WATER QUALITY IMPROVEMENT PROGRAM

MUNICIPALITY OF ANCHORAGE WATER QUALITY IMPROVEMENTS CAPITAL PROGRAM Department: Health and Human Services

Department Goal:

Building on staffing and monitoring work initiated in 1985 and 1986 the Department of Health and Human Services will use capital resources of 1987 and beyond to expand water quality preservation and improvement measures. The purposes are to assure clean stream and lake water for recreational use and aquatic life, and safeguard the drinking water aquifers from contamination by pollutants in the shallow ground water table. Three of the projects started in 1986 are designed for the on-going collection and analysis of extensive and community-wide data regarding the quality of surface and shallow ground water. The selection of preventative and corrective capital projects for 1987 and ensuing years will be based on this data.

1987 CAPITAL IMPROVEMENT BUDGET

| Department Health and Human Services | Project Category Improvement | Projects | | | Fund Code 0401 |
|---|-----------------------------------|--------------------|----------------------|--------------|-------------------|
| | 1987 PROJECT COST S-State 0-Other | | COSTS | DE DOLLARS | |
| PROJECT TITLE AND DESCRIPTION | | ESTIMATED START | ESTIMATED COMPLETION | O&M COST | COMMUNITY COUNCIL |
| | F-Federal B-Bonds | DATE | DATE | DEBT SERVICE | VVIII/0/1212 |
| Correction of Point Source Pollution - Consists of systematic investigation of selected subdivisions which are next to streams and/or lakes. The purpose is to determine if the on-site septic systems in these subdivisions are contaminating the shallow ground water and, in turn, the nearby lakes and/or streams. The project calls for installation of permanent creek monitoring stations and test wells. Study will be ongoing and long term. | B-260 | 3/87 | 12/87 | 0.0 27.5 | Areawide (All) |
| Water Quality Monitoring Systems - Extend and expand the current water quality monitoring activities so as to establish a comprehensive and municipal-wide baseline ground and surface water monitoring program. This will allow study of current conditions and the establishment of a data base for assessing future developmental impacts. | | 3/87 | 12/87 | 0.0 71.8 | Areawide (All) |
| TOTALS | | | | | |

1987 CAPITAL IMPROVEMENT BUDGET

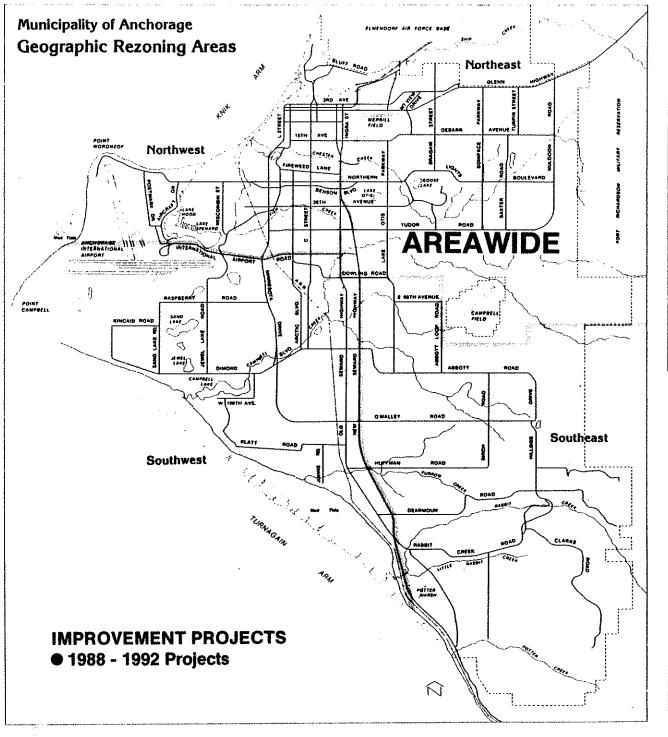
| Department Health and Human Services | Project Category Improvement | Projects | | Fund Code 0401 | |
|--|---|----------------------------|---------------------------------|-------------------|-------------------|
| PROJECT TITLE AND DESCRIPTION | 1987 PROJECT COST S-State 0-Other F-Federal B-Bonds | | COSTS | OF DOLLARS | |
| | | ESTIMATED START DATE | ESTIMATED COMPLETION DATE | O&M COST | COMMUNITY COUNCIL |
| | | | | DEBT SERVICE | COMMONITY COORCIN |
| Hazardous Waste Program - The capital costs for construction of a hazardous waste collection center at the new landfill site and a household hazardous waste drop off station at the existing shredder facility as recommended in the Hazardous Waste Management Plan are included in the Solid Waste Utility's capital budget. The operation and maintenance costs included here will expand the current testing of streams, groundwater and sediments to include toxic pollutants. Waste sites will also be investigated to identify potential hazardous pollutants. | 0-0 | N/A | N/A . | 183.8 | |
| TOTALS | 1 - | -0 -940 | | 183.8 99.3 | |

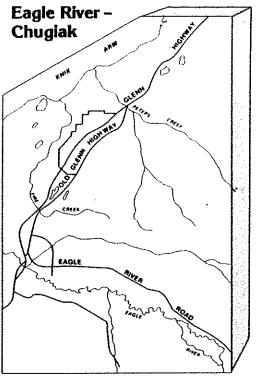
1987 - 1992 CAPITAL IMPROVEMENT PROGRAM

| Department ' | Project Category | | | | Fund Cod | Fund Code | | |
|--|----------------------|-------|-------|-------|----------|--|--|--|
| Health and Human Services | Improvement Projects | | | | 0401 | 0401 S-State 0-Other F-Federal B-Bonds | | |
| PROJECT TITLE AND DESCRIPTION | | | | | | | | |
| | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | | |
| Correction of Point Source Pollution — Consists of systematic investigation of selected subdivisions which are next to streams and/or lakes. The purpose is to determine if the on-site septic systems in these subdivisions are contaminating the shallow ground water and, in turn, the nearby lakes and/or streams. The project calls for installation of permanent creek monitoring stations and test wells. Study will be ongoing and long term. Water Quality Monitoring Systems — Extend and expand the current water quality monitoring activities so as to establish a comprehensive and municipal—wide baseline ground and surface water monitoring program. This will allow study of current conditions and the establishment of a data base for assessing future developmental impacts. | B-260 | B-600 | B-600 | B-600 | B-600 | B-600 | | |
| | | | | | | | | |
| TOTALS | | | | | | | | |

1987 - 1992 CAPITAL IMPROVEMENT PROGRAM

| Department Health and Human Services | Project Categ Improvem | Fund Code 0401 | | | | |
|--|---------------------------|-------------------|--------------------------------------|------|------|------|
| PROJECT TITLE AND DESCRIPTION | | | S-State O-Other F-Federel B-Bonds | | | |
| | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 |
| Hazardous Waste Program - The capital costs for construction of a hazardous waste collection center at the new landfill site and a household hazardous waste drop off station at the existing shredder facility as recommended in the Hazardous Waste Management Plan are included in the Solid Waste Utility's capital budget. The operation and maintenance costs included here will expand the current testing of streams, groundwater and sediments to include toxic pollutants. Waste sites will also be investigated to identify potential hazardous pollutants. | 0-0 | | | | | |
| | | | | | | |
| | | | Park Marine de Park | | | |
| TOTALS | S-0 F-0 | 0-0 B-3,940 | | | | |





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