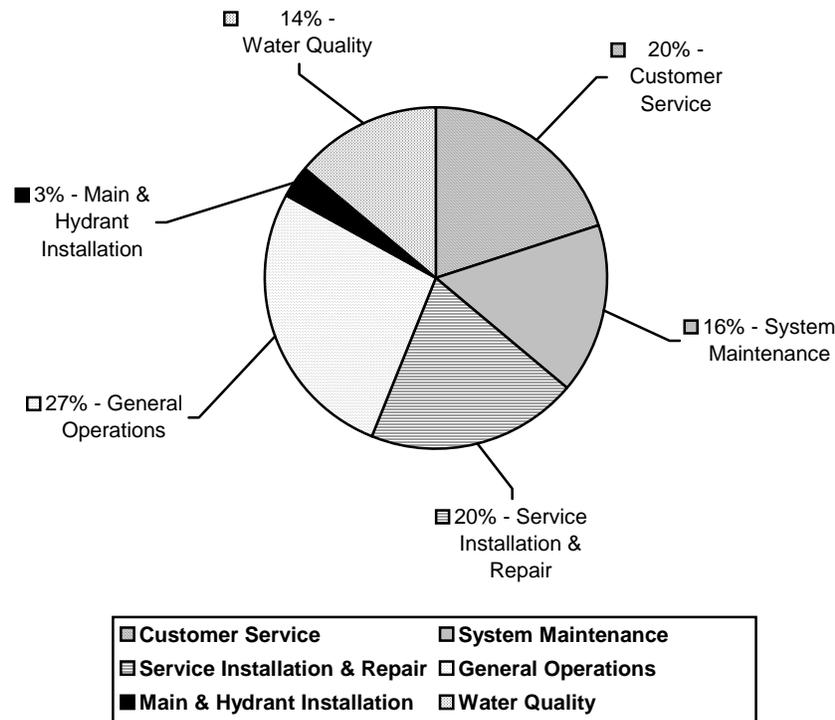
Funding continues for a utility administered contract for single-family residential backflow testing and minor repair. Financial aid for backflow device and pressure regulator installations for homeowners within newly acquired systems shall continue. Funds for the replacement of residential and commercial water meters continue in the Customer Service Program. The Water Quality Program contains funding for contract reservoir cleaning. The System Maintenance Program contains funding for contract fire hydrant painting. The FY'09 capital budget contains funding for the replacement of a photo copy machine and new water services.

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## Program: Utilities/Water – Water Distribution Services

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### Program Allocations



### FY'08 Activity Review:

Goals related to water system flushing and residential meter replacements were not reached during the period due to a shortage of temporary summer labor. The installation of new water services remained brisk at the beginning of FY'08 but substantially slowed during the winter months. Distribution crews remained busy replacing and adjusting existing water services during the Redwood Avenue Reconstruction Project. The installation of water valves along with the relocation of water main lines and services also occurred during the Pine Street Sewer Replacement Project. The Blue Grass Water System was successfully connected to the main public water system. The residential backflow testing program successfully continued. New water services as of April 1, 2008 totaled 120, with 45 being installed by City crews. Water service replacements for the same period totaled 19. Water main repairs totaled 15 for the same period.

### FY'08 Performance Indicators:

- Percentage of unaccounted water projected at 8 %: **Goal #IV Target met.**
- Feet of pipeline flushed per labor hour – 650 ft/hr.: **Goal #IV Target not met.** *Flushing did not occur.*
- Average time for water service outage during emergency repairs – 1 hour. **Goal #III Target met.**

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**Program: Utilities/Water – Water Distribution Services**

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***Financial Summary***

Requirements	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Personal Services	504,044	559,388	616,460	647,901	647,901	647,901	673,853
Materials & Supplies	79,319	86,285	88,350	141,216	141,216	141,216	121,247
Contractual/Prof Services	171,914	158,068	222,288	265,593	265,593	265,593	281,218
Direct Charges	34,449	35,735	38,058	42,609	42,609	42,609	43,212
Capital Outlay	69,150	115,847	57,500	68,000	68,000	68,000	65,000
Transfers Out	<u>21,500</u>	<u>1,500</u>	<u>11,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>Total Expenses</b>	<b><u>880,376</u></b>	<b><u>956,823</u></b>	<b><u>1,033,656</u></b>	<b><u>1,165,319</u></b>	<b><u>1,165,319</u></b>	<b><u>1,165,319</u></b>	<b><u>1,184,530</u></b>

## Program: Utilities/Water – Water Distribution Services

### Personnel

	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'06	FY'07	FY'08	FY'09	FY'09	FY'09	FY'10
	#	#	#	#	#	#	#
Utility Field Supervisor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Municipal Specialist	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Municipal Service Worker	6.00	7.00	7.00	7.00	7.00	7.00	7.00
Office Assistant I	<u>1.00</u>						
Subtotal	9.00	10.00	10.00	10.00	10.00	10.00	10.00
Public Works Director							
FROM: Water Treatment	0.19	0.23	0.23	0.15	0.15	0.15	0.15
Utility Field Supervisor							
TO: Wastewater Collection	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)
Municipal Service Worker							
TO: Wastewater Collection	0.00	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)
Office Assistant I							
TO: Waste Water Collection	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)	(0.50)
Office Assistant I							
FROM: Water Treatment	<u>0.25</u>	<u>0.25</u>	<u>0.20</u>	<u>0.15</u>	<u>0.15</u>	<u>0.15</u>	<u>0.15</u>
Subtotal	(0.56)	(1.02)	(1.07)	(1.20)	(1.20)	(1.20)	(1.20)
<b>Total Full Time Positions</b>	<b><u>8.44</u></b>	<b><u>8.98</u></b>	<b><u>8.93</u></b>	<b><u>8.80</u></b>	<b><u>8.80</u></b>	<b><u>8.80</u></b>	<b><u>8.80</u></b>
Part Time/Seasonal Hours	<u>2,400</u>						

### *Capital Outlay/By Item:*

Steel Trench Cover Plates	0	5,000	5,000	5,000	0
Reservoir #7 Land Payment	1,000	1,000	1,000	1,000	1,000
New Water Services	55,000	55,000	55,000	55,000	60,000
Computers	<u>1,500</u>	<u>7,000</u>	<u>7,000</u>	<u>7,000</u>	<u>4,000</u>
<b>Total Capital Outlay</b>		<b><u>57,500</u></b>	<b><u>68,000</u></b>	<b><u>68,000</u></b>	<b><u>65,000</u></b>

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## Program: Utilities/Water – Customer Services

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### Services Delivered:

This activity includes billing services provided by the Finance Department and Engineering Services from the Community Development Department.

### FY'09 - '10 Anticipated Accomplishments:

The Customer Services activity will bill about 10,600 customers monthly in FY'09 and maintain timely records on all accounts. Information regarding water line locations, new service requests, local improvement district financing and other data regarding the overall system will be provided to customers through this activity.

### FY'09 Performance Measurements:

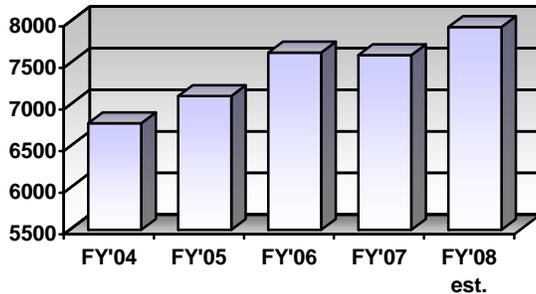
- A Water Quality Report will be issued to all water consumers. **Goal #IV.**
- Ensure that customers receive timely and accurate information involving their water utility service during the construction phases of utility improvement projects. **Goal #I.**
- Fees and charges applicable to delinquent accounts will be reviewed for recovery of cost and recommendations presented to council. **Goal #VI.**
- Review and update the delinquency processing procedures to ensure accurate and timely notification of property owners. **Goal #VI**

### Budget Highlights:

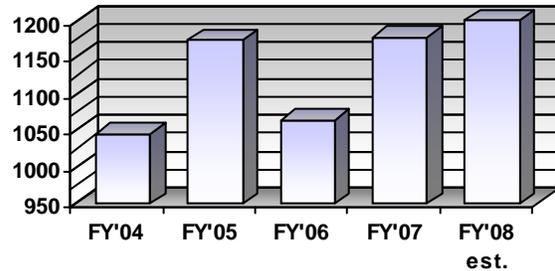
Monies have been appropriated for preparation and delivery of an annual Water Quality report to all consumers, a requirement mandated by EPA.

## Program: Utilities/Water – Customer Services

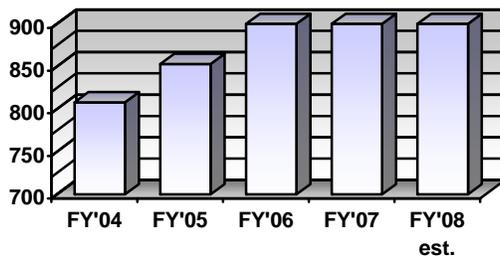
Number of RESIDENTIAL Customers



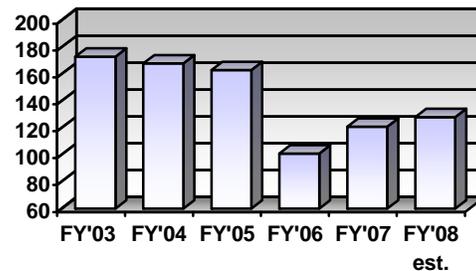
Number of COMMERCIAL Customers



Number of MULTIFAMILY Customers



Number of PUBLIC AGENCY Customers



### FY'08 Performance Indicators:

- A Water Quality Report will be issued to all water consumers. **Goal #IV Target met.**
- Billings for newly established water service connections will begin within 30 days of service 90% of the time. **Goal #VI Target met.**
- Fees and charges applicable to delinquent accounts will be reviewed for recovery of cost and recommendations presented. **Goal #VI Target not met.** *Review was not completed due to staffing shortages.*
- All customer utility payments will be processed the day they are received. **Goal #VI Target met.**

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**Program: Utilities/Water – Customer Services**

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***Financial Summary***

Requirements	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Contractual/Prof Services	32,817	41,197	24,325	28,050	28,050	28,050	29,210
Direct Charges	<u>294,938</u>	<u>354,438</u>	<u>406,830</u>	<u>354,519</u>	<u>354,519</u>	<u>354,519</u>	<u>367,745</u>
<b>Total Expenses</b>	<b><u>327,755</u></b>	<b><u>395,635</u></b>	<b><u>431,155</u></b>	<b><u>382,569</u></b>	<b><u>382,569</u></b>	<b><u>382,569</u></b>	<b><u>396,955</u></b>

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**Program: Utilities/Water – Customer Services**

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## Program: Utilities/Water – Debt Service

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### Services Delivered:

This activity accounts for the repayment of water bonds that were sold.

### Budget Highlights:

The Debt Service schedule is in Appendix P.

The Water Bond payment schedule is:

	<u>FY'04</u>	<u>FY'05</u>	<u>FY'06</u>	<u>FY'07</u>	<u>FY'08</u>	<u>FY'09</u>
August 1998 Issue						
Principal	265,000	280,000	295,000	305,000	320,000	340,000
Interest	<u>146,873</u>	<u>135,875</u>	<u>124,115</u>	<u>111,430</u>	<u>98,163</u>	<u>83,083</u>
<b>Total</b>	<b><u>411,873</u></b>	<b><u>415,875</u></b>	<b><u>419,115</u></b>	<b><u>416,430</u></b>	<b><u>418,163</u></b>	<b><u>423,083</u></b>

The budget debt service differs from this schedule due to accruals.

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**Program: Utilities/Water – Debt Service**

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***Financial Summary***

Requirements	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Debt Service	<u>418,058</u>	<u>415,324</u>	<u>418,163</u>	<u>424,083</u>	<u>424,083</u>	<u>424,083</u>	<u>424,123</u>
<b>Total Expenses</b>	<b><u>418,058</u></b>	<b><u>415,324</u></b>	<b><u>418,163</u></b>	<b><u>424,083</u></b>	<b><u>424,083</u></b>	<b><u>424,083</u></b>	<b><u>424,123</u></b>

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## **Program: Utilities/Water – General Program Operations**

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### **Services Delivered:**

This activity accounts for expenses not associated specifically with any single water activity. It includes administrative overhead, transfers to capital projects, and a contingency.

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## Program: Utilities/Water – General Program Operations

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### Financial Summary

Requirements	ACTUAL	ACTUAL	BUDGET	MANAGER RECOMMEND	COMMITTEE APPROVED	COUNCIL ADOPTED	PROJECTED
	FY'06	FY'07	FY'08	FY'09	FY'09	FY'09	FY'10
	\$	\$	\$	\$	\$	\$	\$
Materials & Supplies	0	0	100	100	100	100	100
Contractual/Prof Services	5,406	540	20,400	20,400	20,400	20,400	20,400
Contingencies	0	0	200,000	252,822	252,822	252,822	323,198
Indirect Charges	262,692	294,344	316,940	301,961	301,961	301,961	309,799
Transfers Out	790,000	883,500	550,000	728,557	728,557	728,557	605,166
Ending Balance	<u>629,371</u>	<u>771,123</u>	<u>829,474</u>	<u>707,554</u>	<u>707,554</u>	<u>707,554</u>	<u>710,375</u>
<b>Total Expenses</b>	<b><u>1,687,469</u></b>	<b><u>1,949,507</u></b>	<b><u>1,916,914</u></b>	<b><u>2,011,394</u></b>	<b><u>2,011,394</u></b>	<b><u>2,011,394</u></b>	<b><u>1,969,038</u></b>

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**Program: Utilities/Water – Debt Service Reserve Fund**

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**Services Delivered:**

This activity accounts for the reserve requirement mandated by the covenants of the General Revenue Bond sale completed August 1998. Ten percent of the bond sale proceeds, \$408,000, must be held in reserve for the life of the debt. Interest earnings on the reserved monies are available for general operations and will be applied to the semi-annual debt service payments.

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**Program: Utilities/Water – Debt Service Reserve Fund**

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***Financial Summary***

Resources	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Beginning Balance	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>
<b>Total Resources</b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>

Requirements	ACTUAL FY'06 \$	ACTUAL FY'07 \$	BUDGET FY'08 \$	MANAGER RECOMMEND FY'09 \$	COMMITTEE APPROVED FY'09 \$	COUNCIL ADOPTED FY'09 \$	PROJECTED FY'10 \$
Ending Balance	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>	<u>408,000</u>
<b>Total Expenses</b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>	<b><u>408,000</u></b>

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## **Program: Utilities/Water – Capital Construction**

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### **Basic Functions:**

This activity includes planning, engineering and all construction of major water system improvements.

### **Activity Highlights:**

The water system includes the treatment plant, eight reservoirs, thirteen pump stations, and 105 miles of water mains. Major repairs and improvements to the water system are financed through this capital budget. The minor repairs to the system are financed through the operating activities.

This budget sets aside funds to provide City funding for extension and over-sizing of lines required by the water system in excess of individual development project needs.

### **Budget Highlights:**

A list of projects for FY'06, FY'07, FY'08, FY'09 & FY'10 is shown on the following page.

The History through FY'06 column shows project costs through June 30, 2006. The FY'06 Actual and FY'07 Actual columns show actual expenditures for the fiscal years July 1, 2005 through June 30, 2007. The Budget FY'08, Adopted FY'09 and Projected FY'10 columns reflect the total amount of resources available or expected to be available to the project during the respective fiscal years.

## Program: Utilities/Water – Capital Construction

### FY'06, FY'07, FY'08, FY'09 & FY'10 PROJECTS

	Expense Actual FY'06	Expense Through FY'06	Expense Actual FY'07	Resource Budget FY'08	Resource Adopted FY'09	Resource Projected FY'10
WA4201 Water Distribution Master Plan	30,806	214,763	24,651	46,215	0	0
WA4258 Fire Hydrant New Install	13,886	50,601	0	24,399	19,399	9,399
WA4526 Starlite Pump Station Upgrade	1,040	30,552	2,518	176,930	166,930	0
WA4693 Booster Station Pump and Motor Rebuilds	3,957	6,982	30,362	22,656	22,656	22,656
WA4739 Foothill Zone 2 Loop - Ament Road	(2,346)	0	0	205,000	205,000	0
WA4740 Intake Structure Modifications	214,373	282,399	1,526,623	6,794	(6)	(6)
WA4742 Meadow Wood Reservoir No. 16 - Site Purchase	0	0	5,777	44,223	129,223	223
WA4808 4th Street Waterline (C Street - H Street)	13,642	15,578	8,884	95,538	30,538	538
WA4840 Beacon Zone 3 Waterline	0	0	128,234	10,766	766	766
WA4841 Small Main Replacement	0	0	0	100,000	100,000	100,000
WA4863 Hilltop Fire Pump Station Upgrade	2,100	2,100	52,585	251,315	351,315	315
WA4892 Panoramic Loop Pump Station	30,730	30,730	11,398	(128)	(128)	(128)
WA4965 WTP Solids Handling	0	0	23,137	1,076,863	876,863	676,863
WA4966 Water Conservation & Mgmt Plan Update	0	0	0	80,000	70,000	0
WA4967 Plant Landscaping	0	0	0	100,000	95,000	0
WA4968 Influent Pump VFD's	0	0	0	75,000	140,000	0
WA4969 Reservoir N0.3 Valve House/Overflow Renov.	0	0	0	35,000	50,000	0
WA4970 North Valley Pump Station Modification	0	0	0	7,200	0	0
WA4971 Meadow Wood Reservoir No. 16	0	0	0	0	50,000	250,000
WA4972 Sherman Lane 2" Main Replacement	0	0	0	0	0	0
WA5026 Leonard Road Water Line Loop 1	0	0	0	180,000	230,000	0
WA5027 Leonard Road Water Line Loop 2	0	0	0	145,000	100,000	100,000
WA5028 Water Main on Private Property	0	0	0	20,000	0	0
WA5055 Water Master Services Agreement	0	0	0	10,000	0	0
WA5059 Williams Hwy. Waterline Fill In	0	0	0	50,000	466,000	0
WA5093 West Harbeck Overlay	0	0	0	0	100,000	0
WA5094 Water Distribution System Master Plan Update	0	0	0	0	25,000	75,000
WA5095 Source Water Protection Plan	0	0	0	0	0	50,000
WA5096 WTP Structural Repairs	0	0	0	0	50,000	50,000
WA5097 Feasibility of On-Site CHL2 Generation	0	0	0	0	0	50,000
WA5098 Air Scour in Filters	0	0	0	0	400,000	0
WA5099 Bulk Water Station	0	0	0	10,000	140,000	0
WA6000 MSA Task Order #1	0	0	0	20,000	20,000	20,000
WA6001 Water Main Looping	0	0	0	0	0	10,000
WA6002 WTP Facility Plan Update	0	0	0	0	20,000	20,000
Fund 758 Miscellaneous Water Projects - General	390,869	5,102,290	3,928	556,871	(594,572)	(522,406)
Fund 759 Miscellaneous Water Projects - LID's	0	12,581	0	0	0	0
Fund 752 Miscellaneous Water Projects - SDC's	0	0	0	276,682	441,182	805,682
Fund 755 Miscellaneous Water Projects - AFD's	0	0	0	81,405	905	405
<b>Total Projects</b>	<b><u>699,057</u></b>	<b><u>5,748,576</u></b>	<b><u>1,818,097</u></b>	<b><u>3,707,729</u></b>	<b><u>3,706,071</u></b>	<b><u>1,719,307</u></b>

## Program: Utilities/Water – Capital Construction

### Financial Summary

	<u>Actual FY'06</u>	<u>Through FY'06</u>	<u>Actual FY'07</u>	<u>Budget FY'08</u>	<u>Adopted FY'09</u>	<u>Projected FY'10</u>
Beginning Fund Balance	<u>1,366,691</u>		<u>2,557,642</u>	<u>2,351,648</u>	<u>2,742,514</u>	<u>493,141</u>
Revenues:						
State Grant-Oregon Energy Trust	0	0	0	0	0	50,000
Federal Grant-Econ. Dev. Admin.	0	46,600	0	0	0	0
State Grant-Old Growth Diverse	0	6,000	0	0	0	0
SORED I GRANT-RCC Tech Park	0	6,684	0	0	0	0
SDC REVENUES	264,002	1,826,444	0	35,250	35,250	35,250
SDC Reimbursement Fee	259,390	259,390	356,761	350,000	350,000	350,000
SDC - Improvement Fee	183,692	183,692	271,232	305,000	305,000	305,000
SDC - Admin Fee	7,002	7,002	11,113	11,500	11,500	11,500
SDC - various	55,472	55,472	63,838	12,750	12,750	12,750
Investment Interest	72,380	947,853	114,714	107,581	1,500	1,500
1998 Water Bond	0	58,750	0	0	0	0
Sale of assets (Land)	0	50,979	0	0	0	0
Other	40,145	2,986	0	0	0	0
Contributions RCC, Farmers, Other	61,502	212,785	0	0	0	0
Advance Finance Revenues	176,423	575,776	100,446	90,000	55,000	55,000
Transfers from:						
Water Fund-General Program Ops.	755,000	3,678,304	678,999	429,000	192,557	405,166
Water Fund-Water Treatment	15,000	71,700	15,000	15,000	0	0
Lands & Buildings Cap Projects	0	313,800	0	0	0	0
General Fund-General Program Ops.	<u>0</u>	<u>2,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Current Resources	<u>1,890,008</u>	<u>8,306,217</u>	<u>1,612,103</u>	<u>1,356,081</u>	<u>963,557</u>	<u>1,226,166</u>
<b>Total Resources</b>	<b><u>3,256,699</u></b>	<b><u>8,306,217</u></b>	<b><u>4,169,745</u></b>	<b><u>3,707,729</u></b>	<b><u>3,706,071</u></b>	<b><u>1,719,307</u></b>
Requirements						
Capital Outlay	699,057	5,748,576	1,818,097	965,215	3,212,930	849,399
Ending Fund Balance	<u>2,557,642</u>	<u>2,557,641</u>	<u>2,351,648</u>	<u>2,742,514</u>	<u>493,141</u>	<u>869,908</u>
<b>Total Requirements</b>	<b><u>3,256,699</u></b>	<b><u>8,306,217</u></b>	<b><u>4,169,745</u></b>	<b><u>3,707,729</u></b>	<b><u>3,706,071</u></b>	<b><u>1,719,307</u></b>



**WHERE THE ROGUE RIVER RUNS**



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