

**ALASKA LEGISLATURE**

**2054**

**HOUSE and SENATE FINANCE COMMITTEE FILES, 1999 - 2000**

**SB**

**31**

SFIN

FILE

SB 31

was referred to the  
Senate Finance  
Committee

Hearing(s) were held

The bill did not move  
from Committee

**CRITERIA SYSTEM  
ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
CAPITAL BUDGET  
SFY 2000**

**VILLAGE SAFE WATER PROGRAM**

**I. Problem Addressed**

**A. Public Health**

- |    |   |     |
|----|---|-----|
| 1. | An existing human disease event exists (documented by a recognized public health organization and reviewed by ADEC). Construction of the requested capital project <u>will correct</u> the <u>existing</u> problem. | 300 |
| 2. | Current conditions are sufficiently severe that a disease event could occur but it has not been reported.   | 200 |
| 3. | Conditions are not probable for a disease event to take place. The capital project is required to prevent or minimize the possibility of future public health problems.   | 100 |

**B. Environmental**

- |    |   |     |
|----|---|-----|
| 1. | A documented pollution event has taken place and construction of this facility will correct the existing problem.   | 200 |
| 2. | Current conditions are sufficiently severe that a pollution event could occur but it has not been reported.   | 100 |
| 3. | Conditions are not probable for a pollution event to take place. The capital project is required to prevent or minimize the possibility of future pollution events. | 50  |

**II. Project Development Status**

- |    |  |     |
|----|--|-----|
| A. | Engineering plans and specifications have been prepared.   | 100 |
| B. | Feasibility study or facility plan has been prepared.  | 50  |
| C. | Comprehensive study or master plan has been prepared which compares the need for the project with other community needs. | 25  |
| D. | No documentation has been prepared.  | 0   |

SFC Secretary  
26 Jan 1999

## Governor Knowles' Proposed FY2000 Capital Budget

The full list of capital projects proposed by the governor and the capital budget bill are available on the OMB web site:  
[www.gov.state.ak.us/omb/akomb.htm](http://www.gov.state.ak.us/omb/akomb.htm)

The Governor's \$921 million capital plan for FY2000 focuses on economic development, transportation, public safety, education, and health. It includes \$641 million in federal funds, a \$55 million increase over FY1999. General funds are \$81.5 million, which is \$3.9 million less than the current year. AHFC's share of the budget remains at \$52 million. AIDEA's FY2000 dividend of \$18.8 million is appropriated to the community capital matching grants program and to economic development projects such as matching federal funds for harbor improvements.

### School Construction and Major Maintenance

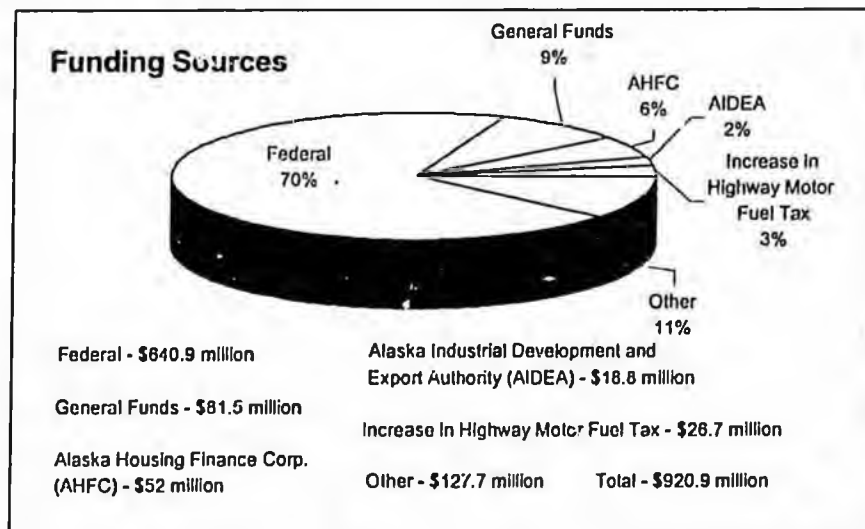
The capital bill does not include K-12 school projects because \$60 million will be proposed in a bond bill to fund all major maintenance projects and construction of the #1 school on the statewide priority list, which was passed over in last year's AHFC bond package.

### Federal Highway Funds

Alaska's good fortune in getting significantly higher federal funding for highways can be secured only if the required state matching funds are raised. The Governor's plan includes a moderate increase in the highway motor fuel tax to provide these matching funds. Even with the increase, Alaska's tax rate (which has remained 8 cents since 1961) would still be lower than in 45 of the other states.

### Municipal and Village Water/Sewer Projects and Community Capital Matching Grants

The complete lists of community projects to be funded through these programs are in the Governor's capital budget bill and on the OMB web site (address above).



# CORRECTION

THE FOLLOWING DOCUMENT(S)  
HAVE BEEN REFILMED TO  
ASSURE LEGIBILITY OR PAGINATION



Rev. 6/98

Central Microfilm Services  
Department of Education & Early Development  
State of Alaska

**CRITERIA SYSTEM  
ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
CAPITAL BUDGET  
SFY 2000**

**VILLAGE SAFE WATER PROGRAM**

**I. Problem Addressed**

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**B. Environmental**

- |    |   |     |
|----|---|-----|
| 1. | A documented pollution event has taken place and construction of this facility will correct the existing problem.   | 200 |
| 2. | Current conditions are sufficiently severe that a pollution event could occur but it has not been reported.   | 100 |
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**II. Project Development Status**

- |    |  |     |
|----|--|-----|
| A. | Engineering plans and specifications have been prepared.   | 100 |
| B. | Feasibility study or facility plan has been prepared.  | 50  |
| C. | Comprehensive study or master plan has been prepared which compares the need for the project with other community needs. | 25  |
| D. | No documentation has been prepared.  | 0   |

<b>III.</b>	<b>Other Funds</b>	
A.	Confirmed federal funding available to match or complete project.	100
<b>IV.</b>	<b>Operation and Maintenance Capabilities</b>	
A.	Trained operator or utility manager employed: Name and training. and/or	75
B.	1. State certified <u>primary</u> operator employed: Name and certification number.	150
	2. State certified <u>backup</u> operator employed: Name and certification number.	100
C.	Rules, Fee Schedules or User fee ordinance adopted: Copy submitted.	50
D.	O&M costs and funding identified.	50
E.	Compliance with State Drinking Water program turbidity and bacti sample submittal requirements for at least 9 of 12 months.	75
<b>V.</b>	<b>Relationship to Other Project Phases</b>	
A.	This project is needed to make the initial project phase functional.	150
B.	This project is needed to promote economic development and local employment opportunities. <u>Specific</u> economic development potential must be identified or explanation of how project fits into long range utility plan.	100
C.	Project construction coordinated with other projects and funding sources to promote cost efficiencies. Projects/funding such as ISTEAA and AEA should be identified.	50
D.	Village and school facility consolidation.	150
<b>VI.</b>	<b>Resolution signed by council quorum submitted identifying project as the number one community priority.</b>	50

SFC Secretary  
26 Jan 1999

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### School Construction and Major Maintenance

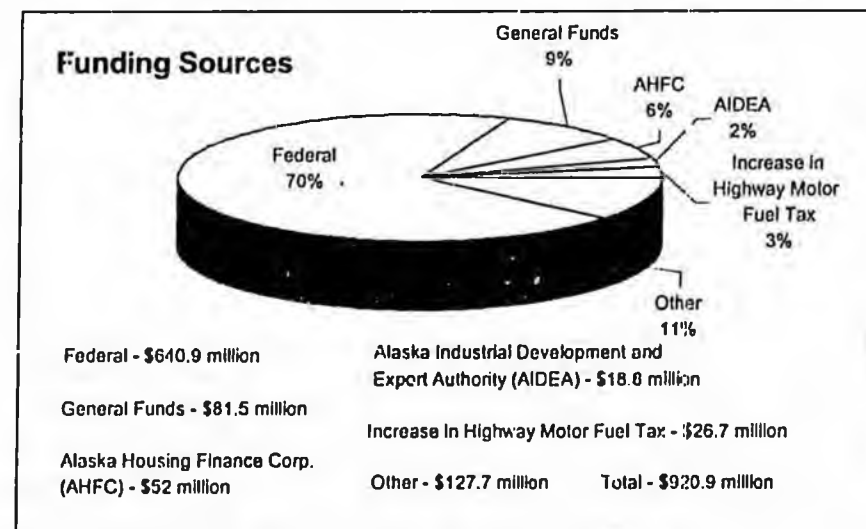
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### Municipal and Village Water/Sewer Projects and Community Capital Matching Grants

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**Governor Knowles' FY2000 Capital Budget - December 15, 1998**  
**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Development</b>							
Comm & Reg Affairs	Alaska Native Heritage Center		500,000				500,000
Comm & Reg Affairs	Arctic Winter Games Team Alaska	75,000					75,000
Comm & Reg Affairs	Rural Development Assistance Grants		800,000				800,000
Comm & Reg Affairs	U.S. Forest Service Mini-Grants				200,000		200,000
Commerce	Economic Development Matching Grant Program		200,000				200,000
Commerce	EDA Annual Planning Grant		100,000				100,000
Commerce	Kodiak Launch Complex				7,000,000	5,000,000	12,000,000
Fish & Game	Anchorage Urban Fisheries Public Access Development				150,000		150,000
Fish & Game	Kachemak Bay Research Reserve Facilities and Operations	85,700			1,300,000		1,385,700
Fish & Game	Nearshore Fisheries Stock Assessment and Research				1,200,000		1,200,000
Fish & Game	Recreational Boat Sewage Pumpout Facility Development				500,000		500,000
Fish & Game	Southeast Region Vessel Facility	1,240,400				137,800	1,378,200
Fish & Game	Sport Fishing and Recreational Boating Public Access and Facility Development				2,025,000	675,000	2,700,000
Fish & Game	Statewide Facilities Deferred Maintenance	400,000					400,000
Fish & Game	Transient Boat Moorage Development				500,000		500,000
Fish & Game	Upper Cook Inlet Salmon Research	250,000			250,000		500,000
Health & Soc Svcs	Anchorage Public Assistance "One Stop" Job Center Office Re-Configuration	42,800			238,600		281,400
Natural Resources	Abandoned Mine Lands Reclamation Federal Program				1,500,000		1,500,000
Natural Resources	Agricultural Land Disposals					250,000	250,000
Natural Resources	Airborne Geophysical and Geophysical Mineral Inventory	250,000					250,000

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**

**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Development</b>							
Natural Resources	Cooperative Forestry Pass-Through Federal Grants				500,000		500,000
Natural Resources	Land Status Geographic Information Systems	300,000					300,000
Natural Resources	Mental Health Trust Office Land Management and Enhancement					660,000	660,000
Natural Resources	Mt. McKinley Meat Plant Processing Facility Wall Repair					200,000	200,000
Natural Resources	National Historic Preservation Fund and Federal Grants				640,000		640,000
Natural Resources	National Recreational Trails Federal Program				650,000		650,000
Natural Resources	Oil and Gas Royalty Accounting System, Phases II and III	150,000					150,000
Natural Resources	Recorder's Office Equipment and Completion of Aperture Card Filming	250,000					250,000
Natural Resources	Snowmobile Trails Development	120,000					120,000
	<b>Development Subtotal</b>	<b>3,163,900</b>	<b>1,600,000</b>	<b>0</b>	<b>16,653,600</b>	<b>6,922,800</b>	<b>28,340,300</b>
<b>Education</b>							
Administration	Information Technology Literacy Project	175,000					175,000
Education	Alaska Commission on Postsecondary Education - Equipment Replacement					64,500	64,500
Education	AVTEC - Instructional Equipment Replacement	60,000					60,000
	<b>Education Subtotal</b>	<b>235,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>64,500</b>	<b>299,500</b>
<b>Health/Safety</b>							
Administration	Land Mobile Radio Conversion	615,000					615,000
Administration	License Plates and Drivers License Manuals	200,000					200,000
Comm & Reg Affairs	Bulk Fuel Storage Facility Upgrades					1,600,000	1,600,000
Comm & Reg Affairs	Electrical Emergencies					366,100	366,100
Comm & Reg Affairs	Flood Mitigation Assistance Grants				350,000		350,000

# Governor Knowles' FY2000 Capital Budget - December 15, 1998

## All Projects in the Capital and Mental Health Bills

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Health/Safety</b>							
Comm & Reg Affairs	Head Start Health and Safety Repairs	200,000					200,000
Education	BIA School Sites Cleanup Planning	20,000					20,000
Education	Library - Repair Archives Building Foundation	90,000					90,000
Environ Conserv	Fine Particulate Monitoring				494,500		494,500
Environ Conserv	Kodiak Island Borough Waste Management Implementation					743,000	743,000
Environ Conserv	Municipal Water, Sewer and Solid Waste Matching Grants Projects	8,364,900		5,296,400	4,502,900		18,164,200
Environ Conserv	National Pollutant Discharge Elimination System Assumption	125,000					125,000
Environ Conserv	Statewide Contaminated Cleanup					5,000,000	5,000,000
Environ Conserv	Upgrade of State-Owned Aboveground Storage Tanks					1,200,000	1,200,000
Environ Conserv	Upgrade, Closure or Replacement of Private Underground Storage Tanks					5,000,000	5,000,000
Environ Conserv	Upgrade, Closure or Replacement of State-Owned Underground Storage Tanks					2,500,000	2,500,000
Environ Conserv	Village Safe Water Feasibility Studies			1,382,685	2,765,364		4,148,049
Environ Conserv	Village Safe Water Project Administration			1,847,000	234,700		2,081,700
Environ Conserv	Village Safe Water Projects that Match Federal RDA Funds	1,930,010		4,714,915			6,644,925
Environ Conserv	Village Safe Water Projects with EPA Funding	10,365,868			20,731,732		31,097,600
Fish & Game	Dock Repair, Maintenance and Replacement	375,000					375,000
Fish & Game	Vessel and Aircraft Maintenance and Repair	200,000					200,000
Governor	Americans with Disabilities Act Compliance Projects	500,000					500,000
Health & Soc Svcs	API 2000 - Facility Replacement				7,000,000	2,000,000	9,000,000
Health & Soc Svcs	API Stop - Gap Repairs	225,000					225,000

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**

**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Health/Safety</b>							
Health & Soc Svcs	Deferred Maintenance, Renewal, Replacement and Equipment	750,000			100,000		850,000
Health & Soc Svcs	Family Services Field Safety, Office and Transportation Equipment	200,000					200,000
Health & Soc Svcs	Mental Health Trust Beneficiary Equipment	75,000				75,000	150,000
Health & Soc Svcs	Program Facilities Deferred Maintenance and Americans with Disabilities Act Upgrades	250,000				250,000	500,000
Health & Soc Svcs	Public Health Nursing Wide Area Network and Computer Upgrade	100,000					100,000
Health & Soc Svcs	State Medical Examiner Imaging Equipment	25,000					25,000
Labor	Worksite Chemical Exposure Analysis Equipment	24,600			24,600		49,200
Natural Resources	State Park Emergency Repairs	400,000					400,000
<b>Health/Safety Subtotal</b>		<b>25,035,378</b>	<b>0</b>	<b>13,241,000</b>	<b>36,203,796</b>	<b>15,134,100</b>	<b>93,214,274</b>
<b>Housing</b>							
Administration	Pioneers' Homes Health and Safety Repairs	500,000					500,000
Education	Home Modifications for Individuals with Disabilities	100,000					100,000
Health & Soc Svcs	Housing Modifications for People with Special Needs	150,000		250,000			400,000
Revenue	AHFC Beneficiary and Special Needs Housing			1,700,000			1,700,000
Revenue	AHFC Builder and Rater Education Program			300,000			300,000
Revenue	AHFC Central Terrace/Fairmount, Phase III			724,000			724,000
Revenue	AHFC Competitive Grants for Public Housing			250,000	750,000		1,000,000
Revenue	AHFC Energy Efficiency Monitoring Research			350,000			350,000
Revenue	AHFC Federal and Other Competitive Grants			1,250,000	1,500,000		2,750,000
Revenue	AHFC Homeless Assistance Program			250,000		200,000	450,000
Revenue	AHFC Housing and Urban Development Comprehensive Grant Program				2,800,000		2,800,000

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**  
**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Housing</b>							
Revenue	AHFC Housing and Urban Development Federal HOME Grant			750,000	3,000,000		3,750,000
Revenue	AHFC Low Income Weatherization			4,000,000	1,400,000		5,400,000
Revenue	AHFC Mountain View Senior Units, Phase II			3,917,000			3,917,000
Revenue	AHFC Parkview Manor Renovation, Phase II			3,000,000			3,000,000
Revenue	AHFC Public Housing Environmental Cleanup and Abatement			303,000			303,000
Revenue	AHFC Riverbend Multi-Purpose Building			500,000			500,000
Revenue	AHFC Senior and Statewide Deferred Maintenance and Renovation			3,500,000	500,000		4,000,000
Revenue	AHFC Senior Citizens Housing Development Program			4,000,000			4,000,000
Revenue	AHFC Southall Manor Renovation			4,715,000			4,715,000
Revenue	AHFC Supplemental Housing Development Program			9,000,000			9,000,000
	<b>Housing Subtotal</b>	<b>750,000</b>	<b>0</b>	<b>38,759,000</b>	<b>9,950,000</b>	<b>200,000</b>	<b>49,659,000</b>
<b>Justice</b>							
Administration	Public Defender Criminal Justice Information Integration Project	400,000					400,000
Administration	Bethel Courthouse Transfer	250,000					250,000
Administration	Criminal Justice Integration Projects Analysis	200,000					200,000
Corrections	Equipment Replacement	250,000					250,000
Corrections	Maintenance, Renovation, Repair, Renewal and Replacement	900,000					900,000
Corrections	Criminal Justice Information System (OBSCIS) Replacement				1,000,000		1,000,000
Corrections	Data Technical Support				300,000		300,000
Health & Soc Svcs	Fairbanks Youth Facility Fire Alarm Replacement	336,000					336,000
Health & Soc Svcs	Juvenile Offender Management Information System				1,500,000		1,500,000

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**

**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Justice</b>							
Mil & Vet Affairs	Air Guard Facility Maintenance	250,000			750,000		1,000,000
Mil & Vet Affairs	Army Guard Facilities Planning and Construction				1,500,000		1,500,000
Mil & Vet Affairs	Army Guard Facility Deferred Maintenance and Scheduled Renovation and Replacement	250,000			1,100,000		1,350,000
Mil & Vet Affairs	Federal Scout Armories				1,421,900		1,421,900
Public Safety	Aircraft and Vessel Repair and Maintenance	1,000,000					1,000,000
Public Safety	Alaska Public Safety Information Network - Upgrade	139,000			1,250,000		1,389,000
Public Safety	Blood Alcohol Test Equipment	50,000					50,000
Public Safety	Breath Alcohol Equipment Replacement	41,850				97,650	139,500
Public Safety	Fish and Wildlife Protection - Enforcement Replacement Vessels	537,500					537,500
Public Safety	Fish and Wildlife Protection - Statewide Equipment	250,000					250,000
Public Safety	Trooper Law Enforcement Equipment	350,000					350,000
	<b>Justice Subtotal</b>	<b>5,204,350</b>	<b>0</b>	<b>0</b>	<b>8,821,900</b>	<b>97,650</b>	<b>14,123,900</b>
<b>Public Support Technology/Service</b>							
Administration	Bandwidth Increase	500,000					500,000
Administration	Information Service Fund Equipment Replacement					3,500,000	3,500,000
Administration	Satellite Interconnection Project Equipment Replacement and Repair	150,000					150,000
Education	*Library - Statewide Library Electronic Doorway [SLED]	100,000					100,000
Governor	AccuVote System	310,900					310,900
Labor	Equipment Replacement				455,600		455,600
Labor	Unemployment Insurance Tax System Redesign				2,600,000		2,600,000
Revenue	Child Support Distribution and Disbursement System	340,000			1,360,000		1,700,000

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**

**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>Public Support Technology/Service</b>							
Revenue	Child Support Personal Computer Replacement	23,800			46,200		70,000
Revenue	Permanent Fund Management Information System Consolidated Reporting and Data Warehouse					535,000	535,000
Revenue	Permanent Fund Power and Environmental Systems Replacement and Upgrade					355,000	355,000
<b>Public Support Technology/Service Subtotal</b>		<b>1,424,700</b>	<b>0</b>	<b>0</b>	<b>4,461,800</b>	<b>4,390,000</b>	<b>10,276,500</b>
<b>Transportation</b>							
Transportation	Airport Deferred Maintenance	900,000					900,000
Transportation	Alaska Marine Highway System Overhaul, Rehabilitation, and Mandatory Training	4,390,600					4,390,600
Transportation	Aviation and Surface Transportation Program	28,900,000			554,367,888	73,344,000	656,611,888
Transportation	Coordinated Transportation and Vehicles	150,000				150,000	300,000
Transportation	Corps of Engineers Program	4,181,100	2,200,000				6,381,100
Transportation	Emergency and Non-Routine Repairs	1,000,000					1,000,000
Transportation	Facilities Deferred Maintenance and Critical Repairs	1,028,000					1,028,000
Transportation	Harbor Deferred Maintenance	1,000,000					1,000,000
Transportation	Highway Deferred Maintenance	1,000,000					1,000,000
Transportation	Relocate and Consolidate Marine Highway System Operations					1,500,000	1,500,000
Transportation	Statewide Programs	150,000			10,400,000	22,300,000	32,850,000
<b>Transportation Subtotal</b>		<b>42,699,700</b>	<b>2,200,000</b>	<b>0</b>	<b>564,767,888</b>	<b>97,294,000</b>	<b>706,961,588</b>

**Governor Knowles' FY2000 Capital Budget - December 15, 1998**  
**All Projects in the Capital and Mental Health Bills**

Agency	Project Title	General Funds	AIDEA Rcpt	AHFC Rcpts	Federal Funds	Other Funds	Total Funds
<b>University</b>							
University	UAF-Tanana Valley College/ Hutchison Career Center Renovation	3,000,000					3,000,000
	<b>University Subtotal</b>	<b>3,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,000,000</b>
	<b>TOTAL STATE AGENCIES</b>	<b>81,513,028</b>	<b>3,800,000</b>	<b>52,000,000</b>	<b>640,858,984</b>	<b>127,703,050</b>	<b>905,875,062</b>
	<b>CAPITAL MATCHING GRANTS PROGRAMS</b>	<b>0</b>	<b>15,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>15,000,000</b>
	<b>TOTAL EXECUTIVE BRANCH</b>	<b>81,513,028</b>	<b>18,800,000</b>	<b>52,000,000</b>	<b>640,858,984</b>	<b>127,703,050</b>	<b>920,875,062</b>
	ALASKA COURT SYSTEM	4,700,000					



Official Business

# Alaska State Senate

## Senate Finance Committee

Mail Stop 3100  
State Capitol  
Juneau, Alaska 99801-1182

### A G E N D A

TUESDAY, 26 January 1999

9:00 A.M.

**SB 28 INCREASE IN PROGRAM RECEIPTS**

**SB 31 CAPITAL BUDGET OVERVIEWS**

**32**

**OFFICE OF MANAGEMENT AND BUDGET**

**Annalee McConnell, Director**

**WATER AND SANITATION CAPITAL PROJECTS  
DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**Dan Easton, Director**

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# Capital Budget Overview

**Alaska Department of Environmental Conservation  
Division of Facility Construction and Operation**

## **Fiscal Year 2000 Governor's Proposed Capital Budget**

**Senate Finance Committee  
January 26, 1999**

DEC FCO FY 2000 Capital Budget Overview

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# Mission and means

## **Mission:**

Develop safe water, sewerage and solid waste systems in large and small communities throughout the state.

## **Means:**

Provide loans, grants and assistance to communities to construct water, sewer and solid waste projects.

Develop training programs for and certify the operators of those systems.

Provide over-the-shoulder assistance to water and sewerage system operators in 150 communities.

# Grant/Loan Process

- ① Communities complete applications for grant/loan funds (see FY2000 Grant Requests).
- ② Applications are ranked primarily on the basis of
  - health needs and
  - community's ability to operate and maintain the facilities.
- ③ Priority lists are generated and projects identified for funding (see FY 2000 Priority Lists).
- ④ Funds are committed to communities in grant/loan agreements.
- ⑤ A DEC engineer is assigned to the project.
- ⑥ Funds are disbursed to communities as progress payments.
- ⑦ Upon completion, facility operation and maintenance becomes local responsibility.

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# Public vs. private roles

Grant and loan programs are designed to make full use of the private sector:

## **Private Companies**

- Feasibility studies
- System designs
- Construction management
- Accounting and bookkeeping
- Construction
- Training

## **Facility Construction and Operation**

- Manage state and federal funds
- Community and operator assistance

# Total Capital Budget Summary

Appropriation	FY 1999			FY 2000			Change		
	State	Federal	Total	State	Federal	Total	State	Federal	Total
Clean Water Loan Fund	\$2,359.7	\$11,798.4	\$14,158.1	\$1,608.3	\$8,041.2	\$9,649.5	-\$751.4	-\$3,757.2	-\$4,508.6
Drinking Water Loan Fund	\$1,468.1	\$7,340.3	\$8,808.4	\$1,492.8	\$7,463.8	\$8,956.6	\$24.7	\$123.5	\$148.2
VSW Project Administration	\$1,441.0	\$0.0	\$1,441.0	\$1,847.0	\$234.7	\$2,081.7	\$406.0	\$234.7	\$640.7
VSW Studies	\$902.7	\$902.7	\$1,805.4	\$1,382.7	\$2,765.4	\$4,148.1	\$480.0	\$1,862.7	\$2,342.7
VSW/EPA Match Projects	\$10,940.6	\$10,940.6	\$21,881.2	\$10,365.9	\$20,731.7	\$31,097.6	-\$574.7	\$9,791.1	\$9,216.4
VSW/USDA-RD Match Projects	\$10,000.0	(see note)	\$10,000.0	\$6,644.9	(see note)	\$6,644.9	-\$3,355.1	(see note)	-\$3,355.1
VSW/No Match Projects	\$865.0	\$0.0	\$865.0	\$0.0	\$0.0	\$0.0	-\$865.0	\$0.0	-\$865.0
Municipal Water/Sewer Matchin	\$15,633.6	\$2,117.2	\$17,750.8	\$13,661.3	\$4,502.9	\$18,164.2	-\$1,972.3	\$2,385.7	\$413.4
<b>Total</b>	<b>\$43,610.7</b>	<b>\$33,099.2</b>	<b>\$76,709.9</b>	<b>\$37,002.9</b>	<b>\$43,739.7</b>	<b>\$80,742.6</b>	<b>-\$6,607.8</b>	<b>\$10,640.5</b>	<b>\$4,032.7</b>

Note: Authority to receive and expend USDA-RD funding is not requested in the capital budget.

However, the state match requested is required to secure the USDA-RD funding.

In FY99 a federal grant of \$10 million was matched with a state appropriation of \$10 million.

The FY00 request calls for a federal grant of \$19.9 million matched with a state appropriation of \$6.6 million.

Overall request of \$80.7 million represents:

- a decrease of \$6.6 million in state funds over FY99 appropriations
- an increase of \$10.6 million in EPA grant funds
- an increase of \$10.0 million in USDA-RD grant funds direct to communities (and not included in the capital budget)

# Loan Program Appropriations

Appropriation	FY 1999			FY 2000			Change		
	State	Federal	Total	State	Federal	Total	State	Federal	Total
Clean Water Loan Fund	\$2,359.7	\$11,798.4	\$14,158.1	\$1,608.3	\$8,041.2	\$9,649.5	-\$751.4	-\$3,757.2	-\$4,508.6
Drinking Water Loan Fund	\$1,463.1	\$7,340.3	\$8,808.4	\$1,492.8	\$7,463.8	\$8,956.6	\$24.7	\$123.5	\$148.2
<b>Total</b>	<b>\$3,827.8</b>	<b>\$19,138.7</b>	<b>\$22,966.5</b>	<b>\$3,101.1</b>	<b>\$15,505.0</b>	<b>\$18,606.1</b>	<b>-\$726.7</b>	<b>-\$3,633.7</b>	<b>-\$4,360.4</b>

## These two appropriations will . . .

- A state investment of \$1.6 million will secure federal grants of \$8.0 million making \$9.6 million in low interest loans available to communities for wastewater projects.
- A state investment of \$1.5 million will secure federal grants of \$7.5 million making \$9.0 million in low interest loans available to communities for drinking water projects.

## Compared to FY99 . . .

- ↓ Overall request is \$4.3 million less
- ↓ State contribution is \$700 thousand less
- ↓ Federal contribution is \$3.6 million less

# Village Safe Water Appropriations

Appropriation	FY 1999			FY 2000			Change		
	State	Federal	Total	State	Federal	Total	State	Federal	Total
VSW Admin	\$1,441.0	\$0.0	\$1,441.0	\$1,847.0	\$234.7	\$2,081.7	\$406.0	\$234.7	\$640.7
VSW Studies	\$902.7	\$902.7	\$1,805.4	\$1,382.7	\$2,765.4	\$4,148.1	\$480.0	\$1,862.7	\$2,342.7
VSW/EPA Match Projects	\$10,940.6	\$10,940.6	\$21,881.2	\$10,365.9	\$20,731.7	\$31,097.6	-\$574.7	\$9,791.1	\$9,216.4
VSW/USDA-RD Match Projects	\$10,000.0	(see note)	\$10,000.0	\$6,644.9	(see note)	\$6,644.9	-\$3,355.1	(see note)	-\$3,355.1
VSW/No Match Projects	\$865.0	\$0.0	\$865.0	\$0.0	\$0.0	\$0.0	-\$865.0	\$0.0	-\$865.0
<b>Total</b>	<b>\$24,149.3</b>	<b>\$11,843.3</b>	<b>\$35,992.6</b>	<b>\$20,240.5</b>	<b>\$23,731.8</b>	<b>\$43,972.3</b>	<b>-\$3,908.8</b>	<b>\$11,888.5</b>	<b>\$7,979.7</b>

Note: Authority to receive and expend USDA-RD funding is not requested in the capital budget.

However, the state match requested is required to secure the USDA-RD funding.

In FY99 a federal grant of \$10 million was matched with a state appropriation of \$10 million.

The FY00 request calls for a federal grant of \$19.9 million matched with a state appropriation of \$6.6 million.

## These four appropriations will . . .

- A state investment of \$18 million will secure \$43 million in federal grants providing a total of \$61 million (including \$20 million in USDA-RD grant funds direct to communities) in grants to smaller communities for 72 water, sewerage and solid waste studies and projects (see priority list).
- Provide \$2 million to the DEC operating budget to administer the projects.

## Compared to FY99 . . .

- ↑ Overall request is \$8 million more
- ↓ State contribution is \$4 million less
- ↑ Federal contribution is \$12 million more

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# Municipal Water, Sewer and Solid Waste Matching Grant Appropriations

Appropriation	FY 1999			FY 2000			Change		
	State	Federal	Total	State	Federal	Total	State	Federal	Total
Municipal Water, Sewer and Solid Waste Matching Grants	\$15,633.6	\$2,117.2	\$17,750.8	\$13,661.3	\$4,502.9	\$18,164.2	-\$1,972.3	\$2,385.7	\$413.4
<b>Total</b>	<b>\$15,633.6</b>	<b>\$2,117.2</b>	<b>\$17,750.8</b>	<b>\$13,661.3</b>	<b>\$4,502.9</b>	<b>\$18,164.2</b>	<b>-\$1,972.3</b>	<b>\$2,385.7</b>	<b>\$413.4</b>

**This appropriation will . . .**

Provide \$18.2 million (\$4.5 million federal and \$13.7 million in state funding) in matching grants to larger communities for 26 water, sewerage and solid waste projects (see priority list)

**Compared to FY99 . . .**

- ↑ Overall request is \$400 thousand more
- ↓ State contribution is \$2 million less
- ↑ Federal contribution is \$2.4 million more



# Operating Budget Items

Appropriation Item	Capital Budget			Operating Budget		
	State	Federal	Total	State	Federal	Total
Clean Water Fund	\$1,608.3	\$8,041.2	\$9,649.5	\$75.9	\$379.4	\$455.3
Drinking Water Fund	\$1,492.8	\$7,463.8	\$8,956.6	\$86.4	\$432.0	\$518.4
VSW Admin	\$1,847.0	\$234.7	\$2,081.7	\$1,847.0	\$234.7	\$2,081.7
VSW Studies	\$1,382.7	\$2,765.4	\$4,148.1	\$0.0	\$0.0	\$0.0
VSW/EPA Match Projects	\$10,365.9	\$20,731.7	\$31,097.6	\$0.0	\$0.0	\$0.0
VSW/USDA-RD Match Projects	\$6,644.9	(see note)	\$6,644.9	\$0.0	\$0.0	\$0.0
Municipal W/S/SW Matching Grants	\$13,561.3	\$4,502.9	\$18,164.2	\$0.0	\$0.0	\$0.0
<b>Total</b>	<b>\$37,002.9</b>	<b>\$43,739.7</b>	<b>\$80,742.6</b>	<b>\$2,009.3</b>	<b>\$1,046.1</b>	<b>\$3,055.4</b>

Note: Authority to receive and expend is not requested in the capital budget.  
 The state match requested is required to secure the USDA-RD funding.



**DAN EASTON, P.E.**

DIRECTOR

DIVISION OF FACILITY CONSTRUCTION & OPERATION

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SB 31  
SEN F.M.

# MUNICIPAL MATCHING GRANTS

## FY2000 Community Grant Requests

- Water
- Solid Waste
- Wastewater Treatment



Alaska Department of Environmental Conservation

Prepared by the Division of Facility Construction and Operation - January, 1999

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# MUNICIPAL MATCHING GRANTS

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## INTRODUCTION

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This report presents proposed capital projects to be funded through the ADEC Municipal Matching Grants Program in FY00. A total of 33 communities requested \$78.2 million worth of capital projects for FY00.

**33 communities requested \$78.2 million for water, sewer and solid waste improvements.**

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The community sanitation needs are organized alphabetically by community. A cross reference, by election district, is also provided. This booklet is not necessarily a comprehensive assessment of all sanitation needs statewide. It is a compendium of all projects from communities which have expressed an interest in participating in the FY00 matching grants program.

**Requests are organized alphabetically by community.**

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The list of projects this year can be broken down into five categories as shown below:

Type of Project	Number of Projects	Amount of Funding Requested
Drinking Water	17	\$13,068,800
Wastewater	26	20,259,600
Solid Waste	6	6,859,100
Water Quality	9	3,296,600
Combination	19	34,667,300
(Water and Wastewater)	77	\$78,151,400

Changing federal laws are continuing to exert a strong influence on the basic needs of communities in Alaska. Drinking water, sewage disposal and solid waste disposal utilities are preparing to meet stringent federal guidelines. At the same time, the lack of federal monies for these new mandates mean that Alaskans will have to provide the resources to satisfy these requirements. We can expect to see appropriation requests at the same level as those shown above, for the next several years, if communities are to meet the federal guidelines.

**Increasing federal regulations will cause appropriation requests to stay at the same level for several years.**

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# MUNICIPAL MATCHING GRANTS

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## GRANTS FOR WATER, SEWER AND SOLID WASTE PROJECTS

The Municipal Matching Grants program can provide grants for 50 to 85 percent of the costs for water, sewer, and solid waste improvements. Communities provide the balance of project costs.

- Grants may be used to pay for planning, engineering, construction, legal, administration and equipment costs. The purchase of land is eligible if it is an integral part of the treatment process. The grants are available only to incorporated municipalities. The program has funded over 717 projects in 63 communities since 1970.
- The percentage of local financial participation depends on the population of the community. Up to 85% of project costs can be granted for communities of less than 1,000 people. The grant amount can be 70% for municipalities with populations between 1,000 and 5,000. Over 5,000 and the grant is reduced to 50%.

**Program funds 50%  
to 85% of project costs  
depending on popula-  
tion.**

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# MUNICIPAL MATCHING GRANTS

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**ADVANTAGES OF PROGRAM:** Continued use of the Matching Grants Program provides several advantages to Alaska.

- 
- Local Participation
  - Technical Assistance
  - Accountability
  - Local Financial Planning
- 

**Local Participation.** Local funding participation strongly encourages community interest and better project management at the local level, with an expected lower total project cost than one fully funded by the state.

**Technical Assistance.** The ADEC engineering staff assists communities in the review of engineering plans, contracts, change orders and project permitting.

**Payment Schedule.** Project payments are made only as the project is constructed, minimizing the potential for State dollars to remain unavailable for other needs.

**Accountability.** The program is an advocate of strong accountability and has maintained this goal through project audits. Since 1976, over 463 projects have been reviewed or audited, resulting in the identification and resolution of issues involving over \$55.8 million in project expenditures.

**Local Financial Planning.** The program provides to local governments, incentives to implement local water and sewer master plans, to develop long range financial plans and to raise local revenue. The program encourages local governments to resolve their own sanitation problems, instead of expecting the state to provide all the project costs.

**Statewide Needs Identification.** The program provides an annual review and analysis of statewide water, sewer and solid waste needs.

# COMMUNITY PROJECTS

- WATER SUPPLY
- SOLID WASTE
- WASTEWATER TREATMENT



Alaska Department of Environmental Conservation  
Prepared by the Division of Facility Construction and Operation - January, 1999

**TABLE OF CONTENTS**  
**(Alphabetical)**

**Election**

<b>District</b>	<b>Community</b>	<b>Project Title</b>	<b>Page</b>
MOA	Anchorage	1998 Equipment	1
MOA	Anchorage	Business Partners for Anchorage Waterways	2
MOA	Anchorage	Campbell Creek Sedimentation Basin Expansion	3
MOA	Anchorage	Campbell Creek Storm Outfall Improvements	4
MOA	Anchorage	Kloep Station Water Quality Improvements	5
MCA	Anchorage	Lakes Habitat - Survey	6
MOA	Anchorage	Pet Owner Public Education	7
MOA	Anchorage	Road Impacts Study	8
MOA	Anchorage	Water and Wastewater Utility Projects	9
39	Bristol Bay Borough	King Salmon Sewer Project, Phase III B	10
35	Cordova	Mile 17 Landfill Construction	11
5	Craig	Wastewater Collection Upgrade Completion	12
39	Dillingham	Dillingham Landfill, Phase III	13
5	Haines	FAA Road Water Tank Project	14
7	Homer	East Trunk/Beluga Lift Station Upgrade	15
3	Juneau	Lena Point Reservoir/Andreanoff Way Water Distribution System	16
3	Juneau	Mendenhall WWTP Influent Valve Replacement	17
3	Juneau	Mendenhall WWTP Odor Control	18
3	Juneau	Mendenhall WWTP Repairs	19
3	Juneau	Wastewater Utility SCADA System	20
3	Juneau	West Juneau Water Main Improvements	21
5	Kake	Phase IV - Alpine Lake Water Line Construction	22
9	Kenai	STP Shop and Crew Quarters	23
9	Kenai	Wastewater Treatment Plant Expansion	24
1	Ketchikan	Sewer I&I	25
1	Ketchikan	Tongass Avenue Water Main Replacement	26
1	Ketchikan	Wastewater Collection Analysis	27
1	Ketchikan	Water Disinfection Facility Improvements	28
40	King Cove	Delta Creek Water Supply Project	29
5	Klawock	Solid Waste Facility/Landfill	30
5	Klawock	Solid Waste Incinerator Design	31
5	Klawock	Utility Service Extensions	32
6	Kodiak	Gibson Cove Sewer Line Extension	33
6	Kodiak	Monashka Bay W&S Design, Phase II	34
6	Kodiak	Sharaline Road Utilities	35
6	Kodiak	Spruce Cape Water and Sewer Replacement	36
28	Matanuska-Susitna	Hatcher Pass Water and Sewer Project	37
28	Matanuska-Susitna	Talkeetna Water & Sewer System Analysis	38
36	Nenana	Water and Sewer Extension Phase I	39
38	Nome/NJUS	Utilidor Replacement, Phase IV	40
38	Nome/NJUS	Water & Sewage System Improvement	41
38	Nome/NJUS	Water and Sewer System Expansion	42
34	North Pole	Baker/North Star Water and Sewer	43
34	North Pole	Highway Park Water Distribution	44

**TABLE OF CONTENTS**  
**(Alphabetical)**

<b>Election</b>			
<b>District</b>	<b>Community</b>	<b>Project Title</b>	<b>Page</b>
34	North Pole	North Pole Sewer Rehabilitation	45
34	North Pole	Water & Sewer System Analysis	46
11	Palmer	Palmer Sewer Refurbish	47
11	Palmer	Storm Water and Pollution Prevention Plan	48
11	Palmer	Water System Upgrade, Phase I	49
2	Petersburg	Landfill Closure	50
2	Petersburg	North Second Street Reconstruction Project	51
2	Petersburg	Scow Bay Water, Phase II	52
40	Sand Point	Sanitary Landfill, Phase III	53
8	Seward	Water Distribution System Analysis	54
2	Sitka	Sewer Feability Study	55
2	Sitka	WW Collection System Extension - SMC Road	56
2	Sitka	WW Collection System Expansion	57
5	Skagway	Wastewater Outfall Diffuser Modification	58
7	Soldotna	Funny River Road Water and Sewer Extension Sterling Highway to Airport	59
7	Soldotna	Sterling Highway Water and Sewer Extension	60
7	Soldotna	WwTP Emergency Generator - Digester Blower	61
7	Soldotna	WWTP Ultra Violet (UV) System	62
40	Unalaska	WWTP Upgrade	63
40	Unalaska	Water System Improvement (SWTR)	64
35	Valdez	Backup Well House for In-Town Reservoir	65
35	Valdez	Mineral Creek Loop Road Water System	66
35	Valdez	Robe River Sewer System	67
28	Wasilla	Parks Highway West Water Main Extension	68
28	Wasilla	Sewer Trunk Line Extension	69
28	Wasilla	Storm Water Treatment and Disposal System	70
28	Wasilla	WWTP Phase 3A	71
2	Wrangell	Church Street Wood Stave Water Main Replacement	72
2	Wrangell	Wastewater Treatment Plant Analysis	73
2	Wrangell	Water System Rehab. Phase I	74
2	Wrangell	Zimovia Water & Sewer Extension, Phase IV	75
5	Yakutat	Water and Sewer Service Improvement	76

**TABLE OF CONTENTS**  
**(By Election District)**

<b>Election District</b>	<b>Community</b>	<b>Project Title</b>	<b>Page</b>
1	Ketchikan	Sewer I&I	25
1	Ketchikan	Tongass Avenue Water Main Replacement	26
1	Ketchikan	Wastewater Collection Analysis	27
1	Ketchikan	Water Disinfection Facility Improvements	28
2	Petersburg	Landfill Closure	50
2	Petersburg	North Second Street Reconstruction Project	51
2	Petersburg	Scow Bay Water, Phase II	52
2	Sitka	Sewer Feability Study	55
2	Sitka	WW Collection System Extension - SMC Road	56
2	Sitka	WW Collection System Expansion	57
2	Wrangell	Church Street Wood Stave Water Main Replacement	72
2	Wrangell	Wastewater Treatment Plant Analysis	73
2	Wrangell	Water System Rehab. Phase I	74
2	Wrangell	Zimovia Water & Sewer Extension, Phase IV	75
3	Juneau	Lena Point Reservoir/Andreanoff Way Water Distribution System	16
3	Juneau	Mendenhall WWTP Influent Valve Replacement	17
3	Juneau	Mendenhall WWTP Odor Control	18
3	Juneau	Mendenhall WWTP Repairs	19
3	Juneau	Wastewater Utility SCADA System	20
3	Juneau	West Juneau Water Main Improvements	21
5	Craig	Wastewater Collection Upgrade Completion	12
5	Haines	FAA Road Water Tank Project	14
5	Kake	Phase IV - Alpine Lake Water Line Construction	22
5	Klawock	Solid Waste Facility/Landfill	30
5	Klawock	Solid Waste Incinerator Design	31
5	Klawock	Utility Service Extensions	32
5	Skagway	Wastewater Outfall Diffuser Modification	58
5	Yakutat	Water and Sewer Service Improvement	76
6	Kodiak	Gibson Cove Sewer Line Extension	33
6	Kodiak	Monashka Bay W&S Design, Phase II	34
6	Kodiak	Sharaline Road Utilities	35
6	Kodiak	Spruce Cape Water and Sewer Replacement	36
7	Homer	East Trunk/Beluga Lift Station Upgrade	15
7	Soldotna	Funny River Road Water and Sewer Extension Sterling Highway to Airport	59
7	Soldotna	Sterling Highway Water and Sewer Extension	60
7	Soldotna	WWTP Emergency Generator - Digester Blower	61
7	Soldotna	WWTP Ultra Violet (UV) System	62
8	Seward	Water Distribution System Analysis	54
9	Kenai	STP Shop and Crew Quarters	23
9	Kenai	Wastewater Treatment Plant Expansion	24
11	Palmer	Palmer Sewer Refurbish	47
11	Palmer	Storm Water and Pollution Prevention Plan	48
11	Palmer	Water System Upgrade, Phase I	49
28	Matanuska-Susitna	Hatcher Pass Water and Sewer Project	37
28	Matanuska-Susitna	Talkeetna Water & Sewer System Analysis	38

**TABLE OF CONTENTS**  
**(By Election District)**

<b>Election District</b>	<b>Community</b>	<b>Project Title</b>	<b>Page</b>
28	Wasilla	Parks Highway West Water Main Extension	68
28	Wasilla	Sewer Trunk Line Extension	69
28	Wasilla	Storm Water Treatment and Disposal System	70
28	Wasilla	WWTP Phase 3A	71
34	North Pole	Baker North Star Water and Sewer	43
34	North Pole	Highway Park Water Distribution	44
34	North Pole	North Pole Sewer Rehabilitation	45
34	North Pole	Water & Sewer System Analysis	46
35	Cordova	Mile 17 Landfill Construction	11
35	Valdez	Backup Well House for In-Town Reservoir	65
35	Valdez	Mineral Creek Loop Road Water System	66
35	Valdez	Robe River Sewer System	67
36	Nenana	Water and Sewer Extension Phase I	39
38	Nome/NJUS	Utilidor Replacement, Phase IV	40
38	Nome/NJUS	Water & Sewage System Improvement	41
38	Nome/NJUS	Water and Sewer System Expansion	42
39	Bristol Bay Borough	King Salmon Sewer Project, Phase III B	10
39	Dillingham	Dillingham Landfill, Phase III	13
40	King Cove	Delta Creek Water Supply Project	29
40	Sand Point	Sanitary Landfill, Phase III	53
40	Unalaska	WWTP Upgrade	63
40	Unalaska	Water System Improvement (SWTR)	64
MOA	Anchorage	1998 Equipment	1
MOA	Anchorage	Business Partners for Anchorage Waterways	2
MOA	Anchorage	Campbell Creek Sedimentation Basin Expansion	3
MOA	Anchorage	Campbell Creek Storm Outfall Improvements	4
MOA	Anchorage	Kloop Station Water Quality Improvements	5
MOA	Anchorage	Lakes Habitat - Survey	6
MOA	Anchorage	Pet Owner Public Education	7
MOA	Anchorage	Road Impacts Study	8
MOA	Anchorage	Water and Wastewater Utility Projects	9

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

**Administration:**  
**Engineer/Inspect:**  
**Construction:**           \$1,064,000  
**Equipment:**  
**Other:**  
  
**Total:**           \$1,064,000

**Community:** Anchorage  
**Project Title:** 1998 Equipment  
  
**Grant Amount Requested:** \$ 1,064,000  
**Election District:**  
**Project Priority:**  
**Population Served:** 255,000

**Project Description:**

Solid Waste Services (SWS) operates transfer stations and a municipal sanitary landfill. In order to perform the operations, various types of heavy equipment, including semitractors, 120 cubic yard transfer trailers, tankers, loaders, off-road cover trucks, landfill compactors, dozers, cherry pickers and miscellaneous other equipment is required. When the equipment reaches the end of its useful life, it is replaced with new equipment in accordance with a planned schedule.

**Project Need:**

Failure to replace worn out equipment could result in higher maintenance costs and/or complete failure of SWS's ability to process solid waste through the transfer stations or failure to dispose of the waste at the Anchorage Regional Landfill in accordance with state and federal regulations.

**COMMUNITY CONTACT**

**Name:** Director, Solid Waste Services

**Address:** Anchorage  
Anchorage                   99519-6650

**Phone Number:** (907) 343-6262

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$17,000
Engineer/Inspect:	
Construction:	
Equipment:	\$3,000
Other:	\$80,000
<b>Total:</b>	<b>\$100,000</b>

Community: **Anchorage**

Project Title: Business Partners for Anchorage Waterways

Grant Amount Requested: \$ 50,000

Election District:

Project Priority:

Population Served: 250,000

**Project Description:**

This project focuses on urban non-point sources of pollution entering waterways from business lots and practices. Non-point source pollution has been identified as the primary waste stream currently affecting Anchorage streams and lakes. Anchorage area businesses are a major contributor to this pollution stream. Businesses will be encouraged to survey their properties and reduce parking lot and process wastes. They will be provided with educational and stewardship materials.

**Project Need:**

The project is needed to help reduce waste streams in Anchorage which negatively affect the environment and cause pollutants to run into local streams and lakes. More focus needs to be given to Anchorage businesses causing these problems.

**COMMUNITY CONTACT**

**Name:** Water Quality Specialist

**Address:** P.O. Box 196650  
Anchorage 99519-6650

**Phone Number:** (907) 786-4433

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$50,000
Engineer/Inspect:	\$500,000
Construction:	\$1,050,000
Equipment:	
Other:	\$500,000
<b>Total:</b>	<b>\$2,100,000</b>

Community: **Anchorage**

Project Title: Campbell Creek Sedimentation Basin Expansion

Grant Amount Requested: \$ 200,000

Election District:

Project Priority:

Population Served: 250,000

**Project Description:**

This project is expected to consist of property acquisition, design, and construction of water quality improvements to an existing sedimentation basin which outfalls into Campbell Creek. Improvements are expected to include upgrading and expanding the existing sedimentation basin, oil and grit separator and landscaping.

**Project Need:**

The water quality improvements at this location will remove oil, grease, sediment, and other contaminants from snow melt from the snow disposal site prior to discharge into adjacent wetlands. Construction is necessary to enhance compliance with federal requirements of the Clean Water Act. The consequences of not constructing the project may include violation of the Clean Water Act, environmental pollution and adverse public health impacts.

**COMMUNITY CONTACT**

**Name:** Public Works CIP Coordinator

**Address:** P.O. Box 196650  
Anchorage 99519

**Phone Number:** (907) 343-8120

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$50,000
Engineer/Inspect:	\$500,000
Construction:	\$865,000
Equipment:	
Other:	\$900,000
<b>Total:</b>	<b>\$2,315,000</b>

Community: **Anchorage**

Project Title: Campbell Creek Storm Outfall Improvements

Grant Amount Requested: \$ 1,157,500

Election District:

Project Priority:

Population Served: 250,000

**Project Description:**

This project consists of property acquisition, design, and construction of water quality improvements for an existing storm drain outfall into Campbell Creek. This outfall collects drainage from an industrial area along King Street. Improvements may include a sedimentation basin, oil and grit separator, landscaping, and storm pipe.

**Project Need:**

The water quality improvements at this location are identified as a priority in the South Anchorage Drainage Master Plan. The improvements will remove oil, grease, sediment, and other contaminants from storm water prior to discharge into Campbell Creek. Construction is necessary to enhance compliance with federal requirements of the Clean Water Act related to the treatment of storm runoff. The consequences of not constructing the project may include violation of requirements of the Clean Water Act, environmental pollution, and adverse public health impacts.

**COMMUNITY CONTACT**

**Name:** Public Works CIP Coordinator

**Address:** P.O. Box 196650  
Anchorage 99519

**Phone Number:** (907) 343-8120

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$20,000
Engineer/Inspect:	\$120,000
Construction:	\$610,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$750,000</b>

**Community:** Anchorage

**Project Title:** Kloep Station Water Quality Improvements

**Grant Amount Requested:** \$ 375,000

**Election District:**

**Project Priority:**

**Population Served:** 250,000

**Project Description:**

This project consists of design and construction of water quality improvements for snow melt from the Municipality's Kloep Station Snow Disposal Site. Improvements may include a small sedimentation basin, oil and grit separator, landscaping and storm pipe.

**Project Need:**

The water quality improvements at this location will remove oil, grease, sediment, and other contaminants from snow melt from the snow disposal site prior to discharge into adjacent wetlands. Construction is necessary to enhance compliance with federal requirements of the Clean Water Act. The consequences of not constructing the project may include violation of the Clean Water Act, environmental pollution and adverse public health impacts.

**COMMUNITY CONTACT**

**Name:** Public Works CIP Coordinator

**Address:** P.O. Box 196650  
Anchorage 99519

**Phone Number:** (907) 343-8120

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$17,000
Engineer/Inspect:	
Construction:	
Equipment:	\$3,000
Other:	\$80,000
<b>Total:</b>	<b>\$100,000</b>

Community: **Anchorage**

Project Title: Lakes Habitat - Survey

Grant Amount Requested: \$ 60,000

Election District:

Project Priority:

Population Served: 250,000

**Project Description:**

This project will survey and assess the quality of Anchorage area lakes, particularly lakes surrounded by residential zones to assess quantities and types of major pollutants and microorganisms present in them. Of particular study interest are environmental and health concerns associated with pesticides, bacteria, and the schistosome parasite which causes swimmers itch. The assessment information will be used to develop and pursue public information and education regarding use and disposal practices of household pollutants based on their presence in local waterbodies. Information will also be used to make decisions about the safety of recreational waters including swimming beaches. A data base will be developed tracking current and historic lake quality information.

**Project Need:**

This project is needed to address quality of lake habitats, waterbodies previously understudied in Anchorage area watershed systems. Human and environmental health and safety are the focus of this study because local lakes are primary locations where citizens participate in water recreation activities. This project meets the needs of the Municipal Department of Health and Human Service's ongoing swimming beach evaluations and concerns of public health.

**COMMUNITY CONTACT**

**Name:** Water Quality Specialist

**Address:** P.O. Box 196650  
Anchorage 99519-6650

**Phone Number:** (907) 786-4433

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$17,000
Engineer/Inspect:	\$50,000
Construction:	\$10,000
Equipment:	\$3,000
Other:	\$20,000
<b>Total:</b>	<b>\$100,000</b>

**Community:** Anchorage

**Project Title:** Pet Owner Public Education

**Grant Amount Requested:** \$ 50,000

**Election District:**

**Project Priority:**

**Population Served:** 250,000

**Project Description:**

This project will educate the citizens of Anchorage about the harmful impacts on trails, wetlands, park lands, and other public areas, as well as on human health from increasing concentrations of domestic animal waste in Anchorage. High concentrations of pet waste can create unhealthy conditions in public areas. The number of animals located in Anchorage increases with human population and with increasing human population comes a need for cleaner, safer recreation areas.

**Project Need:**

This project is needed to educate the citizens of Anchorage about the impacts of increasing animal waste concentrations in Anchorage. Behavior of most animal owners need to be changed through demonstration and repeated messages. Citizens need to clean up after their pets in public parks and on trails to protect the environment and human health.

**COMMUNITY CONTACT**

**Name:** Water Quality Specialist

**Address:** P.O. Box 196650  
Anchorage 99519-6650

**Phone Number:** (907) 786-4433

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$17,000
Engineer/Inspect:	
Construction:	
Equipment:	\$3,000
Other:	\$80,000
<b>Total:</b>	<b>\$100,000</b>

Community: **Anchorage**

Project Title: Road Impacts Study

Grant Amount Requested: \$ 60,000

Election District:

Project Priority:

Population Served: 250,000

**Project Description:**

The Municipality of Anchorage currently uses large quantities of magnesium chloride deicer in its winter road maintenance practices. Long term effects of this substance on waterways and wetlands are currently unknown. This project will study effects of this product on the environment to determine effects. Findings will be used to make recommendations to the Municipality of Anchorage Street Maintenance regarding current and proposed uses of this material.

**Project Need:**

The project is needed to determine whether current street deicing practices during winter months are degrading the environment. This information will be useful to make decisions about current and proposed uses of this product.

**COMMUNITY CONTACT**

**Name:** Water Quality Specialist

**Address:** P.O. Box 196650  
Anchorage 99519-6650

**Phone Number:** (907) 786-4433

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration: \$504,313  
Engineer/Inspect: \$10,086,250  
Construction: \$39,840,689  
Equipment:  
Other: \$5,603,473  
**Total: \$56,034,725**

Community: **Anchorage**

Project Title: Water and Wastewater Utility Projects

Grant Amount Requested: \$ 18,505,000

Election District:

Project Priority:

Population Served: 254,105

**Project Description:**

The Municipality's Capital Improvement Program (CIP) has identified projects based on established and proven criteria of public benefit and need. Replacement and Rehabilitation projects are existing main line facilities beyond effective repair and needing upgrade or total replacement, demonstrating a need for constant surveillance or maintenance responses, resulting in high operational costs and compromised dependability. The majority of these projects constitute replacing pipe installed between 30 to 50 years ago and are now subject to continued failures and disruption of service. Trunks & Interceptors and Transmission & Distribution projects consist of large diameter pipe extensions that have been determined necessary to assure continued reliable wastewater/water service to existing portions of the systems, as well as to allow for extension of public wastewater/water to areas in need.

**Project Need:**

The determination of funding priority in the CIP is based on the established and proven criteria of public benefit and need in order to: maintain reliable systems and therefore reliable service; maintain safe public health standards; mitigate costly repairs; provide an alternative for on-site and private community systems, which in some cases, are on the verge of failing; provide an alternative to small community system which may not be able to meet regulatory requirements or public need; provide an alternative, under some circumstances, to no development at all.

**COMMUNITY CONTACT**

**Name:** Manager - Engineering Division

**Address:** 3000 Arctic Boulevard Avenue  
Anchorage 99503

**Phone Number:** (907) 786-5502

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$3,500
Engineer/Inspect:	\$108,000
Construction:	\$618,000
Equipment:	\$23,000
Other:	\$121,561
<b>Total:</b>	<b>\$874,061</b>

**Community:** Bristol Bay Borough

**Project Title:** King Salmon Sewer Project, Phase III B

**Grant Amount Requested:** \$ 611,843

**Election District:**

**Project Priority:** One

**Population Served:** 600+

**Project Description:**

Phase IIB of the King Salmon Sewer Project is a portion of Phase II .

The King Salmon Subdivision project is included in the overall Facilities plan that was completed in 1988. This is the plan that provided the criteria needed to phase the construction of the entire project.

King Salmon subdivision is located on the East Side of King Salmon Creek, north of the Peninsula Highway and contains approximately 36 lots, of which about half are developed with on-site septic systems in various operating conditions. All potable water for these properties is derived from on-site water wells.

**Project Need:**

The entire King Salmon Sewer project was designed to correct problems that directly affected the health and safety of the residents who live in those areas. The most serious health/safety issues were dealt with first, but this portion of the project is no less of a concern to those who live in the effected areas.

Documentation of the need for sewers in this area is on file with ADEC. In short, this area suffers from the same problems as other phased portions of the overall project, before the sewers were installed in those areas.

**COMMUNITY CONTACT**

**Name:** Borough Manager

**Address:** P.O. Box 189  
Naknek 99633

**Phone Number:** (907) 246-4224

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	
Engineer/Inspect:	\$400,000
Construction:	\$2,000,000
Equipment:	
Other:	\$400,000
<b>Total:</b>	<b>\$2,800,000</b>

Community: **Cordova**

Project Title: Mile 17 Landfill Construction

Grant Amount Requested: \$ 1,960,000

Election District:

Project Priority: One

Population Served: 2,000

**Project Description:**

The project will help remedy basic public health and environmental sanitation problems from the on-going accumulation of solid waste. The project will provide long term sanitation and water quality improvements through the construction of an approved landfill. It will also provide immediate relief by assistance for construction of a temporary storage/staging area for the baled solid waste to be shipped out of town to an approved landfill in Washington. Shipping waste out of state is an expensive but necessary means to handle solid waste generated in the community until the landfill is constructed. The existing Whitshed landfill has run out of space for waste disposal and the landfill permit expires on October 31, 1998. The permit cannot be renewed by the State because of non-compliance issues focusing on the Whitshed landfill being poorly located in a coastal tideland area, discharges leachate directly to the marine environment and ADEC has ordered the City to close the landfill.

**Project Need:**

This project is critical to alleviate an immediate public health and safety hazard. The Whitshed landfill does not have space available for sanitary solid waste disposal. Adequate burial space and cover material is lacking, leaving the on-going, incoming waste exposed with no disposal area. This creates a threat to the environment by increased leachate and polluted run-off and a public health and safety hazard through contact with exposed waste and the generation of odors attracting disease vectors such as flies, rodents, and bears. The public will benefit from the project by having a known pollution threat closed when Whitshed is capped and the public will benefit from having an approved landfill opened with adequate space for proper solid waste disposal.

**COMMUNITY CONTACT**

Name: City Manager

Address: P.O. Box 1210  
Cordova 99574

Phone Number: (907) 424-6200

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$45,000
Engineer/Inspect:	\$429,920
Construction:	\$3,241,385
Equipment:	\$258,500
Other:	\$825,195
<b>Total:</b>	<b>\$4,800,000</b>

Community: **Craig**

Project Title: Wastewater Collection Upgrade Completion

Grant Amount Requested: \$ 618,000

Election District:

Project Priority:

Population Served: 2,145

**Project Description:**

To complete the upgrade and extensions of the wastewater collection system recommended in the Wastewater Facilities Plan completed in 1994 by RW Beck and R&M Engineers. This work will include installation of the Salmonberry Subdivision extension and relocating the West Hamilton Pump Station while redirecting the flows across the Cemetery Island causeway to the new wastewater treatment plant and bypassing the overloaded West Craig collection system.

**Project Need:**

This work is the last of the work required by ADEC to correct the out-of-compliance wastewater treatment plant that has been overloaded since 1976 which has been demolished and replaced as recommended by the above mentioned facilities plan. All documentation is on file with ADEC.

**COMMUNITY CONTACT**

**Name:** City Administrator

**Address:** P.O. Box 725  
Craig 99921

**Phone Number:** (907) 826-3275

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$70,000
Engineer/Inspect:	\$55,000
Construction:	\$1,968,650
Equipment:	\$380,000
Other:	\$50,000
<b>Total:</b>	<b>\$2,523,650</b>

Community: **Dillingham**

Project Title: Dillingham Landfill, Phase III

Grant Amount Requested: \$ 1,781,555

Election District:

Project Priority:

Population Served: 2,385

**Project Description:**

This project will construct Phase III of the new Dillingham Solid Waste Facility. Phase I and II were funded through the FY 99 ADEC Municipal Matching Grant program. Phase III includes the final design and construction of the new facility as well as closure of the existing facility.

**Project Need:**

The current landfill facility does not meet EPA/ADEC regulations. If the project is not completed, the existing facility will be filled to over capacity in 1999. This project will provide a new permitted solid waste facility that will meet the needs of the community for the next forty years.

**COMMUNITY CONTACT**

**Name:** City Manager

**Address:** P.O. Box 889  
Dillingham 99576

**Phone Number:** (907) 842-5211

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$25,000
Engineer/Inspect:	\$128,130
Construction:	\$798,215
Equipment:	
Other:	
<b>Total:</b>	<b>\$951,345</b>

**Community: Haines**

**Project Title: FAA Road Water Tank Project**

**Grant Amount Requested: \$ 608,000**

**Election District:**

**Project Priority: One**

**Population Served: 2,400**

**Project Description:**

The project will address three Haines water utility needs: (1) Eliminate potential for infiltration contamination and on-going customer inconvenience by eliminating low or negative pressure events during filter backwash cycles; (2) Improve chlorine contact time; and (3) Increase the water system's storage capacity by 85%. This will improve fire storage capacity and allow the system to meet peak demands. The project will purchase and install a 400,000 gallon water storage tank and related piping, valves and controls. The project site is on Federal Aviation Administration property adjacent to the City's existing water system supply pipe. The project will include approximately 600 feet of inflow/outflow pipe to connect the tank to the existing water supply pipe.

**Project Need:**

Presently, there is no water storage tank near the City's water supply pipeline and treatment plant. When water leaves the treatment plant at the end of the FAA Road, it travels through 400 feet of 24-inch pipe and 4,700 feet of 8-inch pipe before entering an existing 320,000 gallon storage tank. During two daily filter backwash periods, the water main between the treatment plant and the existing water tank loses pressure. Utility customers served by this section experience low water pressure or no flow whatsoever.

**COMMUNITY CONTACT**

**Name:** City Administrator

**Address:** P.O. Box 1049  
Haines 99827

**Phone Number:** (907) 776-2231

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$45,000
Engineer/Inspect:	\$25,000
Construction:	\$450,000
Equipment:	\$25,000
Other:	\$85,000
<b>Total:</b>	<b>\$630,000</b>

Community: **Homer**

Project Title: East Trunk/Beluga Lift Station Upgrade

Grant Amount Requested: \$ 441,000

Election District:

Project Priority:

Population Served: 4,400

**Project Description:**

Replace an overloaded sewer interceptor, main and lift station. The system transmits all sewage flows from the Homer Spit, Eastern Homer and Kachemak City.

**Project Need:**

The existing main is hydraulically overloaded. Severe deposition is occurring in the pipe invert. Excessive maintenance costs are one result. Very low dissolved oxygen is another result. The lift station floods during extreme high tides.

**COMMUNITY CONTACT**

**Name:** Public Works Director

**Address:** 491 E. Pioneer Avenue  
Homer 99603

**Phone Number:** (907) 235-3170

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$175,000
Engineer/Inspect:	\$700,000
Construction:	\$2,100,000
Equipment:	
Other:	\$525,000
<b>Total:</b>	<b>\$3,500,000</b>

**Community:** Juneau

**Project Title:** Lena Point Reservoir/Andreanoff Way Water Distribution System

**Grant Amount Requested:** \$ 1,450,000

**Election District:**

**Project Priority:**

**Population Served:** 1,500

**Project Description:**

This project will construct a 1 million gallon reservoir and pump station in the Lena Point area which will provide the storage and pressure needed to meet fire flow demands in the Lena Loop and Tee Harbor areas. It will provide the pressure zone needed to provide water service to Andreanof Way, Randall Road, Cohen Drive and some of the uphill residences on Glacier Highway. These areas cannot be served by the existing pressure control systems, and other associated facilities. This project will also cover the construction of main and service lines for Andreanof Way.

**Project Need:**

The existing Tee Harbor System cannot provide adequate pressure and fire flow demands in the Lena Loop and Tee Harbor areas and the pressure zone needed for service to Andreanof Way, Randall Road, Cohen Drive and some of the uphill residences on Glacier Highway.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 780-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$10,400
Engineer/Inspect:	\$41,600
Construction:	\$124,800
Equipment:	
Other:	\$31,200
<b>Total:</b>	<b>\$208,000</b>

**Community:** **Juneau**

**Project Title:** Mendenhall WWTP Influent Valve Replacement

**Grant Amount Requested:** \$ 160,000

**Election District:**

**Project Priority:**

**Population Served:** 18,500

**Project Description:**

This project involves the purchase and installation of new influent valves at the SBR basins. We have had problems with current valves. New valves will increase efficiency and eliminate recurring maintenance.

**Project Need:**

We have had continuing problems with valves at the Mendenhall Wastewater Treatment Plant SBR basins. New valves will eliminate recurring maintenance and increase efficiency.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 780-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$195,000
Engineer/Inspect:	\$780,000
Construction:	\$2,340,000
Equipment:	
Other:	\$585,000
<b>Total:</b>	<b>\$3,900,000</b>

Community: **Juneau**

Project Title: Mendenhall WWTP Odor Control

Grant Amount Requested: \$ 3,000,000

Election District:

Project Priority:

Population Served: 2,000

**Project Description:**

This project includes the design, construction and installation of odor control equipment at the Mendenhall Wastewater Treatment Plant Facility. The proposed improvements will allow a reduction of odors released by the plant and a reduction in the number of complaints from people in the vicinity of the plant.

**Project Need:**

Each year the Public Works Department receives numerous odor complaints from people who live in the area of the Mendenhall Wastewater Treatment Plant Facility. The treatment plant is located in a residential neighborhood. Residents are demanding that the odor problems be eliminated or reduced.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 780-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$46,000
Engineer/Inspect:	\$182,000
Construction:	\$546,000
Equipment:	
Other:	\$136,000
<b>Total:</b>	<b>\$910,000</b>

Community: **Juneau**

Project Title: Mendenhall WWTP Repairs

Grant Amount Requested: \$ 700,000

Election District:

Project Priority:

Population Served: 18,500

**Project Description:**

Repair or replace the deteriorated existing steel ABF building. This building is no longer used. The old building will be repaired and converted to usable space.

**Project Need:**

The old ABF building has not been used for several years. It is in a deteriorating state and needs repairs so that the space can be put to a safe and useful purpose.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 780-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$39,000
Engineer/Inspect:	\$156,000
Construction:	\$468,000
Equipment:	
Other:	\$117,000
<b>Total:</b>	<b>\$780,000</b>

Community: **Juneau**

Project Title: Wastewater Utility SCADA System

Grant Amount Requested: \$ 600,000

Election District:

Project Priority:

Population Served: 28,000

**Project Description:**

The telemetry (SCADA) system will improve emergency response as well as operation and maintenance of the wastewater system.

**Project Need:**

As the Juneau wastewater system grows, the need for a telemetry (SCADA) system becomes more of a necessity. A telemetry system will permit staff to speedily identify problems with the wastewater collection system. The sooner a problem with the wastewater system can be identified, the sooner City operators will be able to fix the problem in order to minimize potential contamination and damage.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 780-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$16,300
Engineer/Inspect:	\$65,000
Construction:	\$195,000
Equipment:	
Other:	\$48,700
<b>Total:</b>	<b>\$325,000</b>

**Community: Juneau**

**Project Title:** West Juneau Water Main Improvements

**Grant Amount Requested:** \$ 250,000

**Election District:**

**Project Priority:**

**Population Served:** 200+

**Project Description:**

This project will run a new water mainline from the upper section of West Juneau over to the Simpson Street area to improve water pressure and fire flow in that area.

**Project Need:**

Current water pressure to properties in this area is minimal. The new mainline will increase the water pressure to an acceptable level for both fire and household flows. Increased flows will also permit development in the area.

**COMMUNITY CONTACT**

**Name:** Public Works Administrative Officer

**Address:** 155 South Seward Street  
Juneau 99801

**Phone Number:** (907) 730-6888

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$50,000
Engineer/Inspect:	\$300,000
Construction:	\$1,900,000
Equipment:	\$550,000
Other:	\$150,000
<b>Total:</b>	<b>\$2,950,000</b>

**Community:** Kake

**Project Title:** Phase IV - Alpine Lake Water Line Construction

**Grant Amount Requested:** \$2,000,000

**Election District:**

**Project Priority:** One

**Population Served:** 800

**Project Description:**

This project will construct a 10" diameter water line that extends from Alpine Lake to the existing water plant, a distance of 6 miles. The pipe line will accomplish the following:

a) eliminate impact of 20 new homes on the existing system, b) eliminate the drought situation that exists each summer, c) eliminate annual chemical costs that are \$40,000 annually, d) eliminate the chance of Kake citizens contracting "Beaver Fever" from the presence of numerous beaver dams in the water system, and e) eliminate municipal electrical costs of \$35,000 per year. The result of a gravity fed source of water will pay project moneys back within 30 years.

**Project Need:**

This project will eliminate the use of water coming from beaver dams. This will eliminate the necessity of closing down the local cold storage plant during peak productions due to water shortages. This project will reduce the cost of chemicals that are used to purify the water. This will eliminate taking water from a wildlife habitat, where all kinds of species use water source along the muskeg as well as eliminating water that flows through the existing logging area. This project will also allow the City to control water usage by the Forest Service, Sealaska and Kake Tribal Corporation.

**COMMUNITY CONTACT**

**Name:** Lonnie Anderson

**Address:** P.O. Box 500  
Kake 99830

**Phone Number:** (907) 785-3804

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$5,000
Engineer/Inspect:	\$45,000
Construction:	\$300,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$350,000</b>

Community: **Kenai**

Project Title: STP Shop and Crew Quarters

Grant Amount Requested: \$ 175,000

Election District:

Project Priority:

Population Served: 4,500

**Project Description:**

This project will build a small two-story addition tying into the existing Wastewater Treatment Plant. This would provide for a new shop area and crew quarters. It would provide for a lunchroom, training center, plans room, clothes changing and shower area. It would provide a cleaner and more sanitary area for the plant employees. The State of Alaska OSHA is in the process of including our Wastewater Treatment Plant in the "Safety and Health Achievement Recognition Program" (SHARP). Also ADEC, EPA and the Water Environment Federation have recognized the excellence of our plant. We plan on offering our plant as a statewide training facility for OSHA and ADEC training.

**Project Need:**

If this project is not done, the employees will have to continue using the area where digested sludge is pumped. They will continue to deal with the smell and possible contamination and dangers of the plant during breaks, lunch, and training. Because the present area is small, without this addition, the number of trainees would be drastically reduced.

**COMMUNITY CONTACT**

Name: Public Works Manager

Address: 210 Fidalgo, Suite 200  
Kenai 99611-7794

Phone Number: (907) 283-7535

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$10,000
Engineer/Inspect:	\$350,000
Construction:	\$4,640,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$5,000,000</b>

**Community:** Kenai

**Project Title:** Wastewater Treatment Plant Expansion

**Grant Amount Requested:** \$ 2,500,000

**Election District:**

**Project Priority:**

**Population Served:** 4,500

**Project Description:**

The Kenai Wastewater Treatment Plant is approaching its capacity in both design and permit criteria for requirements such as flow, BOD, and SS. This project would expand our plant and thus allow the city to continue to achieve the high level of wastewater treatment that is expected to meet the environmental needs. The planned expansion would raise the design flow capacity from 1.3 mgd to 2.0 mgd. It would include additions such as aeration basins, clarifiers, and sludge thickeners. It would also include upgrades to the existing structures and possibly a change in disinfection to UV.

**Project Need:**

If the Wastewater Treatment Plant is not expanded, it will exceed the design capacity resulting in lower treatment efficiency and violations to our permit requirements. It would then expose the public to wastewater pollution problems. The city has, on occasion, exceeded the design and permit flow requirements. If the plant is not expanded, the conditions could, over time, become severe enough that a pollution event could occur.

**COMMUNITY CONTACT**

**Name:** Public Works Manager

**Address:** 210 Fidalgo, Suite 200  
Kenai 99611

**Phone Number:** (907) 283-7535

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	
Engineer/Inspect:	\$26,200
Construction:	\$104,800
Equipment:	
Other:	
<b>Total:</b>	<b>\$131,000</b>

Community: **Ketchikan**

Project Title: Sewer I&I

Grant Amount Requested: \$ 65,500

Election District:

Project Priority:

Population Served: 8,000

**Project Description:**

Phase 2 of this project will upgrade the sewer mains impacted by the State DOT Third Avenue Extension Project. It will replace the existing sewer lines under the new road and also place crossroad casings at selected locations for future sewer crossing to serve current undeveloped adjacent property. This will eliminate the need to dig up new pavement.

**Project Need:**

If this project isn't done concurrent with the State DOT project, it will mean that construction must be done at a later date in a just completed State roadway.

**COMMUNITY CONTACT**

**Name:** City Manager

**Address:** 334 Front Street  
Ketchikan 99901

**Phone Number:** (907) 228-5676

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$240,000
Engineer/Inspect:	\$820,000
Construction:	\$5,000,000
Equipment:	\$500,000
Other:	
<b>Total:</b>	<b>\$6,560,000</b>

Community: **Ketchikan**

Project Title: Tongass Avenue Water Main Replacement

Grant Amount Requested: \$ \$325,000

Election District:

Project Priority:

Population Served: 8,250

**Project Description:**

This is a multi-year project which will extend the municipal water system beyond the existing city limits out to the northern end of Shoreline Drive. A condition before water service is extended will be incorporation of these properties into the city limits. In able to provide adequate fire protection and a reliable supply to Shoreline Drive requires the replacement of undersized 10, 8 and 6-inch cast-iron piping presently installed in Tongass Avenue. New ductile-iron pipelines would be sized for future growth and extend from the Madison Street intersection out to the present City limits. Work in 1999 would consist of letting a contract for design and possibly a construction contract in the fall. Proposed funding for this project would be from Borough funds with the remainder from the State's Matching grant program.

**Project Need:**

At the present time, there is only one route for disinfected water to travel from our contact time reservoir and serve the western end of Ketchikan; along Tongass Avenue. Even with the alternate routing provided by the proposed Third Avenue extension, it only extends to the Tongass/Third intersection. Beyond that point, there is still no alternate route for water to the northwest. This flow of water cannot be interrupted for more than a few hours without curtailing the only water supply to many critical services in the community: hospital, airport and municipal wastewater plant.

**COMMUNITY CONTACT**

**Name:** Ketchikan Public Utilities

**Address:** 2930 Tongass Avenue  
Ketchikan 99901

**Phone Number:** (907) 225-100

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	
Engineer/Inspect:	\$8,500
Construction:	\$36,500
Equipment:	
Other:	\$235,000
<b>Total:</b>	<b>\$280,000</b>

Community: **Ketchikan**

Project Title: Wastewater Collection Analysis

Grant Amount Requested: \$ 140,000

Election District:

Project Priority:

Population Served: 8,000

**Project Description:**

Part 1 of this project consists of an infiltration and inflow (I&I) study which will include smoke testing, television inspection, and analysis of our existing collection system. Severe I&I exists in the collection system as evidenced by the tremendous flows entering the treatment plant during storms and/or high tides. The normal daily flow is under 2 million gallons per day, flows during heavy rain storms can exceed 10 million. This results in extra pumping and treatment costs and tremendous wear and tear on the equipment. This can only be reduced by decreasing I&I. Information received from this study will allow the City to do a priority listing of the many needed repair projects and give recommendations as to the best methods of repairing or replacing deteriorated sewer lines. Included in this project is the replacement of a section of Fairy Chasm sewer main, which has been identified as a major I&I contributor.

**Project Need:**

Despite intense efforts by our crews to control the infiltration and inflow problems, in August of 1998, intense rainfall flooded the treatment plant and water flowed out the top of manholes in several locations. This happened several times in the last year. The I&I study will pinpoint the most severe problem areas and allow the City to get the best results with their wastewater dollars.

**COMMUNITY CONTACT**

Name: City Manager

Address: 334 Front Street  
Ketchikan 99901

Phone Number: (907) 228-5676

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$15,000
Engineer/Inspect:	\$44,000
Construction:	\$350,000
Equipment:	\$41,000
Other:	
<b>Total:</b>	<b>\$450,000</b>

Community: **Ketchikan**

Project Title: Water Disinfection Facility Improvements

Grant Amount Requested: \$ 225,000

Election District:

Project Priority:

Population Served: 8,250

**Project Description:**

KPU currently owns and operates a disinfection facility that provides potable drinking water to the community. Chlorine gas is used as the disinfectant and at least two 1-ton chlorine cylinders, source of chlorine gas, are located on-site at all times. For reasons of both community safety and to comply with Federal environmental laws, KPU has decided to change its method of chlorine disinfection to an on-site system which generates a weak solution of sodium hypochlorite (bleach). An engineering feasibility study for this project was completed July 1998. The City Council has reviewed this study and authorized a RFF for the final design of this facility. The construction plans and specifications should be ready for review/approval by ADEC February, 1999. Proposed funding for this project will be combination of KPU's appropriated reserves and the State 50% Matching Grant Program.

**Project Need:**

Although chlorine gas is a corrosive, toxic chemical and an oxidant, it is also a proven disinfectant. In recent years, however, safety and environmental concerns have led to the passage of federal laws to eliminate or mitigate the damage to life and the environment that can result from an accidental release of chlorine gas. Compounding the potential seriousness that a large chlorine gas leak could cause is KPU's disinfection facility located in close proximity to two schools and adjacent City Park, community's multiple-use ball field and recreation center.

**COMMUNITY CONTACT**

**Name:** Ketchikan Public Utilities

**Address:** 2930 Tongass Avenue  
Ketchikan 99901

**Phone Number:** (907) 225-100

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$60,000
Engineer/Inspect:	\$1,180,000
Construction:	\$7,080,000
Equipment:	
Other:	\$180,000
<b>Total:</b>	<b>\$8,500,000</b>

Community: **King Cove**

Project Title: Delta Creek Water Supply Project

Grant Amount Requested: \$ 600,000

Election District:

Project Priority: One

Population Served: 800

**Project Description:**

This project will provide a groundwater source for the City. The City currently uses an unfiltered surface source and is operating under a Compliance by Consent Order from the State to abandon this current water source by early summer 1999. The project will include the construction of the following components: a well field consisting of 7 wells; approximately 29,000 l.f. of 14" water lines, approximately 4,800 l.f. of 12" water lines for a dual use/emergency use; a 1.0 million gallon storage tank; water treatment and pumping buildings with a 10,000 gallon storage tank; 10 pressure reducing valves and air release vaults; access roads; and installation of water treatment equipment and system power controls.

**Project Need:**

First, the existing surface water source is non-compliant with the Federal Surface Water Treatment Rule. Consequently, the City is operating under a Compliance by Consent Order that mandates abandonment of this source within 18 months. Second, the current system cannot consistently produce enough water for the City's industrial and residential needs.

**COMMUNITY CONTACT**

**Name:** City Manager

**Address:** 1600 A Suite #103  
Anchorage 99501

**Phone Number:** (907) 274-7555

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	
Engineer/Inspect:	\$132,140
Construction:	\$660,698
Equipment:	\$1,615,376
Other:	\$198,210
<b>Total:</b>	<b>\$2,606,424</b>

Community: **Klawock**

Project Title: Solid Waste Facility/Landfill

Grant Amount Requested: \$ 2,250,000

Election District:

Project Priority: Two

Population Served: 4,000+

**Project Description:**

Completion of this project will provide solid waste disposal facilities for the area for the next 100 years. Most solid waste is now disposed of in an unpermitted landfill area. The project will include a thermal oxidation unit, tipping floor, metal building, hazardous waste handling area, auto stabilizing area, offices, scales, recycling facilities and landfill cell construction and drainage, and equipment to properly operate the facilities in accord with the preferred alternative from the recently completed Solid Waste Management Study.

**Project Need:**

Approximately 3,000 people have been using a landfill which has not been properly operated and has no DEC permit. There are problems with windblown litter and with leachates passing into the surface water. This project (with subsequent construction phase(s)) will provide a landfill with demolition/construction debris and ash only, making an inert refuse landfill without putrescibles, and minimal environmental impact.

**COMMUNITY CONTACT**

Name: Mayor

Address: P.O. Box 469  
Klawock 99925

Phone Number: (907) 755-2261

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:  
Engineer/Inspect: \$132,140  
Construction:  
Equipment:  
Other:  
**Total: \$132,140**

Community: **Klawock**  
Project Title: Solid Waste Incinerator Design  
  
Grant Amount Requested: \$ 135,000  
Election District:  
Project Priority: Two  
Population Served: 4,000

**Project Description:**

This project will complete the planning stage of solid waste disposal and bring the City to readiness for construction. This is the next step toward having a fully compliant, permitted landfill for southern Prince of Wales Island. By the completion of this phase, we will have complete plans and cost estimates for construction. Once we have complete facility plans we will be ready to bid construction of a new thermal oxidizer, tipping floor, recycling setup with recycling baler, and hazardous waste sorting and storage facility. It is projected that the new facility will accommodate the solid waste disposal needs of the area for over 100 years.

**Project Need:**

Approximately 3,000 people have been using a landfill which has not been properly operated and has no DEC permit. There are problems with windblown litter and with leachates passing into the surface water. This project (with subsequent construction phase(s)) will provide a landfill with demolition/construction debris and ash only, making an inert refuse landfill without putrescibles, and minimal environmental impact.

**COMMUNITY CONTACT**

**Name:** Mayor

**Address:** P.O. Box 469  
Klawock 99925

**Phone Number:** (907) 755-2261

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	
Engineer/Inspect:	\$25,340
Construction:	\$316,750
Equipment:	
Other:	\$85,523
<b>Total:</b>	<b>\$427,613</b>

Community: **Klawock**

Project Title: Utility Service Extensions

Grant Amount Requested: \$ 365,000

Election District:

Project Priority:

Population Served: 750

**Project Description:**

This project will bring water and sewer services to the core commercial area of the City. It will upgrade service to some lots and provide first service to others. It will allow our limited commercial service area to expand to meet the needs of economic development. There are presently five businesses waiting for utilities for establishment/development. This will be accomplished by installing primary water and sewer lines along one of our primary streets.

**Project Need:**

Much of our otherwise most desirable commercial area is now unserved by basic utilities. This area lies along our most heavily traveled roadway. We have had very limited economic development in the past because of limited utility service. Failure to address this need will place severe limits on our economic development.

**COMMUNITY CONTACT**

**Name:** Mayor

**Address:** P.O. Box 469  
Klawock 99925

**Phone Number:** (907) 755-2261

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$30,000
Engineer/Inspect:	\$225,000
Construction:	\$1,245,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$1,500,000</b>

**Community: Kodiak**

**Project Title:** Gibson Cove Sewer Line Extension

**Grant Amount Requested:** \$ 750,000

**Election District:**

**Project Priority:**

**Population Served:** 9,047

**Project Description:**

This project will extend sewer service to the Gibson Cove area of the City of Kodiak. This location currently houses a fish processing plant, a fish waste reduction plant, a federal fisheries enforcement facility (NOAA) and a community campground.

**Project Need:**

Currently the fish processing plant, which employs 250 people, and the fish waste reduction plant, which employs 15 people, are operating individual sewage treatment plants with ocean outfalls. The fisheries enforcement (NOAA) facility also has an individual sewage treatment plant which is currently non-operational. That facility is currently collecting sewage in a holding tank and transporting it by truck to the City's system. The campground, which has a summertime capacity in excess of 100 people, uses a septic tank and leach field system for sewage disposal.

**COMMUNITY CONTACT**

**Name:** Public Works Director

**Address:** 2410 Mill Bay Road  
Kodiak 99615

**Phone Number:** (907) 486-8060

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

**Administration:**  
**Engineer/Inspect:** \$372,500  
**Construction:**  
**Equipment:**  
**Other:**  
**Total:** \$372,500

**Community:** Kodiak

**Project Title:** Monashka Bay W&S Design, Phase II

**Grant Amount Requested:** \$ 186,250

**Election District:**

**Project Priority:**

**Population Served:**

**Project Description:**

The project will provide funds for the design of Phase 2 of an expansion of the City's water and sewer utility systems into the Monashka Bay area. A grant for Phase I of this project was authorized last year. This area is currently served by well and septic systems. A number of problems with these systems have been reported. In addition to the residential areas to be served by this project, services will ultimately be extended to the Kodiak Island Solid Waste Disposal Site. There is currently no facilities available to the solid waste disposal site to allow the transport of leachate or runoff to the wastewater treatment plant.

**Project Need:**

In the area to be served by these improvements, residents presently use individual wells for water supply and on-site septic systems for wastewater disposal. In a survey conducted by the Kodiak Island Borough and HDR Engineering in the summer of 1990, 25 out of 32 respondents reported quality of quantity problems with wells and 9 out of 32 respondents reported significant problems with septic tanks. In addition to the problems associated with residential properties in this area, the problem of what to do with the leachate water from the Kodiak Island Solid Waste Disposal site, which is not currently being collected, has been identified by ADEC and the Kodiak Island Borough.

**COMMUNITY CONTACT**

**Name:** Public Works Director

**Address:** 2410 Mill Bay Road  
Kodiak 99615

**Phone Number:** (907) 486-8060

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$18,000
Engineer/Inspect:	\$90,000
Construction:	\$792,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$900,000</b>

Community: **Kodiak**

Project Title: Sharatine Road Utilities

Grant Amount Requested: \$ 450,000

Election District:

Project Priority:

Population Served: 9,047

**Project Description:**

This project will complete the installation of water and sewer utilities in the Sharatine Road area. This project was started utilizing state grant funds and will be completed with this grant.

**Project Need:**

The area served by this project does not have public utilities. It is an area surrounded by development which is currently served by public utilities. Completion of this project will result in a more appropriately looped utility system which will result in improved potable water quality for system users.

**COMMUNITY CONTACT**

**Name:** Public Works Director

**Address:** 2410 Mill Bay Road  
Kodiak 99615

**Phone Number:** (907) 486-8060

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$40,000
Engineer/Inspect:	\$300,000
Construction:	\$1,660,000
Equipment:	
Other:	
<b>Total:</b>	<b>\$2,000,000</b>

**Community:** Kodiak

**Project Title:** Spruce Cape Water and Sewer Replacement

**Grant Amount Requested:** \$ 1,000,000

**Election District:**

**Project Priority:**

**Population Served:** 9,047

**Project Description:**

This project will replace approximately 5,100 feet of under capacity gravity sewer line along Spruce Cape Road. It will also replace approximately the same amount of asbestos cement water mains in the same area.

**Project Need:**

The water and sewer systems in the Spruce Cape area are aging and in need of replacement. Size of the lines has also become an issue with continued growth in the area. A study performed by VEI Consultants, Inc., for the Kodiak Island Borough has identified the sewer main as having insufficient capacity to handle planned development in the area. The existing asbestos cement water main has been subject to several breaks and leaks in recent years.

**COMMUNITY CONTACT**

**Name:** Public Works Director

**Address:** 2410 Mill Bay Road  
Kodiak 99615

**Phone Number:** (907) 486-8060

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:  
Engineer/Inspect:  
Construction:           \$825,000  
Equipment:  
Other:  
  
Total:           \$825,000

Community: **Matanuska-Susitna**

Project Title: Hatcher Pass Water and Sewer Project

Grant Amount Requested: \$ 825,000

Election District:

Project Priority:

Population Served:

**Project Description:**

This project consists of the design and construction of a water and sewer system in the Hatcher Pass area, which is located just north of Palmer. The water and sewer system is a vital component of the proposed Hatcher Pass Ski area, one of the Borough's highest economic development projects. The proposed ski area project is scheduled for construction for summer/fall 1999.

**Project Need:**

This project is needed to provide water to and control effluent from the ski area development. Presently there is no water and sewer system in the area. Without this project, an important economic development effort will not occur causing the loss of some 120 jobs. In addition, as the ski area is in an environmentally sensitive area, a water and sewer system is vital to prevent pollution of one of Alaska's specially designated recreational rivers, the Little Susitna River.

**COMMUNITY CONTACT**

**Name:** Borough Manager

**Address:** 350 E. Dahlia Avenue  
Palmer 99645

**Phone Number:** (907) 745-9689

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$10,000
Engineer/Inspect:	\$92,000
Construction:	
Equipment:	
Other:	
<b>Total:</b>	<b>\$102,000</b>

Community: **Matanuska-Susitna Borough**

Project Title: Talkeetna Water & Sewer System Analysis

Grant Amount Requested: \$ 51,000

Election District:

Project Priority:

Population Served: 300

**Project Description:**

Both water and wastewater systems have problems with varying degrees of severity. Some of the problems are the result of key components not properly addressed during design and construction of these systems. There is a potential for catastrophic system failure. The G Street lift station which serves the entire town experiences frequent failures due to overloading caused by excessive infiltration/inflow.

**Project Need:**

This project is needed to provide a design study to determine the source(s) of infiltration/inflow problems in the sewer collection system, improve peak flow and fire demand of the existing water system. This project will provide a rate study to identify and prepare an operating budget for the Talkeetna Water and Wastewater Utility. The results of this study will allow the Matanuska-Susitna Borough to design recommended improvements to correct existing problems in the Talkeetna water and sewer system.

**COMMUNITY CONTACT**

**Name:** Director of Public Works

**Address:** 350 East Dahlia Avenue  
Palmer 99645-6488

**Phone Number:** (907) 745-9831

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$200,000
Engineer/Inspect:	\$180,000
Construction:	\$1,200,000
Equipment:	\$850,000
Other:	\$120,000
<b>Total:</b>	<b>\$2,550,000</b>

Community: **Nenana**

Project Title: Water and Sewer Extension Phase I

Grant Amount Requested: \$ 950,000

Election District:

Project Priority: One

Population Served: 98

**Project Description:**

This project will provide water to thirty-six homes and sewer to fourteen houses and provide water to the water front for better fire protection around the city with twenty one fire hydrants.

**Project Need:**

This project will tie in the last fourteen houses to the sewer system and that will stop the possible pollution of the City's water well and the water part of this project will give quality water to home owners and provide twenty one hydrants to the system for more adequate fire protection.

**COMMUNITY CONTACT**

**Name:** Mayor

**Address:** P.O. Box 00070  
Nenana 99760

**Phone Number:** (907) 832-5441

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$200,000
Engineer/Inspect:	\$526,000
Construction:	\$3,143,000
Equipment:	
Other:	\$315,000
<b>Total:</b>	<b>\$4,184,000</b>

Community: **Nome/NJUS**

Project Title: Utilidor Replacement, Phase IV

Grant Amount Requested: \$ 1,850,000

Election District:

Project Priority: One

Population Served: 4,184

**Project Description:**

Continuation of project to replace flaking wooden and aluminum walk-through utilidors with direct bury arctic pipe. The utilidor contains wood stave, sewer, sewer mains, and uninsulated spiral welded steel waterlines both of which are antiquated and leaking. The utilidors were installed over 25 years ago and are rotting and/or bucking causing the utilidors to shift and collapse. Utilidor replacement causes sewer pipes to pull apart sometimes flooding the utilidors and submerging active water mains and service lines with raw sewage. Storm water also floods the utilidors causing similar health hazards and making reaches of the utilidor impassable. Collapse causes damage to roads and hazard to pedestrians and motorists.

**Project Need:**

The existing utilidor are a health hazard to utility workers, utility customers and motorists. There is a real possibility that serious injury or death could occur at any time as the result of on-going utilidor failure. Replacement of the downtown utilidor is long overdue and will eliminate a very dangerous condition, to the benefit of the entire community.

**COMMUNITY CONTACT**

Name: Utility Manager

Address: P.O. Box 70  
Nome 99762

Phone Number: (907) 443-5288

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$50,000
Engineer/Inspect:	\$153,300
Construction:	\$443,700
Equipment:	\$195,000
Other:	\$180,000
<b>Total:</b>	<b>\$1,022,000</b>

Community: **Nome/NJUS**

Project Title: Water and Sewer System Expansion

Grant Amount Requested: \$ 100,000

Election District:

Project Priority: Two

Population Served:

**Project Description:**

This project will provide home owners located adjacent to or surrounded by the existing Nome water distribution and sewage collection system access to piped water and sewer utilities. Several city blocks in Nome have not been served by any of the previous water and sewer project and have seen increased development over the past years. Currently, over twenty homes are located within the proposed project area. This project will add approximately 2,900 linear feet of new water and sewer main to the existing utility system capable of serving 70 city lots.

**Project Need:**

Most homeowners in the project area currently have inadequate sanitation facilities. Many haul their own water or have water delivered to them. Honey buckets, sewage holding tanks and septic tanks are very common. Several property owners have resorted to installing very long (200+feet) service lines illegally crossing other people's private property just to connect to water and sewer mains. Without this project, homeowners will continue to live without proper sanitation facilities.

**COMMUNITY CONTACT**

**Name:** Utility Manager

**Address:** P.O. Box 70  
Nome 99762

**Phone Number:** (907) 443-5288

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$35,000
Engineer/Inspect:	\$145,000
Construction:	\$115,000
Equipment:	\$55,000
Other:	\$25,000
<b>Total:</b>	<b>\$375,000</b>

Community: **Nome/NJUS**

Project Title: Water & Sewage System Improvement

Grant Amount Requested: \$ 262,500

Election District:

Project Priority:

Population Served: 4,184

**Project Description:**

In the early 1980's Nome Joint Utility System (NJUS) completed a water system performance model. Since that time, construction of several major system expansions, improvement projects and heavy community growth have completely changed the systems characteristics. The water system is a forced circulation distribution piping network. Water flow (minimum 2 feet per second) is essential for freeze protection. This project will develop a computer model of the existing distribution system, simulate all possible flow conditions to identify problem flow areas, install circulator pump(s) (if required) and install approximately eight telemetry stations to monitor actual system performance.

**Project Need:**

Freezing of any portion of the distribution system due to inadequate water flow rates could cause a catastrophic system failure. All of the frozen pipes would require thawing and possible replacement. A large portion of the water distribution system is spiral welded steel that would be destroyed by freezing water. This projects water system model and telemetry monitoring would be used to locate water leaks and eliminate potential problems.

**COMMUNITY CONTACT**

**Name:** Utility Manager

**Address:** P.O. Box 70  
Nome 99762

**Phone Number:** (907) 443-5288

**DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
FY 00 CAPITAL BUDGET REQUEST  
Municipal Matching Grants Program**

**PROJECT COSTS:**

Administration:	\$30,071
Engineer/Inspect:	\$1,278,322
Construction:	\$6,391,607
Equipment:	
Other:	
<b>Total:</b>	<b>\$7,700,000</b>

**Community: North Pole**

**Project Title: Baker/North Star Water and Sewer**

**Grant Amount Requested: \$ 5,390,000**

**Election District:**

**Project Priority:**

**Population Served: 350**

**Project Description:**

This project will provide municipal water and sewer service to Baker and North Star Subdivisions within the City. These two southernmost residential subdivisions within the City's boundaries are almost totally developed with single family dwellings. These homes rely on individual shallow wells for potable water and on-site soil absorption waste disposal systems.

**Project Need:**

Typical of the North Pole area, a shallow, active aquifer poses difficulties for the currently used on-site soil absorption wastewater disposal systems to function properly. Due to the density of development in the project area, a potential for contamination of the numerous shallow potable water wells does exist.

**COMMUNITY CONTACT**

**Name:** City Engineer/Planner

**Address:** 125 Snowman Lane  
North Pole 99705

**Phone Number:** (907) 488-2881