

MUNICIPALITY OF ANCHORAGE

Utility	Division			Budget Year
ANCHORAGE WATER UTILITY				1989
ANCHORAGE WATER UTILITY RECONCILIATION OF 1988 BUDGET TO 1989 BUDGET (\$000)				
	<u>1988 BUDGET</u>	<u>1989 BUDGET</u>	<u>VARIANCE</u>	<u>EXPLANATION</u>
<u>REVENUE</u>				
Operating Revenues	19,894	24,499	4,605	A
Non-Operating Revenues	<u>1,825</u>	<u>1,518</u>	<u>(307)</u>	B
TOTAL REVENUES	21,719	26,017	4,298	
<u>OPERATING EXPENSES</u>				
Operations	12,564	12,741	177	
Depreciation	1,961	2,820	859	
MUSA	<u>2,636</u>	<u>1,187</u>	<u>(1,449)</u>	
TOTAL OPERATING EXPENSES	17,161	16,748	(413)	C
Non-Operating Expenses	4,448	8,074	3,626	D
Total Expenses	21,609	24,822	3,213	
Net Income Regulatory	110	1,195	1,085	
Adjustment for GAAP Method	(3,231)	(4,092)	861	E
Net Income GAAP	(3,121)	(2,897)	(224)	

Utility ANCHORAGE WATER UTILITY	Division	Budget Year 1989
<p>RECONCILIATION OF 1988 BUDGET TO 1989 BUDGET EXPLANATION OF VARIANCE</p> <p>A. Reflects rate increase of 36.8% with no additional customer loss.</p> <p>B. Decrease in interest earnings caused by draw-down of cash balances in construction cash pool.</p> <p>C. Operating cost reductions offset by full-year operating expenses and depreciation for Eklutna. MUSA calculation based on mill rate for non-contributed plant plus 1.25% of operating revenue.</p> <p>D. Debt coverage on Eklutna bonds.</p> <p>E. Represents depreciation of contributed plant (acquired with grant funds or constructed by a private developer). Regulatory accounting does not allow this to be considered as an operating expense. Generally accepted accounting principles (GAAP) does require it to be shown as an operating expense.</p>		

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Utility ANCHORAGE WATER UTILITY	Division	Budget Year 1989
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ANCHORAGE WATER UTILITY
 PROJECTED RATE INCREASES

1989: 37%

Components: 56% Debt Service
 16% Depreciation Expense
 18% Operational Construction
 10% Operating Expense

1990: 3.5%

Components: 10% Operational Construction
 10% Depreciation Expense
 80% MUSA

1993: 4.5%

Components: 81% Operating Expense
 19% Depreciation Expense

WATER RATE INCREASES

Water rates will increase in 1989 and 1990 primarily due to the Eklutna Water Project. Placing this project into service will require that rates be increased to recover the debt service and Municipal Utility Service Assessment (MUSA) associated with the project. The \$55 million general obligation bond issued to fund the project has a \$5 million annual debt service requirement which will increase rates approximately 35 percent.

If the Utility's MUSA methodology does not change (status quo), rates will increase an additional 10 percent; if the MUSA methodology is changed such that the assessment is based on non-contributed plant and 1.25 percent of operating revenues (actual receipts), rates will increase an additional 2 percent. Cost of living increases, chemical, and other utility rate increases will increase rates an additional 5 percent. A revenue requirement study is in progress which will firm up these estimates.

MUNICIPALITY OF ANCHORAGE

Utility ANCHORAGE WATER UTILITY	Division						Budget Year 1989
<u>RESOURCE IMPACTS</u>							
	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	
Bond Sales (000)	10,000	0	3,763	6,457	4,428	7,169	
Grants Anticipated (000)	128	68	248	157	50	50	
Loans	1,038	8,214	0	0	0	0	
<u>Total Water/Wastewater Personnel Increases</u>							
Program:							
Operations & Maintenance	-	-	1	-	1	-	
Treatment Plant	-	-	-	-	-	-	
Administrative & General	-	-	-	-	-	-	
	0	0	1	0	1	0	
Total Personnel	285	285	286	286	287	287	
<u>Personnel by bargaining unit/classification</u>							
Executive	10						
Non-Rep	60						
AMEA	81						
JCC	134						

MUNICIPALITY OF ANCHORAGE

Utility ANCHORAGE WATER UTILITY	Division				Budget Year 1989
MISCELLANEOUS STATISTICAL DATA					
<u>Water Utility</u>	1986 <u>ACTUAL</u>	1987 <u>ACTUAL</u>	1988 <u>ESTIMATED</u>	1989 <u>ESTIMATED</u>	
Number of Customers	39,904	38,795	38,600	38,600	
Average Treatment Plant Production (GPD)	12,406,225	14,500,118	15,325,000	16,400,000	
Average Well Production (GPD)					
Anchorage Bowl Wells	12,627,891	9,533,249	9,000,000	7,925,000	
Eagle River Wells	356,035	149,178	100,000	100,000	
Miles of Water Mains	605	624	633	635	
Number of Fire Hydrants	4,775	5,000	5,000	5,000	

Utility ANCHORAGE WATER UTILITY	Division	Budget Year 1989
<p data-bbox="142 235 451 267"><u>1989 Budget Impacts</u></p> <p data-bbox="898 332 1050 365" style="text-align: center;"><u>Operating</u></p> <ol data-bbox="142 430 1806 560" style="list-style-type: none"> 1. Cost reduction measures begun in 1987 are being carried over into 1989. Budgeted positions are down from 330 in 1987, to 312 in 1988, to 285 in 1989. Completion of the Eklutna Water Project will increase operating costs for labor, supplies, chemicals, depreciation expense, and MUSA. These increases will be mitigated by reductions made in other across-the-board areas of operations. <p data-bbox="919 690 1029 722" style="text-align: center;"><u>Capital</u></p> <ol data-bbox="142 787 1795 1047" style="list-style-type: none"> 1. The Eklutna Water Project was completed in 1988, we have no major projects scheduled for 1989. 2. A 48" transmission main from Ship Creek to the Reservoirs on Tudor Road will transport an adequate supply of water to serve projected demands south and west of the Tudor Road Reservoirs and the higher elevation areas of Muldoon. Preliminary design in 1988 and 1989 of Phases IA, IB, II; final design and construction of Phase IA in 1990; final design and construction of Phase IB, and final design of Phase II in 1991 with construction in 1992 of the Eklutna Water Project/South Anchorage Transmission Main is scheduled. 		

MUNICIPALITY OF ANCHORAGE

Utility ANCHORAGE WATER UTILITY	Division		Budget Year 1989
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
<u>OPERATING BUDGET</u>			
Revenue	21,303,585	20,322,270	26,017,574
Expense	23,596,549	23,598,520	28,914,659
Net Income for Governmental Financial Reporting	(2,292,964)	(3,276,250)	(2,897,085)
Adjustment for Regulatory Reporting	2,684,025	2,992,680	4,092,320
Net Income (Regulatory)	391,061	(283,570)	1,195,235
<u>Capital Budget</u>			
Project Category			
◦ Resource Development	20,000	0	0
◦ Treatment	950,000	175,000	0
◦ Distribution Reservoirs	1,550,000	50,000	0
◦ Distribution	2,670,000	1,100,000	500,000
◦ Transmission	5,900,000	691,000	966,000
◦ Upgrade Transmission	337,000	0	0
◦ Repair & Rehabilitation	1,223,000	459,000	688,000
◦ New Equipment	1,307,000	509,000	718,000
◦ Buildings	0	0	0
Total	13,957,000	2,984,000	2,872,000

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Utility ANCHORAGE WATER UTILITY	Division	Budget Year 1989	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
STATEMENT OF REVENUE & EXPENSE			
<u>OPERATING REVENUE</u>			
4601 Residential Sales	11,488,388	11,837,220	16,195,093
4602 Commercial Sales	4,288,422	4,337,800	5,934,761
4630 Public Fire Protection	1,153,740	1,653,470	2,262,195
4710 Miscellaneous Service Revenue	0	0	0
4742 Hydrant Use Charge	<u>98,533</u>	<u>78,270</u>	<u>107,085</u>
Total Operating Revenue	17,029,083	17,906,760	24,499,134
<u>OPERATING EXPENSE</u>			
6000 Source of Supply	1,698,078	1,481,840	1,518,430
6400 Treatment	1,365,353	1,415,670	1,899,260
6600 Transmission	3,080,094	3,176,710	3,342,050
9000 Customer Accounts	1,734,206	1,506,050	1,740,100
9200 General & Administrative	4,190,113	4,171,060	4,241,290
4030 Depreciation	1,517,641	1,685,200	2,820,350
4080 Service Assessment Taxes	<u>2,156,478</u>	<u>2,646,370</u>	<u>1,187,109</u>
*Total Operating Expense	15,741,963	16,082,900	16,748,589
Operating Income	1,287,120	1,823,860	7,750,545
*Depreciation of Contributed plant not included			

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Utility ANCHORAGE WATER UTILITY	Division		Budget Year 1989
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
STATEMENT OF REVENUE & EXPENSE			
<u>NON-OPERATING REVENUE</u>			
4180 Rental Income	315,510	315,510	321,340
4190 Interest Revenue - Construction	1,151,584	410,580	4,190
4190 Interest - General Cash Pool	2,764,672	598,150	479,480
4190 Interest - Bond Redemption Resv.	0	483,560	447,540
4190 Interest - Bond Pmt. Deposits	0	105,920	100,220
4190 Interest - Other	<u>42,736</u>	<u>501,790</u>	<u>165,670</u>
Total Non-Operating Revenue	4,274,502	2,415,510	1,518,440
<u>NON-OPERATING EXPENSE</u>			
4250 Amortization of Deferred Debits	102,442	244,210	240,000
4270 Interest - Long-Term Debt	8,193,177	8,105,110	8,004,320
4300 Interest Expense - General Cash Pool	144,654	0	0
4192 AFUDC	<u>(3,269,712)</u>	<u>(3,826,380)</u>	<u>(170,570)</u>
Total Non-Operating Expense	5,170,561	4,522,940	8,073,750
Non-Operating Income	(896,059)	(2,107,430)	(6,555,310)
Net Income	391,061	(283,570)	1,195,235
Net Income - Regulatory	391,061	(283,570)	1,195,235
Less: 4031 - Depreciation of Contributed plant	2,684,025	2,992,680	4,092,320
Net Income for Governmental Financial Reporting	(2,292,964)	(3,276,250)	(2,897,085)

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Utility ANCHORAGE WATER UTILITY	Division		Budget Year 1989
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
STATEMENT OF SOURCES AND USES OF CASH FUNDS			
SOURCES OF CASH FUNDS:			
Net Income (Loss)	\$ (2,292,964)	\$ (3,276,250)	\$(2,897,085)
Depreciation	4,201,666	4,677,880	6,912,670
Bond Proceeds	0	0	0
Grants	15,836,262	1,983,983	1,370,620
Assessments	313,317	420,000	360,000
Other	<u>2,812,538</u>	<u>510,157</u>	<u>0</u>
Total Sources of Cash Funds	\$ <u>20,870,819</u>	\$ <u>4,315,770</u>	\$ <u>5,746,205</u>
USES OF CASH FUNDS:			
Additions to Plant	54,345,991	20,637,732	9,068,236
Bond Principal Payment	1,708,594	1,708,600	1,823,600
Other	<u>2,471,229</u>	<u>0</u>	<u>500,000</u>
Total Uses of Cash Funds	<u>58,525,814</u>	<u>22,346,332</u>	<u>11,391,836</u>
Net Increase (Decrease) in Cash Funds	(37,654,995)	(18,030,562)	(5,645,631)
Cash Balance January 1,	\$ <u>74,832,012</u>	\$ <u>37,177,017</u>	\$ <u>19,146,455</u>
Cash Balance December 31,	\$ <u>37,177,017</u>	\$ <u>19,146,455</u>	\$ <u>13,500,824</u>
DETAIL OF CASH BALANCE:			
Equity in General Cash Pool	\$ 8,075,619	\$ 4,377,702	\$ 5,978,411
Equity in Construction Cash Pool	22,226,885	6,746,340	0
Revenue Bond Redemption Reserve	4,744,513	4,711,413	4,711,413
Revenue Bond Sinking Fund Reserve	2,130,000	2,141,000	2,141,000
PILA/Meter Financing	<u>0</u>	<u>1,170,000</u>	<u>670,000</u>
Total Cash Balance December 31,	<u>37,177,017</u>	<u>19,146,455</u>	<u>13,500,824</u>

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Utility ANCHORAGE WATER UTILITY	Division		Budget Year 1989
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
STATEMENT OF CHANGES IN FUND EQUITY			
Balance January 1	\$185,053,865	\$208,887,167	\$211,507,580
Net Income (Loss)	(2,292,964)	(3,276,250)	(2,897,085)
Contributions Received	23,442,241	2,903,983	1,730,620
Depreciation on Contributed Plant	<u>2,684,025</u>	<u>2,992,680</u>	<u>4,092,320</u>
Balance December 31,	<u>\$208,887,167</u>	<u>\$211,507,580</u>	<u>\$214,433,435</u>
Detail of Fund Equity:			
Retained Earnings	\$ 19,204,574	\$ 18,921,004	\$ 20,116,239
Contributed Capital	<u>189,682,593</u>	<u>192,586,576</u>	<u>194,317,196</u>
Total Fund Equity December 31,	<u>\$208,887,167</u>	<u>\$211,507,580</u>	<u>\$214,433,435</u>

Utility ANCHORAGE WATER UTILITY	Division			Budget Year 1989
Municipality of Anchorage Financial Data				
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget	
<u>STATEMENT OF DEBT SERVICE COVERAGE</u>				
Amount Available For Debt Service	6,778,769	7,658,570	13,886,310	
Debt Service Requirement	4,794,564	4,791,809	5,613,156	
Debt Coverage (Revenue Bonds)	1.41	1.60	2.47	

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Utility ANCHORAGE WATER UTILITY	Division		Budget Year 1989
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1987</u> Actual	Year: <u>1988</u> Pro-Forma	Year: <u>1989</u> Budget
<u>NET PROFIT MARGIN</u>			
Net Income Governmental Reporting	(2,292,964)	(3,276,250)	(2,897,085)
Operating Revenues	17,029,083	17,906,760	24,499,134
Net Profit Margin Governmental Reporting	(13.46)%	(18.30)%	(11.83)%
Net Income Regulatory	391,061	(283,570)	1,195,235
Operating Revenues	17,029,083	17,906,760	24,499,134
Net Profit Margin Regulatory	2.30%	(1.58)%	4.88%

MUNICIPALITY OF ANCHORAGE

Utility	Division			Budget Year
ANCHORAGE WATER UTILITY				1989
ANCHORAGE WATER UTILITY OPERATING BUDGET				
EXPENSE ITEMS	ACTUAL 1986	ACTUAL 1987	PRO FORMA 1988	BUDGET 1989
Personnel Costs	4,893,878	5,055,874	4,638,807	5,071,731
Benefit Costs	2,282,107	2,484,355	2,384,156	2,606,660
Professional Services	86,801	445,120	318,230	302,320
Travel	28,395	15,692	13,300	10,000
Depreciation & Amortization	3,818,922	4,201,666	4,677,880	6,912,670
Interest	6,014,631	5,170,561	4,522,940	8,073,750
MUSA	1,298,888	2,156,478	2,646,370	1,187,109
SUBTOTAL	18,423,622	19,529,746	19,201,683	24,164,240
Intergovernmental Charges				
Finance Department	320,630	289,978	399,740	352,910
Information Systems Department	17,022	102,071	16,710	16,040
Public Utilities Administration	109,165	122,913	14,500	35,000
Public Utilities Customer Service	39,925	0	0	0
Public Utilities Credit & Collections	297,079	27,883	0	0
Human Resources Department	43,635	126,874	123,360	123,640
Other Intergovernmental Charges	211,554	205,007	314,270	273,250
Sub Total IGC	<u>1,039,010</u>	<u>874,726</u>	<u>868,580</u>	<u>800,840</u>
Purchased Utilities	1,155,960	1,217,629	1,318,350	1,371,080
Materials/Repairs/Supplies	523,624	615,072	513,800	741,870
Other Expenses	<u>1,715,539</u>	<u>1,359,376</u>	<u>1,696,107</u>	<u>1,836,629</u>
TOTAL EXPENSES	<u>22,857,755</u>	<u>23,596,549</u>	<u>23,598,520</u>	<u>28,914,659</u>

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.
JUL 15 1989	8700	ANCHORAGE WATER UTILITY			

1989 CAPITAL IMPROVEMENT BUDGET FINANCIAL SUMMARY

PROJECT CATEGORY	TOTAL PROJECT COST 1989	REVENUE BONDS	G.O. BONDS	OPERATIONS	STATE GRANTS	EKLUTNA BONDS	LOAN/ APPROP
Transmission	966	0	0	0	128	450	388
Distribution	500	0	0	150	0	0	350
Repair & Rehabilitat	688	0	0	388	0	0	300
New Equipment	718	0	0	718	0	0	0
Total (000)	2,872	0	0	1,256	128	450	1,038

REVENUE BONDS:

Bonds secured by future earnings of the Utility.

GENERAL OBLIGATION (G.O.) BONDS:

Bonds secured by the Municipality (taxes) and approved by voters.

OPERATIONS:

Funds derived from Utility Income.

STATE GRANTS:

Funds from Alaska Department of Environmental Conservation (ADEC).

FEDERAL GRANTS:

Funds from U.S. Environmental Protection Agency (EPA).

LOAN/APPROPRIATION:

Funds from State or Federal revolving loan program and direct appropriations from State of Alaska.

EKLUTNA BONDS:

G.O. Bonds not needed for Eklutna Project to be used for other related water projects.

Utility: WATER

Project Category	Project Title	Location	Funding			Total
			Bonds G=GO Bonds R=Rev Bonds	Operations	Grants E=Ekutna S=State U=Loan/App	
Transmission	PIA EWP-S Anch WTM	MD, CA	G R		E 450 S U	450
	Raspberry Road Betterment	Sand Lake	G R		F S 128 U 172	300
	Spenard Road Phase II	SP, IA	G R		F S U 216	216
Requested by SHARON L. ROBERTS Date 07/15/88			G R		E 450 S 128 U 388	966

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Utility: WATER

Project Category	Project Title	Location	F u n d i n g			Total
			Bonds G=GO Bonds R=Rev Bonds	Operations	Grants F=Federal S=State U=Loan/App	
Distribution	Arctic Interties - DPW Related Project	Campbell Taku	G R		F S U 150	150
	Contingency WIDs	Areawide (Anch, ER)	G R		F S U 200	200
	Water Service Connects	Areawide (Anch, ER)	G R	150	F S U	150
Requested by SHARON L. ROBERTS Date 07/15/88			G R	150	F S U 350	500

Utility: WATER

Project Category	Project Title	Location	Funding			Total
			Bonds G=GO Bonds R=Rev Bonds	Operations	Grants F=Federal S=State U=Loan/App	
Repair & Rehabilitation	MOA Road Related Projects	Areawide (Anch, ER)	G R		F S U 200	200
	R-R Emergency	Areawide (Anch, ER)	G R	388	F S U	388
	State DOTPF Highway Related Projects	Areawide (Anch, ER)	G R		F S U 100	100
Requested by SHARON L. ROBERTS Date 07/15/88			G R	388	F S U 300	688

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Utility: WATER

Project Category	Project Title	Location	F u n d i n g			Total
			Bonds G=GO Bonds R=Rev Bonds	Operations	Grants F=Federal S=State U=Loan/App	
New Equipment	CPR	Areawide (Anch, ER)	G R	13	F S U	13
	Misc Equipment	Areawide (Anch, ER)	G R	200	F S U	200
	Vehicles	Areawide (Anch, ER)	G R	180	F S U	180
	Water Meters	Areawide (Anch, ER)	G R	325	F S U	325
Requested by SHARON L. ROBERTS Date 07/15/88			G R	718	F S U	718

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.								
JUL 15 1988	8700	ANCHORAGE WATER UTILITY											
CIB/CIP 1989 - 1994													
PROJECT CATEGORY	1989	1990	1991	1992	1993	1994	REVENUE BONDS	G.O. BONDS	OPERA- TIONS	STATE GRANTS	EKLUTNA BONDS	LOAN/ APPROP	TOTAL
Resource Development	0	0	0	150	0	0	150	0	0	0	0	0	150
Treatment	0	0	0	125	100	100	325	0	0	0	0	0	325
Distribution Reservo	0	300	300	0	400	900	1,000	0	900	0	0	0	1,900
Transmission	966	5,870	2,235	4,275	1,680	3,650	11,486	0	0	222	1,000	5,968	18,676
Distribution	500	1,154	260	610	350	350	169	0	1,500	201	0	1,354	3,224
Upgrade Transmission	0	20	150	0	550	50	500	0	0	250	0	20	770
Repair & Rehabilitat	688	1,425	1,333	1,294	1,508	1,769	5,904	0	688	28	0	1,397	8,017
New Equipment	718	1,390	983	1,210	1,240	1,500	2,283	0	4,245	0	0	513	7,041
Buildings	0	15	0	0	0	0	0	0	15	0	0	0	15
Total Program	2,872	10,174	5,261	7,664	5,828	8,319	21,817	0	7,348	701	1,000	9,252	40,118
SOURCE OF FUNDING													
Revenue Bonds	0	0	3,763	6,457	4,428	7,169	21,817	0	0	0	0	0	21,817
G.O. Bonds	0	0	0	0	0	0	0	0	0	0	0	0	0
Operational	1,256	1,642	950	1,050	1,350	1,100	0	0	7,348	0	0	0	7,348
State Grant	128	68	248	157	50	50	0	0	0	701	0	0	701
Eklutna Bonds	450	250	300	0	0	0	0	0	0	0	1,000	0	1,000
Loan/Approp	1,038	8,214	0	0	0	0	0	0	0	0	0	9,252	9,252
Total Funding	2,872	10,174	5,261	7,664	5,828	8,319	0	0	0	0	0	0	40,118

Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
Transmission	6th - 32nd Avenue Mains	Muldoon	G	G	G	G	G
			R	R	R	R	R
				100			
	ER Main Imps - Terrace Hills	Eagle River, Chugiak	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
				81			
				54			
	ER Transmission System Interties	Eagle River, Chugiak	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
					100		
	Intertie - Raspberry Road	Sand Lake	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
				40			
				80			
	Jewel Lake Main	Sand Lake	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						250	
							1,900
	Misc New Transmission Mains	Areawide (Anch, ER)	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
							500

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Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
Transmission	Muldoon Area Connections-Upgrades	Muldoon	G	G	G	G	G
			R	R 100	R 500	R	R
		O	O	O	O	O	
		E 100	F	F	F	F	
		S	S	S	S	S	
		U	U	U	U	U	
	New Pressure Reduc Valves & Vaults	Areawide (Anch, ER)	G	G	G	G	G
R			R	R 75	R	R	
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
	PIA EWP-S Anch WTM	MD, CA	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U 5,000	U	U	U	U
	PIB EWP-S Anch WTM	MD, CA	G	G	G	G	G
			R	R 1,600	R	R	R
			O	O	O	O	O
			E 150	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
	PII EWP-S Anch WTM	MD, CA	G	G	G	G	G
			R	R	R 3,300	R	R
			O	O	O	O	O
			F	E 300	F	F	F
			S	S	S	S	S
			U	U	U	U	U
	Port Water Line	Ship Creek	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U 500	U	U	U	U

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4-49j

Utility: WATER

Project Category	Project Title	Location	Budget by Year					
			1990	1991	1992	1993	1994	
Transmission	Private Development Oversizing	Areawide (Anch, ER)	G	G	G	G	G	
			R	R 100	R 250	R 200	R 250	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S		
			U	U	U	U		
	Turnagain View East TM	Hillside	G	G	G	G	G	
			R	R	R	R 200	R 1,000	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
			U	U	U	U	U	
	Victor Street TM	Campbell Lake/Klatt	G	G	G	G	G	
			R	R	R 50	R 330	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
			U	U	U	U	U	
	W Dimond - Sand Lake Mains	SL, CK	G	G	G	G	G	
			R	R	R	R 600	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
			U	U	U	U	U	
			GO BONDS					
			REV BONDS	1,881	4,275	1,680	3,650	
			OPERATIONS					
			ST GRANTS	40	54			
			EKLUTNA	250	300			
			LOAN/APPRO	5,580				
Requested by	SHARON L. ROBERTS	Date 07/15/88	PAGE TOTAL	5,870	2,235	4,275	1,680	3,650

FUTURE CAPITAL PROJECTS
1990 - 1994

Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
Distribution Reservoirs	Reservoir Painting	Areawide (Anch, ER)	GRFSU 300	GRFSU 300	GRFSU	GRFSU 300	GRFSU
	Zodiak Reservoir	Hillside	GRFSU	GRFSU	GRFSU	GRFSU 100	GRFSU 900
						100	900
			300	300		300	
Requested by SHARON L. ROBERTS			Date 07/15/88				
			300	300		400	900

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4-49m

Utility: WATER

Project Category	Project Title	Location	Budget by Year					
			1990	1991	1992	1993	1994	
Distribution	Turnagain WID 307	Turnagain	G					
			R					
			O					
			F					
			S	100	100			
U	200							
Water Service Connects	Areawide (Anch, ER)	Areawide (Anch, ER)	G					
			R					
			O	150	150	350	350	350
			F					
			S					
U								
			GO BONDS					
			REV BONDS		66	103		
			OPERATIONS	150	150	350	350	
			ST GRANTS		44	157		
			FED GRANTS	100				
			LOAN/APPRO	1,004				
Requested by SHARON L. ROBERTS			Date 07/15/88	PAGE TOTAL	1,154	260	610	350



Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
Distribution	Al Cross WID 382	Eagle River, Chugiak	G R O F S S U 394	G R O F S S U	G R O F S S U	G R O F S S U	G R O F S S U
	Aviation II WID	International Apt.	G R O F S S U 194	G R O F S S U	G R O F S S U	G R O F S S U	G R O F S S U
	Baranof 1-2 Pump-PRV	Eagle River, Chugiak	G R O F S S U	G R O F S S U	G R O F S S U 103 157	G R O F S S U	G R O F S S U
	Bonnie Way Booster Station	Eagle River, Chugiak	G R O F S S U	G R O F S S U 66 44	G R O F S S U	G R O F S S U	G R O F S S U
	Chester Court WID 383	Muldoon	G R O F S S U 16	G R O F S S U	G R O F S S U	G R O F S S U	G R O F S S U
	Contingency WIDs	Areawide (Anch, ER)	G R O F S S U 200	G R O F S S U	G R O F S S U	G R O F S S U	G R O F S S U

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Utility: WATER

Project Category	Project Title	Location	Budget by Year					
			1990	1991	1992	1993	1994	
Repair & Rehabilitation	R-R Emergency	Areawide (Anch, ER)	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
	U	U	U	U	U			
				200	200	200	200	200
	State DOTPF Highway Related Projects	Areawide (Anch, ER)	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
	U	U	U	U	U			
				100	100	100	100	100
	Tudor Road - Dale to Chugiak	Abbott Loop	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
	U	U	U	U	U			
			196					
W 10th Woodstave Replacement	Inlet View	G	G	G	G	G		
		R	R	R	R	R		
		O	O	O	O	O		
		F	F	F	F	F		
		S	S	S	S	S		
U	U	U	U	U				
			150					
Wickersham Subd	Lake Otis	G	G	G	G	G		
		R	R	R	R	R		
		O	O	O	O	O		
		F	F	F	F	F		
		S	S	S	S	S		
U	U	U	U	U				
			195	150	150	150	150	
Woodstave Line Replacement	DT, GH	G	G	G	G	G		
		R	R	R	R	R		
		O	O	O	O	O		
		F	F	F	F	F		
		S	S	S	S	S		
U	U	U	U	U				
			200	400	400	400	400	
			300	1,333	1,294	1,508	1,769	
			28					
			1,097					
Requested by	SHARON L. ROBERTS	Date 07/15/88	PAGE TOTAL	1,425	1,333	1,294	1,508	1,769

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Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
Repair & Rehabilitation	Cassius Court - Rosemary-Thunderbird	Lake Otis	G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			28				
			U	117	U	U	U
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	450
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	400
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						358	120
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	169
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	100
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	200
			G	G	G	G	G
			R	R	R	R	R
			O	O	O	O	O
			F	F	F	F	F
			S	S	S	S	S
			U	U	U	U	U
						100	100

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APPROVED: MAYOR

Utility: WATER

Project Category	Project Title	Location	Budget by Year					
			1990	1991	1992	1993	1994	
New Equipment	Implement Automated Assessments	Areawide (Anch, ER)	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
	U	U	U	U	U			
	Implement CPR Graphics/Mapping	Areawide (Anch, ER)	Areawide (Anch, ER)	G	G	G	G	G
				R	R	R	R	R
				O	O	O	O	O
				F	F	F	F	F
				S	S	S	S	S
	U	U	U	U	U			
	Implement Records Retention	Areawide (Anch, ER)	Areawide (Anch, ER)	G	G	G	G	G
				R	R	R	R	R
				O	O	O	O	O
				F	F	F	F	F
				S	S	S	S	S
	U	U	U	U	U			
	Misc Equipment	Areawide (Anch, ER)	Areawide (Anch, ER)	G	G	G	G	G
				R	R	R	R	R
				O	O	O	O	O
F				F	F	F	F	
S				S	S	S	S	
U	U	U	U	U				
Vehicles	Areawide (Anch, ER)	Areawide (Anch, ER)	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
U	U	U	U	U				
Water Meters	Areawide (Anch, ER)	Areawide (Anch, ER)	G	G	G	G	G	
			R	R	R	R	R	
			O	O	O	O	O	
			F	F	F	F	F	
			S	S	S	S	S	
U	U	U	U	U				

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Utility: WATER

Project Category	Project Title	Location	Budget by Year				
			1990	1991	1992	1993	1994
New Equipment	Billing Replacement Feasibility	Areawide (Anch, ER)	G R O F S U	G R O F S U 13	G R O F S U	G R O F S U	G R O F S U
	CPR Graphics Pilot Study	Areawide (Anch, ER)	G R O F S U	G R O F S U 13	G R O F S U	G R O F S U	G R O F S U
	Computing Facility Acquisition	Areawide (Anch, ER)	G R O F S U	G R O F S U 400	G R O F S U	G R O F S U	G R O F S U
	Engineering Workstations	Areawide (Anch, ER)	G R O F S U	G R O F S U	G R O F S U	G R O F S U 30	G R O F S U
	Grant PITS Development	Areawide (Anch, ER)	G R O F S U	G R O F S U	G R O F S U	G R O F S U 35	G R O F S U
	Graphics Information System	Areawide (Anch, ER)	G R O F S U	G R O F S U 100	G R O F S U 100	G R O F S U 100	G R O F S U 100

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MUNICIPALITY OF ANCHORAGE

Utility	Division		Budget Year	
ANCHORAGE WASTEWATER UTILITY			1989	
ANCHORAGE WASTEWATER UTILITY RECONCILIATION OF 1988 BUDGET TO 1989 BUDGET (\$000)				
	<u>1988 BUDGET</u>	<u>1989 BUDGET</u>	<u>VARIANCE</u>	<u>EXPLANATION</u>
<u>REVENUE</u>				
Operating Revenues	22,485	20,837	(1,648)	A
Non-Operating Revenues	<u>1,689</u>	<u>2,140</u>	<u>451</u>	B
TOTAL REVENUES	24,174	22,977	(1,197)	
<u>OPERATING EXPENSES</u>				
Operations	13,159	12,846	(313)	
Depreciation	2,888	2,354	(534)	
MUSA	<u>2,749</u>	<u>1,329</u>	<u>(1,420)</u>	
TOTAL OPERATING EXPENSES	18,796	16,529	(2,267)	C
Non-Operating Expenses	6,922	5,875	(1,047)	D
Total Expenses	25,718	22,404	(3,314)	
Net Income Regulatory	(1,544)	573	2,117	
Adjustment for GAAP Method	(3,755)	(3,975)	220	E
Net Income GAAP	(5,299)	(3,402)	1,897	