Utility Funds

WATER UTILITY SUMMARY

	Actual 1976	Estimated 1977	Budget 1978
Cash and Investments, January 1	$1,029,193	$ 1,074,524	$ 500,000
Revenues			
Utility Improvement Funds	$ 413,270	$	$ 759,000
Operating Revenues			
Sales of Water	$7,166,628	$ 8,269,207	$ 8,604,128
Customer Forfeits	35,239	41,000	35,000
Other	77,497	48,000	70,000
Total Operating Revenues	$7,279,364	$ 8,358,207	$ 8,709,128
Non-Operating Revenues			
Interest on Investments	$ 345,186	$ 355,476	$ 325,000
Reimbursed Collection Fees	337,284	336,393	341,235
Other	33,377	37,727	40,000
Total Non-Operating Revenues	$ 715,847	$ 729,596	$ 706,235
Gross Revenues	$7,995,211	$ 9,087,803	$ 9,415,363
Total Revenues and Cash Balance	$9,437,674	$10,162,327	$10,674,363
Expenditures			
Operation and Maintenance			
Production and Pumping			
Source of Supply	$ 409,407	$ 393,397	$ 430,648
Treatment	708,224	879,701	955,185
Pumping	317,388	289,290	384,227
Transmission and Distribution	527,759	624,814	532,364
Water Engineering	130,297	154,303	120,279
Customer Service	944,967	1,077,623	1,166,085
Administration	593,374	713,735	918,946
Total Operations and Maintenance	$3,631,416	$ 4,132,863	$ 4,507,734
Principal and Interest	2,229,661	2,952,904	3,281,823
Franchise Tax	431,510	440,000	445,000
Capital Improvements	2,070,563	2,136,560	1,939,806
Cash and Investments, December 31	$1,074,524	$ 500,000	$ 500,000

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION AND PUMPING (SOURCE OF SUPPLY)	589-80-800-50000 GATA 5

BUDGET COMMENTS

The adopted 1978 Budget for this section of the Production and Pumping Division reflects an increase of $37,251 (9.5 percent).

Personal Services have increased $20,131, primarily as a result of changing the basis of allocating total divisional salaries and wages among the division's three sections.

For 1978 the Water Department has adopted the standard City system of object codes, but for previous years such line item amounts are not available. However, the 1978 combined contractual services and commodities total of $345,870 represents an increase of $17,120 (5.2 percent) over the similar 1977 amount. This increase is due primarily to higher rates for electricity used in pumping. The account 295 allocation of $13,100 provides for vehicle expense.

Capital Outlay for this operation is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 66,845	$ 64,647	$ 84,778
120 Employee Claims			
TOTAL PERSONAL SERVICES	$ 66,845	$ 64,647	$ 84,778
CONTRACTUAL SERVICES			
210 Utilities			$ 243,420
220 Communications			750
230 Transportation			
240 Advertising			
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			
295 Other Contractual Services			13,100
TOTAL CONTRACTUAL SERVICES			$ 257,270
COMMODITIES			
310 Office Supplies			$
320 Clothing and Linen			
330 Food, Drugs & Chemicals			50
340 Opr. Supplies - Buildings & Improvements			57,500
350 Repair Parts - Buildings & Improvements			8,000
360 Operating Supplies - Equipment			450
370 Repair Parts - Equipment			22,100
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			
395 Other Commodities			500
TOTAL COMMODITIES			$ 88,600
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$
SUB-TOTAL	$ 66,845	$ 64,647	$ 430,648
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$ 342,562	$ 328,750	
GRAND TOTAL	$ 409,407	$ 393,397	$ 430,648

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION & PUMPING (Source of Supply)	589-80-800-50000 GATA 5

WORK PROGRAM

The Source of Supply section of the Production and Pumping Division operates the Equus Bed Beds Wellfield, Cheney Reservoir and the lines transporting water from these two sources to the City.

From the primary source, the wellfield located near Halstead, some 25 miles northwest of Wichita, this section is responsible for pumping a daily average of approximately 27 million gallons. The section operates and maintains 55 wells, a chlorinating station and a collecting network of water lines. Wellfield water is transported to Wichita through two transmission mains, one 48-inches and the other 66-inches in diameter.

At Cheney Reservoir, this section operates and maintains the dam, a pumping station and pretreatment equipment. This secondary source provides an average of about 13 million gallons each day.

This section operates and maintains both sources in accordance with standards set by responsible State and Federal agencies.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Employees listed on Treatment section page						
Amount Charged from Treatment section					$ 64,647	$ 84,778
TOTAL					$ 64,647	$ 84,778
First Quarter						$ 22,212
Second Quarter						19,584
Third Quarter						23,568
Fourth Quarter						19,414
TOTAL						$ 84,778

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION AND PUMPING (PUMPING)	589-80-760-50000 GATB 5

BUDGET COMMENTS

The 1978 Budget for this section of the Production and Pumping Division represents an increase of $94,937 over the 1977 amount.

Personal Services have increased $35,562, primarily due to alteration of the basis of allocating divisional salaries and wages among the division's three sections.

For 1978 the Water Department has adopted the Standard City System of object codes, but for previous years, line item amounts are not available. However, the 1978 combined contractual services and commodities total of $320,100 represents an increase of $59,375 (22.8 percent). The primary cause of this increase is higher electricity rates. The account 295 allocation of $1,150 provides for vehicle expense ($850) and trash pick up service ($300).

Capital Outlay for this operation is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages 120 Employee Claims	$ 34,828	$ 28,565	$ 64,127
TOTAL PERSONAL SERVICES	$ 34,828	$ 28,565	$ 64,127
CONTRACTUAL SERVICES			
210 Utilities			$302,950
220 Communications			2,800
230 Transportation			
240 Advertising			
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			
295 Other Contractual Services			1,150
TOTAL CONTRACTUAL SERVICES			$306,900
COMMODITIES			
310 Office Supplies			$
320 Clothing and Linen			
330 Food, Drugs & Chemicals			
340 Opr. Supplies - Buildings & Improvements			3,450
350 Repair Parts - Buildings & Improvements			2,500
360 Operating Supplies - Equipment			200
370 Repair Parts - Equipment			6,800
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			250
395 Other Commodities			
TOTAL COMMODITIES			$ 13,200
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY	$	$	$
SUB-TOTAL	$ 34,828	$ 28,565	$384,227
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$282,560	$260,725	
GRAND TOTAL	$317,388	$289,290	$384,227

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION & PUMPING (PUMPING)	589-80-760-50000 GATB 5

WORK PROGRAM

The Pumping Section of the Production and Pumping Division operates and maintains the Robert H. Hess High Service Pump Station, three elevated water storage tanks and two booster pump stations. The all-electric Hess Pump Station is remotely controlled from the treatment plant and pumps approximately 40 million gallons of water to customers each day. This section maintains water pressure at approximately 90 pounds per square inch, in order to assist City firefighting capability.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Employees listed on Treatment section page						
Amount Charged from Treatment Section					$ 28,565	$ 64,127
TOTAL					$ 28,565	$ 64,127
First Quarter						$ 16,801
Second Quarter						14,813
Third Quarter						17,828
Fourth Quarter						14,685
TOTAL						$ 64,127

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION & PUMPING (TREATMENT)	589-80-880-50000 GATC 5

BUDGET COMMENTS

The adopted 1978 budget for this section of the Production and Pumping Division reflects an increase of $75,484 (8.6 percent) over the 1977 amount.

Personal Services have decreased $13,386, due to alteration of the basis of allocating total divisional salaries and wages among the division's three sections. Total divisional salaries and wages ($543,448), shown on the personnel page for this section have increased $42,307 (8.4 percent) over the 1977 amount.

For 1978 the Water Department has adopted the standard City system of object codes, but for previous years such line item amounts are not available. However, the combined contractual services and commodities total for 1978 of $560,642 represents an increase of $88,870 (18.8 percent) over the corresponding 1977 amount. This increase is primarily due to higher cost of chemicals. The account 295 allocation of $15,342 provides for vehicle expense ($9,550), trash service ($300), and data processing ($5,492).

Capital Outlay for this section is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages 120 Employee Claims	$319,421	$407,929	$394,543
TOTAL PERSONAL SERVICES	$319,421	$407,929	$394,543
CONTRACTUAL SERVICES			
210 Utilities			$ 56,000
220 Communications			4,600
230 Transportation			
240 Advertising			1,700
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			1,600
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			
295 Other Contractual Services			15,342
TOTAL CONTRACTUAL SERVICES			$ 79,242
COMMODITIES			
310 Office Supplies			$ 600
320 Clothing and Linen			1,750
330 Food, Drugs & Chemicals			8,400
340 Opr. Supplies - Buildings & Improvements			373,500
350 Repair Parts - Buildings & Improvements			32,750
360 Operating Supplies - Equipment			8,600
370 Repair Parts - Equipment			54,900
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			900
395 Other Commodities			
TOTAL COMMODITIES			$481,400
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$
SUB-TOTAL	$319,421	$407,929	$955,185
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$388,803	$471,772	
GRAND TOTAL	$708,224	$879,701	$955,185

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	PRODUCTION AND PUMPING (TREATMENT)	589-80-880-50000 GATC 5

WORK PROGRAM

The Treatment Section of the Production and Pumping Division treats water so that it meets standards set by State and Federal agencies before it is transported to customers. Water is chlorinated for health reasons, filtered for both health and aesthetic reasons and softened to increase its usability. Water takes about one-half day on the average to flow through the treatment facility.

This section also operates a laboratory that conducts tests of water before treatment, during various stages of the treatment process and after treatment has been completed. Both automated and manual samples are taken, and then various analyses of chemical and bacteriological quality are performed, in order to ensure that standards set by State and Federal agencies are met. The laboratory also performs sampling and analyses for Water Pollution Control.

This section operates the lime slurry thickener and is continuing efforts to properly dispose of lime slurry.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Chief Engineer - Water Production and Pumping	1	1	1	1598-2254	$ 23,992	$ 26,238
Water Systems Supervisor	1	1	1	1202-1598	15,148	15,104
Laboratory Supervisor	1	1	1	1202-1598	16,541	15,920
Water Maintenance Supervisor	1	1	1	1073-1426	15,658	17,108
Water Supply Supervisor	2	2	2	1073-1426	29,601	32,752
Water Production Maintenance Supv.	1	1	1	1073-1426	15,658	17,108
Water Chemist	2	2	2	958-1272	23,405	24,990
Chief Mechanic	3	3	3	906-1202	36,746	39,600
Electrician II	1	1	1	906-1136	9,653	11,379
Water Systems Operator II	5	5	5	810-1014	58,706	64,380
Electrician I	3	3	3	810-1014	32,259	35,421
Maintenance Mechanic	7	8	9	810-1014	85,511	102,747
Laboratory Technician	4	4	4	724-958	34,816	38,727
Water Systems Operator I	3	1	0		10,254	
Equipment Operator II	1	3	3	765-906	18,919	30,541
Maintenance Worker	4	4	4	685-810	31,938	34,999
Custodial Worker II	1	1	1	685-810	8,375	8,706
Laboratory Technician (PT-50%)	2	2	0		8,556	
Custodial Worker I (PT-50%)	2	2	2	613-724	7,809	7,690
Water Utility Worker I (Seasonal)	5	5	5	648-765	8,458	8,966
Sub-Total	50	51	49		$492,003	$532,376
Add: Longevity					$ 9,138	8,742
Shift Differential						2,330
Sub-Total					$501,141	$543,448
Less: Charged to Source of Supply					$(64,647)	$(84,778)
Charged to Pumping					(28,565)	(64,127)
TOTAL					$407,929	$394,543
Full-Time Equivalent	44.25	45.25	44.25			
First Quarter						$103,370
Second Quarter						91,139
Third Quarter						109,684
Fourth Quarter						90,350
TOTAL						$394,543

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	TRANSMISSION AND DISTRIBUTION	589-80-840-50000 GATD 5

BUDGET COMMENTS

The adopted 1978 budget for this division shows an decrease of $92,450 below the 1977 amount, due largely to necessary changes in methods of budgeting and accounting for charges to Capital Improvement projects.

Personal Services have decreased $140,585, due to the net effect of shift differential pay, reclassifications and additional positions ($5,379), and a larger amount being budgeted as charged to construction.

For 1978 the Water Department is converting to the standard City system of object codes, but for previous years such line item amounts are not availble. However, the 1978 combined contractual services and commodities total of $318,055 represents an increase of $48,135 (17.8 percent) over the corresponding 1977 amount. The account 295 allocation provides for vehicle expense.

Capital Outlay items for this operation are budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages 120 Employee Claims	$285,832	$354,894	$214,309
TOTAL PERSONAL SERVICES	$285,832	$354,894	$214,309
CONTRACTUAL SERVICES			
210 Utilities			$ 5,500
220 Communications			1,875
230 Transportation			
240 Advertising			4,650
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			
295 Other Contractual Services			57,970
TOTAL CONTRACTUAL SERVICES			$ 69,995
COMMODITIES			
310 Office Supplies			$ 4,750
320 Clothing and Linen			360
330 Food, Drugs & Chemicals			
340 Opr. Supplies - Buildings & Improvements			7,550
350 Repair Parts - Buildings & Improvements			217,750
360 Operating Supplies - Equipment			200
370 Repair Parts - Equipment			7,700
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			9,750
395 Other Commodities			
TOTAL COMMODITIES			$248,060
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$
SUB-TOTAL	$285,832	$354,894	$532,364
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$241,927	$269,920	
GRAND TOTAL	$527,759	$624,814	$532,364

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	TRANSMISSION AND DISTRIBUTION	589-80-840-50000 GATD 5

WORK PROGRAM

The Transmission and Distribution Division installs and maintains the distribution lines that carry water from the pumping station to customers.

The division maintains more than 1,140 miles of water distribution lines, including all the valves and related equipment within the system. Approximately 400 breaks occur each year, requiring emergency repairs. In addition to emergency repair activity, this division implements an extensive preventive maintenance program that consists primarily of replacement and relocation of old or inadequate lines. This division also extends service lines to individual new customers, and performs routine, preventive, and emergency maintenance on service lines. A meter repair shop tests and repairs meters as dictated by a 13-year test/repair program.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Chief Engineer - Water Transmission and Distribution	1	1	1	1598-2254	$ 23,992	$ 26,238
Water Service Supervisor	1	1	1	1073-1426	15,658	17,108
Water Mains Supervisor	1	1	1	1073-1426	13,520	15,169
General Supervisor	0	0	7	906-1136		88,413
Water Meter Shop Supervisor	1	1	0		12,147	
Water Utility Supervisor	5	6	0		66,608	
Radio Dispatcher	1	1	1	765-1014	10,849	10,941
Special Water Service Representative	2	2	2	724-958	19,991	20,885
Water Service Representative	1	1	1	685-906	10,254	9,051
Water Meter Mechanic	4	4	4	685-906	40,650	43,477
Equipment Operator II	9	10	10	765-906	98,198	102,988
Water Utility Worker III	9	10	10	724-856	83,887	92,637
Water Meter Shop Clerk	1	0	0			
Water Utility Worker II	5	6	6	685-810	48,086	52,101
Custodial Worker II	1	1	1	685-810	9,164	8,631
Water Utility Worker I	6	7	7	648-765	54,613	58,008
Water Utility Worker I (Seasonal)	4	4	7	648-765	6,767	13,291
Sub-Total	52	56	59		$514,384	$558,938
Add: Longevity					8,510	8,516
Shift Differential						312
Less: Amount Charged to Capital Improvements					(168,000)	(353,457)
TOTAL					$354,894	$214,309
Full-Time Equivalent	49	53	53.75			
First Quarter						$ 53,792
Second Quarter						50,148
Third Quarter						61,721
Fourth Quarter						48,648
TOTAL						$214,309

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	WATER ENGINEERING	589-80-720-50000 GATE 5

BUDGET COMMENTS

The adopted 1978 budget for this division has decreased $34,024 below the 1977 acount, due to changes in the methods of budgeting and accounting for charges to construction projects.

Personal Services have decreased $35,324, due to a larger amount budgeted as charged to construction projects.

For 1978 the Water Department has converted to the standard City system of object codes, but for previous years such account detail is not available. However, the combined total of contractual services and commodities for 1978 of $11,500 represents an increase of $1,300 (12.7 percent) over the corresponding 1977 amount. The account 295 allocation provides $4,100 for vehicle expense (4,000) and property abstracts ($100).

Capital Outlay for this division is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages 120 Employee Claims	$119,928	$144,103	$108,779
TOTAL PERSONAL SERVICES	$119,928	$144,103	$108,779
CONTRACTUAL SERVICES			
210 Utilities			$
220 Communications			1,200
230 Transportation			
240 Advertising			
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			
295 Other Contractual Services			4,100
TOTAL CONTRACTUAL SERVICES			$ 5,300
COMMODITIES			
310 Office Supplies			$ 6,100
320 Clothing and Linen			
330 Food, Drugs & Chemicals			
340 Opr. Supplies - Buildings & Improvements			
350 Repair Parts - Buildings & Improvements			
360 Operating Supplies - Equipment			
370 Repair Parts - Equipment			
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			
395 Other Commodities			100
TOTAL COMMODITIES			$ 6,200
CAPITAL OUTLAY			
410 Land			
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			
SUB-TOTAL	$119,928	$144,103	$120,279
Add: 1976 and 1977 Material (Contractual Services and Commodities)	10,369	10,200	
GRAND TOTAL	$130,297	$154,303	$120,279

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	WATER ENGINEERING	589-80-720-50000 GATE5

WORK PROGRAM

The Water Engineering Division supplies all engineering services required for design of water main extension and replacement. This division provides design estimates to customers requesting main extensions in order to connect with the City water supply. In addition to providing the design, this division actually inspects work performed to ensure that design specifications have been adhered to. This division also maintains all engineering records for the water system.

POSITION TITLE	EMPLOYEES 1976	BUDGET 1977	BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Chief Engineer - Water Engineering	1	1	1	1598-2254	$ 25,539	$ 26,993
Civil Engineer III	1	1	1	1426-1898	20,286	22,773
Civil Engineer II	1	1	1	1347-1792	20,286	21,503
Civil Engineer I	1	1	1	1202-1598	15,018	16,853
Engineering Technician II	1	1	1	958-1272	13,606	15,201
Engineering Technician I	2	2	2	906-1202	26,462	28,785
Engineering Aide III	2	2	2	856-1136	20,998	22,406
Chief Water Pipeline Construction Inspector	1	1	1	810-1073	12,147	12,876
Water Pipeline Construction Inspector	4	4	4	765-1014	45,650	48,672
Sub-Total	14	14	14		$199,992	$216,062
Add: Longevity					4,111	4,657
Less: Amount Charged to Capital Improvements					(60,000)	(111,940)
TOTAL					$144,103	$108,779
Full-Time Equivalent	14	14	14			
First Quarter						$ 29,044
Second Quarter						25,074
Third Quarter						29,479
Fourth Quarter						25,182
TOTAL						$108,779

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	CUSTOMER SERVICE	589-80-680-50000 GATF 5

BUDGET COMMENTS

The adopted 1978 budget for this division has increased $88,462 over the 1977 amount.

Personal Services have increased $52,777 (9.4 percent), due to the net effect of the addition of shift differential pay ($1,166), an additional Water Meter Reader position and an additional Water Service Representative position ($16,900), the reclassifications of a Water Meter Reader Supervisor position and a Customer Services Supervisor position to Administrative Aide III positions, and of an amount budgeted as charged to capital improvement construction ($5,800).

For 1978 the Water Department has converted to the standard City system of object codes, but for previous years such account detail is not available. However, the combined total of contractual services and commodities for 1978 of $550,252 represents an increase of $35,685 (6.9 percent) over the corresponding 1977 amount. This increase is due primarily to increased data processing expense. The $339,087 allocated in account 295 provides for data processing ($296,439), vehicle expense ($35,448) and collection commissions ($7,200).

Capital Outlay is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 519,303	$ 563,056	$ 615,833
120 Employee Claims			
TOTAL PERSONAL SERVICES	$ 519,303	$ 563,056	$ 615,833
CONTRACTUAL SERVICES			
210 Utilities			$ 2,500
220 Communications			6,324
230 Transportation			130
240 Advertising			
250 Insurance			
260 Dues and Subscriptions			
270 Professional Services			
280 Maint. of Bldgs & Improvements			
292 Collection Losses			36,000
295 Other Contractual Services			339,087
TOTAL CONTRACTUAL SERVICES			$ 384,041
COMMODITIES			
310 Office Supplies			$ 161,949
320 Clothing and Linen			2,750
330 Food, Drugs & Chemicals			
340 Opr. Supplies - Buildings & Improvements			
350 Repair Parts - Buildings & Improvements			300
360 Operating Supplies - Equipment			
370 Repair Parts - Equipment			
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			632
395 Other Commodities			580
TOTAL COMMODITIES			$ 166,211
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$
SUB-TOTAL	$ 519,303	$ 563,056	$1,166,085
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$ 425,664	$ 514,567	
GRAND TOTAL	$ 944,967	$1,077,623	$1,166,085

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	CUSTOMER SERVICE	589-80-680-50000 GATF 5

WORK PROGRAM

The Customer Services Division receives all requests from the public for service, reads all water meters, inspects for leaks, bills all customers for service provided, performs special customer service tasks, and is responsible for accurately keeping all customer accounts. This division also performs accounting, payroll and clerical functions for the other divisions within the department, such as purchase order processing, work order processing, maintenance of inventory records and development of the annual financial audit.

POSITION TITLE	EMPLOYEES 1976	BUDGET 1977	BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Manager, Water Customer Services	1	1	1	1347-1898	$ 20,999	$ 22,771
Accountant III	1	1	1	1136-1509	17,087	18,113
Administrative Aide III	0	0	2	958-1272		27,183
Water Meter Reading Supervisor	1	1	0		13,202	
Accountant I	1	1	1	856-1136	12,202	13,627
Customer Service Supervisor	1	1	0		11,140	
Storekeeper III	1	1	1	765-1014	11,043	10,869
Special Water Service Representative	4	4	4	724-958	43,396	46,000
Storekeeper II	1	1	1	685-906	8,375	9,165
Customer Service Clerk	4	4	4	685-906	37,469	39,497
Account Clerk II	3	3	3	685-906	27,897	30,650
Water Meter Reader	16	16	17	685-906	158,826	177,398
Water Service Representative	9	9	10	685-906	81,756	96,816
Water Meter Shop Clerk	0	1	1	648-856	8,520	9,551
Secretary	1	1	1	648-906	7,717	8,649
Account Clerk I	2	2	2	613-810	17,016	18,515
Clerk II	7	8	8	549-724	55,525	60,273
Typist Clerk	1	2	2	519-685	12,968	13,097
Clerk I	3	1	1	492-648	6,935	6,166
Sub-Total	57	58	60		$552,073	$608,340
Add: Longevity					$ 10,983	$ 12,127
Shift Differential						1,166
Less: Amount Charged to Capital Improvements						(5,800)
TOTAL					$563,056	$615,833
Full-Time Equivalent	57	58	60			
First Quarter						$164,427
Second Quarter						141,642
Third Quarter						166,891
Fourth Quarter						142,873
TOTAL						$615,833

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	ADMINISTRATION	589-80-580-50000 GATG 5

BUDGET COMMENTS

The Administration Division's budget not only provides for expenses of the division itself, but also includes general administrative costs for the operation of the Water Utility, such as employee benefits, public information projects, insurance, intergovernmental activity, administrative services and the annual financial report.

Amounts shown for the 1978 budget are not directly comparable to previous years. Due to the Water Department converting to the standard City system of object codes for 1978, such line item detail is not available for previous years. Totals are not comparable because of changes required in methods of budgeting and accounting for charges to capital improvement construction projects.

The transportation allocation includes the department director's car allowance ($1,800) and all departmental travel expense ($3,695). Account 295 provides for taxes ($100), departmental office rental ($47,725) and vehicle expense clearing ($5,000).

Capital Outlay for this division is budgeted within the Water Utility Improvement Fund.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 75,024	$ 78,474	$ 72,817
121 Employee Benefits	396,073	431,869	515,774
TOTAL PERSONAL SERVICES	$ 471,097	$ 510,343	$ 588,591
CONTRACTUAL SERVICES			
210 Utilities			$
220 Communications			1,080
230 Transportation			5,495
240 Advertising			900
250 Insurance			108,100
260 Dues and Subscriptions			14,405
270 Professional Services			37,300
280 Maint. of Bldgs & Improvements			
290 Maintenance of Equipment			500
295 Other Contractual Services			52,825
TOTAL CONTRACTUAL SERVICES			$ 220,605
COMMODITIES			
310 Office Supplies			$ 11,200
320 Clothing and Linen			
330 Food, Drugs & Chemicals			
340 Opr. Supplies - Buildings & Improvements			
350 Repair Parts - Buildings & Improvements			
360 Operating Supplies - Equipment			
370 Repair Parts - Equipment			500
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			
395 Other Commodities			750
TOTAL COMMODITIES			$ 12,450
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$
SUB-TOTAL	$ 471,097	$ 510,343	$ 821,646
550 - Administrative Services			$ 97,300
Add: 1976 and 1977 Material (Contractual Services and Commodities)	$ 122,277	$ 203,392	
GRAND TOTAL	$ 593,374	$ 713,735	$ 918,946

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	ADMINISTRATION	589-80-580-50000 GATG 5

WORK PROGRAM

The Administration Division supervises all operations of the Water Utility, is responsible for the financial administration of the Sewer Utility and supervises operation of the Water Pollution Control plants. For 1978 this division will maintain the fiscal conditions of both utilities, and their certifications with State and Federal agencies and with bondholders. The cross connection control program will continue, with the Health Department serving as regulating agency. For 1978 this division will give special attention to the proposed Corbin Reservoir project and to the development of future water supply sources.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Director of Water and Water Pollution Control	1	1	1	2128-3006	$ 32,128	$ 35,728
Hydrologist	1	1	1	1347-1792	19,330	21,503
Executive Assistant	1	1	1	1073-1426	13,668	15,713
Management Trainee	1	1	1	856-1136	10,189	10,893
Administrative Secretary	1	1	1	724-958	10,529	11,500
Sub-Total	5	5	5		$ 85,844	$ 95,337
Add: Longevity					662	839
Less: Net Amount Charged to Water Pollution Control					(8,032)	(7,074)
Amount Charged to Capital Improvements						(16,285)
TOTAL					$ 78,474	$ 72,817
Full-Time Equivalent	5	5	5			
First Quarter						$ 19,370
Second Quarter						16,675
Third Quarter						19,806
Fourth Quarter						16,966
TOTAL						$ 72,817

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
WATER UTILITY	WATER	UTILITY IMPROVEMENT FUND	587-80 GET

SUMMARY OF UTILITY IMPROVEMENT FUND

CAPITAL IMPROVEMENTS

Type of Improvement	1978 Budget
Structures and Improvements	$ 131,000
Distribution Mains and Accessories	992,431
Services	273,600
Meters	385,975
Office Equipment and Furniture	300
Transportation Equipment	81,000
Tools and Work Equipment	75,500
TOTAL	$1,939,806

SEWER UTILITY FUND SUMMARY

	Actual 1976	Estimated 1977	Estimated 1978
Unencumbered Cash Balance, January 1	$2,353,612	$2,382,967	$1,278,734
Revenues			
Sewer Service Collections	$3,194,987	$3,192,222	$3,325,000
Outside City Sewage Charges	204,814	200,000	205,000
Sewer Permits	24,619	21,000	21,000
Interest	141,426	100,000	150,000
Sewer Taps and Wyes	19,485	15,000	15,000
Chrome Waste Treatment	1,792	1,500	1,500
Special Assessments	(137)		
Federal Contributions and Other	64,400		
Total - Operating Revenues	$3,651,386	$3,529,722	$3,717,500
Total Revenues and Cash Balance	$6,004,998	$5,912,689	$4,996,234
Expenditures			
Water Pollution Control	$ 709,714	$ 751,880	$ 971,988
Sanitary Sewer Maintenance	717,210	855,594	1,035,156
Admin., Management & Legal Services	386,260	385,255	414,477
Emergency Fund	1,900	20,000	20,000
Employee Benefits	206,660	217,226	288,882
Revenue Refunds	40,536	20,000	20,000
Sub-Total	$2,062,280	$2,249,955	$2,750,503
Debt Service	1,559,751	1,459,000	1,340,000
Total Expenditures	$3,622,031	$3,708,955	$4,090,503
Utility Improvement Fund	$	$ 925,000	$ 905,731
Unencumbered Cash Balance, December 31	$2,382,967	$1,278,734	$ 0

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
SEWER UTILITY	WATER	WATER POLLUTION CONTROL	576-80-990-50310 GJTH531

BUDGET COMMENTS

The adopted 1978 budget for the Water Pollution Control Division has increased $220,108 over the 1977 amount. In large part this increase is due to the new sludge dewatering facility.

Personal Services have increased $90,997. Six positions have been added, primarily for operation and maintenance of the sludge dewatering facility ($56,833). Partially offsetting this increase is the deletion of two seasonal and one part-time position, in a reorganization associated with the addition of the new facility. Shift differential pay ($2,330) is budgeted for the first time in 1978.

Contractual Services have increased $51,521 (16.5 percent), in large part due to added expenses associated with the new dewatering facility. Account 210 has increased both due to higher electricity rates and the electricity requirements for sludge dewatering. Account 295 includes motor pool rental ($1,800), equipment rental ($45,165), laboratory services ($41,800), and various maintenance services, such as application of protective coatings and rental of special equipment ($24,631).

Commodities have increased $81,980, primarily due to chemicals used in sludge dewatering (account 340) and other associated expenses. Capital Outlay totalling $2,300 is allocated for purchase of a gas meter ($2,000) and lawn trimmer ($300).

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 328,750	$ 360,208	$ 451,205
120 Employee Claims			
TOTAL PERSONAL SERVICES	$ 328,750	360,208	451,205
CONTRACTUAL SERVICES			
210 Utilities	$ 128,485	$ 131,600	$ 174,200
220 Communications	852	990	1,110
230 Transportation	761	1,200	1,245
240 Advertising	72		100
250 Insurance	8,452	8,960	9,960
260 Dues and Subscriptions	1,963	992	992
270 Professional Services	21	250	250
280 Maint. of Bldgs & Improvements	35,576	63,650	43,250
290 Maintenance of Equipment	24,010	16,900	19,700
295 Other Contractual Services	90,130	88,140	113,396
TOTAL CONTRACTUAL SERVICES	$ 290,322	$ 312,682	$ 364,203
COMMODITIES			
310 Office Supplies	$ 1,262	$ 1,600	$ 1,600
320 Clothing and Linen	1,095	1,000	875
330 Food, Drugs & Chemicals	803	750	1,150
340 Opr. Supplies - Buildings & Improvements	14,084	16,000	90,875
350 Repair Parts - Buildings & Improvements	4,594	4,300	4,300
360 Operating Supplies - Equipment	4,875	5,250	6,750
370 Repair Parts - Equipment	62,186	41,400	45,730
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools	1,743	2,000	3,000
395 Other Commodities			
TOTAL COMMODITIES	$ 90,642	$ 72,300	$ 154,280
CAPITAL OUTLAY			
410 Land	$	$	$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment		850	
450 Vehicular Equipment			
460 Operating Equipment		5,840	2,300
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY	$	$ 6,690	$ 2,300
SUB-TOTAL	$ 709,714	$ 751,880	$ 971,988
GRAND TOTAL	$ 709,714	$ 751,880	$ 971,988

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
SEWER UTILITY	WATER	WATER POLLUTION CONTROL	576-80-990-50310 GJTH531

WORK PROGRAM

The Water Pollution Control Division, an operating division of the Water Department funded entirely from the Sewer Utility, operates and maintains the Sewage treatment plants.

All raw sewage entering the sewer system receives primary treatment at either Plant No. 1, constructed in 1931, or Plant No. 2, constructed in 1960. All sewage receives Secondary treatment at Plant No. 2, regardless of its point of entry into the system.

During 1978 this division will continue to maintain an 85 percent reduction in biochemical oxygen demand (BOD) and suspended solids in treated waste water. Discharge effluent will be maintained at a monthly average of less than 30 mg/l BOD and suspended solids, in accordance with Federal Standards. A sludge dewatering facility will begin full operation at Plant No. 2 during early 1978. The facility will shorten time required to properly prepare sludge for landfill disposal from two to three years to only one day.

POSITION TITLE	EMPLOYEES 1976	BUDGET 1977	BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Superintendent of WPC	1	1	1	1598-2254	$ 24,944	$ 27,052
WPC Operations Supervisor	1	1	1	1134-1508	18,092	19,178
WPC Maintenance Supervisor	1	1	1	1012-1345	15,658	17,108
General Supervisor	2	2	3	906-1136	25,711	37,826
WPC Plant Operator	13	13	16	810-1073	145,624	189,814
Maintenance Mechanic	2	2	4	765-1014	21,732	43,984
Equipment Operator II	1	1	2	765-906	9,107	19,725
Maintenance Worker	1	1	1	685-810	17,058	10,275
Custodial Worker II	2	2	2	685-810	9,164	27,310
Equipment Operator I	2	2	2	685-810	16,427	26,531
Secretary	1	1	1	648-906	9,347	9,069
Laborer I	3	3	3	648-765	22,644	8,341
Laborer I (seasonal)	2	2	0		7,612	
Custodial Worker I (P.T. - 50%)	1	1	0		3,635	
Sub-Total	33	33	37		$ 346,755	$ 436,213
Add: Longevity					5,421	5,588
Shift Differential						2,330
Net Amount charged from Water Administration					8,032	7,074
TOTAL					$ 360,208	$ 451,205
Full-Time Equivalent	31	31	37			
First Quarter						$ 120,337
Second Quarter						103,522
Third Quarter						122,258
Fourth Quarter						105,088
TOTAL						$ 451,205

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
SEWER UTILITY	WATER	MAINTENANCE (SANITARY SEWER)	576-80-325-50320 GJKR532

BUDGET COMMENTS

The 1978 budget for this function reflects an increase of $179,562 over the 1977 amount.

Personal Services have increased $55,461 (8.7%), in part due to adding shift differential pay ($786) and increased charges for administrative services ($1,234).

Contractual Services have increased $71,930. Utilities increased $11,772 due to higher rates. Vehicle liability insurance is budgeted at $3,192. Account 295 includes: data processing, ($2,952); equipment rental ($162,445); motor pool ($2,318); Central Maintenance Facility ($22,999); copy machine rent ($630), timeclock service ($50), and railroad lease ($20).

Commodities have increased $9,193. Increased costs for most materials are partially offset by economies in chemicals (Account 330).

Capital Outlay totals $35,403. Account 450 funds an additional pickup ($3,500). Account 460 provides (1) $19,381 to partially fund the city share of an electronic alarm system to replace existing alarms (Federal grant to fund 75%), (2) $12,337 for a portable generator for emergency pumping, and (3) $185 to replace a metal detector.

This budget includes 85% of the total cost of the sewer maintenance function. Total line item allocations are split between the Sanitary and Storm Sewer Maintenance budgets on basis of workload, previous expenditures, or specific programs.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages 120 Employee Claims	$532,679	$637,422	$ 692,883
TOTAL PERSONAL SERVICES	$532,679	$637,422	$ 692,883
CONTRACTUAL SERVICES			
210 Utilities	$ 19,885	$ 21,777	$ 33,549
220 Communications	5,074	3,523	3,848
230 Transportation	808		
240 Advertising	13		
250 Insurance			3,192
260 Dues and Subscriptions	21		
270 Professional Services			
280 Maint. of Bldgs & Improvements	898		
290 Maintenance of Equipment	240	185	
295 Other Contractual Services	132,181	134,588	191,414
TOTAL CONTRACTUAL SERVICES	$159,120	$160,073	$ 232,003
COMMODITIES			
310 Office Supplies	$ 1,211	$ 899	$ 1,280
320 Clothing and Linen	1,554	2,100	2,300
330 Food, Drugs & Chemicals	8,855	25,830	20,094
340 Opr. Supplies - Buildings & Improvements	571	225	300
350 Repair Parts - Buildings & Improvements	26,699	21,300	33,840
360 Operating Supplies - Equipment	7,999	10,745	11,740
370 Repair Parts - Equipment	82		168
380 Operating Supplies - Construction	28		
390 Minor Apparatus and Tools	3,770	4,575	5,145
395 Other Commodities			
TOTAL COMMODITIES	$ 50,769	$ 65,674	$ 74,867
CAPITAL OUTLAY			
410 Land	$	$	$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment		9,600	3,500
460 Operating Equipment		825	31,903
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY	$	$ 10,425	$ 35,403
SUB-TOTAL	$742,568	$873,594	$1,035,156
Less: Reimbursed Expenditures	(25,358)	(18,000)	
GRAND TOTAL	$717,210	$855,594	$1,035,156

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
SEWER UTILITY	WATER	MAINTENANCE (Sanitary Sewer)	576-80-325-50320 GJKR532

WORK PROGRAM

This division maintains more than 1,200 miles of Sanitary Sewer laterals and mains. The sanitary sewer system is divided into north and south zones by Douglas Avenue. Each zone operates a program consisting of inspections, high pressure water cleaning, rodding, lift station maintenance, pipe and manhole maintenance, and operations necessary to meet emergency maintenance needs.

FOR 1978 THE PROGRAM will continue the rodding, televising and grouting crews, and will add an additional second-shift emergency crew, using a new pickup truck and existing personnel. Increased emphasis will be given to televising new construction, as a means of preventing problems from developing. The overall goal of the preventative maintenance activities is to eliminate infiltration of ground water into the system, and thereby maintain adequate sewage flow throughout the system and reduce the volume of raw sewage transported to the treatment plants.

IMPROVEMENTS FOR 1978 include: (1) Addition of one pickup truck to allow formation of another emergency crew with existing personnel, thus enabling quicker response to emergencies, and (2) Acquisition of an electronic, computer-assisted alarm system, enabling more efficient responses to emergency situations.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Senior Engineer	1	1	1	1426-1898	$ 20,286	$ 22,479
Sewer Maintenance Supervisor	1	1	1	1202-1598	18,092	19,178
Sewer Inspector	2	2	2	856-1136	25,085	27,254
General Supervisor	1	1	1	856-1136	12,856	13,627
Administrative Aide II	1	1	1	856-1136	12,692	13,627
Engineering Aide III	1	1	1	856-1136	11,813	12,876
T.V. Technician	4	4	4	810-1073	43,437	47,458
Labor Supervisor	2	2	2	810-1014	22,692	24,336
Maintenance Mechanic	1	1	1	810-1014	11,310	12,168
Lift Station Operator	2	2	2	724-958	21,498	23,000
Equipment Operator II	23	24	24	765-906	222,605	246,981
Engineering Aide I	1	1	1	648-856	9,049	9,865
Equipment Operator I	21	21	21	685-810	172,420	187,400
Laborer I	16	16	16	648-765	125,670	132,704
Sub-Total	77	78	78		$729,505	$792,953
Add: Shift Differential					$	$ 936
Longevity					8,768	8,940
Charge-Street Maintenance					12,011	12,964
Charge-Public Works Admin.					8,552	9,068
Less: Charge-Storm Sewer (16%)					(121,414)	(131,978)
Total					$637,422	$692,883
Full-Time Equivalent	77	78	78			
First Quarter						$184,437
Second Quarter						159,947
Third Quarter						186,891
Fourth Quarter						161,008
Total						$692,883

FORM 22-003 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
SEWER UTILITY	WATER	ACCOUNTING DIVISIONS	576-80 GJGB

CHARGES FOR ADMINISTRATIVE, MANAGEMENT AND LEGAL SERVICES - 576-80-700-50330

	Actual 1976	Budget 1977	Budget 1978
TOTAL (Contractual Services)	$ 386,260	$ 385,255	$ 414,477

The total 1978 budgeted amount of $404,116 is allocated as follows:

Water Department	$336,919
Controller's Office	18,060
Budget and Management	2,828
Purchasing	7,208
Retirement and Insurance	444
Treasury	32,300
City Manager's Office	4,310
City Clerk	1,990
Personnel	8,348
Department of Law	2,070
TOTAL 1978 CHARGES	$414,477

EMERGENCY FUND - 576-80-700-50350

	Actual 1976	Budget 1977	Budget 1978
TOTAL EMERGENCY FUND	$ 1,900	$ 20,000	$ 20,000

Unforeseen circumstances may arise that will require major repairs to sanitary sewer systems and sewage treatment facilities. Such repairs are usually of an emergency nature and are unpredictable as to cost. These situations are difficult to adequately anticipate in order to budget for them in the Water Pollution Control and Sanitary Sewer Maintenance budgets. Therefore, in the event emergency or other unbudgeted repairs are necessary, this $20,000 is available, subject to the City Manager's approval.

EMPLOYEE BENEFITS - 576-80-700-50360

	Actual 1976	Budget 1977	Budget 1978
TOTAL EMPLOYEE BENEFITS	$ 206,660	$ 217,226	$ 288,882

SEWER UTILITY DEBT SERVICE - 576-80-660-70340

	Actual 1976	Budget 1977	Budget 1978
TOTAL DEBT SERVICE	$1,559,751	$1,459,000	$1,340,000

REVENUE REFUNDS - 576-80-700-50390

	Actual 1976	Budget 1977	Budget 1978
TOTAL REVENUE REFUNDS	$ 40,536	$ 20,000	$ 20,000

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
REFUSE COLLECTION UTILITY	PUBLIC WORKS	ALL	571-76-315-50000 GLKX500

SUMMARY OF REVENUES AND EXPENDITURES

The 1978 budget allows for the continuance of the same number of routes as operated in 1977. These consist of 23 residential, 3 commercial, 1 special, 1 Dempster container and 1 transfer trailer route.

Revenues	Actual 1976	Estimated 1977	Estimated 1978
Unencumbered Cash Balance, January 1	$118,876	$143,781	$ 94,256
Service Charges			
Regular Volume	$830,146	$887,220	$1,024,978
Limited Volume	190,006	202,337	233,914
Commercial	115,109	125,109	125,109
Special Pickups	14,943	14,943	14,943
Other Revenues	3,399		
Total Service Charges	$1,153,603	$1,229,609	$1,398,944
Community Development Act	52,226	65,000	65,000
Total Revenues	$1,205,829	$1,294,609	$1,463,944
Total Revenues and Cash Balance	$1,324,705	$1,438,390	$1,558,200
Expenditures			
Operations	$ 996,914	$1,122,863	$1,307,006
Employee Benefits	184,010	221,271	250,678
Utility Improvement Fund			516
Total Expenditures	$1,180,924	$1,344,134	$1,558,200
Unencumbered Cash Balance, December 31	$ 143,781	$ 94,256	$ --

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
REFUSE COLLECTION UTILITY	PUBLIC WORKS	REFUSE COLLECTION	571-76-315-50000 GLKX500

BUDGET COMMENTS

The 1978 operating budget of $1,557,684 represents an increase of $213,550 above the revised 1977 operating budget of $1,344,134 primarily due to no expenditure for Capital Outlay in 1977 and increases for Personal Services.

Personal Services for 1978 increased $59,031 over 1977 due to merit increases of $6,575 and $52,456 for the salary improvement.

Contractual Services for 1978 reflect an increase of $8,895 due to increased costs for utilities, insurance and outside repairs.

Commodities for 1978 reflect an increase of $16,247 for increased costs of fuel, parts and other supplies.

Capital Outlay reflects an increase of $100,000 for the Purchase of 4 Packer trucks. No Packer trucks or equipment is to be purchased during 1977.

Employee Benefits reflect a $29,407 increase for 1978 due to increased cost of Workers Compensation and the addition of unemployment insurance.

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 765,686	$ 867,728	$ 926,729
120 Employee Claims			
TOTAL PERSONAL SERVICES	$ 765,686	$ 867,728	$ 926,729
CONTRACTUAL SERVICES			
210 Utilities	$ 3,144	$ 3,500	$ 6,000
220 Communications	1,878	2,230	2,500
230 Transportation	577	500	600
240 Advertising	4		
250 Insurance	5,867	6,675	7,700
260 Dues and Subscriptions		75	75
270 Professional Services	178		
280 Maint. of Bldgs & Improvements		1,000	1,000
290 Maintenance of Equipment	11,230	10,000	15,000
295 Other Contractual Services	65,889	69,622	69,622
TOTAL CONTRACTUAL SERVICES	$ 88,767	$ 93,602	$ 102,497
COMMODITIES			
310 Office Supplies	$ 12,278	$ 13,000	$ 13,000
320 Clothing and Linen	504	750	750
330 Food, Drugs & Chemicals	307	200	400
340 Opr. Supplies - Buildings & Improvements	442	700	700
350 Repair Parts - Buildings & Improvements	322	200	350
360 Operating Supplies - Equipment	81,894	95,097	104,994
370 Repair Parts - Equipment	27,130	28,000	30,000
380 Operating Supplies - Construction		200	200
390 Minor Apparatus and Tools	1,708	4,000	4,000
385 Inventory Purchases			4,000
TOTAL COMMODITIES	$ 124,585	$ 142,147	$ 158,394
CAPITAL OUTLAY			
410 Land			$
420 Buildings			
430 Improvements Other Than Bldgs.			
440 Office Equipment			
450 Vehicular Equipment			100,000
460 Operating Equipment			
470 Other Capital Outlay			
TOTAL CAPITAL OUTLAY			$ 100,000
SUB-TOTAL	$ 979,038	$1,103,477	$1,287,620
ADD: Employee Benefits	$ 184,010	$ 221,271	$ 250,678
Administrative Charges	19,386	19,386	19,386
LESS: Reimbursements	(1,510)		
GRAND TOTAL	$1,180,924	$1,344,134	$1,557,684

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
REFUSE COLLECTION UTILTIY	PUBLIC WORKS	REFUSE COLLECTION	571-76-315-50000 GLKX500

WORK PROGRAM

This is a public-owned utility that will provide collection of refuse from private dwellings and businesses that do not use independent collectors. For residential units, collection is on a weekly basis and commercial establishments are serviced as frequently as requested with service being provided anywhere within the City limits.

The services provided by this program require the operation of 23 residential routes, 3 commercial routes, 1 special pickup service route, 1 Dempster container route and 1 transfer trailer.

It is anticipated that the number of services both residential and commercial will remain approximately the same as for 1977.

POSITION TITLE	EMPLOYEES 1976	BUDGET 1977	BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Sanitation Director	1	1	1	1509-2128	$ 23,552	$ 25,541
Refuse Collection Supervisor	1	1	1	1073-1426	15,246	17,035
Sanitation Equipment Maintenance Supervisor	1	1	1	1014-1347	14,402	15,816
Administrative Assistant	1	1	1	1014-1347	12,447	12,739
Automotive Mechanic	3	3	3	856-1073	36,082	38,628
Sanitation Service Representative	1	1	1	765-1014	11,479	12,168
Radio Dispatcher	1	1	1	765-1014	9,653	10,824
Labor Supervisor	3	3	3	810-1014	34,026	36,504
Refuse Collection Equipment Operator	30	30	30	765-906	301,425	326,448
Account Clerk II	1	1	1	685-906	8,411	9,673
Storekeeper I	1	1	1	613-810	9,164	9,714
Refuse Collection Worker	40	40	40	685-810	344,604	363,633
Account Clerk I	2	2	2	613-810	17,341	18,879
Automotive Service Worker	1	1	1	648-765	8,665	8,129
Security Guard	2	2	2	613-724	15,220	16,375
Clerk II	1	1	1	549-724	6,481	6,884
Sub-Total	90	90	90		$868,198	$928,990
Add: Longevity					$ 16,492	$ 16,018
Less: Amount charged to Refuse Disposal					$(16,962)	$(18,279)
TOTAL					$867,728	$926,729
Full-Time Equivalent	90	90	90			
First Quarter						$247,196
Second Quarter						213,742
Third Quarter						250,769
Fourth Quarter						215,022
TOTAL						$926,729

FORM 22-003 (R)

AIRPORT REVENUE FUND

	Actual 1976	Budget 1977	Budget 1978
Unencumbered Cash Balance, January 1	$ 1,399,006	$ 5,617,318	$ 4,838,520
General Obligation Bonds	6,022,528		
Federal Aviation Administration	936,314	2,459,037	2,880,000
	$ 8,357,848	$ 8,076,355	$ 7,718,520
Operating Revenue			
Airfield	$ 563,944	$ 690,900	$ 669,200
Hangars and buildings	443,831	463,300	569,000
Terminal building area	1,020,844	1,324,000	1,422,500
Systems and services	370,278	385,000	439,600
Miscellaneous revenue	4,487	11,000	5,500
Leased sites	22,832	59,500	24,000
Interest income	106,773	80,000	331,000
Gate cards	3,737	3,000	5,000
Total Operating Revenue	$ 2,536,726	$ 3,016,700	$3,465,800
Total Unencumbered Cash and Revenue	$10,894,574	$11,093,055	$11,184,320
Operating Expense			
Administration	$ 283,265	$ 270,638	$ 338,125
Airfield maintenance	301,403	365,631	410,692
Building maintenance	546,465	617,538	687,910
Custodial	132,045	140,557	162,403
Engineering and Planning	102,997	122,703	136,198
Safety	490,177	485,093	561,642
Total Operating Expense	$ 1,856,352	$ 2,002,160	$ 2,296,970
Debt Service	$ 688,640	$ 1,052,375	$ 1,124,750
Construction (cap. assets)	$ 2,732,264	$ 3,200,000	$ 7,500,000
Total Expense	$ 5,277,256	$ 6,254,535	$10,921,720
Unencumbered Cash Balance, December 31	$ 5,617,318	$ 4,838,520	$ 262,000

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
AIRPORT	AIRPORT AUTHORITY	WICHITA MID-CONTINENT AIRPORT	504-06-250-50000 GMYA500

BUDGET COMMENTS

The Airport operational budget for 1978 of $3,421,720 represents an increase of $367,185 above the 1977 budget of $3,054,535.

Personal Services reflect an increase of $146,951. Of this increase, $18,604 is due to the addition of an Assistant Airport Manager. Shift differential pay is included in the 1978 budget in the amount of $11,246. The balance of the increase is due to the 6% salary improvement, merit salary increases, and longevity.

Contractual Services increased $162,094. A significant portion of this increase is reflected in Accounts 210, 250 and 295 for additional expenses related to utilities, insurance, and other contractual services.

Commodities represent a minor decrease of $14,635. Included in the 1978 budget is $10,000 in Account 395 to provide hot fire rescue training at the Airport for Safety personnel.

Capital Outlay of $37,600 in 1978 includes the following: 1 dump truck ($15,000), 1 backhoe attachment for high-loader ($7,000), 1 runway paint machine ($8,000), microfilm and storage cabinet ($1,400), 1 pickup truck ($5,200), and training aids in the Safety Division ($1,000).

ACCOUNT CLASSIFICATION	ACTUAL 1976	BUDGET 1977	BUDGET 1978
PERSONAL SERVICES			
110 Salaries & Wages	$ 971,894	$1,097,550	$1,239,890
120 Employee Claims		8,780	13,391
TOTAL PERSONAL SERVICES	$ 971,894	$1,106,330	$1,253,281
CONTRACTUAL SERVICES			
210 Utilities	$ 286,012	$ 290,000	$ 338,000
220 Communications	14,328	15,800	16,925
230 Transportation	10,785	9,000	11,800
240 Advertising	17	150	50
250 Insurance	49,818	48,200	69,760
260 Dues and Subscriptions	4,758	3,500	5,550
270 Professional Services	3,095	13,000	5,600
280 Maint. of Bldgs & Improvements	22,862	42,000	28,500
290 Maintenance of Equipment	4,673	20,000	22,700
295 Other Contractual Services	306,844	216,000	320,859
TOTAL CONTRACTUAL SERVICES	$ 703,192	$ 657,650	$ 819,744
COMMODITIES			
310 Office Supplies	$ 14,110	$ 11,900	$ 15,570
320 Clothing and Linen	8,258	7,000	9,100
330 Food, Drugs & Chemicals	1,192	16,000	2,375
340 Opr. Supplies - Buildings & Improvements	52,651	47,000	57,400
350 Repair Parts - Buildings & Improvements	55,515	46,000	50,250
360 Operating Supplies - Equipment	6,095	39,000	7,250
370 Repair Parts - Equipment	30,744	34,000	34,000
380 Operating Supplies - Construction			
390 Minor Apparatus and Tools			
395 Other Commodities	302	80	10,400
TOTAL COMMODITIES	$ 168,867	$ 200,980	$ 186,345
CAPITAL OUTLAY			
410 Land	$	$	$
420 Buildings	951	4,000	
430 Improvements Other Than Bldgs.	373	1,000	
440 Office Equipment	7,789	1,200	1,400
450 Vehicular Equipment	15	15,000	20,200
460 Operating Equipment	3,271	15,000	15,000
470 Other Capital Outlay		1,000	1,000
TOTAL CAPITAL OUTLAY	$ 12,399	$ 37,200	$ 37,600
SUB-TOTAL	$1,856,352	$2,002,160	$2,296,970
Debt Service	$ 688,640	$1,052,375	$1,124,750
GRAND TOTAL	$2,544,992	$3,054,535	$3,421,720

FUND	DEPARTMENT	DIVISION WICHITA	ACTIVITY NO. 504-06-250-50000
AIRPORT	AIRPORT AUTHORITY	MID-CONTINENT AIRPORT	GMYA500

WORK PROGRAM

The Wichita Mid-Continent Airport, which is administered by the Wichita Airport Authority, is responsible for the operations, administration, and engineering for planning of an integrated general aviation, air carrier complex which will accommodate the most modern aircraft and allow for safe and efficient handling of passengers and cargo. It is also the responsibility of the Authority to develop a sound financial structure which will enable the community to enjoy facilities and services for all elements of aviation at the lowest possible cost. A sound plan of Airport development consistent with Federal Aviation Administration policies must be kept up-to-date to provide for the needs of citizens and aircraft.

POSITION TITLE	EMPLOYEES 1976	EMPLOYEES BUDGET 1977	EMPLOYEES BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Director of Aviation	1	1	1	2128-3006	$ 33,265	$ 36,077
Airport Manager	1	1	1	1898-2679	27,154	30,350
Director of Engineering	1	1	1	1792-2529	27,031	30,350
Assistant Airport Manager	0	0	1	1509-2128		18,645
Director of Administration	1	1	1	1509-2128	21,531	24,116
Airport Bldg Maint. Supt.	1	1	1	1347-1792	19,678	21,503
Airport Field Maint. Supt.	1	1	1	1202-1598	17,051	18,604
Admin. Asst. to the Director	0	1	1	1202-1598	12,885	15,679
Senior Safety Officer	2	2	2	1347-1509	31,043	36,225
Asst. Airport Bldg. Maint. Supv.	1	1	1	1136-1509	17,087	18,113
Airport Equipment Maint. Supv.	1	1	1	1073-1426	14,532	16,306
Safety Supervisor	4	4	4	1202-1347	55,407	64,641
Airport Field Maint. Supv.	1	1	1	958-1272	11,358	12,740
Airport Bldg. Maint. Supv.	1	1	1	958-1272	11,334	12,040
Airport Field Maint. Asst. Supv.	1	0	0			
Airport Clerk	1	1	1	958-1272	12,174	14,455
Construction Supervisor III	1	1	1	958-1202	13,375	14,423
Safety Officer II	16	20	20	958-1202	246,502	280,843
Engineering Technician I	1	2	2	906-1202	25,111	27,217
Airport Bldg. Maint. Mech.	1	2	2	906-1136	24,326	26,503
Administrative Aide II	0	2	2	856-1136	22,880	25,289
Accountant I	0	1	1	856-1136	11,813	12,876
Safety Officer I	8	4	4	856-1136	40,103	43,020
Automotive Mechanic	0	2	2	856-1073	20,980	23,250
Parts and Records Mechanic	1	1	1	856-1073	10,873	12,195
Airport Custodial Supv.	1	1	1	810-1073	12,147	12,876
Airport Gardening Supv. II	1	1	1	810-1073	12,147	12,876
Maintenance Mechanic	9	6	6	810-1014	67,904	70,554
Administrative Secretary	2	2	2	724-1014	19,805	22,466
Engineering Aide II	1	1	1	724-958	10,849	11,500
Account Clerk II	2	0	0			
Secretary	1	1	1	648-906	8,339	9,867
Engineering Aide I	1	2	2	648-856	16,567	18,062
Auto Mechanic Helper	1	0	0			
Custodial Worker II	3	3	3	685-810	31,030	28,287
Equipment Operator I	8	8	8	685-810	72,344	74,532
Maintenance Worker	0	1	1	685-810	8,722	9,347
Laborer I	2	2	2	648-765	15,306	16,258
Custodial Worker I	8	8	8	613-724	65,568	67,977
Typist Clerk	1	1	1	519-685	6,662	7,464
Apprentice Worker	1	1	1	465-613	5,496	5,898
Laborer I (P.T.)	1	1	1	648-765	3,947	4,065
Apprentice Worker (P.T.)	3	3	3	465-613	3,648	9,874
Sub-Total	92	95	96		$1,087,974	$1,217,363
Add: Longevity					9,576	11,281
Shift Differential						11,246
TOTAL					$1,097,550	$1,239,890

FORM 22-003 (R)

AIRPORT

ESTIMATE OF REVENUE

	Actual 1976	Budget 1977	Budget 1978
Airfield:			
Flight fees, scheduled airlines	$ 323,860	$ 397,000	$ 365,000
Flight fees, nonscheduled airlines	13,044	21,000	16,700
Field charges, fixed base operators	3,623	4,500	5,200
Aircraft parking charges	2,020	4,600	4,500
Aviation fuel (Net)	175,263	205,800	210,000
Flight fees	39,179	50,000	58,000
Ground handling	6,955	8,000	9,800
	$ 563,944	$ 690,900	$ 669,200
Hangars and buildings:			
Rental, airlines	$ 4,181	$ 6,000	$ 4,300
Rental, fixed base operators	232,282	200,000	302,000
Rental, aircraft service agencies	26,008	43,000	32,000
Rental, fuel storage	1,080	1,300	1,200
Rental, industrial agencies	20,867	38,000	29,000
Rental, federal government	54,803	55,000	67,000
Rental, other buildings	104,610	120,000	133,500
	$ 443,831	$ 463,300	$ 569,000
Terminal Building:			
Rental, airlines	$ 92,836	$ 110,500	$ 113,000
Rental, agencies serving aviation	4,999	7,000	7,000
Rental, office tenants	2,535	4,000	4,000
Rental, food services	94,246	121,000	135,000
Rental, car rental agencies	233,102	270,000	277,000
Rental, coin operated services	1,862	6,200	2,000
Fees, advertising media	47,643	55,000	63,000
Fees, ground transportation services	4,802	10,000	10,000
Fees, passenger insurance	15,683	11,000	19,500
Rental, federal government	107,383	159,000	182,000
Rental, concourse	141,399	175,000	175,000
Rental, auto parking	274,354	395,300	435,000
	$1,020,844	$1,324,000	$1,422,500
Systems and services:			
Electricity	$ 108,400	$ 102,000	$ 126,000
Water	3,289	3,500	4,800
Gas	37,033	38,000	54,800
Crop	32,312	58,000	26,000
Other services	11,610	12,000	14,500
Jobbing and contract work	55,806	30,000	61,000
Security	121,828	141,500	152,500
	$ 370,278	$ 385,000	$ 439,600
Other revenue:			
Leased sites	$ 22,832	$ 59,500	$ 24,000
Interest Income	106,773	80,000	331,000
Gate cards	3,737	3,000	5,000
Miscellaneous	4,487	11,000	5,500
	$ 137,829	$ 153,500	$ 365,500
Total estimated and actual revenue	$2,536,726	$3,016,700	$3,465,800

FORM 22-0041 (R)

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
GAS UTILITY	ECONOMIC DEVELOPMENT	GAS UTILITY	521-56-870-50000 HAWB

The Gas Utility budget for 1978 totals $30,505,000, or 21% less than last year's budget. The major expenditures in this fund will be made from the Gas Purchases account. Gas purchases will be offset by sales, so that the quantity of gas purchased will be limited by the sales made. To avoid unwarranted restrictions on purchase of gas for distribution, the adopted budget has been set on the estimated maximum. The Debt Service account will pay for servicing of the initial bond issue only.

Cost pools identified in the Operations and Maintenance budget are established as separate activities. Salaries shown in the personnel page for this utility are spread throughout the activities of the Operations and Maintenance budget. Personnel authorized for 1978 include the addition of the Gas Utility Superintendent. The entire salary of an Accountant II and one-half the salary of the Director of Economic Development - shown in the budget of the Industrial Development Division - are reflected in the $32,201 figure added into the Gas Utility Personnel budget. The 1978 Operations and Maintenance budget of $421,685 is less than 1% greater than that for 1977. All employee benefits are collected in the Administration and General account.

	Actual 1976	Estimated 1977	Estimated 1978
REVENUES			
Cash Balance, January 1	$ 21,546	$ 202,277	$ 77,977
Natural Gas Sales	838,991	37,958,495	30,000,000
Interest Earnings	136,209	502,700	427,023
Total Revenues and Cash Balance	$ 996,746	$38,663,472	$30,505,000
Less: Expenditures	$ 794,469	$38,585,495	$30,505,000
	$ 202,277	$ 77,977	$ --
EXPENDITURES			
Gas Purchases		$36,416,009	$28,278,854
Transmission Expenses		912,500	712,827
Operations and Maintenance Expenses:			
Gathering System		$ 36,474	$ 37,196
Scrubber		2,580	1,700
Dehydrator		10,954	8,077
Compressor Station		89,365	109,506
Air Stabilization Plant		10,410	11,864
Distribution		25,346	36,903
Calorimeters and Gravitometers		4,821	5,384
Customer Services		961	400
Administration and General		236,775	210,655
Total Operations and Maintenance		$ 417,686	$ 421,685
Gas Service Distribution Cost		40,000	31,634
Current Debt Service		564,300	550,000
Bond Reserve Account		60,000	110,000
Utility Improvement Fund		115,000	400,000
Redemption and Pre-Pay Fund		60,000	
Total Expenditures		$38,585,495	$30,505,000
Unencumbered Cash Balance, December 31		$ 77,977	$ --

FUND	DEPARTMENT	DIVISION	ACTIVITY NO.
GAS UTILITY	ECONOMIC DEVELOPMENT	GAS UTILITY	521-56-870-50000 HAWB

WORK PROGRAM

The Wichita Gas Utility was established to insure that gas is available to keep Wichita industries operating during curtailment periods.

The Gas Utility operates two separate systems. The gathering system located in the Spivey Well Fields consists of 18.5 miles of gathering pipeline and nineteen wells. This system includes the operation and maintenance of the scrubber, the dehydrator, and the compressor station. The transmission from the compressor to the distribution system is accomplished through the use of the existing ANADARKO pipeline. The distribution system consists of an air stablization plant at Seneca and MacArthur Streets, three calorimeters, and one gravitometer, and 15.75 miles of distribution line connecting Boeing, Cessna, Beech, Coleman, Davis, Dubuque Packing Inc., Gates-Learjet, and MBPXL.

POSITION TITLE	EMPLOYEES 1976	BUDGET 1977	BUDGET 1978	RANGE	BUDGET 1977	BUDGET 1978
Gas Utility Superintendent	0	0	1	1692-2388	$	$ 23,237
Compressor Station Operator	1	1	1	1272-1692	15,624	14,844
Distribution Service Worker	1	1	1	1136-1509	13,943	15,644
Field Pressure Operator	1	2	2	1136-1509	26,895	29,373
Sub - Total	3	4	5		$ 56,462	$ 83,098
Overtime					$ 14,115	$ 29,930
Add: Amount Charged from Industrial Development Office					$ 12,474	$ 32,201
Total					$ 83,051	$145,229
Full-Time Equivalent	3	4	5			
First Quarter						$ 45,342
Second Quarter						26,300
Third Quarter						31,428
Fourth Quarter						42,159
TOTAL						$145,229

FORM 22-003 (R)