

**ANCHORAGE
WASTEWATER UTILITY**

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.	
	9300	ANCHORAGE WASTEWATER UTILITY				
<u>RESOURCE IMPACTS</u>						
	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>
Growth Factors - Population	241,300	237,800	240,200	243,100	245,500	249,200
Bond Sales (000)	23,000	10,275	15,508	14,444	8,723	7,631
Grants Anticipated (000)	0	2,105	1,600	1,400	1,400	1,400
<u>Total Water/Wastewater Personnel Increases</u>						
Program:						
Operations & Maintenance	-	3	5	2	4	4
Treatment Plant	-	4	4	2	3	4
Administrative & General	<u>11</u>	<u>4</u>	<u>3</u>	<u>1</u>	<u>1</u>	<u>1</u>
	11	11	12	5	8	9
Total Personnel	338	349	361	366	374	383
Possible Rate Increases (Year Requested)	20%	0	18%	04%	10%	02%

MUNICIPALITY OF ANCHORAGE

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Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.	
	9300	ANCHORAGE WASTEWATER UTILITY				
MISCELLANEOUS STATISTICAL DATA						
			1984 <u>ACTUAL</u>	1985 <u>ACTUAL</u>	1986 <u>ESTIMATED</u>	1987 <u>ESTIMATED</u>
Number of Customers			40,684	43,042	44,150	45,950
Average Treatment (GPD)						
Anchorage Plant			30,600,000	28,900,000	25,700,000	26,000,000
Eagle River Plant			625,000	684,000	881,000	1,000,000
Girdwood Plant			203,000	323,000	332,000	365,000
Miles of Wastewater Lines						
Interceptors			29	30	31	31
Trunks			147	157	165	166
Laterals			428	440	444	452

Public Utilities	Unit No	Utility	Unit No.	Division	Unit No.
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1987 Budget Impacts

Operating

1. Substantial completion of the Pt. Woronzof facility will result in higher operation and maintenance costs since the project will double the amount of mechanical equipment presently in service.
2. Industrial wastewater sampling and site inspections will be significantly increased as the EPA mandated Industrial Pretreatment Program and Accidental Spill Prevention Program are implemented.

Capital

1. Expansion of the Point Woronzof Treatment Plant will continue during 1987 with non-process building construction. This project will increase design capacity from 34 MGD to in excess of 58 MGD.
2. The design phase of the Eagle River Treatment Plant expansion will be completed in 1987. This project will satisfy the wastewater treatment requirements of the Eagle River, Chugiak, and Eklutna communities through the year 2005. The Eagle River-Chugiak-Eklutna Wastewater Facilities Plan projected an increase from the 1983 served population of 4,150 to 43,050 in the year 2005. The existing Eagle River WWTF has sufficient capacity to satisfy the needs of only Eagle River until the year 1987. The 1983 Facilities Plan recommended expansion of the plant in 1986 to satisfy the treatment needs of Eagle River, Chugiak and Eklutna through the year 2005. This additional needed capacity has been confirmed by recent facility planning efforts in the service area. This project has been divided into two phases, one of which will constitute an expansion of the existing treatment facility to accommodate anticipated wastewater flows until the year 1996. A second phase expansion will occur in the year 1996 to accommodate projected wastewater flows until the year 2005. The option of treating additional wastewater flows beyond the year 1996 at a new additional treatment facility or pumping the excess sewage to the Point Woronzof WWTF will be considered prior to proceeding with the Phase II expansion. If the project is not completed in the budget year, growth in the service areas would be inhibited and failing septic systems could create a health hazard. Life expectancy of the buildings is 50 years; process equipment - 20 years. Cost of construction for this project is \$14,400,000.00
3. The C-5-7 Sanitary Sewer Trunk construction (\$1,250,000) is a project to replace an existing trunk facility located along the south shores of Campbell Lake, and in some locations, under the lake. The existing trunk line is a very deteriorated asbestos cement line characterized by infiltration, joint displacement and separation protruding services, differential settlement, cracks and breaks.

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.
	9300	ANCHORAGE WASTEWATER UTILITY			
<p><u>Capital (Cont)</u></p> <p>4. Middle Fish Creek Trunk rehabilitation cost is \$2,110,000. This portion of the facility parallels Fish Creek from W. 44th Avenue/ARR to Northern Lights Blvd./Willow Street. The existing CMP was installed in the early 1960's. Structural damage to the CMP and manholes is suspected due to the 1964 earthquake and the materials used to construct the facility.</p>					

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985 ACTUAL	1986 PRO-FORMA	1987	1987
			PROPOSED	ADOPTED
<u>OPERATING BUDGET</u>				
Revenue	22,421,775	21,606,390	28,685,640	
Expense	24,348,836	27,589,210	30,056,060	
Net Income for Governmental Financial Reporting	(1,927,061)	(5,982,820)	(1,370,420)	
Adjustment for Regulatory Reporting	3,389,677	3,099,085	2,825,380	
Net Income (Regulatory)	1,462,616	(2,883,735)	1,454,960	
<u>Capital Budget</u>				
Project Category				
◦ Treatment	14,135,000	7,560,000	12,251,000	
◦ Pump Stations/Force Mains	430,000	1,090,000	0	
◦ Trunks & Interceptors	4,060,000	3,220,000	1,201,000	
◦ Laterals	6,783,000	11,553,000	6,000,000	
◦ Repair & Rehabilitation	3,230,000	1,938,000	6,028,000	
◦ New Equipment	3,595,000	2,589,000	1,286,000	
◦ Buildings	11,330,000	70,000	100,000	
Total	43,563,000	28,020,000	26,866,000	

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985 ACTUAL	1986 PRO-FORMA	1987	1987
			PROPOSED	ADOPTED
STATEMENT OF REVENUE & EXPENSE				
<u>OPERATING REVENUE</u>				
4400 Residential Sales	12,850,977	13,513,940	16,443,760	
4420 Commercial Sales	3,770,995	4,093,220	5,028,530	
4451 Public Authorities	394,758	450,000	1,044,240	
4540 Miscellaneous Service	24,149	25,210	25,200	
Refunding 1985	0	(949,840)	0	
Total Operating Revenue	17,040,879	17,132,530	22,541,730	
<u>OPERATING EXPENSE</u>				
7000 Collection System	1,785,890	2,035,520	2,203,440	
7400 Treatment Plant	4,650,161	5,266,280	5,645,000	
7800 Customer Accounts	1,511,232	1,682,870	1,715,490	
9300 Administrative & General	3,987,051	4,739,980	5,226,650	
4030 Depreciation	2,923,363	2,415,410	2,140,670	
4080 Service Assessment Taxes	0	1,459,820	1,675,820	
*Total Operating Expense	14,857,697	17,599,880	18,607,070	
Operating Income	2,183,182	(467,350)	3,934,660	
*Depreciation of Contributed plant not included				

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985	1986	1987	1987
	ACTUAL	PRO-FORMA	PROPOSED	ADOPTED
STATEMENT OF REVENUE & EXPENSE				
<u>NON-OPERATING REVENUE</u>				
4080 Interest on Assessments	316,489	350,000	375,000	
4190 Interest - Short Term Investment	3,339,558	500,000	400,000	
4190 Interest - Construction	1,509,370	2,760,540	1,367,450	
4192 AFDC	0	653,320	3,791,460	
4210 Miscellaneous	55,806	50,000	50,000	
4290 Amortization of Premium on Debt	159,673	160,000	160,000	
Total Non-Operating Revenue	5,380,896	4,473,860	6,143,910	
<u>NON-OPERATING EXPENSE</u>				
4270 Interest - Bonds	5,990,641	6,779,245	8,512,610	
4271 Interest - Other	27,407	26,000	26,000	
4310 Amortization - Debt Expense	83,414	85,000	85,000	
Total Non-Operating Expense	6,101,462	6,890,245	8,623,610	
Non-Operating Income	(720,566)	(2,416,385)	(2,479,700)	
Net Income	1,462,616	(2,883,735)	1,454,960	
Net Income Regulatory	1,462,616	(2,883,735)	1,454,960	
Less: 4031 - Depreciation of Contributed plant	3,389,677	3,099,085	2,825,380	
Net Income For Governmental Financial Reporting	(1,927,061)	(5,982,820)	(1,370,420)	

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985 ACTUAL	1986 PRO-FORMA	1987	1987
			PROPOSED	ADOPTED
STATEMENT OF SOURCES AND USES OF CASH FUNDS				
SOURCES OF CASH FUNDS:				
Net Income (Loss)	\$ (1,927,061)	\$ (5,982,820)	\$ (1,370,417)	
Depreciation	6,313,040	5,514,495	4,966,050	
Bond Proceeds	15,000,000	17,000,000	23,000,000	
Grants	8,422,730	5,742,194	0	
Assessments	2,219,830	1,868,105	3,000,000	
Other	(985,398)	937,672	250,000	
Total Sources of Cash Funds	\$ 29,043,141	\$ 25,079,646	\$ 29,845,633	
USES OF CASH FUNDS:				
Additions to Plant	17,012,800	38,587,363	39,343,124	
Bond Principal Payment	3,529,597	3,980,958	4,629,959	
Other	142,807	0	684,506	
Total Uses of Cash Funds	20,685,204	42,568,321	44,657,589	
Net Increase (Decrease) in Cash Funds	8,357,937	(17,488,675)	(14,811,956)	
Cash Balance January 1,	40,086,398	48,444,335	30,955,660	
Cash Balance December 31,	<u>\$ 48,444,335</u>	<u>\$ 30,955,660</u>	<u>\$ 16,143,704</u>	
DETAIL OF CASH BALANCE:				
Equity in General Cash Pool	\$ 5,481,421	\$ 4,239,969	\$ 2,539,834	
Equity in Construction Cash Pool	42,962,914	26,715,691	13,603,870	
Revenue Bond Reserve Cash	0	0	0	
Total Cash Balance December 31,	\$ 48,444,335	\$ 30,955,660	\$ 16,143,704	

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No	Utility	Unit No	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985	1986	1987	1987
	ACTUAL	PRO-FORMA	PROPOSED	ADOPTED
STATEMENT OF CHANGES IN FUND EQUITY				
Balance January 1,	\$131,412,760	\$147,570,400	\$147,329,774	
Net Income (Loss)	(1,927,061)	(5,982,820)	(1,370,417)	
Contributions Received	18,084,701	5,742,194	0	
Deduct Residual Transfers	0	0	0	
Balance December 31,	<u>\$147,570,400</u>	<u>\$147,329,774</u>	<u>\$145,959,357</u>	
Detail of Fund Equity:				
Retained Earnings	4,203,875	(1,778,945)	(3,149,362)	
Contributed Capital	<u>143,366,525</u>	<u>149,108,719</u>	<u>149,108,719</u>	
Total Fund Equity December 31,	<u>\$147,570,400</u>	<u>\$147,329,774</u>	<u>\$145,959,357</u>	

MUNICIPALITY OF ANCHORAGE

Public Utilities	Unit No.	Utility	Unit No.	Division
	9300	ANCHORAGE WASTEWATER UTILITY		
MUNICIPALITY OF ANCHORAGE FINANCIAL DATA				
LINE ITEM DESCRIPTION	1985 ACTUAL	1986 PRO-FORMA	1987	1987
			PROPOSED	ADOPTED
<u>NET PROFIT MARGIN</u>				
Net Income Governmental Reporting	(1,927,061)	(5,892,820)	(1,370,420)	
Operating Revenues	17,040,879	17,132,530	22,541,730	
Net Profit Margin Governmental Reporting	(11.31)%	(34.40)%	(6.08)%	
Net Income Regulatory	1,462,616	(2,883,735)	1,454,960	
Operating Revenues	17,040,879	17,132,530	22,541,730	
Net Profit Margin Regulatory	8.58%	(16.83)%	6.45%	

Public Utilities	Unit No. 9300	Utility ANCHORAGE WASTEWATER UTILITY	Unit No.	Division	Unit No.
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1987 CAPITAL IMPROVEMENT BUDGET FINANCIAL SUMMARY

<u>PROJECT TITLE</u>	<u>TOTAL PROJECT COST 1987</u>	<u>REVENUE BONDS</u>	<u>G.O. BONDS</u>	<u>OPERATIONS</u>	<u>STATE GRANTS</u>	<u>FEDERAL GRANTS</u>
Treatment	12,251	0	12,251	0	0	0
Pump Stations & Force Mains	0	0	0	0	0	0
Trunks & Interceptors	1,201	0	1,201	0	0	0
Laterals	6,000	0	3,600	0	2,400	0
Repair/Rehabilitation	3,918	0	3,588	0	330	0
New Equipment	1,286	0	150	1,136	0	0
<u>Buildings</u>	<u>100</u>	<u>0</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
Sub Total (000)	24,756	0	20,890	1,136	2,730	0
Water Quality	<u>2,110</u>	<u>0</u>	<u>2,110</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total	26,866	0	23,000	1,136	2,730	0

BUDGET YEAR PROJECTS

1987

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G G O BONDS R REV BONDS	OPERATIONS	GRANTS F FEDERAL S STATE	TOTAL
Trunks & Interceptors	Private Development Oversizing	Areawide	G 250			250
	Private Development Reimbursement	Areawide	G 130			130
	Treatment Plant Inflow Interceptor Line-48"	Eagle River/Chugiak	G 240			240
	GA-2-2 & GA-2-3 Trunks	Turnagain Arm/Girdwood	G 317			317
	A-4(B) Trunk	Campbell-Taku	G 264			264
PREPARED BY <u>R.C. Bishop</u> DATE <u>05-15-86</u> TOTAL			1,201G R		F S	1,201

BUDGET YEAR PROJECTS

Utility Wastewater

1987

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G G O BONDS R REV BONDS	OPERATIONS	GRANTS F FEDERAL S STATE	TOTAL
Treatment	Eagle River WWTF Expansion	Eagle River/Chugiak	G 12,251			12,251
PREPARED BY <u>R.C. Bishope</u> DATE <u>05-15-86</u>			12,251 G R		F S	12,251

BUDGET YEAR PROJECTS

1987

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G: G O BONDS R: REV BONDS	OPERATIONS	GRANTS F: FEDERAL S: STATE	TOTAL
Laterals	Anticipated Lateral Improvement Districts	Areawide	G 3,600		S 2,400	6,000
PREPARED BY <u>R.C. Bishope</u> DATE <u>05-15-86</u> TOTAL			3,600 G R		F 2,400 S	6,000

BUDGET YEAR PROJECTS

Utility Wastewater

1987

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G GO BONDS R REV BONDS	OPERATIONS	GRANTS F FEDERAL S STATE	TOTAL
Repair & Rehabilitation (continued)	Cordova-Fairbanks be- tween 10th & 11th	Fairview	G 260			260
	E. 42nd & Laurel	Abbott Loop	G 42			42
PREPARED BY <u>R.C. Bishope</u> DATE <u>05-15-86</u>			3,863 _G		_F 330 _S	4,193

MUNICIPALITY OF ANCHORAGE

BUDGET YEAR PROJECTS

1987

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G-G.O BONDS R-REV BONDS	OPERATIONS	GRANTS F-FEDERAL S-STATE	TOTAL
Repair & Rehabilitation	ADOTPF Project Related Replacement & Upgrade	Areawide	G	100		100
	V.C. Line Replacement	Downtown	G	100		100
	MOA Related Spenard Road Improvements	Turnagain, Spenard	G	10		10
	G11-C2 Trunk	Turnagain Arm/Girdwood	G	3		3
	North Star Subdivision	Spenard	G	284		284
	W. 42nd & Beechcraft	Turnagain	G	150		150
	MOA Capital Projects/ 36th Ave. Imprvmts.	Spenard			S 330	330
	Kent & Canterbury Way	Spenard	G	50		50
	Middle Fish Creek Trunk(C)(Water Quality Project)	Turnagain, Spenard	G	2,110		2,110
	W. 32nd/33rd & Eureka	Spenard	G	110		110
Inlet View R&R	Inlet View	G	644		644	
PREPARED BY <u>R.C. Bishop</u> DATE <u>05-15-86</u> TOTAL			G		F	
			R		S	

BUDGET YEAR PROJECTS

Utility Wastewater

1987

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING				
			BONDS G - G O BONDS R - REV BONDS	OPERATIONS	GRANTS F - FEDERAL S - STATE	TOTAL	
New Equipment	Vehicles	Areawide		621		621	
	Misc. Equipment	Areawide		200		200	
	Communication	Areawide		150		150	
	Miscellaneous Computer Software	Areawide	G 150			150	
	Facility R&R	International Airport (Anchorage-Areawide)			100		100
		Eagle River/Chugiak			50		50
	Turnagain Arm/Girdwood			15		15	
PREPARED BY <u>R.C. Bishop</u> DATE <u>05-15-86</u>			150 G R	1,136	F S	1,286	

MUNICIPALITY OF ANCHORAGE

BUDGET YEAR PROJECTS

1987

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	FUNDING			
			BONDS G-G.O BONDS R-REV.BONDS	OPERATIONS	GRANTS F-FEDERAL S-STATE	TOTAL
Buildings	Incinerator Building Interior Painting	International Airport	G 100			100
PREPARED BY <u>R.C. Bishope</u> DATE <u>05-15-86</u> TOTAL			100 G R		F S	100

Public Utilities	Unit No.	Utility	Unit No.	Division	Unit No.							
	9300	ANCHORAGE WASTEWATER UTILITY										
CIB/CIP 1987 - 1992												
<u>PROJECT TITLE</u>	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>REVENUE BONDS</u>	<u>G.O. BONDS</u>	<u>OPERA- TIONS</u>	<u>STATE GRANTS</u>	<u>FEDERAL GRANTS</u>	<u>TOTAL</u>
Treatment	12,251	3,164	570	0	140	50	0	16,175	0	0	0	16,175
Pump Stations/F.M.	0	642	4,986	9,090	360	0	0	15,078	0	0	0	15,078
Trunks & Interceptors	1,201	2,086	5,799	1,788	4,330	3,880	0	19,084	0	0	0	19,084
Laterals	6,000	4,385	4,000	3,500	3,500	3,500	0	14,580	0	10,305	0	24,885
Repair & Rehabilitation	3,918	5,207	1,473	1,211	1,613	1,471	0	14,563	0	330	0	14,893
New Equipment	1,286	1,040	970	886	711	912	0	1,390	4,415	0	0	5,805
Buildings	100	0	15	0	50	0	0	165	0	0	0	165
Total Program	24,756	16,524	17,813	16,475	10,704	9,813	0	81,035	4,415	10,635	0	96,085
<u>SOURCE OF FUNDING</u>												
Revenue Bonds	0	0	0	0	0	0	0					0
G.O. Bonds	20,890	13,839	15,508	14,444	8,723	7,631		81,035				81,035
Operational	1,136	580	705	631	581	782			4,415			4,415
State Grant	2,730	2,105	1,600	1,400	1,400	1,400				10,635		10,635
Federal Grant	0	0	0	0	0	0					0	0
Total Funding	24,756	16,524	17,813	16,475	10,704	9,813						96,085
Water Quality	<u>2,110</u> 26,866	0	0	0	0	0	0	2,110	0	0	0	98,195

MUNICIPALITY OF ANCHORAGE

CARRYOVER CAPITAL PROJECTS
1987

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET AMOUNT	REVISION AMOUNT	REVISED BUDGET
Repair & Rehabilitation	C-5-7 Trunk	Campbell Lake, Klatt		G 1,250	1,250
	C-5 Campbell Creek Trunk Reline (Design, Study, ROW Acquisition)	Campbell-Taku, Sand Lake, Campbell Lake/Klatt		G 340	340
	10/11 Alley - "C" Street to Cordova	Fairview		G 245	245
Source of Funding			G.O. BONDS	1,835	1,835
			REVENUE BONDS		
			OPERATIONS		
			STATE GRANTS		
			FEDERAL GRANTS		
			TOTAL	1,835	1,835

PREPARED BY R.C. Bishop DATE 05-15-86

FUTURE CAPITAL PROJECTS

1988 - 1992

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR					
			1988	1989	1990	1991	1992	
Treatment	#1 Incinerator Upgrade	Areawide (Anchorage)	G 100	G 500				
	Heating System Maint.	Turnagain Arm/Girdwood		G 20				
	Generator Overhaul	Eagle River/Chugiak		G 50			G 50	
	Mixed Media Rehab.	Turnagain Arm/Girdwood				G 80		
	Standby Generator Rehabilitation	Turnagain Arm/Girdwood				G 60		
	Girdwood WWTF Upgrade	Turnagain Arm/Girdwood	G 915					
	Eagle River WWTF Expansion	Eagle River/Chugiak	G 2,149					
Source of Funding			G.O. BONDS	3,164	570		140	50
			REVENUE BONDS					
			OPERATIONS					
			STATE GRANTS					
			FEDERAL GRANTS					
			TOTAL	3,164	570		140	50

R.C. Bishope

05-15-86

PREPARED BY _____

DATE _____

MUNICIPALITY OF ANCHORAGE

FUTURE CAPITAL PROJECTS

Utility Wastewater

1988-1992

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR				
			1988	1989	1990	1991	1992
Pump Stations and Force Mains	Hiland Drive P.S. & F.M.	Eagle River/Chugiak	G 456	G 1,986			
	Eagle River Areawide P.S. & F.M.	Eagle River/Chugiak		G 3,000	G 9,000		
	GA-2-4 Force Main & Pump Station	Turnagain Arm/Girdwood	G 186				
	Eagle River Pump Station "A"	Eagle River/Chugiak			G 90	G 360	
Source of Funding			G.O. BONDS	<u>642</u>	<u>4,986</u>	<u>9,090</u>	<u>360</u>
			REVENUE BONDS	_____	_____	_____	_____
			OPERATIONS	_____	_____	_____	_____
			STATE GRANTS	_____	_____	_____	_____
			FEDERAL GRANTS	_____	_____	_____	_____
			TOTAL	<u>642</u>	<u>4,986</u>	<u>9,090</u>	<u>360</u>

PREPARED BY R.C. Bishop

DATE 05-15-86

FUTURE CAPITAL PROJECTS

1988 - 1992

Wastewater

Utility

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR					
			1988	1989	1990	1991	1992	
Trunks & Interceptors (continued)	B-1-4(B) Trunk	Lake Otis, Spenard			G 200	G 800		
	G2-G, G2-H	Turnagain Arm/Girdwood			G 27	G 307		
	South Eagle River Trunk	Eagle River/Chugiak			G 50	G 125	G 1,500	
	C-6 Trunk	Campbell Lake/Klatt			G 57	G 753		
	4th Street Trunk	Eagle River/Chugiak				G 100	G 523	
	C-7 Trunk	Campbell Lake/Klatt				G 51	G 969	
	D-2-7 Trunk	Muldoon				G 24	G 274	
	B-5-7(C) Trunk (Des.)	Mt. View, Merrill Field					G 64	
Source of Funding			G.O. BONDS	2,086	5,799	1,788	4,330	3,880
			REVENUE BONDS					
			OPERATIONS					
			STATE GRANTS					
			FEDERAL GRANTS					
			TOTAL	2,086	5,799	1,788	4,330	3,880

R.C. Bishope

05-15-86

PREPARED BY _____ DATE _____

FUTURE CAPITAL PROJECTS

Utility Wastewater

1988 - 1992

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR				
			1988	1989	1990	1991	1992
Trunks & Interceptors	Private Development Oversizing	Areawide	G 300	G 300	G 300	G 400	G 400
	Private Development Reimbursement	Areawide	G 140	G 150	G 150	G 150	G 150
	Sand Lake Gravel Pit Tunnel and Trunk	Sand Lake - Campbell Lake - Klatt	G 500	G 3,600			
	A-4(B) Trunk	Campbell-Taku	G 861				
	Hiland Drive Interceptor	Eagle River/Chugiak	G 129	G 514			
	G4-A(1), G4-B, G3C Trunks	Turnagain Arm/Girdwood	G 49	G 317			
	G9-C, E Trunks	Turnagain Arm/Girdwood	G 50	G 333			
	ADOTPF Related Project/ D-6(B) Trunk	Campbell-Taku	G 57	G 380			
	GA-2-F Trunk	Turnagain Arm/Girdwood		G 180			
	ADOTPF Related Project/ A-6 Trunk	Campbell-Taku		G 25	G 164		
	B(I) Trunk	Turnagain			G 420		
New Glenn Highway Interceptor	Eagle River/Chugiak			G 420	G 1,620		
Source of Funding		G.O. BONDS	_____	_____	_____	_____	_____
		REVENUE BONDS	_____	_____	_____	_____	_____
		OPERATIONS	_____	_____	_____	_____	_____
		STATE GRANTS	_____	_____	_____	_____	_____
		FEDERAL GRANTS	_____	_____	_____	_____	_____
		TOTAL	_____	_____	_____	_____	_____

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05-15-86

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DATE _____

FUTURE CAPITAL PROJECTS

Utility Wastewater

1988-1992

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR					
			1988	1989	1990	1991	1992	
Laterals	Anticipated Lateral Improvement Districts	Areawide	G 2,280 S 1,520	G 2,400 S 1,600	G 2,100 S 1,400	G 2,100 S 1,400	G 2,100 S 1,400	
	CPO/Lake Otis Improvements	Abbott Loop	S 585					
Source of Funding			G.O. BONDS	2,280	2,400	2,100	2,100	2,100
			REVENUE BONDS					
			OPERATIONS					
			STATE GRANTS	2,105	1,600	1,400	1,400	1,400
			FEDERAL GRANTS					
			TOTAL	4,385	4,000	3,500	3,500	3,500

PREPARED BY R.C. Bishop DATE 05-15-86

FUTURE CAPITAL PROJECTS

1988-1992

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR					
			1988	1989	1990	1991	1992	
Repair & Rehabilitation (continued)	B-12 Trunk	Mt. View				G 49	G 643	
	ADOTPF Related Project/ C-2(B)	Sand Lake				G 49	G 328	
Source of Funding			G.O. BONDS	5,207	1,473	1,211	1,613	1,471
			REVENUE BONDS					
			OPERATIONS					
			STATE GRANTS					
			FEDERAL GRANTS					
			TOTAL	5,207	1,473	1,211	1,613	1,471

PREPARED BY R.C. Bishope DATE 05-15-86

FUTURE CAPITAL PROJECTS
1988-1992

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR					
			1988	1989	1990	1991	1992	
Repair & Rehabilitation	ADOTPF Project Related Replacement & Upgrade	Areawide	G 100	G 100	G 100	G 100	G 100	
	V.C. Line Replacement	Downtown	G 475	G 400	G 400	G 400	G 400	
	MOA Related Spenard Road Improvements	Turnagain & Spenard	G 60					
	C-5 Campbell Creek Trunk Reline	Campbell-Taku, Sand Lake, Campbell Lake/Klatt	G 4,110					
	G11-C2 Trunk	Turnagain Arm/Girdwood	G 18					
	Government Hill School	Government Hill	G 60					
	North Star Subdivision	Spenard	G 284	G 203				
	R&R Chester Creek Force Main	Inlet View & Turnagain	G 100	G 700				
	B-6(F) Trunk	Inlet View		G 70	G 542			
	Government Hill R&R	Government Hill			G 36			
B-6(E) Trunk	Inlet View			G 133	G 1,015			
Source of Funding			G.O. BONDS	_____	_____	_____	_____	_____
			REVENUE BONDS	_____	_____	_____	_____	_____
			OPERATIONS	_____	_____	_____	_____	_____
			STATE GRANTS	_____	_____	_____	_____	_____
			FEDERAL GRANTS	_____	_____	_____	_____	_____
			TOTAL	_____	_____	_____	_____	_____

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FUTURE CAPITAL PROJECTS

1988 - 1992

Utility Wastewater

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR							
			1988	1989	1990	1991	1992			
New Equipment	Misc. Equipment	Areawide	0	200	0	200	0	200	0	200
	Communication	Areawide	0	15	0	15	0	16	0	17
	Vehicles	Areawide	0	200	0	325	0	250	0	400
	Graphics Information System (GIS)	Areawide	G	330	G	135	G	125		
	Facility R&R	Int'l Airport (Anchorage Areawide)	0	100	0	100	0	100	0	100
		Eagle River/Chugiak	0	50	0	50	0	50	0	50
		Turnagain Arm/Girdwood	0	15	0	15	0	15	0	15
		Miscellaneous Computer Software	Areawide	G	130	G	130	G	130	G
Source of Funding			G.O. BONDS	460	265	255	130	130		
			REVENUE BONDS							
			OPERATIONS	580	705	631	581	782		
			STATE GRANTS							
			FEDERAL GRANTS							
			TOTAL	1,040	970	886	711	912		

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FUTURE CAPITAL PROJECTS

Utility Wastewater

1988-1992

(000)

PROJECT CATEGORY	PROJECT TITLE	LOCATION	BUDGET BY YEAR				
			1988	1989	1990	1991	1992
Buildings	Reseal Roof	Eagle River/Chugiak		G 15			
	Seal Roofs	International Airport				G 35	
	Inspect Roofs	Turnagain Arm/Girdwood				G 15	
Source of Funding			G.O. BONDS	15		50	
			REVENUE BONDS				
			OPERATIONS				
			STATE GRANTS				
			FEDERAL GRANTS				
			TOTAL	15		50	

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