

MUNICIPALITY OF ANCHORAGE – CIP - 1
DEPARTMENT CAPITAL NEEDS ANALYSIS

Department ANCHORAGE WATER AND WASTEWATER UTILITY

Program Category
ANCHORAGE WASTEWATER UTILITY

POLICY GOALS

The policy goal of the Wastewater Utility is to provide high level, reasonable cost service to all existing and future customers through reasonable and responsible development in the Anchorage, Eagle River and Girdwood/Alyeska areas in accordance with the Comprehensive Development Plan and the Sewer Master Plan.

SIX-YEAR DEPARTMENT GOALS AND STRATEGY

The long term goals of the Wastewater Utility emphasize realistic and orderly development and expansion of sewage collection and treatment systems only where normal and/or planned development has generated an identifiable public need; repair or replacement of existing sewer lines and manholes, in an ongoing program to reduce and control inflow and infiltration to the systems; upgrading existing treatment facilities for greater operating efficiency and to insure compliance with state and federal regulatory agency requirements; upgrading and expanding collection system pumping stations for improved operating efficiency and to fully serve those areas that cannot be served by a gravity flow system alone; upgrade and expansion of a computerized monitoring and control system for improved operation and maintenance of all treatment facilities and satellite pumping stations; and further development of a Continuous Property Records Management Information System.

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department
ANCHORAGE WATER AND WASTEWATER UTILITY
Project Category WASTEWATER – TREATMENT

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Chlorine Sample Pump Power Cable Replacement (1982 p. 319)	23	0	Project delayed. Will be done in conjunction with Point Woronzof Wastewater Treatment Plant Expansion in 1983/1984.
Lagoon Cover (1982 p. 319)	25	0	Project delayed. Will be done in conjunction with Point Woronzof Wastewater Treatment Plant Expansion in 1983/1984.
Wet Well Access Ladder (1982 p. 319)	2	0	Project postponed.
Maintenance Shop Building (1982 p. 319)	55	0	Project delayed. Will be done in conjunction with Point Woronzof Wastewater Treatment Plant Expansion in 1983/1984.
Sludge Incinerator Pre- cool Stack (1982 p. 321)	340	340	Proceeding as described.
P.S. Audio Alarm System (1982 p. 321)	13	0	Project delayed. Will be done in conjunction with Point Woronzof Wastewater Treatment Plant Expansion in 1983/1984.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: TREATMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	5,957	26	449	656	398	170	7,656		
LAND AND R.O.W.	0	0	27	27	19	0	73		
CONSTRUCTION	350	17,827	281	4,400	4,315	2,541	29,714		
EQUIPMENT	105	2,160	36	46	0	0	2,347		
INTERFUND CHARGES	196	353	11	88	84	42	774		
OTHER	587	1,844	81	518	484	297	3,811		
TOTAL	7,195	22,210	885	5,735	5,300	3,050	44,375	0	44,375
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	0	150	150	0	0	300		
FEDERAL GRANT	0	0	0	0	0	0	0	9,208	
STATE GRANT	6,600	21,860	500	5,500	5,300	3,000	42,760	42,760	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	595	350	235	85	0	50	1,315		
OTHER	0	0	0	0	0	0	0		
TOTAL	7,195	22,210	885	5,735	5,300	3,050	44,375	51,968	7,593

MUNICIPALITY OF ANCHORAGE - CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category TREATMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Pt. Woronzof WWTF Expansion/ Outfall Extension	<p>This project expands capacity of the Pt. Woronzof WWTF from 34 MDG to in excess of 70 MGD and extends the effluent outfall discharge line in order to provide additional effluent dispersion and eliminate the need for effluent chlorination. This expansion project will also include the construction or installation of the following: a maintenance shop building, incinerator ash pelletizer, P.A. audio alarm system, laboratory reconstruction, control room relocation, sludge incinerator #2, and covers for clarifiers, thickner and distribution boxes.</p>
Sludge Incinerator #1 Overhaul (AWWTF)	<p>Sludge incinerator #1 was installed at the Pt. Woronzof WWTF during construction in 1971. The manufacturers specifications and operating manuals estimate the average life to this incinerator before major overhaul is 7 years. This incinerator has been operating 11 years, 4 years beyond it's estimated life without major overhaul. Because of the magnitude and complexity of this overhaul, a long leave time is needed in preparation. The condition of the incinerator now suggests overhaul must be completed in 1983 in order to preclude shut down through failure in 1984. Unscheduled repairs will take approximately 6 to 8 months to accomplish during which alternate disposal sites will need to be found and additional costs will be incurred. This project includes replacing all the firebrick inside the incinerator and rebuilding of the center shaft.</p>
Chlorine Sample Pump Power Cable Replacement (AWWTF)	<p>Project provides the replacement of the frequently broken underground power cable serving the Pt. Woronzof WWTF Chlorine Sample Pump with a high line power cable. Breaks to the existing cable haven been caused by frost heaves along the embankment and the embankment slippage. This pump delivers representative samples from the Chlorine Tower to the Pt. Woronzof WWTF for analysis. Since 1971 this cable has broken on the average of twice a year and been inoperable for an average of 30 working days per year. Operational loss of the pump requires the expenditures of manhours, frequently during hazardous weather conditions, gathering samples used for discharge standard analysis.</p>
Flammable Supply Storage (ERWWTF)	<p>This project will provide a flammable supply building at the ERWWTF. At the present time flammable supplies such as solvents and other lubricants are stored on the main Treatment floor. Storage of these materials on the Treatment floor is hazardous and creates a safety problem. The new flammable storage building will be constructed near the overhead door on the main Treatment floor and provide a heated and secure area for storage of paints and lubricants.</p>

MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category TREATMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Cl ₂ Contact Chamber Cover (ERWWTF)	This project will provide for a cover over the Chlorine Contact Chambers at the ERWWTF. Covers are needed in order to preclude freezing of the liquid in the Chlorine Contact Chambers. Freezing of the Effluent in these Contact Chambers could cause structural damage to the Chamber and associated piping.
Treatment Plant Maintenance Software Development (ERWWTF)	This project will provide for the development of a computer program permitting treatment plant operators and maintenance technicians to record elapse time, historical maintenance performed, trouble shooting information, trending of failure probability, and monthly maintenance notice summaries of all plant equipment.
Drying Bed Enclosure (GWTF)	This project will enclose the existing drying beds at the GWTF. Included in the enclosure is the installation of overhead doors, heating and ventilation system, all necessary electrical, and insulation. Enclosing the drying beds will decrease the sludge drying time and facilitate utilization of these beds all year around.
Update Facility Plan	This project would update facility plans for the following areas: Girdwood-1983, Anchorage-1986, and Eagle River-1988.
Pt. Woronzof Plant Computer Interface	This project will interface and automate the plant operating equipment with the computer upon completion of the proposed plant expansion. This project provides for supervisory control and monitoring capabilities for Pt. Woronzof similar to the Eagle River Plant SCADA System.
Eagle River Computerized Telemetry	This project provides the computerized interface between remote pump stations and the Eagle River SCADA System.
Aerobic Digester Modification (ERWWTF)	This project would enhance sludge treatment at the ERWWTF by insuring complete dissolved oxygen mixing in the Digestors. At the present time there are areas in the Digestors that have inadequate dissolved oxygen which decreases the efficiency of sludge digestion and in turn requires more detention time and less sludge to be under digestion at any one time. This project calls for installing wooden baffles within the existing Digestors and a more efficient aeration system.

MUNICIPALITY OF ANCHORAGE - CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category TREATMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Filter Press Relocation (GWTF)	This project provides for the relocation of the Belt Filter Press at the GWTF to the drying bed structure. The project includes the pouring of concrete pads and associated mechanical and electrical work. Relocation of this press will provide room in the main Treatment Facility for enlargement of the Laboratory and Office. It will also allow for more storage of de-watered sludge and create a more efficient operation.
Pt. Woronzof Computerized Telemetry	This project provides the computerized interface between remote pump stations and the Pt. Woronzof SCADA System.
Steel Deck Modification (ERWTF)	This project provides for replacement of the steel decking over the various treatment structures with aluminum decking. This decking has to be removed frequently during normal operation of the Facility and is heavy and cumbersome to deal with. Aluminum decking would facilitate the frequent removal of the decking and decrease the safety hazard associated with the heavier existing steel decking plate.
Office/Laboratory Modification (GWTF)	This project provides for the expansion of the existing office and laboratory at the GWTF. The office and lab will be expanded into the area previously occupied by the Belt Filter Press and will provide room for much needed lab and office equipment.
Leaching Pond Fench (GWTF)	This project includes fencing the Leaching Ponds at the GWTF with access gates on the north and south ends. This includes approximately 1100' of chain link fence and will serve to keep the public from entering the Leaching Pond area.
Peters Creek Wastewater Treatment Facility	The Eagle River - Chugiak - Eklutna Wastewater Facility Plan currently underway by CH2M-Hill Consulting Engineers will project the population density and Water & Wastewater Treatment Facility needs for the areas of Eagle River to and including Eklutna. Preliminary studies estimate the population for this area to be between 45,949 and 70,168 people. These population figures suggest that additional Wastewater Treatment Facilities and expansion of the existing Eagle River WWTF may be necessary. This project provides for the necessity of building a Wastewater Treatment Facility in the Peters Creek area consistent with the 201 Study in progress.

**MUNICIPALITY OF ANCHORAGE – CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department				Account Code					
ANCHORAGE WATER & WASTEWATER UTILITY				551-8008-9400					
Program Category				Project Category					
ANCHORAGE WASTEWATER UTILITY				TREATMENT					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988			
THOUSANDS OF DOLLARS									
Generator #1 Overhaul (ERWWTF)				10				10	
Eklutna Wastewater Treatment Facility				500	5,000				5,500
Eagle River WWTF Expansion					300	3,000			3,300
TOTALS	7,195	22,210	885	5,735	5,300	3,050	300	1,315	42,760

MUNICIPALITY OF ANCHORAGE - CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category TREATMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Generator #1 Overhaul (ERWWTF)	<p>This project provides for the complete overhaul and rehabilitation of the existing natural gas powered generator at the ERWWTF. This generator is the primary source heat and power for the Facility and is in continuous operation. According to the Operation and Maintenance manuals concerning this generator in 1986 it will be due for a major overhaul.</p>
Eklutna Wastewater Treatment	<p>The Eagle River - Chugiak - Eklutna Wastewater Facility Plan currently underway by CH2M-Hill Consulting Engineers will project the population density and Water & Wastewater Treatment Facility needs for the areas of Eagle River to and including Eklutna. Preliminary studies estimate the population for this area to be between 45,939 and 70,168 people. These population figures suggest that additional Wastewater Treatment Facilities and expansion of the existing Eagle River WWTF may be necessary. This project provides for the necessity of building a Wastewater Treatment Facility in the Eklutna area consistent with the 201 Study in progress.</p>
Eagle River WWTF Expansion	<p>The Eagle River - Chugiak - Eklutna Wastewater Facility Plan currently underway by CH2M-Hill Consulting Engineers will project the population density and Water & Wastewater Treatment Facility needs for the areas of Eagle River to and including Eklutna. Preliminary studies estimate the population for this area to be between 45,939 and 70,168 people. These population figures suggest that additional Wastewater Treatment Facilities and expansion of the existing Eagle River WWTF may be necessary. This project provides for the expansion of the existing Eagle River WWTF consistent with the findings of this study.</p>

**MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY**

Department	ANCHORAGE WATER AND WASTEWATER UTILITY
Project	WASTEWATER - PUMP STATIONS & FORCE MAINS

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Campbell Creek Pump Station Emergency Generator (1982 p. 331)	244	0	Proceeding as described.
Telemetry - Low Capacity Pump Stations (1982 p. 331)	54	50	Proceeding as described.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: PUMP STATIONS AND FORCE MAINS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	3,032	9,715	208	134	0	27	13,116		
LAND AND R.O.W.	169	55	10	96	0	14	344		
CONSTRUCTION	599	1,047	343	2,482	0	225	4,696		
EQUIPMENT	0	21	0	0	40	0	61		
INTERFUND CHARGES	82	158	107	36	0	4	387		
OTHER	423	1,014	62	302	0	30	1,831		
TOTAL	4,305	12,010	730	3,050	40	300	20,435	0	20,435
SOURCE OF FUNDS									
G.O. BONDS AUTH							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	745	120	258	150	0	180	1,453		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	3,530	11,855	372	2,900	0	120	18,777	18,777	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	30	35	100	0	40	0	205		
OTHER	0	0	0	0	0	0	0		
TOTAL	4,305	12,010	730	3,050	40	300	20,435	18,777	1,658

MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category PUMP STATION AND FORCE MAINS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
West Interceptor (Phase II) Pump Station and Force Main	This project service area is contiguous with the N.E. and S.E. Interceptor drainage areas. The pump station will be sized for 25 MGD and expandable to 60 MGD. The force main will consist of 6,700 feet of 36-inch pipe.
Rabbit Creek Pump Station and Force Main	This project will provide service to an area south of Rabbit Creek Road. The force main will empty into the Southeast Interceptor. This project consists of a pump station and 5,600 feet of 14-inch pipe.
Campbell Creek Pump Station Emergency Generator	This project will purchase and install a 650 KW generator at the Campbell Creek Pump Station. The new generator would handle all of the existing equipment in the station. The current generation capabilities are not adequate to handle current requirements and their upkeep costs have become excessive.
Campbell Creek Pump Station Vibration Monitoring Equipment	Project would provide stationary vibration monitoring equipment at the Campbell Creek Pump Station. The station is unmanned and this equipment would shut down critical machinery when selected vibration limits are exceeded.
Chester Creek Pump Station Surge Control.	This project would modify the Chester Creek Pump Station in order to prevent future line failures such as experienced in 1981.
Telemetry-Campbell and Chester Creek Pump Stations	This project would provide new tone gear and annunciator panels for the Campbell and Chester Creek Pump Stations, plus new annunciator panels and receiving units at the Pt. Woronzof Treatment Facility. The Utility has planned several additional alarm functions from each station and the existing tone gear has no capabilities for expansion.
Miscellaneous Pump Stations - Eagle River	This project will provide for the construction of pump stations in the Eagle River area to meet the needs of its developing wastewater system.
Chester Creek Pump Station Emergency Generator	This project would provide a new power generation unit for the Chester Creek Pump Station. Due to increasing flows to the station and the need for additional pumping equipment, the current generation capabilities are not adequate to handle current and projected requirements.

MUNICIPALITY OF ANCHORAGE - CIP - 4
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code					Project Category			
ANCHORAGE WATER & WASTEWATER UTILITY		551-8008-9400					PUMP STATION AND FORCE MAINS			
Program Category		TOTAL PROJECT COST					BONDS		OTHER	STATE OR
ANCHORAGE WASTEWATER UTILITY		1983	1984	1985	1986	1987	1988	<input type="checkbox"/> G.O.	LOCAL	FEDERAL
PROJECT TITLE		<input checked="" type="checkbox"/> REV								FUNDS
THOUSANDS OF DOLLARS										
Chester Creek Pump Station and Force Main				200	2,800					3,000
Chester Creek Pump Station - 400 h.p. Motor				100					100	
Campbell Creek Pump Station Spare Sewage Pump						40			40	
TOTALS		4,305	12,010	730	3,050	40	300	1,453	205	18,777

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department	ANCHORAGE WATER & WASTEWATER UTILITY	Account Code	551-8008-9400
Program Category	ANCHORAGE WASTEWATER UTILITY	Project Category	PUMP STATION AND FORCE MAINS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Chester Creek Pump Station and Force Main	This project will increase the capacity of the existing pump station to 47.5 MGD and construct a second force main consisting of 7,000 feet of 36-inch pipe.		
Chester Creek Pump Station 400 h.p. Motor	This project will purchase a spare sewage pump motor for the Chester Creek Pump Station. The motor will be used when one of the existing motors is down for emergency or scheduled repairs. The current flow conditions at this station require that all pumping units be operational.		
Campbell Creek Pump Station - Spare Sewage Pump	This project will purchase a spare 180 h.p. Flygt Sewage Pump for use at the Campbell Creek Pump Station. This pump will be used when one of the existing units is down for emergency or scheduled repairs. The current flow conditions require that all pumping units be operational.		

MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	ANCHORAGE WATER AND WASTEWATER UTILITY
Project Category	WASTEWATER - TRUNKS AND INTERCEPTORS

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
State DOTPF Highway Related Projects (1982 p. 337)	500	500	Proceeding as described. Miscellaneous projects that occur as a result of various State Highway Department improvements that require construction of new facilities prior to paving.
Private Development Oversizing (1982 p. 337)	100	35	Project will reimburse private developers for any oversizing of sewer lines required by the Wastewater Utility.
Public Works Road Related Projects (1982 p. 337)	500	500	Proceeding as described. Miscellaneous projects that occur as a result of various Public Works paving projects that require relocation or construction of new facilities prior to paving. These projects are designed and constructed as scheduled and funds are available.
Gambell Street Trunk (1982 p. 337) (9479 - 3054)	800	750	Proceeding as described. Construction scheduled for completion in late 1982.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: TRUNKS AND INTERCEPTORS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	585	335	341	425	274	244	2,204		
LAND AND R.O.W.	343	180	216	233	148	131	1,251		
CONSTRUCTION	5,044	2,766	2,805	3,496	2,442	2,259	19,812		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	215	149	109	280	134	99	986		
OTHER	673	350	319	466	302	267	2,377		
TOTAL	6,860	3,780	3,790	4,900	3,300	3,000	25,630	0	25,630
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	1,760	1,920	2,184	2,820	1,830	1,620	12,134		
FEDERAL GRANT	0	0	0	0	0	0	0	1,423	
STATE GRANT	5,000	1,710	1,456	1,880	1,220	1,080	12,346	13,010	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	100	150	0	200	250	300	1,000		
OTHER	0	0	150	0	0	0	150		
TOTAL	6,860	3,780	3,790	4,900	3,300	3,000	25,630	14,433	11,197

MUNICIPALITY OF ANCHORAGE - CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department	ANCHORAGE WATER & WASTEWATER UTILITY	Account Code	551-8008-9400
Program Category	ANCHORAGE WASTEWATER UTILITY	Project Category	TRUNKS AND INTERCEPTORS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
State DOTPF Highway Related Projects	Reimbursement to the State of Alaska Department of Transportation and Public Facilities for installation of sewer improvements in conjunction with State Projects.		
Private Development Oversizing	Reimbursement to developers for oversizing of sewer systems designed to serve the entire service area.		
Public Works Road Related Projects	Miscellaneous projects that occur as a result of various Public Works paving projects that require relocation or construction of new facilities prior to paving. These projects are designed and constructed as planned.		
Eagle River-Chugiak-Eklutna Interceptor/Trunk Extension	This project provides for implementation of sewer extensions in accordance with the Wastewater Facilities Plan developed in 1982.		
Southeast Interceptor	Connects the E-1 thru E-7 trunks with the West Interceptor. This project will be located for the most part along the Alaska Railroad right-of-way and New Seward Highway for a distance of seven miles. Construction schedule is as follows: 1983 - From Roy Road to De Armoun 1984 - From De Armoun to E-7 Trunk		
C-5-2 Trunk, Phase II	Extension of existing trunk system from approximate vicinity of 96th Avenue and Victor Road east approximately 3/4 of a mile.		
E-7 Trunk	Project will provide sanitary sewer service to the Potter Creek Area.		
C-7 Trunk	Project will construct a sewer trunk from the Turnagain Interceptor near Klatt Road in an easterly director for approximately 1 1/2 miles along projected 115th Avenue.		
C-4 Trunk	This project consists of extending the existing sewer trunk from the intersection of Jewel Terrace Street and Dimond Boulevard east along Dimond Boulevard for approximately 3/4 mile.		

**MUNICIPALITY OF ANCHORAGE -- CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department		Account Code					BONDS			OTHER LOCAL	STATE OR FEDERAL FUNDS
ANCHORAGE WATER & WASTEWATER UTILITY		551-8008-9400					<input type="checkbox"/> G.O.	OTHER LOCAL	STATE OR FEDERAL FUNDS		
Program Category		Project Category					<input checked="" type="checkbox"/> REV				
ANCHORAGE WASTEWATER UTILITY		TRUNKS AND INTERCEPTORS									
PROJECT TITLE	TOTAL PROJECT COST										
	1983	1984	1985	1986	1987	1988					
THOUSANDS OF DOLLARS											
North Valley Trunk			1,240				744			496	
C-6 Trunk				2,400			1,440			960	
A-4 Trunk/ International Airport Rd. S. to Raspberry					750		450			300	
TOTALS	6,860	3,780	3,790	4,900	3,300	3,000	12,134	1,150		12,346	

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category TRUNKS AND INTERCEPTORS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
North Valley Trunk	This project will provide sewer service to an area on the south side of Eagle River Road north of the River for a distance of approximately two miles east of the New Glenn Highway.
C-6 Trunk	This project consists of extending the trunk system from the projected intersection of Victor Road and 104th Avenue, east along 104th Avenue projected a distance of approximately 1 1/2 miles.
A-4 Trunk/International Airport Road S. to Raspberry	This project will provide sewer service to the area east of the Minnesota extension to Arctic Boulevard between International Airport Road and Raspberry Road and will reduce the volume of wastewater pumped through the Chester Creek Pump Station.

**MUNICIPALITY OF ANCHORAGE – CIP - 2
EXISTING CAPITAL BUDGET SUMMARY**

Department	ANCHORAGE WATER AND WASTEWATER UTILITY
Project Category	WASTEWATER - LATERALS

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Anticipated L.I.D's (1982 p. 343)	3,000	3,000	Lateral Improvement Districts are initiated by property owners in any part of the Wastewater Utility's service area requesting service be provided. Proceeding as described.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: LATERALS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	400	558	585	603	603	630	3,379		
LAND AND R.O.W.	60	63	97	101	101	105	527		
CONSTRUCTION	2,660	4,222	4,395	4,529	4,529	4,732	25,067		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	480	744	780	804	804	840	4,452		
OTHER	400	613	643	663	663	693	3,675		
TOTAL	4,000	6,200	6,500	6,700	6,700	7,000	37,100	0	37,100
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	4,000	3,720	3,900	4,020	4,020	4,200	23,860		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	2,480	2,600	2,680	2,680	2,800	13,240	14,840	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	0	0	0	0	0	0		
OTHER	0	0	0	0	0	0	0		
TOTAL	4,000	6,200	6,500	6,700	6,700	7,000	37,100	14,840	22,260

**MUNICIPALITY OF ANCHORAGE – CIP - 4
CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY**

Department ANCHORAGE WATER & WASTEWATER UTILITY				Account Code 551-8008-9400					
Program Category ANCHORAGE WASTEWATER UTILITY				Project Category LATERALS					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988	THOUSANDS OF DOLLARS		
Anticipated Lateral Improvement Districts (LID's)	4,000	6,200	6,500	6,700	6,700	7,000	23,860		13,240
TOTALS	4,000	6,200	6,500	6,700	6,700	7,000	23,860		13,240

**MUNICIPALITY OF ANCHORAGE – CIP - 5
CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY**

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category LATERALS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
<p>Anticipated Lateral Improvement Districts (LID's)</p>	<p>This project consists of the design and construction of anticipated lateral sewer extensions based upon petitions submitted and approved by area residents. Anticipated lateral sewers would be constructed on a first come, first served basis as approved by the Municipal Assembly.</p>

MUNICIPALITY OF ANCHORAGE -- CIP - 2
EXISTING CAPITAL BUDGET SUMMARY

Department	ANCHORAGE WATER AND WASTEWATER UTILITY
Project	WASTEWATER - REPAIR AND REHABILITATION

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
R & R Public Works Road Related Projects (1982 p. 347)	450	450	Proceeding as described. Miscellaneous projects that require repair or reconstruction of existing facilities prior to Public Works road improvements.
R & R Emergencies (1982 p. 347)	215	215	Proceeding as described. Project is to repair or replace defects in the wastewater system on an unscheduled, as required basis.
R & R C-9 Trunk (1982 p. 347) (9382-2907)	116	10	Proceeding as described. Construction scheduled for late 1982.
R & R International Airport (1982 p. 347) (9481-3051)	850	175	Proceeding as described. Construction scheduled for late 1982.
R & R Potter at "C" Street (1982 p. 347) (9382-2900)	70	70	Proceeding as described. Construction completed in 1982.
R & R Alaska Industrial (1982 p. 347) (9382-2901)	100	0	Project postponed due to increase in scope and shortage of funds. Project is rescheduled for 1983.
R & R CMP on Tidal Flats (Knik Interceptor)(1982 p. 347)	100	0	Proceeding as described. Design scheduled for late 1982.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: REPAIR AND REHABILITATION

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	606	527	475	726	303	357	2,994		
LAND AND R.O.W.	290	249	224	213	101	109	1,186		
CONSTRUCTION	5,413	4,822	4,316	6,448	2,938	3,447	27,384		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	122	120	100	146	72	84	644		
OTHER	674	587	525	792	336	398	3,312		
TOTAL	7,105	6,305	5,640	8,325	3,750	4,395	35,520	0	35,520
SOURCE OF FUNDS									
G.O. BONDS AUTH							TOTAL FUNDS	REIMBURSABLES	NON-REIMBURSABLES
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	1,605	1,275	520	3,030	540	550	7,520		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	4,900	3,580	3,665	3,760	1,360	1,470	18,735	18,735	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	600	1,450	1,455	1,535	1,850	2,375	9,265		
OTHER	0	0	0	0	0	0	0		
TOTAL	7,105	6,305	5,640	8,325	3,750	4,395	35,520	18,735	16,785

MUNICIPALITY OF ANCHORAGE - CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY		Account Code 551-8008-9400	
Program Category ANCHORAGE WASTEWATER UTILITY		Project Category REPAIR AND REHABILITATION	
PROJECT TITLE		SUMMARY OF PROJECT SCOPE	
R & R Emergency		These are emergency repairs to the sewer system that might result from failures or other malfunctions that make the system inoperable.	
R & R Public Works Road Related Projects		This project is for the Repair and Rehabilitation of Sanitary Sewer lines that are within the boundaries of Public Works Road Improvement Projects.	
R & R CMP on Tidal Flats (Knik Interceptor)		Project consists of the design in 1982 and reconstruction in 1983 thru 1986 of 5,805 feet of 36" CMP that lies within the area affected by tidal action both north and south of the Chester Creek Pump Station #2. This line is badly deteriorated. A major failure could put the line out of operation for months.	
R & R Fish Creek Interceptor		Project is for planned design and rehabilitation of the portion of the Fish Creek Interceptor that lies between Chugiak Way and Minnesota Drive. There is approximately 1300 feet of pipe involved in this project. The pipe in this area is deteriorating rapidly, possibly due to the poor soil conditions.	
R & R 29th to 34th Avenue/ Wisconsin to Turnagain		Project consists of design and rehabilitation of the gravity sewer lines between Wisconsin Street and Turnagain Boulevard and the project title streets. This project is needed to bring the sewer service in this residential area up acceptable standards and to cut down on maintenance costs and damage claims incurred by the Utility.	
R & R Merrill Field & 3rd and Sitka		This project is to insulate the shallow gravity sewer lines in the Merrill Field and 3rd and Sitka areas. These lines have frozen every year during the winter months for the last ten years, causing problems with the commercial users on the line and burdening the Utility with additional maintenance expenses.	
R & R Alaska Industrial		This project will reconstruct the shallow gravity sewer lines in the Chipperfield and East 4th Avenue area. This line has frozen every year during the winter months for the last ten years, causing problems with the commercial users on the line and burdening the Utility with additional maintenance expenses.	

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department	ANCHORAGE WATER & WASTEWATER UTILITY	Account Code	551-8008-9400
Program Category	ANCHORAGE WASTEWATER UTILITY	Project Category	REPAIR AND REHABILITATION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
R & R 8th Avenue Diversion	This project will divert an existing 15" vitrified clay pipe that runs down an approximately 26° to 30° slope to the new CBD2 Trunk that runs one block to the north. The existing line is badly deteriorated.		
R & R 5th and 6th Avenue/ "I" and "K" Alley	This project is for the design and rehabilitation of the gravity sewer at this location. The project will eliminate excessive maintenance costs and recurring customer flooding.		
R & R Miscellaneous Projects	This project consists of the design and rehabilitation of miscellaneous gravity sewer lines which have a high cost of maintenance and pose continuing problems to our customers.		
R & R Subdivision Reconstruction	This project consists of the reconstruction of older sewer systems and deteriorating sewer systems built in subdivisions consisting of poor soil conditions.		
R & R Government Hill	This project consists of the rerouting of a 6" steel line that has a failure. The line runs under a structure with a manhole in the structure, then down a 60% to 70% grade making it inaccessible for repairs.		
R & R "F" Street - 2nd Avenue - "G" Street	Project consists of design and reconstruction of the gravity sewer line along F Street, 2nd Avenue and G Street. The users in the area served by this portion of line are predominately commercial. Because of the poor condition the line is presently in, flow capacities are greatly restricted.		
R & R Scenic Park	This project is for design and construction of approximately 1,850 feet of pipe in Scenic Park, predominately on James Drive and Irene Drive. This project will reduce maintenance costs and costs associated with sewage backups and complaints.		
C-5 Campbell Creek Trunk Reline	This project is for the design and rehabilitation by relining of the Campbell Creek Trunk after the West Interceptor, Phase II, is completed. This CMP trunk is badly deteriorated.		

MUNICIPALITY OF ANCHORAGE – CIP - 4
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code								
ANCHORAGE WATER & WASTEWATER UTILITY		551-8008-9400								
Program Category		Project Category								
ANCHORAGE WASTEWATER UTILITY		REPAIR AND REHABILITATION								
PROJECT TITLE	TOTAL PROJECT COST						BONDS	OTHER LOCAL	STATE OR FEDERAL FUNDS	
	1983	1984	1985	1986	1987	1988	<input type="checkbox"/> G.O. <input checked="" type="checkbox"/> REV			
THOUSANDS OF DOLLARS										
R & R Inlet View			255					255		
R & R 26th Avenue/Spenard Road to Minnesota				210				210		
TOTALS	7,105	6,305	5,640	8,325	3,750	4,395	7,520	9,265	18,735	

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category REPAIR AND REHABILITATION
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
R & R Inlet View R & R 26th Avenue/Spenard Road to Minnesota	<p>Project consists of design and rehabilitation of the gravity line around the Inlet View School. This project is needed to bring the sewer service in this residential area up to acceptable standards and to cut down future maintenance costs and damage claims incurred by the Utility.</p> <p>Project consists of design and rehabilitation of the gravity sewer between Spenard Road and Minnesota Drive on 26th Avenue. This project is needed to maintain the sewer system, cut down maintenance costs and reduce clean up damages incurred because of flooding.</p>

MUNICIPALITY OF ANCHORAGE – CIP - 2
 EXISTING CAPITAL BUDGET SUMMARY

Department	ANCHORAGE WATER AND WASTEWATER UTILITY
Project	WASTEWATER – NEW EQUIPMENT

EXISTING CAPITAL IMPROVEMENT BUDGET/PROJECTS COMPLETED DURING PRIOR YEAR

PROJECT TITLE/COST CENTER	Original CIB Cost Est.	Total Current Funding	EXPLANATION/STATUS
Vehicles (1982 p. 353) (9382-3031)	300	300	Proceeding as described.
Continuous Property Record Management Information System (1982 p. 353)	939	939	Proceeding as described.
Miscellaneous Equipment (1982 p. 353) (9382-3011)	150	108	Proceeding as described.

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: NEW EQUIPMENT

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	0	0	0	0	0	0	0		
LAND AND R.O.W.	0	0	0	0	0	0	0		
CONSTRUCTION	762	230	0	0	0	0	992		
EQUIPMENT	775	564	866	785	437	480	3,907		
INTERFUND CHARGES	81	50	16	16	17	20	200		
OTHER	187	91	88	79	41	45	531		
TOTAL	1,805	935	970	880	495	545	5,630	0	5,630
SOURCE OF FUNDS									
							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	0	0	0	0	0	0	0		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	0	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	1,805	935	970	880	495	545	5,630		
OTHER	0	0	0	0	0	0	0		
TOTAL	1,805	935	970	880	495	545	5,630	0	5,630

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY	Account Code 551-8008-9400
Program Category ANCHORAGE WASTEWATER UTILITY	Project Category NEW EQUIPMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE
Vehicles	<p>This project includes the purchase of new vehicles as well as the planned replacement of worn out or wrecked vehicles and equipment as indicated below:</p> <p>1983 1 1973 Ford Y800 Sewer Jet (0724) 2 1976 Toyota Pickups (2255, 2267) 1 1977 Plymouth Volare (1883) 1 1977 Ford 4 door Sedan (2017) 1 1977 Toyota 1/2 Ton Pickup (2279) 1 1973 International 2 1/2 Ton Flatbed with Articulation Crane (0739) 1 1975 Dodge 3/4 Ton Pickup with Dump Bed (2328) 2 New Mid-Size 4 door Sedans 3 New Mid-Size Pickup Trucks 1 New 1 Ton Flatbed 1 New 1/2 Ton Van 1 New 1 Ton Van 1 New 1 1/2 Ton Van</p> <p>1984 1 1970 Hose Truck (0728) 1 1972 Dump Truck (0723) 1 1976 Sewer Jet (0730) 2 1976 Toyota 1/2 Ton Pickups (2257, 2270) 1 1977 Sedan (2015) 2 1977 Toytoa 1/2 Ton Pickups (2277, 2278) 1 1977 3/4 Ton Pickup (2333) 1 1978 3/4 Ton Pickup (2738) 2 1978 3/4 Ton 4 x 4 Pickup with snow plow (2643, 2741) 1 1978 Chevy 1 Ton 4 x 4 Pickup with snow plow (0756) 1 1977 Dodge 1 Ton Van (2945)</p> <p>1985 thru 1988 - Various equipment and vehicles as necessary.</p>

MUNICIPALITY OF ANCHORAGE -- CIP - 4
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department ANCHORAGE WATER & WASTEWATER UTILITY				Account Code 551-8008-9400					
Program Category ANCHORAGE WASTEWATER UTILITY				Project Category NEW EQUIPMENT					
PROJECT TITLE	TOTAL PROJECT COST						BONDS <input type="checkbox"/> G.O. <input type="checkbox"/> REV	OTHER LOCAL	STATE OR FEDERAL FUNDS
	1983	1984	1985	1986	1987	1988			
THOUSANDS OF DOLLARS									
Miscellaneous Equipment	455	410	315	320	320	325		2,145	
Continuing Property Records Management Information System	1,020	310						1,330	
Miscellaneous Computer Equipment		30	30	25	25	20		130	
Graphic Information System			500	400				900	
TOTALS	1,805	935	970	880	495	545		5,630	

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department	ANCHORAGE WATER & WASTEWATER UTILITY	Account Code	551-8008-9400
Program Category	ANCHORAGE WASTEWATER UTILITY	Project Category	NEW EQUIPMENT
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Miscellaneous Equipment	This project provides for the orderly replacement of worn or damaged miscellaneous small equipment beyond the economic feasibility of being repaired. It also includes funding to purchase some new, more efficient items as technology progresses.		
Continuing Property Records Management Information System	This project will provide an automated continuous property record account system as required by State directives. When completed the system will serve both the Water and Wastewater Utility. Both Utilities are participating in the cost of purchasing this system.		
Miscellaneous Computer Equipment	This project provides for the acquisition of non-scheduled computer equipment and softwares due to emergency requirements or damage, loss, and replacement of existing computer equipment.		
Graphic Information System	Project will provide for the development of a graphic information system with primary interfaces to the CPRMIS systems and the proposed MOA Geoprocessing Information System. This project will automate and provide computer graphic maps, asbuilts, construction drawings and design capabilities. Includes data gathering, interface to existing systems and computer equipment.		

MUNICIPALITY OF ANCHORAGE
CAPITAL PROJECT CATEGORY SUMMARY

DEPARTMENT: WASTE WATER UTILITY

PROJECT CATEGORY: BUILDINGS

	THOUSANDS OF DOLLARS						FUTURE PROJECT COST	PRIOR YEARS APPROP	TOTAL PROJECT COST
	1983	1984	1985	1986	1987	1988			
CAPITAL INVESTMENT COSTS									
PLANNING AND DESIGN	50	590	130	0	5	0	775		
LAND AND R.O.W.	3,408	0	0	0	0	0	3,408		
CONSTRUCTION	0	5,284	1,690	35	91	20	7,120		
EQUIPMENT	0	0	0	0	0	0	0		
INTERFUND CHARGES	42	189	38	0	1	0	270		
OTHER	0	542	202	0	3	0	747		
TOTAL	3,500	6,605	2,060	35	100	20	12,320	0	12,320

SOURCE OF FUNDS							TOTAL FUNDS	REIMBUR SABLES	NON-REIM BURSABLES
	1983	1984	1985	1986	1987	1988			
G.O. BONDS AUTH									
G.O. BONDS UNAUTH.	0	0	0	0	0	0	0	0	
REVENUE BONDS	3,500	6,500	2,000	0	0	0	12,000		
FEDERAL GRANT	0	0	0	0	0	0	0	0	
STATE GRANT	0	0	0	0	0	0	0	12,000	
CONTRIBUTIONS	0	0	0	0	0	0	0		
OPERATING REV	0	105	60	35	100	20	320		
OTHER	0	0	0	0	0	0	0		
TOTAL	3,500	6,605	2,060	35	100	20	12,320	12,000	320

MUNICIPALITY OF ANCHORAGE -- CIP - 4
 CAPITAL IMPROVEMENT PROJECT FINANCIAL SUMMARY

Department		Account Code					BONDS		OTHER LOCAL		STATE OR FEDERAL FUNDS
ANCHORAGE WATER & WASTEWATER UTILITY		551-8008-9400					<input type="checkbox"/> G.O.				
Program Category		Project Category					<input checked="" type="checkbox"/> REV				
ANCHORAGE WASTEWATER UTILITY		BUILDINGS									
PROJECT TITLE	TOTAL PROJECT COST										
	1983	1984	1985	1986	1987	1988					
THOUSANDS OF DOLLARS											
Site Acquisition/New AWWU Administration Building	3,500						3,500				
New AWWU Administration Building		6,500					6,500				
Anchorage Wastewater Treatment Facility		85				20		105			
Girdwood Wastewater Treatment Facility Improvements		20						20			
Final Site Enhancement/ Anchorage Water & Wastewater Utility Administration Building			2,000				2,000				
Campbell Creek Pump Station Painting and Rehabilitation			60					60			
Eagle River Wastewater Treatment Facility Improvements				35				35			
Girdwood Wastewater Treatment Facility Paved/Covered Parking Area					75			75			
Chester Creek Pump Station Painting and Rehabilitation					25			25			
TOTALS	3,500	6,605	2,060	35	100	20	12,000	320			

MUNICIPALITY OF ANCHORAGE – CIP - 5
 CAPITAL IMPROVEMENT PROJECT SCOPE SUMMARY

Department	ANCHORAGE WATER & WASTEWATER UTILITY	Account Code	551-8008-9400
Program Category	ANCHORAGE WASTEWATER UTILITY	Project Category	BUILDINGS
PROJECT TITLE	SUMMARY OF PROJECT SCOPE		
Site Acquisition/New AWWU Administration Building	Project would provide for the acquisition of approximately 10 acres of land to be utilized as a new AWWU Administration Building site. The present site at 3000 Arctic Boulevard has serious inadequacies in the areas of: room for building expansion, equipment and vehicle storage, and visitor/employee parking.		
New AWWU Administration Building	Project would provide for the design and construction of a new AWWU Administration Building consisting of approximately 30,000 square feet of office space and 20,000 square feet of garage, storage, and miscellaneous areas. The present buiding has serious inadequacies in the areas of: office space, conference/training room for large groups, heating system, storage for records, handicapped access, and utility supply (electricity and natural gas).		
AWWTF Improvements	1984 - Project would include the exterior painting of all plant buildings and interior painting of administration and incinerator buildings, repair of utilidor curbing and asphalt resurfacing, replacement of access and parking area pavement south and west of shop building, and new carpeting for administration building. 1988 - Reseal of all building roofs.		
GWTF Improvements	Project would pave the access and parking areas in front of the sludge dry bed structure.		
Final Site Enhancement/ AWWU Administration Building	Project would provide for such site enhancements as: access and parking lot paving, landscaping, bulk fuel storage (CNG and gasoline), security fence, emergency power for building, etc.		
Campbell Creek Pump Station Painting and Rehabilitation	Project would grout cracks, seal and paint all interior and exterior walls, and provide a gravel improvement for the access road.		
ERWTF Improvements	Project would provide for asphalt resurfacing of all driveway and parking areas.		
GWTF Paved/Covered Parking Area	Project would pave and provide a carport type cover over the existing parking area.		
Chester Creek Pump Station Painting and Rehabilitation	Project would grout cracks, seal and paint all interior and exterior walls.		