

SOLID WASTE DISPOSAL

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988
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RECONCILIATION FROM 1987 REVISED TO 1988 BUDGET

	<u>Dollars</u>	<u>Positions</u>
1987 REVISED BUDGET:	\$ 7,008,000	40FT,10T
REDUCTIONS IN EXISTING PROGRAMS:		
Full-year closure of Merrill Field Landfill	(1,713,800)	
Full-year closure of Peters Creek Landfill	(295,100)	
NEW/EXPANDED PROGRAMS:		
Full-year operation of the Anchorage Regional Landfill.	2,861,000	(3FT)
Full-year operation of the Central Transfer Facility	1,729,900	(3FT)
Four-month operation of the Hazardous Waste Program	<u>521,100</u>	<u>1T</u>
1988 BUDGET	\$10,111,100	34FT,11T

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL							Budget Year 1988
<u>RATE FORECAST</u>								
	<u>1987</u>	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	
<u>SOLID WASTE</u>								
Cars/Pickups (cash flat fee)	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	\$5.00	
Commerical (per ton rate)	\$33.00	\$39.00 18%(1)	\$45.00 15%(2)	\$45.00	\$45.00	\$45.00	\$45.00	
<u>HAZARDOUS WASTE</u>								
Solid Waste Surcharge (per ton rate)		\$2.00 (3)	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	
Collection Fee								
Residential		\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	
Commercial		\$25.00 (4)	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	
Disposal Fee		FULL	FULL	FULL	FULL	FULL	FULL	
Commerical		COST (5)	COST	COST	COST	COST	COST	
<p>(1) The 18% increase was approved in March of 1987 for implementation in January, 1988. It is the second step of a three step increase necessary to fund the new Anchorage Regional Landfill and Central Transfer Facility.</p>								
<p>(2) The 15% increase was also approved in March of 1987 for implementation in January, 1988. It is the final step of a three step increase necessary to fund the new Anchorage Regional Landfill and Central Transfer Facility.</p>								
<p>(3) The \$2.00 per ton hazardous waste surcharge is projected for September, 1988. It is one of several sources that will be used to fund the hazardous waste program which will include a hazardous waste transfer facility, hazardous waste collection system and a community education program. Other sources of revenue include direct user fees and a similar surcharge at AWWU.</p>								

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988
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RATE FORECAST CONTINUED

- (4) The \$10.00 fee will be charged for the pickup of hazardous waste from residential users. The \$25.00 fee will be charged to all commercial users of the pickup service. These fees were recommended by the Hazardous Waste Task Force as part of the Hazardous Waste Plan adopted by the Assembly in 1986.
- (5) Small Quantity Generators will be charged the full cost for the transfer and disposal of hazardous wastes.

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL					Budget Year 1988
<u>RESOURCE IMPACTS</u>						
	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>
<u>Growth Factors</u>						
Tons Disposed	242,331	242,331	247,000	253,810	260,590	267,568
G.O. Bonds	0	0	0	0	0	0
Grants Anticipated	0	0	150,000	0	0	0
Personnel Increases	(6FT),1T	NC	NC	NC	NC	NC
Total Personnel	34FT,11T	34FT,11T	34FT,11T	34FT,11T	34FT,11T	34FT,11T
<u>Revenue</u>	9,243,300	11,451,000	11,775,100	12,152,300	12,528,300	12,863,000
<u>Expense</u>	9,944,900	10,924,700	11,161,800	11,402,500	11,652,100	11,903,600
<u>Net-Income Regulatory</u>	<u>(701,600)</u>	<u>526,300</u>	<u>613,300</u>	<u>749,800</u>	<u>876,200</u>	<u>959,400</u>

MUNICIPALITY OF ANCHORAGE

Utility	Division									Budget Year
SOLID WASTE SERVICES	SOLID WASTE DISPOSAL									1988
<u>STATISTICAL/PERFORMANCE TRENDS</u>										
								Pro Forma	Budget	
	<u>1980</u>	<u>1981</u>	<u>1982</u>	<u>1983</u>	<u>1984</u>	<u>1985</u>	<u>1986</u>	<u>1987</u>	<u>1988</u>	
<u>Tons Disposed:</u>										
Anchorage	161,041	198,521	227,391	265,830	263,425	247,163	232,421	218,941	208,651	
Eagle River	0	670	15,305	34,488	20,094	17,108	15,239	14,355	13,680	
Fort Richardson	0	0	0	0	0	0	0	3,334	20,000	
TOTAL TONS DISPOSED	161,041	199,191	242,696	300,318	283,519	264,271	247,660	236,630	242,331	
Vehicles Utilizing Disposal Sites	131,655	149,742	209,855	273,024	216,233	178,212	164,523	154,981	147,697	
Cost/Ton Disposed	\$ 12.00	\$ 13.05	\$ 14.66	\$ 12.59	\$ 17.03	\$ 20.85	\$ 31.16	\$ 29.62	\$ 41.72	
Percent Change	37.2	8.8	12.3	-14.1	35.3	22.4	49.5	-4.9	40.9	
Tons Disposed/Employee	6,442	7,968	9,708	12,013	10,310	8,525	5,504	5,258	6,135	
Percent Change	-0.4	23.7	21.8	23.7	-14.2	-17.3	-35.4	-4.5	16.7	
Employees (FTE)	25	25	25	25	27.5	31	45	45	39.5	

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL		Budget Year 1988
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>Operating Budget</u>			
Revenue	6,115,000	8,107,800	9,243,300
Expense	7,718,200	7,008,000	10,111,100
Net Income - Governmental	(1,603,200)	1,099,800	(867,800)
Adjustments	46,500	83,400	166,200
Net Income - Regulatory	(1,556,700)	1,183,200	(701,600)
<u>Capital Budget</u>			
Project Category			
Improvements	1,847,500	18,336,000	2,259,600
Equipment	(2,073,200)	3,161,500	703,100
Total Capital	(225,700)	21,497,500	2,962,700

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>STATEMENT OF REVENUE AND EXPENSE</u>			
<u>OPERATING REVENUE</u>			
Disposal Fees	5,135,800	7,087,800	8,943,000
Sale of Materials	0	0	0
TOTAL OPERATING REVENUE	5,135,800	7,087,800	8,943,000
<u>OPERATING EXPENSE</u>			
Personal Services	1,576,800	1,375,500	2,185,800
Supplies	602,000	438,000	43,700
Other Services and Charges	2,772,600	866,600	1,854,500
Charges From Other Departments	887,600	1,181,300	1,853,800
Depreciation (Non-Contributed)	641,000	1,106,700	2,027,600
TOTAL OPERATING EXPENSE	6,480,000	4,968,100	7,965,400
OPERATING INCOME (LOSS)	(1,344,200)	2,119,700	977,600
<u>NON-OPERATING REVENUE</u>			
Tax Revenue	0	0	0
Contributions From Others	0	0	100,300
Interest Revenue (except on Capital Grant Funds)	963,500	1,020,000	200,000
Other Revenue	15,700	0	0
TOTAL NON-OPERATING REVENUE	979,200	1,020,000	300,300
<u>NON-OPERATING EXPENSE</u>			
Interest on Long-Term Debt	1,191,700	1,956,500	1,979,500
TOTAL NON-OPERATING EXPENSE	1,191,700	1,956,500	1,979,500
NON-OPERATING INCOME (LOSS)	(212,500)	(936,500)	(1,679,200)
NET INCOME - REGULATORY	(1,556,700)	1,183,200	(701,600)
LESS AMORTIZATION ON CONTRIBUTED PLANT	46,500	83,400	166,200
NET INCOME - GOVERNMENTAL	(1,603,200)	1,099,800	(867,800)

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>STATEMENT OF SOURCES AND USES OF CASH FUNDS</u>			
SOURCES OF CASH FUNDS:			
Net Income (Loss)	(1,603,200)	1,099,800	(867,800)
Depreciation (Inc. Cont. Cap.)	687,500	1,190,100	2,193,800
Grants	327,600	50,000	375,000
Bonds	17,566,800	0	700,000
Other	429,000	0	865,000
TOTAL SOURCE OF CASH FUNDS	17,407,700	2,339,900	3,266,000
USES OF CASH FUNDS:			
Additions to Plant	(225,700)	21,497,500	2,962,700
Bond Principal Payment	968,700	500,000	550,000
Other	(233,900)	0	0
TOTAL USES OF CASH FUNDS	509,100	21,997,500	3,512,700
Net Increase (Decrease) In Cash Funds	16,898,600	(19,657,600)	(246,700)
Cash Balance January 1,	6,860,100	23,758,700	4,101,100
Cash Balance December 31,	23,758,700	4,101,100	3,854,400
DETAIL OF CASH BALANCE:			
Equity In General Cash Pool	1,963,500	3,050,300	3,795,300
Equity In Construction Cash Pool	21,795,200	1,050,800	59,100
TOTAL CASH DECEMBER 31,	23,758,700	4,101,100	3,854,400

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>STATEMENT OF CHANGES IN FUND EQUITY</u>			
Balance January 1,	6,460,200	5,184,600	6,334,400
Net Income (Loss)	(1,556,700)	1,183,200	(701,600)
Contributed Capital Received	327,600	50,000	390,000
Depreciation on Contributed Capital	(46,500)	(83,400)	(166,200)
Balance December 31,	<u>5,184,600</u>	<u>6,334,400</u>	<u>5,856,600</u>
Detail of Fund Equity			
Retained Earnings	2,922,600	3,939,000	2,905,000
Contributed Capital	2,262,000	2,395,400	2,951,600
Total Fund Equity December 31,	<u>5,184,600</u>	<u>6,334,400</u>	<u>5,856,600</u>

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>SELECTED RATIOS</u>			
Operating Income	(1,344,200)	2,119,700	977,600
Operating Revenue	5,135,800	7,087,800	8,943,000
Operating Margin	-26.17%	29.91%	10.93%
Operating Expense (Controllable)	5,839,000	3,861,400	5,937,800
Operating Revenue	5,135,800	7,087,800	8,943,000
Operating Ratio	113.69%	54.48%	66.40%
Debt/Equity Ratio	83/17	79/21	80/20
Net Income	(1,603,200)	1,099,800	(867,800)
Operating Revenue	5,135,800	7,087,800	8,943,000
Net Profit Margin	-31.22%	15.52%	-9.70%

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988	
Municipality of Anchorage Financial Data			
Line Item Description	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
<u>1988 OPERATING BUDGET DETAIL</u>			
<u>Personal Services</u>			
Salaries and Wages	982,597	832,700	1,356,900
Overtime	115,071	90,200	143,900
Benefits	476,456	450,400	676,400
Other	2,676	2,200	8,600
TOTAL PERSONAL SERVICES	1,576,800	1,375,500	2,185,800
<u>Supplies</u>			
Office Supplies	1,469	3,300	2,700
Operating Supplies	525,530	429,700	36,000
Repair and Maintenance Supplies	75,017	5,000	5,000
TOTAL SUPPLIES	602,016	438,000	43,700
<u>Other Services</u>			
Depreciation	687,473	1,190,100	2,193,800
Contribution to CIB	0	0	865,000
Hazardous Waste Contract	0	0	356,500
Abandoned Plant	2,073,175	0	0
Other	699,425	866,600	633,000
TOTAL OTHER SERVICES	3,460,073	2,056,700	4,048,300
<u>Debt Service</u>			
TOTAL DEBT SERVICE	1,191,714	1,956,500	1,979,500
<u>Intragovernmental Charges</u>			
SWS Administration	344,319	410,800	520,400
Equipment Maintenance	476,811	690,400	1,260,800
Other	184,294	218,000	210,500
Charges to Others	(117,824)	(137,900)	(137,900)
TOTAL INTRAGOVERNMENTAL	887,600	1,181,300	1,853,800
TOTAL EXPENSES	7,718,203	7,008,000	10,111,100

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988
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1988 CAPITAL IMPROVEMENT BUDGET FINANCIAL SUMMARY

<u>Project Category</u>	<u>Total Project Cost</u>	<u>FUNDING SOURCE</u>		
		<u>Bonds</u>	<u>Operations</u>	<u>Grants</u>
Equipment	31	0	31	0
Improvements	<u>865</u>	<u>0</u>	<u>865</u>	<u>0</u>
TOTAL	<u>896</u>	<u>0</u>	<u>896</u>	<u>0</u>

Dollars in Thousands

MUNICIPALITY OF ANCHORAGE

BUDGET YEAR PROJECTS						Budget Year
Utility <u>Solid Waste Disposal</u>						1988
Project Category	Project Title	Location	Funding			
			Bonds G-GO Bonds R-Rev Bonds	Operations	Grants F-Federal S-State	Total
Equipment	Equipment Replacement	Transfer Station/ Landfill	0	31	0	31
Improvements	Anchorage Regional Landfill	Fort Richardson	0	865	0	865
Dollars in Thousands						
Prepared by <u>J. E. Sinz</u> Date <u>6/18/87</u> Total			G R	896	F S	896

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division SOLID WASTE DISPOSAL	Budget Year 1988
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1988-93 CAPITAL IMPROVEMENT PROGRAM FINANCIAL SUMMARY

<u>Project Category</u>	<u>ANNUAL PROJECT COST</u>						<u>FUNDING SOURCE</u>			<u>Total Total</u>
	<u>1988</u>	<u>1989</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>Bonds</u>	<u>Operations</u>	<u>Grant</u>	
Equipment	31	336	545	460	595	1,304	0	3,271	0	3,271
Improvements	865	891	1,068	945	974	1,003	0	5,596	150	5,746
TOTAL	896	1,227	1,613	1,405	1,569	2,307	0	8,867	150	9,017

Source of Funds

Revenue Bonds	0	0	0	0	0	0	0	0	0	0
G.O. Bonds	0	0	0	0	0	0	0	0	0	0
Operations	896	1,227	1,463	1,405	1,569	2,307	0	8,867	0	8,867
State Grant	0	0	150	0	0	0	0	0	150	150
Federal Grant	0	0	0	0	0	0	0	0	0	0
TOTAL	896	1,227	1,613	1,405	1,569	2,307	0	8,867	150	9,017

Dollars in Thousands

FUTURE CAPITAL PROJECTS						Budget Year 1988		
Utility <u>Solid Waste Disposal</u>								
Project Category	Project Title	Location	BUDGET BY YEAR					
			1989	1990	1991	1992	1993	
Equipment	Equipment Replacement	Transfer Station/ Landfill	336	545	460	595	1,304	
Improvements	Anchorage Regional Landfill	Fort Richardson	891	918	945	974	1,003	
	Resource Recovery Study	Anchorage Regional Landfill	0	150	0	0	0	
Dollars in Thousands								
Source of Funding:			G.O. Bonds					
			Revenue Bonds					
			Operations	1,227	1,463	1,405	1,569	2,307
			State Grants		150			
			Federal Grants					
Prepared by <u>J.E. Sinz</u> Date <u>6/18/87</u>			Total	1,227	1,613	1,405	1,569	2,307

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division ADMINISTRATION			Budget Year 1988
Financial Resources	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget	
Personal Services Supplies Other Services Debt Service Capital Outlay	733,800 9,000 24,900 0 0	897,000 18,700 60,000 0 0	892,800 18,000 56,000 0 0	
TOTAL DIRECT COST	767,700	975,700	966,800	
Intragovernmental Charges From	128,400	153,400	115,700	
BUDGET UNIT COST	896,100	1,129,100	1,082,500	
Intragovernmental Charges To	896,100	1,129,100	1,082,500	
FUNCTION COST	0	0	0	
Personnel Resources	Range & Step	Year: <u>1987</u> Budget	Year: <u>1988</u> Budget	
Utility General Manager Finance/Administration Manager Operations Manager Projects Manager Civil Engineer III Senior Administrative Officer Senior Accountant Native Intern Customer Service Rep III Senior Office Associate Collection Rep III Customer Service Rep I/II Accounting Clerk II Office Assistant TOTAL	22E 21E 21E 21E 17NF 15NC-F 14F 12C 11D 10NF 11F 10B-E 9C 7C	1 1 1 1 1 2 1 1 1 1 1 2 1 1 16	1 1 1 1 1 2 1 0 1 1 1 2 1 1 15	

MUNICIPALITY OF ANCHORAGE

Utility SOLID WASTE SERVICES	Division VEHICLE MAINTENANCE		Budget Year 1988
Financial Resources	Year: <u>1986</u> Actual	Year: <u>1987</u> Pro-Forma	Year: <u>1988</u> Budget
Personal Services	372,300	424,200	569,700
Supplies	409,200	568,600	864,700
Other Services	163,100	188,700	203,100
Debt Service	0	0	0
Capital Outlay	0	0	0
TOTAL DIRECT COST	944,600	1,181,500	1,637,500
Intragovernmental Charges From	41,500	51,400	77,000
BUDGET UNIT COST	986,100	1,232,900	1,714,500
Intragovernmental Charges To	986,100	1,232,900	1,714,500
FUNCTION COST	0	0	0
Personnel Resources	Range & Step	Year: <u>1987</u> Budget	Year: <u>1988</u> Budget
Working Foreman	24J	1	1
Mechanic	21J	4	2
Warehouseman	21J	1	1
Disposal Technician I	21J	0	3
Equipment Serviceman I	14J	4	3
TOTAL		10	10