

ANNUAL BUDGET

WATER UTILITY



CITY OF ANCHORAGE

DEPARTMENT				DEPARTMENT SUMMARY			PAGE
PUBLIC WORKS - WATER				RETAINED EARNINGS			F-1
DIVISIONS	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Balance, January 1,	264,461	32,050	(35,171)	(5,380)	(64,330)	(64,330)	(64,330)
Net Income	210,455	108,388	104,867	(3,950)	(56,650)	16,250	11,100
Contribution in Aid of Construction	317,215	318,015	404,051	325,000	325,000	325,000	325,000
Depreciation	345,619	352,840	403,694	475,000	515,000	515,000	515,000
Addition to Working Capital			(100,000)				
Contribution to General Fund	(105,379)	(93,670)	(81,961)	-0-	-0-	(72,000)	(72,000)
Construction Current Year	(591,050)	(395,618)	(330,000)	(475,000)	(515,000)	(515,000)	(515,000)
Bond Retirement	(345,000)	(385,000)	(375,000)	(380,000)	(400,000)	(400,000)	(400,000)
Prior Year Adjustments	(64,271)	27,824	4,140				
Balance, December 31	32,050	(35,171)	(5,380)	(64,330)	(195,980)	(195,080)	(200,230)

CITY OF ANCHORAGE

DEPARTMENT

DEPARTMENT SUMMARY

PAGE

F-2

	DIVISIONS	1966	1967	1968	1969	1970		
		ACTUAL	ACTUAL	ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED
	<u>REVENUE</u>							
4046.1000	Customer Sales	1,398,934	1,435,691	1,554,277	1,770,000	1,860,000	1,940,000	1,940,000
4046.3000	Public Fire Protection	40,200	46,750	52,808	55,500	58,900	58,900	58,900
4046.4000	Sales to Other City							
	Agencies	15,833	20,177	19,454	18,800	28,000	28,000	28,000
	Federal Transitional Grant	35,000						
4046.7000	Misc. Revenue	181	10,078	18,429	10,000	5,000	5,000	5,000
4047.5000	Interest Revenue	15,985	7,621	9,643	10,000	2,000	2,000	2,000
4047.6000	Interest & Penalties- Water Mortgages		9,655	12,386	13,000	13,000	13,000	13,000
	Total Revenue	1,506,133	1,529,972	1,666,997	1,877,300	1,966,900	2,046,900	2,046,900
	<u>EXPENSES</u>							
	Source of Supply	162,887	156,557	152,804	146,000	154,960	166,320	166,320
	Maintenance & Repair	123,250	150,160	149,229	147,800	160,750	174,110	174,110
	Hydrants	74,342	56,679	77,262	75,500	79,850	87,580	87,580
	Customer Service		74,550	101,883	102,500	116,840	115,690	115,690
	Engineering		29,903	26,964	23,400	34,800	44,830	44,830
	Administration	285,296	258,122	283,657	369,540	396,150	333,520	338,670
4065.5000	Depreciation	345,619	352,840	403,694	475,000	515,000	515,000	515,000
4065.7000	Payment in Lieu of Taxes	118,080	120,000	115,550	261,510	264,000	253,600	253,600
4065.9000	Interest Expense	186,204	222,773	251,087	280,000	340,000	340,000	340,000
	Total Expense	1,295,678	1,421,584	1,562,130	1,881,250	2,062,350	2,030,650	2,035,800
	NET INCOME	210,455	108,388	104,867	(3,950)	(95,450)	16,250	11,100

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	SOURCE OF SUPPLY	4060.1			F-3

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Personal Services	62,738	72,567	76,138	77,300	77,910	77,910	77,910
Contractual	87,813	64,153	60,932	55,500	61,900	73,260	73,260
Supplies	12,336	15,883	15,734	13,200	15,150	15,150	15,150
Other Costs							
Capital Outlay		3,954					
	162,887	156,557	152,804	146,000	154,960	166,320	166,320
Less Interfund Charges	()	()	()	()	()	()	()
TOTAL	162,887	156,557	152,804	146,000	154,960	166,320	166,320

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 154,960
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 154,960

PROGRAM OUTLINE

The City obtains its water supply from Ship Creek and seven deep wells which have a combined capacity of 23 million gallons per day. The wells are used to supplement the Treatment Plant during summer and fall months. Well water, which is relatively warm, is mixed with the Ship Creek water during the winter months to reduce the likelihood of freezing mains.

PROGRAM HIGHLIGHTS

Year	1966	1967	1968	1969	1970
Daily Average Water Production	10.5	11.0	11.7	13.0	13.8
Production Cost per 1000 Gallons of Water	\$ 0.00438	0.0335	0.0358	0.0332	0.0308

CITY OF ANCHORAGE

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		DETAIL	B	PAGE
PUBLIC WORKS-WATER UTILITY		SOURCE OF SUPPLY		4060.1				F-4
CODE NO.	EXPENDITURE CLASSIFICATION	1968	1969	1970				
		ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED		
	<u>PERSONAL SERVICES</u>							
110	Salaries	75,409	77,000	77,610	77,610	77,610		
120	Overtime	729	300	300	300	300		
	Total	76,138	77,300	77,910	77,910	77,910		
	<u>CONTRACTUAL</u>							
210	Advertising	126	100	100	100	100		
222	Contracted Labor and Equipment	12,382	11,000	16,000	16,000	16,000		
242	Light - ML&P		35,000	35,000	35,000	35,000		
243	Heat	39,952	3,000	3,000	3,000	3,000		
246	Light - CEA		1,000	1,300	1,300	1,300		
253	Liability & Workmen's Compensation				740	740		
254	Retirement Plans				7,760	7,760		
255	Life Insurance				200	200		
256	Medical Insurance				410	410		
257	Social Security				2,250	2,250		
271	City Owned Vehicles or Equipment	3,215	2,600	2,700	2,700	2,700		
281	Repairs & Maintenance	4,957	2,600	3,600	3,600	3,600		
291	Travel	300	200	200	200	200		
	Total	60,932	55,500	61,900	73,260	73,260		
	<u>SUPPLIES</u>							
311	Materials	15,638	13,000	15,000	15,000	15,000		
313	Office Supplies, Postage	96	200	150	150	150		
	Total	15,734	13,200	15,150	15,150	15,150		
	Total Operating Budget	152,804	146,000	154,960	166,320	166,320		

DEPARTMENT PUBLIC WORKS-WATER		ACCOUNT TITLE SOURCE OF SUPPLY		ACCOUNT NUMBER 4060.1		PERSONNEL		C	PAGE F-5
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST		* RECOMMEND		* APPROVED	
Water Treatment Plant Foreman	28	976-1187	1	1	14,805	1	14,805	1	14,805
Water Treatment Plant Operator	23	802-976	5	5	61,827	5	61,827	5	61,827
Shift Differential			6	6	76,632	6	76,632	6	76,632
					980		980		980
TOTAL			6	6	77,612	6	77,612	6	77,612
* This column used for number of employees in each class.									
COMMENTARY									

CITY OF ANCHORAGE

DEPARTMENT PUBLIC WORKS - WATER	ACCOUNT TITLE SOURCE OF SUPPLY	ACCOUNT NUMBER 4060.1	COMMENTARY	D	PAGE F-6
			<u>Department Request</u>	<u>Manager Recommended</u>	<u>Council Approved</u>
.110	<u>SALARIES</u>				
	No increase in employees is requested. This is the same number of employees as the 1965 budget. Water production has increased 50% during that period plus one new well, four pressure reducing stations, eight main line valve complexes, and the five-million-gallon reservoir.		77,610	77,610	77,610
.222	<u>CONTRACTED SERVICES</u>				
	Minneapolis Honeywell - Telemetering	12,000	12,000	12,000	
	J. Goetz - Electrical Preventive Maintenance	1,000	1,000	1,000	
	Other	<u>3,000</u>	<u>3,000</u>	<u>3,000</u>	
		16,000	16,000	16,000	
.291	<u>TRAVEL</u>				
	An effort is made each year to have at least one employee attend a short course on water treatment, testing, and controls.		200	200	200
.311	<u>MATERIALS</u>				
	Provides chemicals.	15,000	15,000	15,000	

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
PUBLIC WORKS - WATER	SOURCE OF SUPPLY	4060.1			F-7

The City obtains water from two basic sources to supply the system. The primary source is Ship Creek which is diverted through the Water Treatment Plant which can produce 11 million gallons per day. This source is reinforced by seven deep wells which have a combined capacity of 12 million gallons per day.

An additional water supply is programmed for 1970 utilizing Campbell Creek. This supply may not be realized until 1971. A new five-million-gallon reservoir scheduled for completion in July, 1969, will provide storage of treated water for use during daily peak periods, fires, and in case the Treatment Plant should fail. Total water storage will then be 5.5 million gallons.

This account provides for the operation and maintenance of the Treatment Plant, seven wells, nine pressure-reducing stations, eleven main line valve complexes, and the five-million-gallon reservoir.

Water production includes the addition of chlorine and flouride (since 1962) to all water; filtering of all ship creek water; and chemical treatment as necessary to control turbidity, color, odor, taste and acidity.

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	MAINTENANCE & REPAIR	4061.1			F-8

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966	1967	1968	1969	1970		
	ACTUAL	ACTUAL	ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED
Personal Services	73,355	85,782	99,318	89,000	102,320	102,320	102,320
Contractual	38,382	46,024	39,222	47,100	45,100	58,460	58,460
Supplies	4,626	14,009	10,689	11,700	10,330	10,330	10,330
Other Costs	6,887	4,345			3,000	3,000	3,000
Capital Outlay							
	123,250	150,160	149,229	147,800	160,750	174,110	174,110
Less Interfund Charges	()	()	()	()	()	()	()
TOTAL	123,250	150,160	149,229	147,800	160,750	174,110	174,110

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 160,750
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 160,750

PROGRAM OUTLINE

This account provides for the maintenance and repair of the entire Water Utility except for the water supply facilities and the fire hydrants. Summertime work includes flushing mains, cleaning valve boxes, locating "lost" valves, disconnecting abandoned services, digging and repairing leaks, trouble shooting complaints, and other requirements of the Utility. Wintertime work includes steaming frozen pipelines, repairing broken lines, locating "lost" thaw wires, equipment repair, routine preventative maintenance program of steaming "trouble areas" due to history of freezing, and other work.

PROGRAM HIGHLIGHTS

No major change in the maintenance and repair program is contemplated for 1970. The development of modern methods and equipment reflect in the statistics shown below:

Year	Maintenance & Repair Expense	Total Assets (millions)	Ratio of Maintenance Expense to Total Assets
1964	90,095	11.1	0.0081
1965	88,942	12.4	0.0071
1966	123,250	13.8	0.0089
1967	156,160	15.1	0.0103
1968	145,510	16.4	0.0089
1969 Estimate	143,850	17.7	0.0082
1970 Estimate	160,745	19.2	0.0082

CITY OF ANCHORAGE

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		DETAIL	B	PAGE
PUBLIC WORKS - WATER		MAINTENANCE & REPIAR		4061.1				F-9
CODE NO.	EXPENDITURE CLASSIFICATION	1968 ACTUAL	1969 REVISED BUDGET	1970				
				REQUEST	RECOMMEND	APPROVED		
	<u>PERSONAL SERVICES</u>							
110	Salaries	96,523	84,000	96,820	96,820	96,820		
120	Overtime	2,795	5,000	5,500	5,500	5,500		
	Total	99,318	89,000	102,320	102,320	102,320		
	<u>CONTRACTUAL</u>							
222	Contracted Labor and Equipment	14,892	15,000	15,000	15,000	15,000		
242	Light - ML&P	1,500	7,600	6,200	6,200	6,200		
253	Liability & Workmen's Compensation				840	840		
254	Retirement Plans				8,900	8,900		
255	Life Insurance				250	250		
256	Medical Insurance				600	600		
257	Social Security				2,770	2,770		
271	City Owned Vehicles or Equipment	22,302	24,000	23,500	23,500	23,500		
291	Travel	387	300	300	300	300		
292	Dues & Subscriptions	141	200	100	100	100		
	Total	39,222	47,100	45,100	58,460	58,460		
	<u>SUPPLIES</u>							
311	Materials	7,739	8,000	8,500	8,500	8,500		
312	Janitorial Supplies	2,048	3,000	1,000	1,000	1,000		
313	Office Supplies, Postage	88	100	80	80	80		
314	Small Tools	814	600	750	750	750		
	Total	10,689	11,700	10,330	10,330	10,330		
	<u>OTHER CHARGES</u>							
432	Contributions to Garage Fund			3,000	3,000	3,000		
	Total			3,000	3,000	3,000		
	Total Operating Budget	149,229	147,800	160,750	174,110	174,110		

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PERSONNEL		C	PAGE
PUBLIC WORKS - WATER		MAINTENANCE & REPAIR		4061.1 - 4064.1					F-10
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST	* RECOMMEND	* APPROVED			
General Foreman	29	1016-1235	1	1	16,308	1	16,308	1	16,308
P.W. Foreman	28	976-1187	2	2	29,369	2	29,369	2	29,369
Heavy Equipment Operator	23	802-976	2	2	24,772	2	24,772	2	24,772
Water Installer/Repairman	23	802-976	2	2	24,252	2	24,252	2	24,252
Warehouseman/Plumber	23	802-976	1	1	12,300	1	12,300	1	12,300
Maintenance Man IV	21	742-902	5	5	55,943	5	55,943	5	55,943
Maintenance Man III	20	712-867	4	4	40,631	4	40,631	4	40,631
Shift Differential			17	17	203,575 750	17	203,575 750	17	203,575 750
<u>New Positions</u>					204,325		204,325		204,325
Installer Repairman	23	802-976		1	12,000	1	12,000	1	12,000
Maintenance Man IV (Delay Hire)	21	742-902		1	6,000	1	6,000	1	6,000
				2	18,000	2	18,000	2	18,000
TOTAL			17	19	222,325	19	222,325	19	222,325
* This column used for number of employees in each class.									
COMMENTARY									
Distribution of Salaries:	Maintenance & Repair	A/C 40-61-1-110	\$ 96,820						
	Hydrant Maintenance	A/C 40-64-1-110	56,000						
	Project Force Account		69,505						
			222,325						

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
PUBLIC WORKS-WATER	MAINTENANCE & REPAIR	4061.1			F-11
			<u>Department Request</u>	<u>Manager Recommended</u>	<u>Council Approved</u>
Maintenance and repair of the City's 205 miles of water mains is accomplished within this account.					
.110 <u>SALARIES</u>					
An increase of one men for 12 months and a second man to begin in June is requested. There has been no increase in personnel since 1967, when we had one employee above the 1966 level. Total assets to maintain are 22 percent greater in 1970 than in 1967, 39 percent greater in 1970 than during 1966.			96,820	96,820	96,820
.222 <u>CONTRACTED SERVICES</u>					
Large pumps and backhoes are on contract basis, also street patching.			15,000	15,000	15,000
.242 <u>LIGHTS - ML&P</u>					
This represents all the power expense for the Water building at 3000 Arctic Boulevard. Heat will be furnished by Account 4653.			6,200	6,200	6,200
.291 <u>TRAVEL</u>					
Efficient operation requires administrative personnel to be "on top" of new developments, systems, automation, equipment and problem solving. The Assistant Utility Manager will attend the Northwest Section of the American Water Works Association meeting in Spokane, Washington, through this account.			300	300	300
.432 <u>CONTRIBUTIONS TO GARAGE FUND</u>					
A new pickup to replace one of the older depreciated pickups. The utility has two old pickups, neither of which is dependable. This is not an increase to existing equipment, but a replacement			3,000	3,000	3,000

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	HYDRANTS	4064.1			F-12

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Personal Services	46,558	39,627	55,074	55,000	58,500	58,500	58,500
Contractual	19,693	13,843	14,175	14,500	15,000	22,730	22,730
Supplies	8,091	3,209	8,013	6,000	6,350	6,350	6,350
Other Costs							
Capital Outlay							
	74,342	56,679	77,262	75,500	79,850	87,580	87,580
Less Interfund Charges	()	()	()	()	()	()	()
TOTAL	74,342	56,679	77,262	75,500	79,850	87,580	87,580

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 79,850
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 79,850

PROGRAM OUTLINE

The accounting for hydrant maintenance is kept separate. This portion of the utility can be considered only as fire protection which is a benefit to the taxpayer instead of the rate payer. Therefore, the General Fund contributes toward the hydrant maintenance program for hydrants located within the corporate limits.

The work program includes maintenance of fire hydrants, repairing broken hydrants, painting, replacing or upgrading, installation of new hydrants to improve fire protection and other work.

PROGRAM HIGHLIGHTS

Hydrant maintenance, on an average of annual cost per hydrant, varies greatly depending upon the winter. The estimated cost per hydrant based upon the requested budget appears reasonable.

	1963	1964	1965	1966	1967	1968	1969	1970
Budget	43,667	43,612	65,646	74,342	56,679	77,262	73,400	79,850
Hydrants	895	957	1,000	1,107	1,146	1,240	1,340	1,440
Cost/Hydrants	49	46	65	47	49	62	56	56

CITY OF ANCHORAGE

CITY OF ANCHORAGE						
DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PAGE
PUBLIC WORKS - WATER		HYDRANTS		4064.1		F-13
CODE NO.	EXPENDITURE CLASSIFICATION	1968 ACTUAL	1969 REVISED BUDGET	1970		
				REQUEST	RECOMMEND	APPROVED
	<u>PERSONAL SERVICES</u>					
110	Salaries	53,761	53,000	56,000	56,000	56,000
120	Overtime	1,313	2,000	2,500	2,500	2,500
	Total	55,074	55,000	58,500	58,500	58,500
	<u>CONTRACTUAL</u>					
222	Contracted Labor and Equipment	1,685	1,500	1,500	1,500	1,500
253	Liability & Workmen's Compensation				490	490
254	Retirement Plans				5,150	5,150
255	Life Insurance				140	140
256	Medical Insurance				340	340
257	Social Security				1,610	1,610
271	City Owned Vehicles or Equipment	12,456	13,000	13,500	13,500	13,500
281	Repairs & Maintenance	34				
	Total	14,175	14,500	15,000	22,730	22,730
	<u>SUPPLIES</u>					
311	Materials	7,926	5,800	6,200	6,200	6,200
313	Office Supplies, Postage	87	200	150	150	150
	Total	8,013	6,000	6,350	6,350	6,350
	Total Operating Budget	77,262	75,500	79,850	87,580	87,580

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PERSONNEL		C	PAGE
PUBLIC WORKS - WATER		HYDRANTS		4061.1 - 4064.1					F-14
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST	* RECOMMEND	* APPROVED			
General Foreman	29	1016-1235	1	1	16,308	1	16,308	1	16,308
P.W. Foreman	28	976-1187	2	2	29,369	2	29,369	2	29,369
Heavy Equipment Operator	23	802-976	2	2	24,772	2	24,772	2	24,772
Water Installer/Repairman	23	802-976	2	2	24,252	2	24,252	2	24,252
Warehouseman/Plumber	23	802-976	1	1	12,300	1	12,300	1	12,300
Maintenance Man IV	21	742-902	5	5	55,943	5	55,943	5	55,943
Maintenance Man III	20	712-867	4	4	40,631	4	40,631	4	40,631
Shift Differential			17	17	203,575	17	203,575	17	203,575
					750		750		750
<u>New Positions</u>					204,325		204,325		204,325
Installer/Repairman	23	802-976		1	12,000	1	12,000	1	12,000
Maintenance Man IV (Delay Hire)	21	742-902		1	6,000	1	6,000	1	6,000
				2	18,000	2	18,000	2	18,000
TOTAL			17	19	222,325	19	222,325	19	222,325
* This column used for number of employees in each class.									
COMMENTARY									
Distribution of Salaries:		Maintenance & Repair	A/C 40-61-1-110	\$ 96,820					
		Hydrant Maintenance	A/C 40-64-1-110	56,000					
		Project Force Account		69,505					
				222,325					

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	CUSTOMER SERVICE	4065.1			F-15

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Personal Services	Part of	85,505	95,510	97,500	106,130	96,130	96,130
Contractual	Admin.	5,996	4,559	4,155	6,100	18,160	18,160
Supplies	Expense	2,549	1,653	1,400	1,450	1,450	1,450
Other Costs							
Capital Outlay			161		4,000	790	790
		94,050	101,883	103,055	117,680	116,530	116,530
Less Interfund Charges	(19,500	(555	840	840	840)
TOTAL		74,550	101,883	102,500	116,840	115,690	115,690

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 116,840
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 116,840

PROGRAM OUTLINE

This unit is responsible for a rather complex work assignment. The customer record section is responsible for correct monthly utility bills, renders backbills, turns water on or off, handles delinquent turn-offs, reviews lots obtaining service for water assessment payment, field checks subdivisions on a lot, by, lot basis for accurate billing and assessment payments, fields checks billing problems, provides assistance to customers who have "on property" water breaks, and performs other similar functions.

This is the Utility's nerve center where public relations are paramount.

PROGRAM HIGHLIGHTS

New connections averaging over 50% above last years figures have increased this sections's workload. Most of the new connections are expected to become active accounts prior to the end of the year. The continued effort by this section to combine bills has resulted in billing and collection savings and more use of meters.

	1964	1965	1966	1967	1968	1969	1970
Accounts billed in December	10,058	10,724	10,770	11,616	12,068	12,850	13,700
Percent Increase over prior year		0.3%	0%	8%	4%	7%	7%

CITY OF ANCHORAGE

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		DETAIL	B	PAGE
PUBLIC WORKS - WATER		CUSTOMER SERVICE		4065.1				F-16
CODE NO.	EXPENDITURE CLASSIFICATION	1968	1969	1970				
		ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED		
	<u>PERSONAL SERVICES</u>							
110	Salaries	93,317	95,490	105,130	95,130	95,130		
120	Overtime	2,193	2,010	1,000	1,000	1,000		
	Total	95,510	97,500	106,130	96,130	96,130		
	<u>CONTRACTUAL</u>							
210	Advertising	127	200	200	200	200		
222	Contracted Labor and Equipment	388	755	800	800	800		
253	Liability & Workmen's Compensation				910	910		
254	Retirement Plans				6,550	6,550		
255	Life Insurance				250	250		
256	Medical Insurance				680	680		
257	Social Security				3,670	3,670		
259	School & Training			300	300	300		
271	City Owned Vehicles or Equipment	4,044	3,200	4,800	4,800	4,800		
	Total	4,559	4,155	6,100	18,160	18,160		
	<u>SUPPLIES</u>							
311	Materials	50	200	250	250	250		
313	Office Supplies, Postage	1,405	1,000	1,000	1,000	1,000		
314	Small Tools	198	200	200	200	200		
	Total	1,653	1,400	1,450	1,450	1,450		
	<u>CAPITAL</u>							
605	Machinery & Equipment	161		4,000	790	790		
	Total	101,883	103,055	117,680	116,530	116,530		
501	<u>LESS CHARGES TO OTHERS</u>		(555)	(840)	(840)	(840)		
	Total Operating Budget	101,883	102,500	116,840	115,690	115,690		

DEPARTMENT	ACCOUNT TITLE		ACCOUNT NUMBER		PERSONNEL		C	PAGE	
PUBLIC WORKS - WATER	CUSTOMER SERVICE		4065.1					F-17	
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST	* RECOMMEND	* APPROVED			
Field Service Supervisor	25	867-1056	1	1	13,308	1	13,308	1	13,308
Field Service Representative	21	742-902	5	5	52,138	5	52,138	5	52,138
Clerk III	13	542-659	4	4	29,685	4	29,685	4	29,685
<u>New Position</u>			10	10	95,131	10	95,131	10	95,131
Field Service Coordinator	23	802-976		1	10,000				

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
PUBLIC WORKS - WATER	CUSTOMER SERVICE	4065.1			F-18
			<u>Department Request</u>	<u>Manager Recommended</u>	<u>Council Approved</u>
This work unit is responsible for a complex work assignment as described on Sheet A of this section of the budget. The work is further complicated by outdated systems of paper flow beginning in the Customer Service Section of the Finance Department and ending with reports produced by Data Processing. Considerable improvement may be expected when implementation of the Financial Management System is completed. Certain portions of this are projected for 1970.					
.110 <u>SALARIES</u>					
A new position of Field Service Coordinator is requested. The work unit presently consists of one supervisor plus nine employees which include both office and field units. The new position would assist the supervisor in office efforts but assume supervisor functions of the field operation. Considerable efficiencies should develop. This will be the first additional employee added to this function since 1967, during which time the number of accounts have increased 18%.					
			105,130	95,131	95,131
.605 <u>MACHINERY AND EQUIPMENT</u>					
Portable Jackhammer			350	350	350
Billing Record File			440	440	440
Desk			250		
Chair			60		
Pickup			2,900		
			<u>4,000</u>	<u>790</u>	<u>790</u>

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	ENGINEERING	4065.2			F-19

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Personal Services	Part of	28,436	24,997	23,500	34,500	34,500	34,500
Contractual	Admin.	969	1,447	1,500	1,500	11,530	11,530
Supplies	Expense	498	329	500	250	250	250
Other Costs			191		750	750	750
Capital Outlay		29,903	26,964	25,500	37,000	47,030	47,030
Less Interfund Charges	()	()	(2,100)	(2,200)	(2,200)
TOTAL		29,903	26,964	23,400	34,800	44,830	44,830

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 34,800
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 34,800

PROGRAM OUTLINE

This unit is responsible for engineering planning, feasibility studies, preparation of construction plans and specifications, contract administration, and maintenance of current maps reflecting our rapidly growing utility. The majority of the work is charged to construction projects. The remainder shown above, must be charged to general engineering for the Utility.

PROGRAM HIGHLIGHTS

The engineering construction phases of the Water Utility projects were contracted out to others prior to 1967. The average total engineering cost to 1966 projects was nearly 12%. The 1967 costs were 8%. The 1968 charges were less than 7.5%. This has been the result of efficient and effective use of personnel and equipment by the unit supervisor. It is anticipated that the engineering costs will continue in the 7-8% range.

CITY OF ANCHORAGE

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		DETAIL	B	PAGE
PUBLIC WORKS - WATER		ENGINEERING		4065.2				F-20
CODE NO.	EXPENDITURE CLASSIFICATION	1968	1969	1970				
		ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED		
	<u>PERSONAL SERVICES</u>							
110	Salaries	24,962	23,000	34,200	34,200	34,200		
120	Overtime	35	500	300	300	300		
	Total	24,997	23,500	34,500	34,500	34,500		
	<u>CONTRACTUAL</u>							
222	Contracted Labor and Equipment	312	200	500	500	500		
253	Liability & Workmen's Compensation				630	630		
254	Retirement Plans				6,630	6,630		
255	Life Insurance				180	180		
256	Medical Insurance				530	530		
257	Social Security				2,060	2,060		
271	City Owned Vehicles or Equipment	1,135	1,300	1,000	1,000	1,000		
	Total	1,447	1,500	1,500	11,530	11,530		
	<u>SUPPLIES</u>							
311	Materials	313						
313	Office Supplies, Postage		500	250	250	250		
314	Small Tools	16						
	Total	329	500	250	250	250		
	<u>CAPITAL</u>							
605	Machinery & Equipment	191		750	750	750		
	Total	26,964	25,500	37,000	47,030	47,030		
501	<u>LESS CHARGES TO OTHERS</u>		(2,100)	(2,200)	(2,200)	(2,200)		
	Total Operating Budget	26,964	23,400	34,800	44,830	44,830		

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PERSONNEL		C	PAGE
PUBLIC WORKS - WATER		ENGINEERING		4065.2					F-21
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST	* RECOMMEND	* APPROVED			
Civil Engineer IV	32	1141-1388	1/2	1/2	8,386	1/2	8,386	1/2	8,386
Civil Engineer III	31	1098-1335	1	1	14,222	1	14,222	1	14,222
Engineering Technician V	25	867-1056	1	1	11,992	1	11,992	1	11,992
Engineering Technician IV	23	802-976	2	2	21,830	2	21,830	2	21,830
Engineering Technician III	21	742-902	1	1	9,848	1	9,848	1	9,848
Less Charges to Projects			5 1/2	5 1/2	66,278	5 1/2	66,278	5 1/2	66,278
					42,278		42,278		42,278
New Positions			5 1/2	5 1/2	24,000	5 1/2	24,000	5 1/2	24,000
Draftsman I	19	684-834		1	8,000	1	8,000	1	8,000
Engineering Technician III (Summer only - charged to Projects)	21	742-902		1	2,200	1	2,200	1	2,200
				2	10,200	2	10,200	2	10,200
TOTAL			5 1/2	7 1/2	34,200	7 1/2	34,200	7 1/2	34,200

* This column used for number of employees in each class.

COMMENTARY

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
PUBLIC WORKS - WATER	ENGINEERING	4065.2			F-22
			<u>Department Request</u>	<u>Manager Recommended</u>	<u>Council Approved</u>
<p>The water system is expanding rapidly at a rather constant rate. Improved paper flow and on-the-job training have increased the efficiency of this work unit. Engineering expenses charged to projects have been reduced from 13% (1966) to slightly over 7% (1969-70). Consulting engineers provide some design of water systems within subdivisions. This work unit provides design of remaining facilities and all contract inspection.</p>					
.110 <u>SALARIES</u>					
<p>The existing personnel can meet the demands of design and construction requirements. A new draftsman position is requested to assume the map changing duties and to develop detailed utility maps to be used by field personnel. It is anticipated that use of the new maps will provide sufficient economies in the Customer Service and Maintenance functions to more than pay for their development. Considerable radio time and other delays will be avoided. The requested Engineering Technician III is intended as basic backup to our existing staff, possibly a college student. (3 months only)</p>			34,200	34,200	34,200
.605 <u>MACHINERY AND EQUIPMENT</u>					
<p>This item is for two desk radios to allow direct field communications from all three floors of the Utility building and map racks for filing current projects. Considerable efficiency is expected to be gained plus better service to the public.</p>			750	750	750

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	SUMMARY	A	PAGE
PUBLIC WORKS - WATER	ADMINISTRATION	4065.3			F-23

ACCOUNT SUMMARY

EXPENDITURE CLASSIFICATION	1966 ACTUAL	1967 ACTUAL	1968 ACTUAL	1969 REVISED BUDGET	1970		
					REQUEST	RECOMMEND	APPROVED
Personal Services	105,173	41,461	53,024	54,840	63,380	56,360	56,360
Contractual	171,988	221,801	202,565	294,700	272,370	258,120	263,270
Supplies	3,012	758	484	800	700	700	700
Other Costs	8,434	21,357	35,367	55,200	55,700	53,140	53,140
Capital Outlay					1,200	1,200	1,200
	288,607	285,377	291,440	405,540	393,350	369,520	374,670
Less Interfund Charges	(3,311)	(27,255)	(7,783)	(36,000)	(36,000)	(36,000)	(36,000)
TOTAL	285,296	258,122	283,657	369,540	357,350	333,520	338,670

SERVICE COMPARISON

1969 activity level at 1970 prices would cost.....	\$ 357,350
Improved quality or increased quantity of service will cost.....	\$
Total.....	\$ 357,350

PROGRAM OUTLINE

The general administration of the Utility is accomplished through this account. It involves coordination and planning of such items as revenues, expenses, public relations, employee relations, resource protection and development, public safety and fire protection. Expenses which may not be considered appropriate in one of the other operating accounts and those which would be cumbersome in other accounts are included here.

PROGRAM HIGHLIGHTS

CITY OF ANCHORAGE

CITY OF ANCHORAGE						
DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PAGE
PUBLIC WORKS - WATER		ADMINISTRATION		4065.3		F-24
CODE NO.	EXPENDITURE CLASSIFICATION	1968 ACTUAL	1969 REVISED BUDGET	1970		
				REQUEST	RECOMMEND	APPROVED
	<u>PERSONAL SERVICES</u>					
110	Salaries	53,024	54,840	63,380	56,360	56,360
	Total	53,024	54,840	63,380	56,360	56,360
	<u>CONTRACTUAL</u>					
210	Advertising	345	250	250	250	250
222	Contracted Labor and Equipment	144,726	230,050	184,330	213,520	218,670
223	Independent Audit Fees			1,400	1,540	1,540
241	Telephone, Telegraph, Switchboard		10,000	8,300	8,300	8,300
242	Light - ML&P		300	100	100	100
243	Heat	18,547	7,800	6,200	6,200	6,200
244	Water		1,000	800	800	800
245	Refuse		400	350	350	350
251	Fire, False Arrest, All Risk Ins.		-0-	10,000	10,000	10,000
253	Liability & Workmen's Compensation		5,240	4,900	1,150	1,150
254	Retirement Plans		15,200	31,560	7,800	7,800
255	Life Insurance	36,147	1,480	1,380	360	360
256	Medical Insurance		3,300	3,450	930	930
257	Social Security		16,380	16,350	3,820	3,820
258	Tuition Refunds		250	250	250	250
259	School & Training		400	250	250	250
271	City Owned Vehicles or Equipment	1,089	1,250	1,300	1,300	1,300
281	Repairs & Maintenance	91	350	350	350	350
291	Travel	1,352	700	700	700	700
292	Dues & Subscriptions	268	350	150	150	150
	Total	202,565	294,700	272,370	258,120	263,270
	<u>SUPPLIES</u>					
311	Materials		100	100	100	100
313	Office Supplies, Postage	484	700	600	600	600
	Total	484	800	700	700	700

CITY OF ANCHORAGE

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		DETAIL	B	PAGE
PUBLIC WORKS - WATER		ADMINISTRATION		4065.3				F-25
CODE NO.	EXPENDITURE CLASSIFICATION	1968	1969	1970				
		ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED		
	<u>OTHER CHARGES</u>							
444	Uncollectible Expense	15,286	4,000	16,000	16,000	16,000		
445	Assessment Discounts	15	200	200	200	200		
461	Data Processing Charges	23,552	32,500	32,500	28,900	28,900		
462	D.P. Development		18,500	7,000	8,040	8,040		
494	Inventory Adjustments	(3,486)	-0-					
	Total	35,367	55,200	55,700	53,140	53,140		
	<u>CAPITAL</u>							
605	Machinery & Equipment			1,200	1,200	1,200		
	Total	291,440	405,540	393,350	369,520	374,670		
501	<u>LESS CHARGES TO OTHERS</u>	(7,783)	(36,000)	(36,000)	(36,000)	(36,000)		
	Total Operating Budget	283,657	369,540	357,350	333,520	338,670		

DEPARTMENT		ACCOUNT TITLE		ACCOUNT NUMBER		PERSONNEL		C	PAGE
PUBLIC WORKS - WATER		ADMINISTRATION		4065.3					F-26
CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1970					
				* REQUEST	* RECOMMEND	* APPROVED			
Manager, Water Utility	35	1285-1563	1	1	18,959	1	18,959	1	18,959
Civil Engineer	32	1141-1388	1/2	1/2	8,386	1/2	8,386	1/2	8,386
Administrative Assistant II	27	938-1141	1	1	14,220	1	14,220	1	14,220
Clerk-Steno III	13	542-659	1	1	7,968	1	7,968	1	7,968
Clerk II	10	481-585	1	1	6,831	1	6,831	1	6,831
			4 1/2	4 1/2	56,364	4 1/2	56,364	4 1/2	56,364
<u>New Position</u>									
Janitor-Handyman	15	585-712		1	7,020	0			

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
PUBLIC WORKS - WATER	ADMINISTRATION	4065.3			F-27

.110 SALARIES

An increase of one man is requested to do janitorial work for the Water Utility Building and to maintain the yards for the Treatment Plant, Well Houses, and Water Utility Building. The work is presently being accomplished by higher paid personnel and some through contracted services. An overall savings is expected.

<u>Department Request</u>	<u>Manager Recommended</u>	<u>Council Approved</u>
63,380	56,360	56,360

.222 CONTRACTED SERVICES

Charges from Other Departments

Financial Management System	7,005	9,430	9,290
Personnel	6,600	4,370	4,370
Treasury	74,230	79,920	79,580
Utility Customer Service	27,900	30,540	30,690
Controller	20,740	23,180	23,100
Legal	5,150	4,650	4,650
City Council & Mayor	4,550	5,370	6,590
Internal Audit	5,850	5,760	5,760
P.W. Administration	4,000	7,970	7,970
Duplicating	500	70	70
Courier	465	350	350
Mailing of Utility Bills	5,300	5,310	5,310
Rent City Hall	2,160	-0-	-0-
City Manager	17,880	19,820	20,190
Signal Maintenance	2,000	2,000	2,000
Community Promotion		900	4,860
P.W. Engineering Survey		1,500	1,500
P.W. Building - Switchboard		40	40
City Clerk - Record Retention & Microfilming		2,340	2,350
Total Charges	184,330	203,520	208,670

Public Relations		10,000	10,000
Total		213,520	218,670