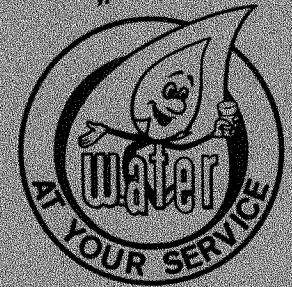


ANNUAL BUDGET



WATER UTILITY



CITY OF ANCHORAGE

PUBLIC WORKS - WATER UTILITY	SUMMARY					PAGE
						F1
	1968	1969	1970	1971		
ACTUAL	ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED	
Balance, January 1	(35,171)	(5,380)	-0-	4,805	4,805	4,805
Net Income for the Year	104,867	7,160	136,135	198,280	329,080	297,100
Contribution in Aid of Construction	404,051	470,450	325,000	800,000	800,000	800,000
Depreciation	403,694	433,515	515,000	580,000	580,000	580,000
<u>Distribution</u>						
Addition to Working Capital	(100,000)					
Bond Principal Retirement	(375,000)	(380,000)	(400,000)	(930,000)	(930,000)	(930,000)
Operational Construction	(330,000)	(475,000)	(515,000)	(580,000)	(580,000)	(580,000)
Contribution to General Fund	(81,961)		(56,330)	(23,054)	(30,740)	(30,740)
Provision for Accrued Annual Leave		(50,745)				
Prior Year Adjustments	4,140					
Balance, December 31	(5,380)	-0-	4,805	50,031	173,145	141,165

CITY OF ANCHORAGE

PUBLIC WORKS - WATER UTILITY			REVENUE DETAIL			PAGE F2
ACC'T. NO.	CLASSIFICATION	1969 ACTUAL	1970 REVISED BUDGET	1971		
				REQUEST	RECOMMEND	APPROVED
	<u>OPERATING REVENUE</u>					
	<u>Sale of Water</u>					
4026.0100	Unmetered Sales of Water I	1,071,149	1,460,540	1,605,500	1,700,000	1,700,000
4046.0200	Unmetered Sales of Water 0	329,584	451,320	500,900	550,000	550,000
4060.1100	Metered Sales of Water I	164,792	228,160	245,500	260,000	260,000
4046.1200	Metered Sales of Water 0	82,396	116,580	122,800	130,000	130,000
4046.3000	Public Fire Protection	55,500	58,900	68,000	68,000	68,000
4046.7000	Interdepartmental Sales	24,141	28,000	36,000	36,000	36,000
	Total Sale of Water	1,727,562	2,343,500	2,578,700	2,744,000	2,744,000
	<u>Other Operating Revenue</u>					
4047.1000	Misc. Service Revenue	9,437	3,000	2,000	2,000	2,000
4047.4100	Other Water Revenue			1,000	1,000	1,000
4047.4200	Hydrant Use Charge	2,414	7,000	8,000	8,000	8,000
	Total Other Revenue	11,851	10,000	11,000	11,000	11,000
	TOTAL OPERATING REVENUE	1,738,912	2,353,500	2,589,700	2,755,000	2,755,000
	<u>NON-OPERATING REVENUE</u>					
4041.9100	Interest Revenue	6,291	34,000	40,000	40,000	40,000
4041.9200	Interest & Penalty - Water Mortgages & Subdivisions	15,681	13,000	20,000	20,000	20,000
	TOTAL NON-OPERATING REVENUE	21,972	47,000	60,000	60,000	60,000
	TOTAL REVENUE	1,761,385	2,400,500	2,649,700	2,815,000	2,815,000
	TOTAL EXPENSES	1,754,225	2,264,365	2,451,420	2,485,920	2,517,900
	NET INCOME	7,160	136,135	198,280	329,080	297,100

PUBLIC WORKS - WATER UTILITY			DETAIL			PAGE
						F3
ACC'T. NO.	CLASSIFICATION	1969 ACTUAL	1970 REVISED BUDGET	1971		
				REQUEST	RECOMMEND	APPROVED
	<u>OPERATING EXPENSES</u>					
	<u>Source of Supply</u>					
4060.0000	Supervision & Engineering	9,512	9,867	10,040	10,040	10,160
4060.1000	Operation Labor & Expense	55,064	56,020	59,670	59,670	59,670
4060.3000	Miscellaneous Expenses	400	400	500	500	500
4061.4000	Maintenance of Wells & Springs	11,110	13,190	13,790	13,790	13,790
4061.6000	Maintenance of Supply Mains			500	500	500
	Total Source of Supply	76,086	79,477	84,500	84,500	84,620
	<u>Water Treatment</u>					
4064.0000	Supervision & Engineering	9,512	9,867	10,040	10,040	10,160
4064.1000	Chemicals	11,876	15,000	17,000	17,000	17,000
4064.2000	Operation Labor & Expenses	48,802	50,445	51,040	51,040	51,040
4064.3000	Miscellaneous Expenses	1,664	1,950	2,325	2,325	2,325
4065.1000	Maintenance of Structures & Improvements	3,947	4,250	5,000	5,000	5,000
4065.2000	Maintenance of Water Treatment Equipment	7,377	9,730	10,230	10,230	10,230
	Total Water Treatment	83,178	91,242	95,635	95,635	95,755
	<u>Transmission & Distribution</u>					
4066.0000	Supervision & Engineering	26,469	35,480	39,600	39,600	40,540
4066.1000	Operation of Storage Facility		3,800	4,055	4,055	4,055
4066.2000	Operation of Transmission & Distribution Mains	16,558	17,980	18,350	18,350	18,350
4066.3000	Operation of Meters			4,750	4,750	4,750
4066.4000	Customer Installation Expense	58,421	60,838	57,010	57,010	57,010
4066.5000	Miscellaneous Expenses	14,798	16,270	17,170	17,170	17,270
4067.2000	Maintenance of Reservoir		5,300	6,055	6,055	6,055
4067.3000	Maintenance of Transmission & Distribution Mains	41,852	65,805	59,500	59,500	59,500

PUBLIC WORKS - WATER UTILITY			DETAIL			PAGE
						F4
ACC'T. NO.	CLASSIFICATION	1969	1970	1971		
		ACTUAL	REVISED BUDGET	REQUEST	RECOMMEND	APPROVED
	Transmission & Distribution (Continued)					
4067.4000	Maintenance of Fire Mains	750	1,000	1,000	1,000	1,000
4067.5000	Maintenance of Services	4,000	4,460	4,460	4,460	4,460
4067.6000	Maintenance of Meters	1,112	2,700	7,750	7,745	7,745
4067.7100	Repair of Hydrants	31,481	38,950	38,500	38,500	38,500
4067.7200	Maintenance of Hydrants	55,535	56,600	67,500	67,500	67,500
	Total Transmission & Distribution	250,976	309,183	325,700	325,695	326,735
	<u>Customer Accounts</u>					
4090.1000	Supervision	12,755	13,000	13,450	13,450	13,980
4090.2000	Meter Reading Expense	11,062	12,600	15,090	15,090	15,090
4090.3100	Customer Records & Collection	30,735	32,500	34,070	34,070	35,360
4090.3200	Centralized Utility Customer Service Interfund	133,687	144,480	171,600	179,060	184,700
4090.4000	Uncollectible Accounts	5,114	16,000	16,000	16,000	16,000
4090.5000	Miscellaneous Expenses	1,208	1,950	2,150	2,150	2,150
	Total Customer Accounts	194,561	220,530	252,360	259,820	267,280
	<u>Administrative & General</u>					
4092.0000	Salaries	128,897	158,250	156,790	153,723	162,043
4092.1000	Office Supplies & Expenses	4,657	4,980	4,000	4,000	4,000
4092.2000	Admin. & General Expense Transferred CREDIT	(50,211)	(36,000)	(200,000)	(200,000)	(200,000)
4092.3000	Outside Services Employed	6,650	26,780	28,680	23,200	22,790
4092.4000	Property Insurance	9,061	10,000	10,000	10,000	10,000
4092.5000	Injuries & Damages	5,643	8,655	24,300	24,300	24,300
4092.6000	Employee Pensions & Benefits	33,082	39,805	58,850	58,807	78,157
4092.8000	Regulatory Commission Expense			1,000	26,000	26,000
4093.0000	Miscellaneous General	33,021	36,850	60,840	66,000	61,480
4093.2000	Maintenance of General Plant	2,930	3,263	3,820	3,820	4,320
	Total Administration & General Expense	173,730	252,583	148,280	169,850	193,090
	TOTAL OPERATING EXPENSE	778,531	953,015	906,475	935,500	967,480

PUBLIC WORKS - WATER UTILITY			DETAIL			PAGE
						F5
ACC'T. NO.	CLASSIFICATION	1969 ACTUAL	1970 REVISED BUDGET	1971		
				REQUEST	RECOMMEND	APPROVED
	<u>OTHER OPERATING EXPENSES</u>					
4040.3000	Depreciation	433,513	515,000	580,000	580,000	580,000
4040.8100	Payment in Lieu of Tax	226,300	254,760	286,285	292,060	292,060
4040.8200	FICA - Employers' Share	16,279	16,590	28,560	28,360	28,360
	Total Other Operating Expenses	676,094	786,350	894,945	900,420	900,420
	<u>NON-OPERATING EXPENSES</u>					
4042.7000	Interest Expense	299,630	525,000	650,000	650,000	650,000
	TOTAL EXPENSES	1,754,225	2,264,365	2,451,420	2,485,920	2,517,900

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	PERSONNEL	C	PAGE
PUBLIC WORKS	WATER UTILITY				F6

CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1971					
				* REQUEST	* RECOMMEND	* APPROVED			
<u>Classified Employees:</u>									
Water Utility Manager	35	1415-1722	1	1	19,652	1	19,652	1	20,438 ✓
Assistant Water Manager	32	1258-1530	1	1	15,761	1	15,761	1	16,392 ✓
Civil Engineer III	31	1209-1471	1	1	15,683	1	15,683	1	16,310 ✓
General Foreman	30	1164-1415	1	1	17,978	1	17,978	1	18,698 ✓
Administrative Assistant	27	1035-1258	1	1	15,234	1	15,234	1	15,842 ✓
Engineering Tech. V	26	994-1209	1	1	13,698	1	13,698	1	14,246 ✓
Field Service Supervisor	25	956-1164	1	1	13,440	1	13,440	1	13,978 ✓
Engineering Tech. IV	23	884-1077	2	2	23,381	2	23,381	2	24,316 ✓
Engineering Tech. III	21	817-994	1	1	9,953	1	9,953	1	10,350 ✓
Engineering Tech. II	18	725-884	1	1	8,835	1	8,835	1	9,188 ✓
Engineering Tech. II - Temp.	18	725-884	1/3	1/3	2,796	1/3	2,796	1/3	2,908 ✓
Clerk III	13	598-725	5	5	39,952	5	39,952	5	41,550 ✓
Clerk II	10	532-646	1	1	6,482	1	6,482	1	6,740 ✓
Subtotal			17 1/3	17 1/3	202,845	17 1/3	202,845	17 1/3	210,956
<u>New Positions:</u>									
Control Accountant - Water	25	956-1164	0	1	11,250	3/4	8,493	3/4	8,834 ✓
Civil Engineer II	28	1077-1309	0	1	12,672	1	12,672	1	13,178 ✓
Engineer Tech. II - Temp.	18	725-884	0	2/3	5,592	2/3	5,592	2/3	5,816 ✓
Clerk I - Temporary	6	454-552	0	1/3	1,748	1/3	1,748	1/3	1,818 ✓
Subtotal				3	31,262	2 3/4	28,505	2 3/4	29,646
TOTAL									

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

COMMENTARY

DEPARTMENT PUBLIC WORKS	ACCOUNT TITLE WATER UTILITY	ACCOUNT NUMBER	PERSONNEL	C	PAGE F7
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CLASSIFICATION	RANGE AND STEP	SALARY RATE	EMPLOYEES CURRENT *BUDGET	1971					
				* REQUEST	* RECOMMEND	* APPROVED			
<u>UNION EMPLOYEES</u>									
Foreman		6.72 Hr.	3	3	45,401	3	45,401	3	45,401
Journeyman		5.97	16	16	207,017	16	204,017	16	207,017
Heavy Equipment Operator		5.97	2	2	26,412	2	26,412	2	26,412
Water Utility V		5.49	7	7	80,328	7	80,328	7	80,328
Water Utilityman IV		5.25	1	1	10,962	1	10,962	1	10,962
Water Utilityman III Temp.		5.01	2/3	2/3	7,054	2/3	7,054	2/3	7,054
Subtotal			29 2/3	29 2/3	377,174	29 2/3	377,174	29 2/3	377,174
Standby Time					4,500		4,500		4,500
Shift Differential					1,050		1,050		1,050
Holiday Pay					1,150		1,150		1,150
					6,700		6,700		6,700
<u>New Positions:</u>									
Water Utilityman IV		5.25	0	2 2/3	21,924	2 2/3	21,924	2 2/3	21,924
Water Utilityman III Temp.		5.01	0	1	17,468	1	17,468	1	17,468
Asst. Warehouseman/Handyman		4.11	0	1	8,582	1	8,582	1	8,582
				4 2/3	47,974	4 2/3	47,974	4 2/3	47,974
TOTAL			47	53 1/3	665,955	54 1/2	663,198	54 7/12	672,450

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

COMMENTARY

CITY OF ANCHORAGE

DEPARTMENT	ACCOUNT TITLE	ACCOUNT NUMBER	COMMENTARY	D	PAGE
					F8
<u>INTERFUND CHARGES FROM OTHER DEPARTMENTS</u>			<u>Department Request</u>	<u>Manager Recommends</u>	<u>Council Approved</u>
4066.5000	Miscellaneous Expenses (Transmission & Distribution)				
	P.W. Mapping		1,500	1,500	1,600
	Data Processing		360	360	360
			<u>1,860</u>	<u>1,860</u>	<u>1,960</u>
4090.3200	Utility Customer Service Expenses				
	Utility Customer Service		81,620	83,720	86,800
	Utility Bill Mailing		6,620	6,520	6,550
	Treasury		56,000	61,020	63,170
	Data Processing		27,360	27,800	28,180
			<u>171,600</u>	<u>179,060</u>	<u>184,700</u>
4092.0000	Administrative & General Salaries				
	City Manager		22,520	23,460	25,100
	Personnel		6,770	6,310	6,280
	Internal Auditor		6,900	6,990	7,350
	Controller & Finance Administration		22,440	23,480	26,410
	P.W. Administration		7,870	8,360	8,300
	City Clerk - Record Retention & Microfilming		2,400		
			<u>68,900</u>	<u>68,600</u>	<u>73,440</u>
4092.3000	Outside Services Employed				
	City Attorney		5,780	5,840	5,840
	Financial Management System		10,000	5,740	5,330
	Independent Auditors		1,600	1,620	1,620
	Labor Negotiator		1,300	-0-	-0-
			<u>18,680</u>	<u>13,200</u>	<u>12,790</u>
4093.0000	Miscellaneous General Expense				
	Mayor - City Council		7,880	7,920	8,270
	Community Promotion		5,000	4,630	4,630
	Annex - Switchboard		50	50	50
	Courier & Duplicating		450	460	700
	Data Processing - Development		15,290	20,770	15,660
			<u>28,670</u>	<u>33,830</u>	<u>29,310</u>
4093.2000	Maintenance of General Plant				
	Traffic Engineering - Radio Maintenance		2,500	2,500	2,500
	Traffic - Signs				500
			<u>2,500</u>	<u>2,500</u>	<u>2,500</u>

WATER UTILITY

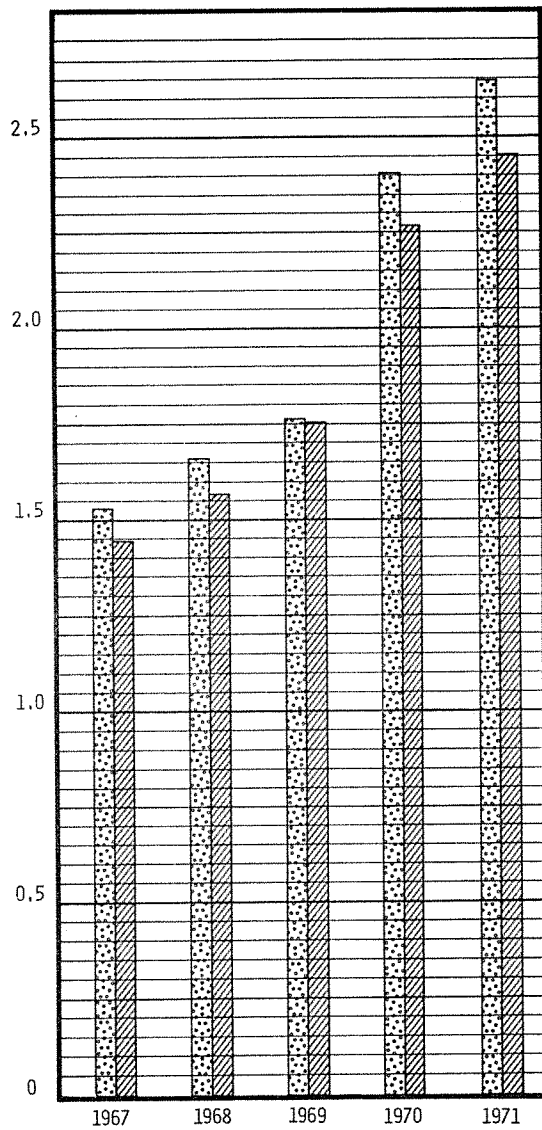
STATISTICAL REVIEW



F9

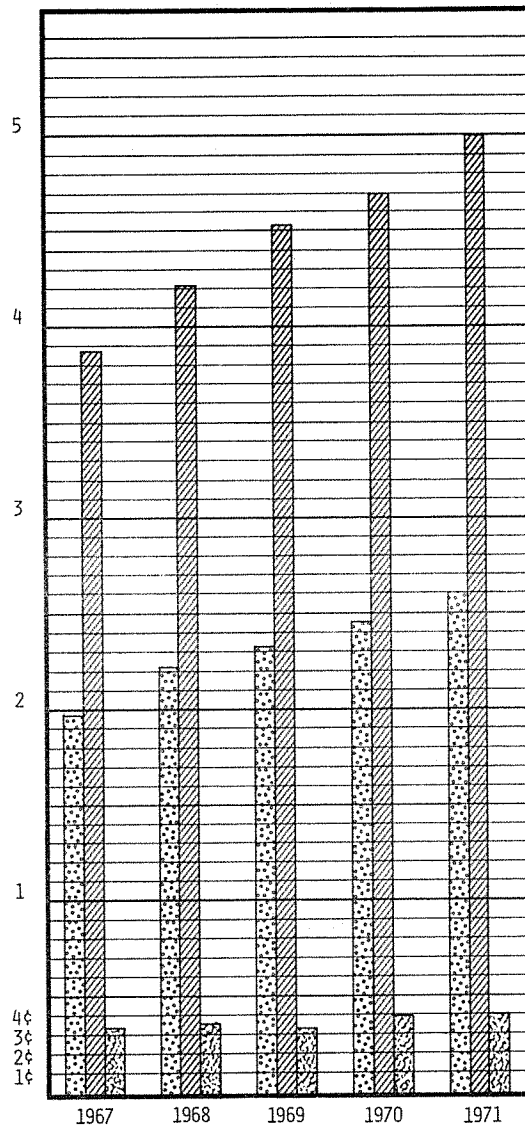
	<u>1968 Actual</u>	<u>1969 Actual</u>	<u>1970 Estimate</u>	<u>1971 Approved</u>
Million Gallons of Water Produced	4,211.80	4,524.84	4,700.00	5,000.00
Cost Per 1000 Gallons - Treatment	.0358	.0332	.0395	.0400
Miles of Mains	222.97	232.10	246.30	260.00
Number of New Water Connections	650	1,015	1,700	2,000
Plant Value (Depreciated)	15,148,101	16,706,741	18,342,319	20,700,000
Ratio of Operation & Maintenance Expense to Total Assets	.0089	.0089	.0102	.0100
Number of Hydrants	1,239	1,345	1,500	1,700
Cost of Operation & Maintenance Per Hydrant	62	56	65	66
Number of Meters	387	432	600	1,100
Number of Accounts Billed (Dec.)	12,068	12,946	14,100	15,600
Number of Service Orders Worked	30,406	35,409	40,000	45,000
Number of Employees	43	43	46	51
Revenue	1,666,997	1,761,385	2,400,500*	2,815,000
Expenses	1,562,130	1,754,225	2,264,365**	2,517,900
Net Income	104,867	7,160	136,135	297,100
Bond Retirement	375,000	380,000	400,000	930,000
Interest Expenses	251,087	299,630	525,000	650,000




* Rate Increase 3-70

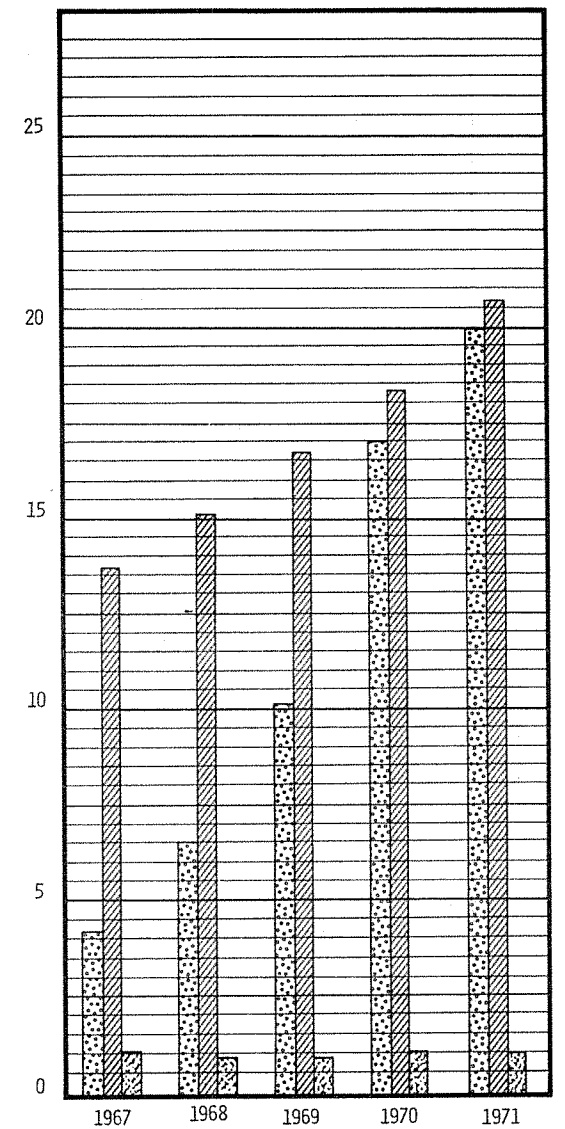
** Union Contract Increases






 REVENUE IN MILLIONS
 EXPENSE IN MILLIONS



 MILES OF MAIN IN HUNDREDS
 BILLION GALLONS OF WATER PRODUCED
 COST PER 1,000 GALLONS

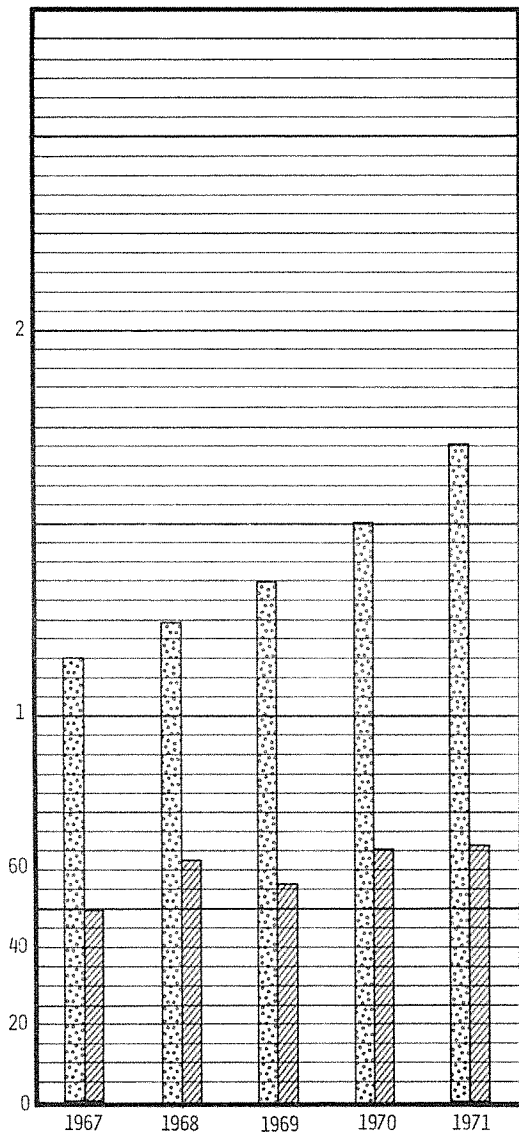




 NEW WATER CONNECTIONS IN HUNDREDS
 PLANT VALUE IN MILLIONS
 RATIO OF OPERATIONS & MAINTENANCE TO ASSETS IN HUNDREDTHS

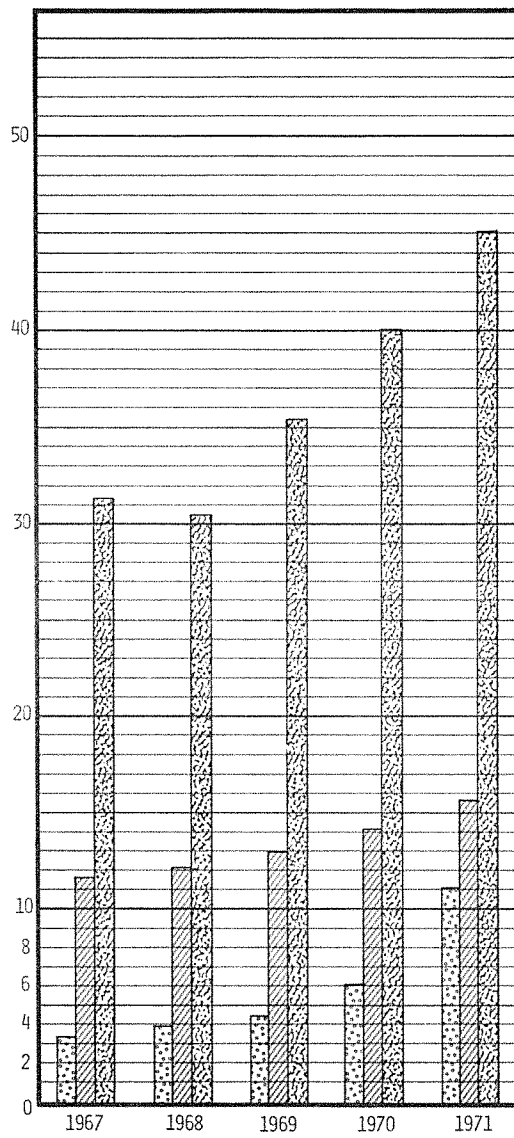





ANCHORAGE WATER UTILITY

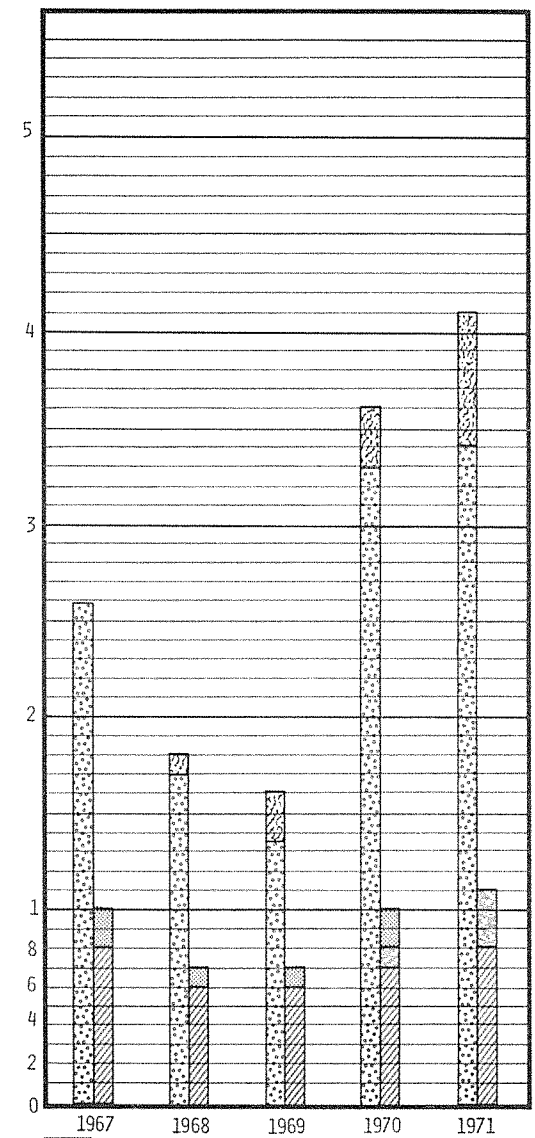









 NUMBER OF HYDRANTS IN THOUSANDS
 COST OF EACH HYDRANT OPERATION IN \$



 NUMBER OF METERS IN HUNDREDS
 NUMBER OF ACCOUNTS BILLED IN THOUSANDS
 NUMBER OF SERVICE ORDERS IN THOUSANDS



 CAPITAL IMPROVEMENTS IN MILLIONS OF \$
 AGREEMENTS FINANCED IN MILLIONS OF \$
 ENGINEERING PERSONNEL
 TEMPORARY PERSONNEL
 ON LOAN PERSONNEL



ANCHORAGE WATER UTILITY

