

WATER UTILITY FUND BUDGET

**City of Anchorage
1953**

WATER UTILITY BUDGET

REVENUE ESTIMATES

<u>Code</u>		<u>Estimated 1952</u>	<u>Estimated 1953</u>
W 602	Flat Rate Sales	\$ 286,300	\$ 363,800
W 607	Inter Fund Sales	1,700	1,700
W 613	Miscellaneous (Reim- bursables)	19,000	7,000
	Total Service Revenue	307,000	372,500
	Contribution to General Fund	49,983	
	Plus Reserve for Depreciation	45,372	51,795
	<u>Total Revenue Resources</u>	<u>402,355</u>	<u>424,295</u>

EXPLANATION OF WATER REVENUES

Flat rate sales computed on the basis of the new customers as of September 1952 that will be in service for 12 months (456 units @ \$3.00 rate, 388 units @ \$3.90 rate, 350 units @ \$6.00 rate) plus the estimate of 754 new units that will use water for an average of six months, at various rates, to be connected in the new year. These new customers represent \$65,000 increase in sales over 1952.

The 'Miscellaneous' includes \$5,000 reimbursable charges for water connections, \$2,000 from construction. Depreciation is shown as revenue to be used in capital plant construction.

WATER UTILITY FUND
EXPENDITURES

<u>Code</u>	<u>Estimated 1952</u>	<u>Estimated 1953</u>
OPERATING EXPENSES		
<u>Source of Supply</u>		
W 701 Supervision & Labor	\$ 16,810	\$ 10,772
W 702 Supplies & Expense	9,122	9,500
W 703 Repairs	4,570	4,000
Total Source of Supply	30,502	24,272
<u>Pumping Expense</u>		
W 717 Supervision & Labor	\$ 8,230	\$ 4,772
W 718 Power Purchased	12,126	8,000
W 719 Supplies & Expense	2,025	1,500
W 720 Repairs	550	300
Total Pumping Expense	\$ 22,931	\$ 14,572
<u>Purification Expense</u>		
W 731 Supervision & Labor	\$ 10,200	\$ 4,772
W 732 Supplies and Expense	3,300	6,500
W 733 Repair	660	400
W 734 Fluoridation	300	3,500
Total Purification	\$ 14,460	\$ 15,172
<u>Transmission & Distribution</u>		
W 741 Supervision & Labor	\$ 20,000	\$ 26,000
W 742 Supplies & Expense	450	500
W 743 Repairs (Labor & Material)	8,000	10,000
Total Transmission & Distribution	28,450	36,500
<u>General Expense</u>		
W 751 Accounting & Collection	32,800	33,000
W 764 Other General Expense	18,600	15,376
W 805 Stores Expense	5,700	6,000
W 806 Transportation	3,800	4,200
W 808 Annual Leave	5,300	15,150
Total General Expense	76,200	73,726

<u>Code</u>	<u>Estimated 1952</u>	<u>Estimated 1953</u>
<u>Other Expense</u>		
W 241 Depreciation	\$ 45,372	\$ 51,795
Repayment to Gen. Fund		6,368
W 505 Payments in lieu of Taxes	27,851	29,730
W 521 Interest on Long Term		
Debt	43,125	39,844
Bond Retirement	50,000	50,000
W 113.12 Bond Redemption Reserve	12,000	12,000
Long Term Contract		
Payments		13,535
Total Other Expense	178,348	203,272
<u>Capital Plant Construction</u>	61,464	57,045
Total Water Utility Fund Budget	402,355	424,295

1953 WORK PROGRAM - WATER UTILITY

Source of Supply

This functional classification covers the operation of the intake works and the 8.3 miles of water supply main. Included is an amount of \$12,000 for payment to the military as a part of the operating expense of the intake works and 1/3 of the salaries for two men.

Pumping Expense

This expense includes operation and maintenance of the two pumping plants and includes 1/3 of the salaries for two men. One plant is temporarily supplying to Government Hill area, but it is contemplated that this plant will be used only for approximately six months, then both plants will be on a standby basis.

Purification Expense

This includes all operating expenses in connection with the chlorination and fluoridation of the water supply. Included is 1/3 of the salaries for two men.

Transmission and Distribution encompasses the operation, maintenance and repair of the water system exclusive of supply which included 23 miles of water main in 1951, 37.6 miles of water main in 1952, and will include

an estimated 55.7 miles in 1953. Included in the work will be the maintenance of 202 fire hydrants, which will be inspected a minimum of twice during the year. In the high value area, fire hydrants are checked daily during the period when there is a possibility of the hydrant being frozen. Preventative thawing is practiced by use of portable boilers. All valves will be inspected twice during the year to assure their being in good operating condition.

General Expense

Accounting and collection includes the services of the Comptroller's Office and the Clerk's Office as well as a portion of the time of one man for investigating and setting rates. In June 1952 there were approximately 4700 customers. It is estimated that by the end of 1952 there will be approximately 5600 customers; and by the end of 1953 approximately 6400 customers. Other general expense includes a part of the costs of the Public Works Office, engineering charges, timekeeping charge, office rental, Social Security and Workmens' Compensation. Stores expense is a pro rate share of the warehouse cost. Transportation expense covers the maintenance and operational cost of water department equipment.

Other Expenses

Depreciation is charged off as an expense, and is placed in the revenue to be used in purchasing new plant improvements. Repayment to the General Fund represents the difference between the estimated revenues and expenses. The General Fund budget showed a contribution of \$49,983 in 1952. Payments in lieu of taxes represent property taxes that would be paid, should the water utility be privately owned. Interest on long term debt and bond retirement on the 1949 bond issue for the gravity water line are included. Long term contract payments represent payments due the A. P. W. Bond Redemption Reserve.

Annual leave covers the annual leave expense for the water portion of the Public Works Department.

Capital

1. Two-way radio equipment - \$2,600. The request is for one base station transmitter and receiver and four mobile units for installation in water vehicles. The same units will be used in connection with other work of the department. The use of radio communication will increase operating efficiency and will be of material assistance in the event of emergency.

2. Automatic Warning System - \$2,000. The warning system will signal an operational deficiency at our chlorinating station and pressure reducing stations.

3. Remodel Water Towers - \$15,000. The remodeling of the water towers will permit their use as a part of the water system during winter months. \$7,000

4. Water Connections - \$5,000. It is contemplated that a flat connection charge will be established for water connections, and that all time and material will be charged to this work order (see Water Revenue explanation).

5. Small Tools - \$500. These tools should be reflected as part of plant capital.

✓ 6. Install Water Main 11th Ave., "A" to "D" Streets \$8,000 \$8,000

✓ 7. Install Water Main Block 36 A and Block 36 D, South Addition - \$5,000. \$5,000

✓ 8. Install Water Main Block 28, South Addition \$6,000. \$6,000

Items 6, 7, 8 are for new water main installation. In addition to these installations, it is contemplated that approximately \$60,000 will be available from A. P. W. for main installation. Those funds were left over from a project which was contracted in 1952. It is contemplated that these funds would provide for the installation of a main on 2nd Ave. from A to E Streets and on 12th Avenue from I to P, as well as other miscellaneous lines.

9. Four-Wheel Drive Panel Truck - \$2,600. The four-wheel drive truck is primarily for use by the operators in maintaining the Intake Water Supply Main. During periods of poor weather and unfavorable ground conditions for vehicular use, the two-wheel drive unit now used is unsatisfactory. The proposed new unit would also release the present pick-up truck for use by the Superintendent.

10. Fluoridation Installation - \$4,000. The fluoridation installation was not completed in 1952. Therefore, it has been requested that it be reappropriated in this 1953 budget.

11. Pressure Reducing Valve Installation - \$6,170. This installation was included in the 1952 budget, but not installed. Therefore, it is included in the 1953 budget request.

12. Portable Chlorinator - \$175. This is a reappropriation for a 1952 budget item which was not obtained during the year.