

## MUNICIPALITY OF ANCHORAGE

PAGE

Public Utilities	Unit No	Utility	Unit No.	Division	Unit No.	
		Anchorage Water Utility	8700			
<u>Resource Impacts</u>						
	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>
Growth Factors-Population	231,850	241,410	241,540	242,210	244,450	247,662
Bond Sales (000)	43,935	20,540	6,965	6,920	8,010	7,835
Grants Anticipated (000)	70,130	53,000	13,780	9,975	6,500	2,330
<u>Personnel Increases</u>						
Program:						
Operations and Maintenance	2	15	7	6	6	3
Eklutna Water Project	-	-	-	1	2	-
Water Treatment Plant	-	3	3	-	-	-
Laboratory	-	1	-	1	-	-
Wastewater Treatment	-	1	3	1	-	-
Administrative and General	8	8	1	2	1	7
	<u>10</u>	<u>28</u>	<u>14</u>	<u>11</u>	<u>9</u>	<u>10</u>
Total Personnel	295	323	337	348	357	367
<u>Revenue</u>	18,696,850	20,643,190	23,551,920	28,462,480	31,964,910	34,889,890
<u>Expense</u>	18,472,110	20,319,320	23,367,220	26,171,290	29,311,840	32,243,020
<u>Net Income Regulatory</u>	224,740	323,870	184,700	2,291,190	2,653,070	2,646,870
Possible Rate Increases (Year Requested)	23.94%		24.42%		18.19%	

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.
	8000	Anchorage Water Utility	8700		

1985 Budget ImpactsOperating

1. The large volume of private development construction completed in 1984 combined with our significantly increased Capital Program continues to push a requirement for increased personnel to operate, maintain, and inspect this additional plant.
2. Increased emphasis on the maintenance and repair of the wells acquired from Central Alaska Utilities will continue in 1985.

Capital

1. Continuation of the Eklutna Water Project is projected to be AWWU's largest funding requirement during 1985 and is estimated to cost \$62 million. This phase will provide for construction management for and construction of the Water Treatment Plant.
2. Expansion of the Ship Creek Water Treatment Plant will continue through 1985. This project will increase the plant's capacity from 10 MGD to 24 MGD which is vital for the short term growth of Anchorage.
3. A 5 million gallon reservoir in Eagle River will provide for a more reliable system and create sustained fire flow capabilities for a rapidly expanding Central Business District.
4. Continued extension of the South Anchorage 30-inch transmission main will take place during 1985. Phase IV will begin providing the major transmission main across the Seward Highway to connect the southeast portion of the system to the southwest portion.

## MUNICIPALITY OF ANCHORAGE

PAGE

Public Utilities	Unit No. 8000	Utility Anchorage Water Utility	Unit No. 8700	Division	Unit No.
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA					
LINE ITEM DESCRIPTION	1983 ACTUAL	1984 PRO-FORMA			
			1985 PROPOSED	1985 ADOPTED	
<u>Operating Budget</u>					
Revenue	10,727,810	15,488,230	18,696,850	18,696,850	
Expense	10,954,530	17,185,100	20,749,010	20,749,010	
Net Income for Governmental Financial Reporting	(226,720)	(1,696,870)	(2,052,160)	(2,052,160)	
Adjustment for Regulatory Reporting	1,235,010	2,023,900	2,276,900	2,276,900	
Net Income (Regulatory)	1,008,290	327,030	224,740	224,740	
<u>Capital Budget</u>	<u>Appropriated</u>				
Project Category					
◦ Resource Development	31,105,000	69,180,000	69,140,000	69,140,000	
◦ Treatment	7,410,000	3,890,000	1,480,000	1,480,000	
◦ Distribution Reservoirs	2,607,000	375,000	900,000	900,000	
◦ Distribution	1,937,000	1,200,000	3,128,000	3,128,000	
◦ Transmission	2,424,000	5,665,000	10,240,000	10,240,000	
◦ Upgrade Transmission	643,000	1,490,000	5,827,000	5,827,000	
◦ Repair and Rehabilitation	1,830,000	1,640,000	1,570,000	1,570,000	
◦ New Equipment	830,000	2,120,000	3,580,000	3,580,000	
◦ Buildings	320,000	170,000	19,395,000	19,395,000	
Total	49,106,000	85,730,000	115,260,000	115,260,000	

## MUNICIPALITY OF ANCHORAGE

PAGE

Public Utilities	Unit No. 8000	Utility Anchorage Water Utility	Unit No. 8700	Division	Unit No.
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA					
LINE ITEM DESCRIPTION	1983 ACTUAL	1984 PRO-FORMA	1985 PROPOSED	1985 ADOPTED	
<u>STATEMENT OF REVENUE AND EXPENSE</u>					
<u>OPERATING REVENUE</u>					
4601 Residential Sales	4,430,390	7,993,290	8,755,280	8,755,280	
4602 Commercial Sales	3,003,780	3,675,760	4,164,970	4,164,970	
4603 Industrial Sales	51,960	60,370	64,410	64,410	
4630 Public Fire Protection	877,360	1,217,090	1,643,110	1,643,110	
4710 Miscellaneous Service Revenue	100	-0-	-0-	-0-	
4742 Hydrant Use Charge	77,250	93,070	110,430	110,430	
Total Operating Revenue	8,440,840	13,039,580	14,738,200	4,738,200	
<u>OPERATING EXPENSE</u>					
6000 Source of Supply	657,570	1,310,000	1,481,000	1,481,000	
6400 Treatment	851,350	1,055,000	1,179,000	1,179,000	
6600 Transmission	2,106,790	3,027,000	3,402,000	3,402,000	
9000 Customer Accounts	939,170	1,265,000	1,493,000	1,493,000	
9200 Administrative & General	1,778,050	3,383,000	3,910,000	3,910,000	
4030 Depreciation	1,131,910	1,848,700	2,218,400	2,218,400	
4080 Service Assessment Taxes	394,500	612,500	735,000	735,000	
* Total Operating Expense	7,859,340	12,501,200	14,418,400	4,418,400	
Operating Income	581,500	538,380	319,800	319,800	
*Depreciation of Contributed plant not included					

Public Utilities	Unit No. 8000	Utility Anchorage Water Utility	Unit No. 8700	Division	Unit No.
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA					
LINE ITEM DESCRIPTION	1983 ACTUAL	1984 PRO-FORMA	1985 PROPOSED	1985 ADOPTED	
<u>STATEMENT OF REVENUE AND EXPENSE</u>					
<u>NON-OPERATING REVENUE</u>					
4180 Rental Income	273,650	273,650	273,650	273,650	
4190 Interest Revenue - Construction	1,414,990	1,700,000	3,200,000	3,200,000	
4191 Interest - Short-Term Invest	595,200	470,000	480,000	480,000	
4210 Miscellaneous Income	3,130	5,000	5,000	5,000	
Total Non-Operating Revenue	2,286,970	2,448,650	3,958,650	3,958,650	
<u>NON-OPERATING EXPENSE</u>					
4250 Loss on Refunding Issue	41,140	40,000	40,000	40,000	
4270 Interest - Long-Term Debt	1,819,040	2,520,000	3,913,710	3,913,710	
4300 Interest Expense - General Cash	-0-	100,000	100,000	100,000	
Total Non-Operating Expense	1,860,180	2,660,000	4,053,710	4,053,710	
Non-Operating Income	426,790	(211,350)	(95,060)	(95,060)	
Net Income	1,008,290	327,030	224,740	224,740	
Net Income - Regulatory	1,008,290	327,030	224,740	224,740	
Less: 4031 - Depreciation of Contributed plant	1,235,010	2,023,900	2,276,900	2,276,900	
Net Income for Governmental Financial Reporting	(226,720)	(1,696,870)	(2,052,160)	(2,052,160)	

## MUNICIPALITY OF ANCHORAGE

PAGE

Public Utilities	Unit No. 8000	Utility Anchorage Water Utility	Unit No. 8700	Division	Unit No.
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA					
LINE ITEM DESCRIPTION	1983 ACTUAL	1984 PRO-FORMA			
			1985 PROPOSED	1985 ADOPTED	
<u>MISCELLANEOUS STATISTICAL DATA</u>					
<u>Water Utility</u>					
Number of Customers	20,275	38,491	43,225	43,225	
Average Treatment Plant Production (GPD)	8,847,450	9,033,000	9,208,000	9,208,000	
Average Well Production (GPD)					
Original AWWU System	7,207,700	7,468,600	8,012,500	8,012,500	
Former CAU System	N/A	4,690,900	4,737,500	4,737,500	
Eagle River System	N/A	447,900	468,750	468,750	
Miles of Water Mains	350.4	385.1	402.1	402.1	
Number of Fire Hydrants	2,643	4,180	4,583	4,583	
<u>Wastewater Utility</u>					
Number of Customers	36,938	40,447	44,289	44,289	
Average Treatment (GPD)					
Anchorage Plant	31,010,000	31,310,000	32,100,000	32,100,000	
Eagle River Plant	624,300	697,250	703,700	703,700	
Girdwood Plant	164,800	195,200	196,800	196,800	
Miles of Wastewater Lines					
Interceptors	43.50	50.46	53	53	
Trunks	90.50	96.32	100	100	
Laterals	402.53	412.33	425	425	

ANCHORAGE WATER UTILITY  
1985 CAPITAL IMPROVEMENT BUDGET FINANCIAL SUMMARY

Project Title	Total Project Cost 1985	Bond	Operational	Grant
Resource Development	69,140	16,700	-	52,440
Treatment	1,480	150	-	1,330
Distribution Reservoir	900	100	-	800
Transmission	10,240	1,530	-	8,710
Distribution	3,128	1,580	500	1,048
Upgrade Transmission	5,827	1,000	-	4,827
Repair & Rehabilitation	1,570	595	-	975
New Equipment	3,580	2,885	695	-
<u>Buildings</u>	19,395	19,395	-	-
Total	115,260	43,935	1,195	70,130

\$ In Thousands

ANCHORAGE WATER UTILITY

1985-1990 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY  
(000)

Project Title	Total Project Cost						Bond	Operational	Grant	Total
	1985	1986	1987	1988	1989	1990				
Resource Development	69,140	54,800	620	-	20	-	30,150	-	94,430	124,580
Treatment	1,480	1,000	200	200	200	200	150	-	3,130	3,280
Distribution Reservoirs	900	5,050	4,750	4,100	4,200	-	1,200	-	17,800	19,000
Transmission	10,240	5,445	8,985	5,505	3,930	3,550	17,075	-	20,580	37,655
Distribution	3,128	1,550	1,750	1,950	2,250	2,500	9,080	3,000	1,048	13,128
Upgrade Transmission	5,827	2,445	1,910	2,880	1,770	1,780	4,750	-	11,862	16,612
Repair & Rehabilitation	1,570	1,945	2,030	2,185	2,040	2,010	4,915	-	6,865	11,780
New Equipment	3,580	2,395	1,630	1,245	1,310	1,375	7,240	4,295	-	11,535
Buildings	19,395	50	50	50	50	50	19,645	-	-	19,645
Total	115,260	74,680	21,925	18,115	15,770	11,465	94,205	7,295	155,715	257,215
Carry Over										
Total Construction Program	115,260	74,680	21,925	18,115	15,770	11,465	94,205	7,295	155,715	257,215
Source of Funding										
Bond	43,935	20,540	6,965	6,920	8,010	7,835	94,205			94,205
Operational	1,195	1,140	1,180	1,220	1,260	1,300		7,295		7,295
Grant	70,130	53,000	13,780	9,975	6,500	2,330			155,715	155,715
Total Funding	115,260	74,680	21,925	18,115	15,770	11,465				257,215