



Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER UTILITY	8700		

### MISSION AND GOALS

The original water system for Anchorage was installed by the Alaska Railroad in 1917. In 1921, the City purchased that system and associated water rights from the Alaska Engineering Commission. As the City expanded by annexation, the water system was extended into new areas and independent water systems previously serving the annexed areas were acquired by the City. Since December, 1970, the Anchorage Water Utility has been regulated by the Alaska Public Utilities Commission. The entire service area is now governed by the Municipality of Anchorage as a result of unification of the City of Anchorage and the Greater Anchorage Area Borough on September 15, 1975. At the present time, the Anchorage Water Utility has over 18,000 connections and serves an area of 30 square miles with an approximate population of 118,000.

During 1983, the Water Utility proposes a construction program that will emphasize the need for expanding sources of water supply and storage, as well as maximizing the efficiency of existing systems and resources. In order to accomplish this objective, the Water Utility proposes initiating the design of the Water Treatment Plant Expansion; the construction of an additional well; the addition of treated water storage capacity and upgrading the use of operational resources through automation associated with computerized mechanization of routine functions. Also during this year, the preliminary right-of-way acquisition and the design of a pilot treatment plant, based on the Eklutna Water Study, will begin the development of the long term water supply solution for the Municipality.

The Anchorage Water Utility, in its effort to provide dependable service to all Municipal customers, has acquired several small water utilities in Eagle River during this year and is presently negotiating with a major water purveyor in Anchorage. These acquisitions are consistent with the goals of the Utility in the provision of the same level of service at the same cost to all residents in the Municipality.

The impact of extended service through acquisition will have an immediate effect on the Utility's need for equipment and personnel to assume these additional responsibilities. In preparation for this impact, the Utility has established in-house personnel staff support; established written policies and procedures and has initiated training and development programs.

Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WASTEWATER UTILITY	9300		

MISSION AND GOALS

Sewers were first installed in Anchorage during 1916 along the lower bluff from the Alaska Railroad Depot, west to the inlet by the Alaska Engineering Commission. As Anchorage grew, construction of sewers continued and, by the end of World War II, sewers were available to most of the area between Ship Creek and Chester Creek to the west of Cordova Street. The Anchorage Area Borough was created in 1964, and soon after was granted area wide sewer powers. The last major private sewer utility was acquired by the GAAB in 1972. Since 1971, the Anchorage Wastewater Utility has been regulated by the Alaska Public Utilities Commission and holds a Certificate of Convenience and Necessity for serving the Anchorage Bowl, Eagle River, and Girdwood. The Utility is now governed by the Municipality of Anchorage as a result of unification of the City of Anchorage and the Greater Anchorage Area Borough on September 15, 1975.

The 1983 construction program will emphasize expansion into those areas where development has generated a public need and provides funding to extend public sewers by means of lateral improvement districts to presently developed areas where on-site disposal systems are not longer feasible. Construction of the 78" West Interceptor and Southeast Interceptor will provide downstream capacity for the expansion of the lateral system in the east, northwest, and south sections of the Anchorage Bowl Service Area. Upgrade of the Pt. Woronzof Treatment Plant and the eventual completion of the outfall extension will enable the Utility to meet the more stringent discharge requirements of the EPA and prevent the imminent overload situation.

Completion of the Eagle River Treatment Plant expansion, and expansion of the Interceptor and Trunk collection system will provide for the normal and planned development of sewers in the Eagle River Service Area. The expansion in plant and service will significantly impact the staffing requirements to operate and maintain this service.

With the completion of the Girdwood/Alyeska Treatment Plant, Interceptors and collection system, extension of public sewers by means of lateral improvement districts will proceed as requested by property owners in developed areas.

## MUNICIPALITY OF ANCHORAGE

Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
<p style="text-align: center;">BUSINESS ISSUES</p> <ul style="list-style-type: none"> <li>- Growth</li> <li>- Financing <ul style="list-style-type: none"> <li>o C.E.I.P. Bonds</li> <li>o Sewer Revenue Bonds</li> <li>o Operational Construction</li> <li>o A.D.E.C./E.P.A. Grant Funds</li> <li>o Municipal Assistance/Ad Valorem Taxes</li> </ul> </li> <li>- Bond Ratings</li> <li>- Cost-of-Service Studies <ul style="list-style-type: none"> <li>o Water - Residential Metering</li> <li>o Sewer - Military Contracts</li> </ul> </li> <li>- Rate Cases</li> <li>- Accounting Methodology - Eklutna Project</li> <li>- Capital Improvement Program</li> <li>- Interfunds</li> <li>- Human Resources <ul style="list-style-type: none"> <li>o Career Development</li> <li>o Training</li> <li>o Long Range Planning</li> </ul> </li> <li>- Acquisition of Central Alaska Utilities</li> </ul>					

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES	RANGE & STEP	1982 PROFORMA BUDGET	1983	1983	
			PROPOSED	ADOPTED	
<u>GENERAL MANAGER</u>					
General Manager	E-2	1	1	1	
Project Manager	E-1	1*	1	1	
Utility Management Assistant II	17N	0	0	0	
Junior Administrative Officer	12N	1	1	1	
Senior Office Associate	10N	1	1	1	
		4	4	4	
<u>TECHNICAL SERVICES</u>					
Utility Management Assistant II	17N	1	1	1	
Utility Management Assistant I	16N	3	3	3	
Senior Administrative Officer	15N	1	1	1	
Junior Administrative Officer	12A	1	1	1	
Office Associate	9A	1	1	1	
		7	7	7	
<u>ENGINEERING &amp; PLANNING ADMINISTRATION</u>					
Manager	E-1	1	1	1	
Office Associate	9A	1	1	1	
Senior Office Assistant	8A	1	1	1	
		3	3	3	
<u>ENGINEERING</u>					
Civil Engineer III	17N	1	1	1	
Civil Engineer I/II	16A	2	2	2	
Engineering Technician IV	16A	2	2	2	
Engineering Technician I/III	14A	7	7	7	
Engineering Technician I/III	9A	1	1	1	
		13	13	13	

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES	RANGE & STEP	1982 PROFORMA BUDGET	1983	1983	
			PROPOSED	ADOPTED	
<u>CONSTRUCTION</u>					
Civil Engineer III	17N	1	1	1	
Civil Engineer I/II	16A	1	1	1	
Civil Engineer I/II	16A	0	1*	1*	
Engineering Technician IV	16A	1*	1	1	
Engineering Technician I/III	12A	0	1*	1*	
		3	5	5	
<u>PLANNING</u>					
Civil Engineer III	17N	1	1	1	
Civil Engineer I/II	16A	1*	1	1	
Engineering Technician IV	16A	3*	3	3	
Engineering Technician I/III	14A	5	5	5	
Principal Administrative Officer	16A	1*	1	1	
		11	11	11	
<u>OPERATIONS &amp; MAINTENANCE ADMINISTRATION</u>					
Manager	E-1	1	1	1	
Office Associate	9A	1	1	1	
Senior Office Assistant	8A	2	1	1	
		4	3	3	
<u>MAINTENANCE</u>					
Superintendent	17N	1	1	1	
General Foreman	16N	3	3	3	
Maintenance Foreman	24-JCC	6	6	6	
Utility Inspector	22-JCC	1	1	1	
Heavy Equipment Operator Journeyman	21-JCC	2	2	2	
Warehouse Journeyman	21-JCC	1	1	1	

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES		RANGE & STEP	1982 PROFORMA BUDGET	1983	1983
				PROPOSED	ADOPTED
<u>MAINTENANCE (Continued)</u>					
Journeyman Utilityman		21-JCC	27	30*	30*
Utilityman III		20-JCC	7	7	7
Utilityman II		15-JCC	3	3	3
Assistant Parts Warehouseman		15-JCC	1	1	1
Building Superintendent		7-JCC	1	1	1
Utilityman III - Part Time		20-JCC	1	1	1
Utilityman II - Part Time		15-JCC	1	1	1
Utilityman I - Part Time		13-JCC	6*	6	6
			61	64	64
<u>VEHICLES</u>					
General Foreman		16N	1	1	1
Mechanic Leadman		22-JCC	1	1	1
Expeditor		22-JCC	1	1	1
Mechanic		21-JCC	1	2*	2*
			4	5	5
<u>CUSTOMER &amp; FIELD SERVICE</u>					
Superintendent		17N	1	1	1
General Foreman		16N	1	1	1
Field Service Foreman		24-JCC	1	1	1
Field Service Journeyman		21-JCC	3	3	3
Meter Installer Repairman		21-JCC	2	2	2
Utilityman III		20-JCC	1	1	1
Field Serviceman I		18-JCC	3	3	3
Meter Reader		16-JCC	2	2	2
Junior Administrative Officer		12A	1	1	1
Office Associate		9A	1	1	1
Customer Service Representatives		8/10	6	6	6
			22	22	22

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES	RANGE & STEP	1982 PROFORMA BUDGET	1983	1983	
			PROPOSED	ADOPTED	
<u>TREATMENT ADMINISTRATION</u>					
Manager	E-1	1	1	1	
Office Associate	9A	1	1	1	
		2	2	2	
<u>WASTEWATER TREATMENT SUPERINTENDENT</u>					
Superintendent	17N	1	1	1	
		1	1	1	
<u>WASTEWATER TREATMENT ANCHORAGE</u>					
Superintendent	17N	0	0	0	
General Foreman	16N	1	1	1	
Operations Foreman	24-JCC	4	4	4	
Senior Treatment Plant Operator	22-JCC	4	4	4	
Operator II	21-JCC	8	8	8	
Operator I	18-JCC	5	5	5	
Senior Office Assistant	8A	1	1	1	
		23	23	23	
<u>WASTEWATER TREATMENT - EAGLE RIVER</u>					
General Foreman	16N	1	1	1	
Senior Treatment Plant Operator	22-JCC	2	2	2	
Operator II	21-JCC	1	3*	3*	
		4	6	6	

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES	RANGE & STEP	1982 PROFORMA BUDGET	1983	1983	
			PROPOSED	ADOPTED	
<u>WASTEWATER TREATMENT - GIRDWOOD</u>					
General Foreman	16N	1	1	1	
Senior Treatment Plant Operator	22-JCC	2	2	2	
Operator II	21-JCC	1	1	1	
		4	4	4	
<u>TREATMENT -REPAIR SERVICE AND PUMP STATION</u>					
Superintendent	17N	1	1	1	
General Foreman	16N	1	1	1	
Maintenance Foreman	24-JCC	4	4	4	
Expeditor	22-JCC	1	1	1	
Mechanic Machinist	22-JCC	1	1	1	
Mechanic Leadman	22-JCC	1	2*	2*	
Instrument/Systems Technician	22-JCC	5*	6*	6*	
Mechanic	21-JCC	1	2*	2*	
Warehouse Journeyman	21-JCC	1	1	1	
Journeyman Craftsman	21-JCC	1	1	1	
Utilityman III	20-JCC	0	2*	2*	
Utilityman II	15-JCC	4	4	4	
Building Superintendent	7-JCC	1	1	1	
		23	28	28	
<u>LABORATORY</u>					
Laboratory Superintendent	17N	1*	1	1	
Laboratory Analyst Supervisor	14N	1	1	1	
Laboratory Analyst	12A	1	2*	2*	
Water Quality Technician II	11A	2	2	2	
Laboratory Assistant	9A	1	1	1	
Senior Office Assistant	8A	1*	1	1	
		7	8	8	

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES	RANGE & STEP	1982 PROFORMA BUDGET	1983	1983	
			PROPOSED	ADOPTED	
<u>WATER TREATMENT</u>					
Superintendent	17N	1	1	1	
General Foreman	16N	1	1	1	
Senior Treatment Plant Operator	22-JCC	6	6	6	
Operator II	21-JCC	2	2	2	
Operations Foreman	24-JCC	0	1*	1*	
Maintenance Foreman	24-JCC	0	1*	1*	
Utilityman III	20-JCC	0	1*	1*	
Utilityman II	15-JCC	0	1*	1*	
		10	14	14	
<u>FINANCE &amp; ADMINISTRATION</u>					
Manager	E-1	1	1	1	
Office Associate	9A	1	1	1	
Senior Office Assistant	8A	0	0	0	
		2	2	2	
<u>ACCOUNTING</u>					
Principal Accountant	16N	1	1	1	
Senior Administrative Officer	15N	1	1	1	
Senior Administrative Officer	15A	1	1	1	
Junior Administrative Officer	12A	2*	2	2	
Junior Accountant	12A	1	1	1	
Senior Office Associate	10N	1	1	1	
Office Associate	9A	1	1	1	
		8	8	8	

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Department	Unit No.	Division	Unit No.	Section	Unit No.
PUBLIC UTILITIES	8000	ANCHORAGE WATER & WASTEWATER UTILITY			
PERSONNEL RESOURCES		RANGE & STEP	1982 PROFORMA BUDGET	1983	1983
				PROPOSED	ADOPTED
<u>FINANCIAL PLANNING</u>					
Principal Administrative Officer		16N	1	1	1
			1	1	1
<u>REVENUE REQUIREMENTS</u>					
Revenue Requirements Officer		17N	1	1	1
Principal Accountant		16N	0	0	0
Junior Administrative Officer		12A	0	0	0
			1	1	1
<u>ADMINISTRATION</u>					
Utility Management Assistant II		17N	1	1	1
Safety/Training Officer		16N	1*	1	1
Senior Administrative Officer		15N	1	1	1
Junior Administrative Officer		12N	1*	1	1
Senior Office Assistant		8A	1	2	2
Senior Courier		8A	1*	1	1
			6	7	7
<u>MANAGEMENT INFORMATION SYSTEMS</u>					
Manager		E-1	1	1	1
Program Analyst		16N	2	2	2
Programmer/Trainee		12N	1	1	1
Office Associate		9A	1*	1	1
			5	5	5
TOTAL:			<u>229**</u>	<u>247</u>	<u>247</u>
** Two positions transferred-in from Public Works					
* New positions					