



Board of Water Works of Pueblo, Colorado

OVERVIEW

TREATING, PUMPING AND LABORATORY

The Treating, Pumping and Laboratory Division is responsible for taking water from the Arkansas River, treating it to a quality that meets or exceeds all State and Federal standards then pumping it into the system ready for consumption. The Treating Department operates and controls the systems necessary to move and treat the water from the point it leaves the river to the point where it is ready to be pumped into the distribution system. The Treating and Pumping Maintenance Department maintains the mechanical systems that treat, pump, and store the water. The Electronics & Facilities Maintenance Department provides maintenance support for all divisions, including building maintenance, HVAC, electronics and electrical.

We have included \$20,000 for the Board's share of a multiple entity study of our source of supply.

We are proposing to convert to new SCADA software in 2007. The actual conversion may take more than one year. To facilitate the conversion and maintain the very complex system we have included an additional employee (SCADA Technician).

We have included \$10,000 for engineering services for design of the Board's portion of the expanded Comanche Pump Station. The Board's share of the construction cost is currently estimated at \$200,000 and is included in the capital projects projection for 2008.

We have included \$110,000 for a new mobile standby generator that can be used at either the Administration office or the 8000 Zone Pump Station. This increases our reliability in case of an emergency.

The full impact of the major increase in electrical power costs that resulted from Aquila's rate case was demonstrated in 2006. In addition there was a new 1% rate increase for renewable energy (Amendment 37) that took effect on September 1, 2006. We have adjusted our projected expenditure for power accordingly and we anticipate that we will spend almost \$2,000,000 for power in 2007. Increases in chemical costs are less predictable but we have estimated that they will be similar to 2006.

Terry R. Book

BOARD OF WATER WORKS OF PUEBLO, COLORADO
 DETAIL OF EXPENDITURES

PERSONNEL SERVICES

TREATING, PUMPING AND LABORATORY

	2005	2006	2006	2007
	<u>ACTUAL</u>	<u>BUDGET</u>	<u>ESTIMATED</u>	<u>BUDGET</u>
SALARIES & WAGES				
Division manager	\$ 78,266	\$ 91,815	\$ 89,628	\$ 103,722
Manager	153,527	166,546	162,730	178,444
Supervision	122,884	139,860	135,540	152,397
Specialist	195,071	218,675	212,136	289,533
Skills and trades	1,099,988	1,275,919	1,245,933	1,362,620
Part-time	6,759	13,780	4,305	-
Temporary	26,597	36,640	32,886	63,996
Overtime	<u>122,393</u>	<u>120,000</u>	<u>127,248</u>	<u>125,000</u>
Total salaries and wages	<u>1,805,485</u>	<u>2,063,235</u>	<u>2,010,406</u>	<u>2,275,712</u>
BENEFITS				
Longevity	-	17,520	14,507	17,879
Employee assistance	647	669	664	677
Social security	156,215	149,422	161,412	164,247
Pension	51,595	55,625	54,273	62,602
Health insurance	217,666	241,439	246,229	261,921
Dental insurance	22,897	25,617	26,024	27,405
Disability insurance	12,513	13,856	13,199	14,502
Life insurance	22,592	24,934	23,766	27,464
Sick leave	121,213	114,506	114,500	122,680
Vacation leave	<u>124,634</u>	<u>130,907</u>	<u>130,900</u>	<u>142,661</u>
Total benefits	<u>729,972</u>	<u>774,495</u>	<u>785,474</u>	<u>842,038</u>
Total personnel services	<u>\$ 2,535,457</u>	<u>\$ 2,837,730</u>	<u>\$ 2,795,880</u>	<u>\$ 3,117,750</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO
DETAIL OF EXPENDITURES

OPERATION AND MAINTENANCE
TREATING, PUMPING AND LABORATORY

	<u>2005</u> <u>ACTUAL</u>	<u>2006</u> <u>BUDGET</u>	<u>2006</u> <u>ESTIMATED</u>	<u>2007</u> <u>BUDGET</u>
OPERATION AND MAINTENANCE				
Outside services	\$ 313,588	\$ 343,500	\$ 348,450	\$ 355,850
Engineering consulting	5,567	27,000	5,500	41,000
Utilities	1,702,787	1,788,800	2,066,233	2,080,550
Repair and maintenance - equipment	130,498	184,900	161,000	226,800
Maintenance - building	344,255	395,250	460,000	386,000
Maintenance - office equipment	2,975	3,200	1,111	1,700
Tool replacement	9,583	12,500	9,592	9,100
Chemical (over) short	(998)	2,000	1,951	2,000
In-service training	15,052	24,400	23,504	24,250
Office supplies	13,132	12,850	10,565	13,700
Shop supplies	-	3,500	1,000	3,500
Janitor supplies	3,619	4,000	3,668	4,000
Safety	7,318	17,350	15,011	16,900
Chemicals	423,805	441,600	470,000	480,000
Laboratory	45,036	61,550	50,149	65,900
Subscriptions and memberships	744	1,900	1,000	1,850
	<u>744</u>	<u>1,900</u>	<u>1,000</u>	<u>1,850</u>
 Total operation and maintenance	 <u>\$ 3,016,961</u>	 <u>\$ 3,324,300</u>	 <u>\$ 3,628,734</u>	 <u>\$ 3,713,100</u>

BOARD OF WATER WORKS OF PUEBLO, COLORADO
 DETAIL OF EXPENDITURES

CAPITAL OUTLAY

TREATING, PUMPING AND LABORATORY

	<u>2005</u> <u>ACTUAL</u>	<u>2006</u> <u>BUDGET</u>	<u>2006</u> <u>ESTIMATED</u>	<u>2007</u> <u>BUDGET</u>
CAPITAL OUTLAY				
Improvements and replacements	\$ 38,146	\$ 120,150	\$ 169,261	\$ 308,400
Furniture and fixtures	-	1,100	1,230	1,200
Office equipment	2,990	-	-	-
Computer equipment	6,971	9,800	8,325	69,700
Treating equipment	77,014	289,200	137,877	229,600
Pumping equipment	318,701	224,700	299,606	211,700
Laboratory equipment	-	-	2,700	10,800
Heavy equipment	<u>47,665</u>	<u>14,400</u>	<u>4,388</u>	<u>16,800</u>
 Total capital outlay	 <u>\$ 491,487</u>	 <u>\$ 659,350</u>	 <u>\$ 623,387</u>	 <u>\$ 848,200</u>