

ALASKA LEGISLATURE

2058

HOUSE and SENATE FINANCE COMMITTEE FILES, 1999 - 2000

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Point Baker Community

Community Drinking Water Project

PLANNING COMPLETED

Plans & Specifications:

Feasibility Plan: Yes

Comprehensive Study:

Is this a phased project: Yes

PROJECT COSTS

Administration:

Engineer/Inspect:

Construction:

Equipment:

Other: \$0

Total: \$0

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

No

Will federal money be used: No

Amount:

Source:

 Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: No

Drinking Water Compliance: Yes

O & M Costs Identified: No

User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Herb Hoyt

P. O. Box 31

Point Baker 99927

559-2204

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 37
Local Budget Priority: One
Population Served: 749

Community: Point Hope, City of
Project Title: Service Connections
Appropriation Requested: \$1,833,000

Project Description:

Project will provide plumbing upgrades to residences to allow hookup to water and sewer distribution and collection systems under development.

- A. Adding plumbing and fixtures to residences without these services.
- B. Upgrading vent, waste and water lines to code.
- C. Adding prefabricated toilet room modules to residences that cannot accommodate conventional toilets and sinks.
- D. Other related improvements necessary to accomplish plumbing upgrades.

Project Need:

There aren't enough residences with adequate plumbing facilities to hook up and utilize the water and sewer systems being installed. This places the new systems at risk, crippling the hydraulic and thermal integrity of the sewer mains. Currently many plumbing drains discharge gray water directly to the ground beneath the dwellings, allowing it to collect in pools which children play in, or to be absorbed or frozen. Most honey bucket users are without adequate bathing facilities or hand sinks. Water is often reused for handwashing several times by family members, promoting conditions for spread of water born disease. Honey bucket trucks often leak refuse on the roads as they collect buckets from homes, further causing health risks. Project funding would allow a managed plumbing upgrade program to occur, allowing the collection and distribution system startups in a scheduled and controlled basis.

Cost Estimated By:

Jeff Baker

North Slope Borough, CIPM

561-6605

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Point Hope, City of

Service Connections

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

Administration: \$64,930

Engineer/Inspect: \$130,000

Construction: \$52,570

Equipment: \$1,510,000

Other: \$75,500

Total: \$1,833,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

Ronald Ovick

P. O. Box 69

Barrow 99723

852-0200

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 37
Local Budget Priority: One
Population Served: 207

Community: Point Lay, Native Village of
Project Title: Service Connections
Appropriation Requested: \$486,000

Project Description:

Project will provide plumbing upgrades to residences to allow hookup to water and sewer distribution and collection systems under development.

- A. Adding plumbing and fixtures to residences without these services.
- B. Upgrading vent, waste and water lines to code.
- C. Adding prefabricated toilet room modules to residences that cannot accommodate conventional toilets and sinks.
- D. Other related improvements necessary to accomplish plumbing upgrades.

Project Need:

There aren't enough residences with adequate plumbing facilities to hook up and utilize the water and sewer systems being installed. This places the new systems at risk, crippling the hydraulic and thermal integrity of the sewer mains. Currently many plumbing drains discharge gray water directly to the ground beneath the dwellings, allowing it to collect in pools which children play in, or to be absorbed or frozen. Most honey bucket users are without adequate bathing facilities or hand sinks. Water is often reused for handwashing several times by family members, promoting conditions for spread of water born disease. Honey bucket trucks often leak refuse on the roads as they collect buckets from homes, further causing health risks. Project funding would allow a managed plumbing upgrade program to occur, allowing the collection and distribution system startups in a scheduled and controlled basis.

Cost Estimated By:

Jeff Baker

North Slope Borough, CIPM

561-6605

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Point Lay, Native Village of

Service Connections

PLANNING COMPLETED

Plans & Specifications: Yes

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

PROJECT COSTS

Administration:	\$17,561
Engineer/Inspect:	\$48,439
Construction:	\$400,000
Equipment:	
Other:	\$20,000
Total:	\$486,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Kenneth Towksjhea, Sr.

P. O. Box 69

Barrow

99723

852-0200

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 5
Local Budget Priority: One
Population Served: 100

Community: Port Alexander, City of
Project Title: Water System Upgrade
Appropriation Requested: \$198,000

Project Description:

This project will build:

- 1) A new 16' x 16' treatment building at the site of the current building to house:
 - a. install duplicate filtration capacity ,
 - b. Install a chlorine mixing tank,
 - c. install filter washing facilities
- 2) Replace 1,030 feet of existing transmission line from the treatment building to the beach with 8" SCR-13.5 HDPE pipe to achieve contact time.
- 3) Remove the existing "Y" connection from Dirty Dick Dam and route a permanent alternate line with a pump from the Dam to the inlet side of the treatment building.
- 4) Replace all existing PVC water main on the tract A side with 4" HDPE pipe.
- 5) Install meters at all service connections.

Project Need:

This project will bring Port Alexander into compliance with the mandated Surface Water Treatment Rule. Presently we have inadequate time in our distribution system from the chlorination unit to the first unit. With this project we will achieve proper contact time. This is a health concern for households, the school and for transients using the water services at the docks. It is also a concern for guests staying at the local lodges and B&B's and the fish-buying scow in the outer harbor.

Cost Estimated By:

Jon Menough
ADEC-VSW
Engineer
269-7604

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Port Alexander, City of

Water System Upgrade

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:
Engineer/Inspect: \$25,000
Construction: \$50,780
Equipment: \$88,520
Other: \$33,700
Total: \$198,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used:

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator:
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Jackie Garnick
P. O. Box 8068
Port Alexander 99836
568-2211, Fax: 568-2207

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 7
Local Budget Priority: One
Population Served: 190

Community: Port Graham, Native Village of
Project Title: Water Source Dev., Treatment and
Distr. System Upgrades and Study
Appropriation Requested: \$704,000

Project Description:

- This project will:
- 1) Conduct a water distribution system leak detection/repair study.
 - 2) Construct a 150,000 gallon bolted steel water storage tank (WST) at a higher elevation than the existing 50,000 gallon redwood tank.
 - 3) Modify the existing WTP to include dual 4- multi-media pressure filters with surface wash systems and 6 cartridge giardia barrier micro-filters.
 - 4) Build a 16' x 20' addition to the WTP to house new filters and filter assemblies.
 - 5) Install a new oil-fired space heater.
 - 6) Install an uninterruptible power source (UPS) in the WTP to cover frequent power outages.
 - 7) Provide maintenance tools and safety equipment for WTP operations and maintenance.

Project Need:

The existing, undersized redwood WST is leaking at approximately 10 gpm and is "floating" on the distribution system providing no disinfection contact time. An adequately sized, and properly piped WST will provide increased system pressure to a new elevated housing subdivision while ensuring sufficient detention volume for SWTR mandated requirements as well as fire flow reserves. The single, existing 36" diameter pressure sand filter is undersized for the increasing water usage by the rapidly growing population. This filter does not provide an adequate giardia barrier to the distribution system. If these improvements are not made, pressure boosting pumps will be required to provide water to the new subdivision, the system will not be in compliance with SWTR and continued growth of the economic base will cease due to inadequate supplies of potable water.

Cost Estimated By:

Brad Rea, P. E.

US PHS

729-3543

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Port Graham, Native Village of

Water Source Dev., Treatment and Distr.
System Upgrades and Study

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

Administration:	\$20,000
Engineer/Inspect:	\$88,884
Construction:	\$431,573
Equipment:	\$80,000
Other:	\$83,543
Total:	\$704,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used:	Yes	
Amount:	25,000	20,000
Source:	IHS	Port Graham Corp.
Date		
Received:	2998	1998

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

Fran Norman
P. O. Box 5510
Port Graham **99603**
284-2227 Fax: 284-2222

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 6
Local Budget Priority: One
Population Served: 269

Community: Port Lions, City of
Project Title: Water Dam Replacement
Appropriation Requested: \$750,000

Project Description:

This project will build a new dam on Branchwater Creek which will have a holding capacity of about 500,000 gallons for the City water system. The existing water supply collection dam is poor and needs to be replaced. It will upgrade the electrical sewer pump control panel at the lift station to current electrical code.

Project Need:

The dam facility was built 30 years ago. It is no longer adequate because of rotting timbers, beavers moving in and the holding capacity. The lift station needs a control panel, there have been frequent problems where the lift station has been inoperable due to rusting from the marine environment. The dam replacement project will upgrade the water treatment system for compliance with the surface water treatment rule.

Cost Estimated By:

Tom Moeller

US PHS

L&M Operations & Maintenance Consultant

273-0137

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Port Lions, City of

Water Dam Replacement

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$75,000
Engineer/Inspect:	
Construction:	\$525,000
Equipment:	\$150,000
Other:	
Total:	\$750,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Robert Wagner and Evelyn Mullan
P. O. Box 110
Port Lions 99550
545-2332

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 5
Local Budget Priority: One
Population Served: 85

Community: Port Protection Community Assn.
Project Title: Water Tank - Steel Retaining Wall
Appropriation Requested: \$35,000

Project Description:

A steel retaining wall will stabilize slide area at water tank site. This will stop hillside mud slides and prevent major damage to water tank and provide water pollution prevention.

Project Need:

If this project is not completed the foundation of the water tank will continue shifting causing cracks and water pollution plus requiring a major restoration of tank site and bulkhead construction. Not doing this preventive maintenance could cause deprivation of water for school, businesses and homesteads, thereby posing a health hazard and lack of sanitary facilities..

Cost Estimated By:

Kurt Egelhofer
ADEC-VSW
Engineer
269-7601

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Port Protection Community Assn.

Water Tank - Steel Retaining Wall

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$2,000
Engineer/Inspect:	\$2,000
Construction:	\$30,000
Equipment:	
Other:	\$1,000
Total:	\$35,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: No
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified:
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Poman S. Keleske
P. O. Box PPV
Ketchikan, AK **99950-0180**

489-2213

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 36
Local Budget Priority: One
Population Served: 65

Community: Rampart Village Council
Project Title: Water and Sewer
Appropriation Requested: \$450,000

Project Description:

This request is for funding to complete our current water and sewer project. So far a new water treatment plant and washeteria have been constructed. Money ran out to complete the project. Funding is still needed to connect the old well to the new washeteria as a backup source, repair lagoon dikes and fencing, repair/replace sewage outfall line to the Yukon River, remove approximately 1,200 feet of abandoned utilidor and dispose of it in the landfill.

Project Need:

The sewage line is broken in several places. It is a health problem because raw sewage leaks onto the ground. The lagoon dikes and fencing needs to be repaired so children would not be able to go around the lagoon area, since the lagoon is close to the school. A back up well is needed since we must close the laundromat because of low water during spring.

Cost Estimated By:

Thomas J. Moeller

PHS

729-3549

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Rampart Village Council

Water and Sewer

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: No
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration: \$10,000
Engineer/Inspect:
Construction: \$390,000
Equipment: \$50,000
Other:
Total: \$450,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes

Amount: 203,000 543,000

Source: PHS EPA

Date

Received: 1996 1996

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Margaret Moses

P. O. Box 67029

Rampart 99767

358-3312

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 36
Local Budget Priority: One
Population Served: 220

Community: Ruby, City of
Project Title: Feasibility Study and Preliminary
Design of Water and Sewer System
Appropriation Requested: \$150,000

Project Description:

A facilities master plan for Ruby was initiated a year ago by the PHS Office of Environmental Health and Engineering and is approximately 60% complete. A feasibility study will allow us to continue to move forward with extensive soil testing, sample drilling, and aerial mapping. This phase will also provide continued engineering assistance in studying the feasibility of pipes v/s individual wells, and then move into preliminary design considerations.

Project Need:

Over half (65%) of the residents haul their water and the most common form of waste disposal is an outhouse. While Ruby has not yet experienced an outbreak of Hepatitis or other illnesses related to sanitation, the potential exists. Approximately 75% of residents indicated they want a new water and sewer system but need more information about the types of systems available and the costs associated with the systems. This study will provide information about the feasibility of different systems and help the City Council make an informed decision about water and sanitation facilities.

Cost Estimated By:

Tom Moeller

PHS OEH&E

800-560-8637 ext. 3549

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Ruby, City of

Feasibility Study and Preliminary Design
of Water and Sewer System

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:

Feasibility Plan:

Comprehensive Study:

Is this a phased project:

Administration:

Engineer/Inspect:

Construction:

Equipment:

Other: \$150,000

Total: \$150,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used:

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: No

Drinking Water Compliance: No

O & M Costs Identified:

User Fee Ordinance Adopted:

Lucy Williamson

P. O. Box 90

Ruby 99768

468-4401

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38

Local Budget Priority:

Population Served: 300

Community: Russian Mission, City of

Project Title: Solid Waste Site

Appropriation Requested: \$829,000

Project Description:

This project will design and construct a new solid waste disposal site that complies with ADEC standards and permit requirements. In addition, the existing dump site will be closed out and reclaimed, and equipment to manage the site will be purchased.

Project Need:

The existing solid waste disposal site is basically an open dumping area that is not fenced or provided cover at any time. The site does not meet DEC standards. This results in a high potential for disease transmission by vectors such as rats and dogs. The open dump does not effectively control trash and other wastes which is a high safety issue for adults and children.

Cost Estimated By:

Robin Dalton, P. E.

IHS

729-3528

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Russian Mission, City of

Solid Waste Site

PLANNING COMPLETED

Plans & Specifications:

Feasibility Plan: Yes

Comprehensive Study:

Is this a phased project: Yes

PROJECT COSTS

Administration:

Engineer/Inspect:

Construction:

Equipment: \$829,000

Other:

Total: \$829,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

No

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: No

Drinking Water Compliance: Yes

O & M Costs Identified: Yes

User Fee Ordinance Adopted:

COMMUNITY CONTACT

Jim Duffy

P. O. Box 49

Russian Mission 99657

584-5111

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 38
Local Budget Priority: One
Population Served: 494

Community: Saint Mary's, City of
Project Title: Sewage Lagoon and Landfill
Planning
Appropriation Requested: \$152,000

Project Description:

We intend to locate and plan for a new landfill site prior to our lease expiration. We will plan our existing site close-out. We will also evaluate our 25-year old percolation lagoon to see if it has any useful life left, and examine alternatives for renovation, expansion or relocation.

Project Need:

Our landfill is less than one and a half miles from the St. Mary's airport and violates FAA regulations. One of the navigational aids is a few yards uphill of the landfill. The landfill lease expires in six years and will not be renewed. Our sewage lagoon may be near the end of its useful life. We want to be prepared to pursue alternative wastewater treatment before we have a crisis. Without a new landfill we will soon have no disposal site. Our lagoon may soon become both a regulatory and a public health problem.

Cost Estimated By:

Chuck Eggener
CE2 Engineers
Engineer
349-1010

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Saint Mary's, City of

Sewage Lagoon and Landfill Planning

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

Administration:

Engineer/Inspect: \$152,000

Construction:

Equipment:

Other:

Total: \$152,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

Walton B. Smith

P. O. Box 163

St. Mary's 99658

438-2617

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38
Local Budget Priority: One
Population Served: 150+

Community: Saint Mary's, City of
Project Title: Home Plumbing Renovation
Appropriation Requested: \$407,200

Project Description:

We will renovate and repair defective and/or missing home plumbing facilities in approximately 48 older houses in St. Mary's.

Project Need:

We have:

- 1) gray water and sewage leaks at some houses, plugged sewer lines due to reverse grade & house settling),
- 2) wasted water from broken/frozen home plumbing in the winter, as well as constant water running to avoid freeze-ups,
- 3) honey bucket use even with in-house plumbing. Consequences: sewage and gray water spills, higher consumption and utility bills for the city.

Cost Estimated By:

Walton B. Smith
City of St. Mary's
City Administrator
438-2515

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Saint Mary's, City of

Home Plumbing Renovation

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:

Feasibility Plan: Yes

Comprehensive Study:

Is this a phased project: Yes

Administration:

Engineer/Inspect:

Construction: \$407,200

Equipment:

Other:

Total: \$407,200

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: Yes

Amount: 80,000

Source: PHS-AANHS

Date

Received: FFY2000

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

Walton B. Smith

P. O. Box 163

St. Mary's 99658

438-2617

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38
Local Budget Priority: One
Population Served: 350

Community: Saint Michael, City of
Project Title: All-Season Fill Line
Appropriation Requested: \$1,059,000

Project Description:

This project scope is Phase II - construction of an all-season water fill line which will include 18,500 feet of arctic pipe

Project Need:

The community will soon have a piped water and sewer system. At that time the community's water use should increase by five times. This will mean the community will run out of water by December. The alternatives are either an all-season fill line or additional storage capacity. The all-season fill line will cost the least to build and operate.

Cost Estimated By:

A. Mark Anderson

USPHS

729-3533

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Saint Michael, City of

All-Season Fill Line

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration: \$95,000
Engineer/Inspect: \$55,000
Construction: \$909,000
Equipment:
Other:
Total: \$1,059,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: Yes

Amount: 1,020,000

Source: PHS/IHS

Date

Received: 1997

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Virginia Washington

P. O. Box 70

St. Michael 99659

923-3222

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 38
Local Budget Priority: One
Population Served: 285

Community: Savoonga, City of
Project Title: Water and Sewer Project
Appropriation Requested: \$2,363,000

Project Description:

The project will bring water and sewer to the west service area. 50 residential and 6 public buildings will be served with water and sewer. 1,000 meters of insulated utilidor mainline housing both water and sewer mains and approximately 1260 meters of arctic service line will be installed.

Project Need:

This project is needed to prevent the following problems in our community. Honey bucket spillage on roads and in residential areas which causes:

- a. unsanitary conditions in households,
- b. Hepatitis B outbreaks due to unsanitary conditions
- c. control the outbreaks of common diseases, viruses and parasites that can be attributed to the use of honey buckets and commercial showers.

If Savoonga does not receive this grant, our community will continue to face these common health problems.

Cost Estimated By:

Pierre Costello

Alaska Area Native Health Services

248-2157

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Savoonga, City of

Water and Sewer Project

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration: \$400,000
Engineer/Inspect: \$60,000
Construction: \$1,835,000
Equipment: \$45,000
Other: \$23,000
Total: \$2,363,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

 Yes

Will federal money be used: Yes
Amount: 376,000 500,000
Source: IHS housing HUD Offsite
Date
Received: 1999 1995

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified:
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

**Adeline Pungowiye, Savoonga Joint
Utilities**
P. O.Box 80

Savoonga 99769

984-6634

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38
Local Budget Priority: One
Population Served: 452

Community: Scammon Bay, City of
Project Title: Water Trtmt Plant Rehab., Solid
Waste O&M Equip. and svc. lines
Appropriation Requested: \$800,000

Project Description:

This project will provide a packaged water treatment plant to meet current surface water treatment regulations. This project will also provide a CAT 450 and dump truck for maintenance of the funded solid waste site and access road. The new solid waste site is funded by IHS and the access road by ISTEA. The community has also requested that 12 individual water and sewer service lines be replaced which have been damaged due to freezing.

Project Need:

According to the surface water treatment regulation the intent of the law is to protect public health. By meeting these regulations the water treatment plant rehabilitation project will be addressing a public health hazard. The O&M equipment will be used to operate and maintain the new solid waste site thus eliminating the current problem of solid waste pollution and future blow and tipping pollution problems. The replacement of the 12 individual service lines also addresses a public health issue.

Cost Estimated By:

Dennis Wagner

IHS

729-3531

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Scammon Bay, City of

Water Treatment Plant Rehab., Solid Waste
O&M Equip. and svc. lines

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:

Feasibility Plan: Yes

Comprehensive Study:

Is this a phased project: Yes

Administration: \$81,000

Engineer/Inspect: \$38,000

Construction: \$450,000

Equipment: \$231,000

Other:

Total: \$800,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes

Amount: 2.65 million 425,000

Source: DOT & IHS
ISTEA AN96-L53

Date
Received: 1996 1996

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified: No

User Fee Ordinance Adopted: Yes

Tony Ulak

P. O. Box 126

Scammon Bay 99662

729-3531

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 37
Local Budget Priority: One
Population Served: 746

Community: Selawik, City of
Project Title: Water and Sewer Project, Phase II
and III
Appropriation Requested: \$3,500,000

Project Description:

This project will provide for completion of Phase II, including piped water and sewer to 1-1, 1-2 and 1-3 service areas, and W-3, I-3 and East service areas as defined in the 1991 community facilities master plan. W-3, 1-3, and East Areas are the final areas needing service. The project will result in all homes having piped water and sewer. If the total amount of funding is not available, this request could be sub-phased into four relatively equal increments.

Project Need:

A health hazard does exist in Selawik. Selawik has documented cases of hepatitis. If the project is not funded, there will continue to be approximately half the homes (68) with honey buckets.

Cost Estimated By:

Darryl D. Alleman, P. E.

PHS

729-3548

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Selawik, City of

Water and Sewer Project, Phase II and III

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration: \$70,000
Engineer/Inspect: \$0
Construction: \$3,430,000
Equipment:
Other:
Total: \$3,500,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: Yes

Amount: \$9,016,583

Source: FmHA, IHS,
EPA
Date

Received: 1990-98

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Bert Griest

P.O. Box 99

Selawik

99770

484-2132

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 3
Local Budget Priority: One
Population Served: 285

Community: Seldovia, City of
Project Title: Extend Water Systems
Appropriation Requested: \$721,000

Project Description:

The project will open up 36 new lots for construction and upgrade 20 existing lots with an upgraded water system.

Project Need:

Cost Estimated By:

Dave Martin

City of Seldovia

234-7878

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Seldovia, City of

Extend Water Systems

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$72,100
Engineer/Inspect:	\$144,200
Construction:	\$486,675
Equipment:	\$18,025
Other:	
Total:	\$721,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: No
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Dave Choquette
P. O. Drawer B
Seldovia 99663

234-7878

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 3
Local Budget Priority: One
Population Served: 285

Community: Seldovia, City of
Project Title: Extend Sewer Lines
Appropriation Requested: \$901,000

Project Description:

The project will construct 2,120 feet of 8 inch sewer line and 56 lots will be opened for development by the City.

Project Need:

Cost Estimated By:

Dave Martin

City of Seldovia

234-7878

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Seldovia, City of

Extend Sewer Lines

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration: \$90,200
Engineer/Inspect: \$180,200
Construction: \$612,575
Equipment: \$18,025
Other:
Total: \$901,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: No
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Dave Choquette
P. O. Drawer B
Seldovia 99663
234-7878

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 3

Local Budget Priority:

Population Served:

Community: Seldovia, City of

Project Title: Repair and Renovation of Water System

Appropriation Requested: \$0

Project Description:

Note: Community did not provide any estimate of costs or indicate the amount of the appropriation requested.

Seldovia is currently working towards compliance with SWTR by filtration avoidance. Deficiencies exist in our aging water system. Seldovia should not use over 30,000 gpd, but we are using over 220,000 gpd. We are finding it increasingly difficult to comply with and complete the FY95 grant. The project scope is to locate, repair and/or replace leaking pipe and attachments in our existing water distribution system; repair mechanical and electrical systems in our water buildings; upgrade and repair our storage tank; and identify water consumption habits of residents and businesses on the water system. Upgrades will allow us to comply with the surface water rule.

Project Need:

Our main concern is public health. When the system is leaking, or is shut down, we face the very real danger of cross contamination, the hazard being ground water polluted by septic tank systems, and leaks from buildings. Storage tank repair will improve efficiency and give us a larger volume of treated water. The required amounts of chlorine necessary at this time to disinfect is alarming, given the increased concerns of high dosage use. Lower chlorine doses, shorter holding times and flexibility with the levels of the tank will improve system efficiency and reduce THM potential. High levels of chlorine are running into the salt water. Excess water demands create more wear on the existing water system and is taxing our sewer lines. This excess leakage puts stress on our water source. Inability to provide more than two days of reserve water places us in a dangerous situation if we lose our source. Crypto has been found by DEC in the lower dam area so it is no longer acceptable as a secondary source.

Cost Estimated By:

Dave Choquette

City of Seldovia

City Manager

234-7643

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Seldovia, City of

Repair and Renovation of Water System

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

Administration:

Engineer/Inspect:

Construction:

Equipment:

Other:

Total:

Community Resolution passed
requesting money through VSW and
indicating a priority?

No

Will federal money be used: Yes

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator:

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

Dave Choquette

P. O. Drawer B

Seldovia

99663

234-7643

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 38
Local Budget Priority: One
Population Served: 235

Community: Shaktoolik, City of
Project Title: Water Tank Renovation
Appropriation Requested: \$142,200

Project Description:

The City's 848,000 gallon water tank must be repaired, including sandblasting to remove rust corrosion, and painting the interior with epoxy based paint; I-Beams require welding, sandblasting and painting, and the bands around the tank must be replaced. The foam insulation must be replaced, along with the I-beam bolts. This tank is the only water storage tank for the community.

Project Need:

Currently we do not have a certified operator. A submersible pump is needed for cleanup so that the City and its consumers will have continuous access to water. A comprehensive plan has been completed documenting the need for these improvements. This plan is a priority and has been discussed by the community, Council, water plant operator, Public Health Service, and OEH personnel.

Cost Estimated By:

Roger Burleigh

ADEC-VSW

Engineer

269-7606

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Shaktoolik, City of

Water Tank Renovation

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$14,200
Engineer/Inspect:	\$2,000
Construction:	\$3,000
Equipment:	\$100,000
Other:	\$23,000
Total:	\$142,200

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: No
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Edgar Jackson
P. O. Box 10
Shaktoolik 99771
955-3441

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

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Shaktoolik, City of

Water Tank Renovation

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$14,200
Engineer/Inspect:	\$2,000
Construction:	\$3,000
Equipment:	\$100,000
Other:	\$23,000
Total:	\$142,200

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: No
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Edgar Jackson

P. O. Box 10

Shaktoolik 99771

955-3441

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 38
Local Budget Priority: One
Population Served: 161

Community: Sheldon Point, City of
Project Title: Community Water & Sewer System,
Phase I
Appropriation Requested: \$1,311,500

Project Description:

This project extends the 1996-97 sanitation study and facility improvement plan to eliminate the present watering point and honey bucket system. by building: 1) Water treatment plant/washeteria complex; 212,000 gal. water storage tank, upgraded raw water transmission line and intake; 2) Utility line causeway across Swan Lake, and a sewage force main to the proposed sewage lagoon, and upgrade of pond to lagoon. 3) Above ground vacuum sewer system, and circulating water distribution system. An existing dilapidated raw water transmission line and intake will be replaced with a new intake and pile supported insulated pipeline (1230 lf) to bring water from the Yukon River to the new water treatment plant and washeteria. This line avoids the school and sewage lagoon. A 700 ft. gravel causeway will be built across Swan Lake for water and sewer lines to the Swan Lk. Subdivision.

Project Need:

This project ensures a safe, dependable source of water for the new water treatment plant. The existing pipeline is suffering from years of harsh weather and foundation settlement. The hazards and deficiencies include exposed electrical wires, an unsanitary water intake, failing pipe supports and inadequate freeze protection system. Building the causeway will enable the community to have a support system for future water distribution loop, vacuum sewer system and sewage force main to a remote sewage lagoon. The existing sewage lagoon 's bin wall dikes have settled, causing raw sewage to flow directly into Swan Lake. This lagoon can be abandoned when the causeway and piping systems are built. The consequence of not doing this project would cause a greater flow of sewage into Swan Lake and prevent implementation of the piped water/sewer system to the residents. Raw sewage flow into a lake in the middle of town is an obvious threat to public health.

Cost Estimated By:

Chuck Eggener
Eggener Consulting Engineers
Engineer
349-1010

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Sheldon Point, City of

Community Water & Sewer System,
Phase I

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$19,000
Engineer/Inspect:	\$55,000
Construction:	\$1,146,500
Equipment:	\$56,000
Other:	\$35,000
Total:	\$1,311,500

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes

Amount: 98,000

Source: USDA-RDA

Date

Received: 1998

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified:
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Carn Finch

P. O. Box 26

Sheldon Point

99666

498-4226

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 37
Local Budget Priority: One
Population Served: 260

Community: Shungnak, City of
Project Title: Water and Sewer Improvements,
Phase I
Appropriation Requested: \$1,816,000

Project Description:

The feasibility and master plan prioritized and phased Shungnak's needs. Ph. I includes

1. Safety improvements, mechanical, and electrical modifications to the water treatment plant to bring it up to code, improve water quality by adding a bag/cartridge filtration unit downstream of the pressure filters to comply with SWTR, repair and rehabilitation of the emergency generator, and increased chlorine contact time in the water storage tank by constructing baffles to prevent short circuiting;
- 2) Safety fence on sewage lagoon will be repaired or replaced;
- 3) A new water infiltration gallery/intake structure, and
- 4) replace approximately 6,400 feet of sewer outfall line that are 25 year sold, cracked, broken, poorly sloped and clogged.

Project Need:

The existing water treatment system does not meet code or the latest SWTR. There is no source of emergency power, no spare water circulation pumps, the filter media is old and deteriorated, and the diffuser lines in the water storage tank are broken, limiting chlorine contact time. The water infiltration gallery was destroyed several years ago by ice, and a makeshift, labor intensive, expensive collection process is used. The fence around the sewage lagoon is in urgent need of repair/replacement. The gravity sewer mains are perpetually clogged, resulting in sewage being discharged onto the ground in residential and public areas. The sanitation and environmental conditions have been noted by Maniilaq Health Center professionals.

Cost Estimated By:

Steward G. Osgood, P. E.
NANA/DOWL Joint Venture
Engineer
562-2000

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Shungnak, City of

Water and Sewer Improvements, Phase I

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:
Engineer/Inspect: \$237,000
Construction: \$1,579,000
Equipment:
Other:
Total: \$1,816,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Helen Mitchell

P. O. Box 59

Shungnak 99773

437-2161

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 36
Local Budget Priority: One
Population Served: 120

Community: Stevens Village IRA Council
Project Title: Solid Waste Improvements
Appropriation Requested: \$660,000

Project Description:

This solid waste project will construct a new, permittable landfill with a 30 year life.

Project Need:

The current landfill is very close to the end of its useful life and will overflow its capacity soon. The current site is an open dump that cannot meet Class III permit requirements. Both of these conditions need to be fixed to improve sanitation.

Cost Estimated By:

Lynn Marino
ADEC-VSW
Engineer
269-7502

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Stevens Village IRA Council

Solid Waste Improvements

PLANNING COMPLETED

Plans & Specifications:

Feasibility Plan: Yes

Comprehensive Study:

Is this a phased project: Yes

PROJECT COSTS

Administration:	\$26,000
Engineer/Inspect:	\$50,000
Construction:	\$360,000
Equipment:	\$148,000
Other:	\$76,000
Total:	\$660,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
 Certified Primary Operator: No
 Certified Backup Operator: No
 Drinking Water Compliance: Yes
 O & M Costs Identified: Yes
 User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Jay Stevens
 P. O. Box 16
 Stevens Village 99774
 478-7420

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 36
Local Budget Priority: One
Population Served: 63

Community: Takotna Tribal Council
Project Title: Solid Waste Improvements
Appropriation Requested: \$221,800

Project Description:

This project will close the old open dump and construct a new, permitted landfill with a burn box-type incinerator and a complete fence. An excavator will be purchased for the construction and the operation of the new landfill because the soil is suitable for trenches.

Project Need:

The current landfill has reached its capacity and is an open dump where waste is disposed of in an overfilled shallow pit, scattered over a large area and outside of the fenced enclosure. The current site attracts animals and these animals in turn can spread disease. The current site is not permitted and the new site would be permitted.

Cost Estimated By:

Lou Butera

Eagle River Engineering Services

696-7375

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Takotna Tribal Council

Solid Waste Improvements

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$9,500
Engineer/Inspect:	\$4,500
Construction:	\$39,800
Equipment:	\$150,000
Other:	\$18,000
Total:	\$221,800

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: No
O & M Costs Identified: Yes
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

George Miller

General Delivery

Takotna

99675-9999

298-2212 or 345-0231

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 36
Local Budget Priority: One
Population Served: 120

Community: Tanacross, Village of
Project Title: Water Facility Improvement
Appropriation Requested: \$2,200,000

Project Description:

This project will construct a 120,000 gallon water storage tank, refurbish the existing water plant and washeteria, replace valves, services and hydrants on a water loop; extend water and sewer service to Third Avenue and install sewer services.

Project Need:

Installation of sewer services is the final phase of sewer construction for the core area of town. Existing community drain fields have overflowed resulting in both pollution and public safety concerns. Existing water lines are 20 years old and near the end of their useful life. Residents on Third Avenue have no water or sewer service, resulting in a public health concern.

Cost Estimated By:

David Yanoshek, P. E.

CRW Engineering Group

562-32352

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 36
Local Budget Priority: One
Population Served: 350

Community: Tanana, Too'gha, Inc.
Project Title: Sanitation Improvements, Phase II
Appropriation Requested: \$2,000,000

Project Description:

This project will be to

- 1) complete the ongoing construction of a new water treatment plant and laundry; and
- 2) construct piped water and sewer in half of downtown Tanana.

Project Need:

Tanana is currently served by a very limited 20-year old piped water and sewer system and water plant/laundry which has outlived its usefulness. Most residents do not have access to the piped system, using privies and honey buckets for sewage disposal. They must haul water from the watering point and laundry. Last year the sewer system froze, resulting in discontinued service to the City office and the head start building. Two years ago one of the sewer lines separated. Due to a design error, a sewer line runs directly over the water storage tank in the water treatment plant. These are potentially very serious health and pollution hazards. Too'gha is currently building a new water plant/laundry. This request for grant money is to complete the new building and to install the first phase of pipes to serve downtown homes and businesses. When the new piped system is complete the old pipes will be removed or abandoned in place and privies and honey buckets will be eliminated.

Cost Estimated By:

Jordan Suhr, PE, and Lyn Marino

Montgomery Watson and ADEC-VSW
Engineers
266-1124 and 269-7602

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Tanana, Too'gha, Inc.

Sanitation Improvements, Phase II

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:
Engineer/Inspect: \$200,000
Construction: \$1,460,000
Equipment:
Other: \$340,000
Total: \$2,000,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes
Amount: 329,000 1,125,000
Source: EPA ISA 95 PHS 95-L44
Date
Received: 1995 1995

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified:
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Mike Andon
P. O.Box 190
Tanana 99777
366-7209, Fax: 366-7227

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 35
Local Budget Priority: One
Population Served: 100

Community: Tatitlek, Native Village
Project Title: Water Project
Appropriation Requested: \$1,090,000

Project Description:

This project will fund the second phase of a two-phase water project. This phase will construct an addition to the existing water treatment plant (WTP). The addition will house new filtration equipment to bring the village into compliance with State regulations for the treatment of surface waters. The equipment will include 3-4 ft. diameter multimedia filters, equipment for polymer injection, streaming current detection, process monitoring and instrumentation, electrical upgrades including a UPS inverter, and exterior and interior plumbing improvements. Other items of work include a leak detection survey and major leak repairs, dam and intake improvements, access trail improvements, water main and distribution system reconfigurations to improve contact time and water pressure, operation and maintenance chemicals, supplies and equipment.

Project Need:

The community water system does not comply with the Surface Water Treatment Rules and State of Alaska regulations. Giardiasis, gastrointestinal, and other viral infections have documented occurrences in water systems not in SWTR compliance. The existing system does not have the capability to achieve regulatory requirements for three log removal or inactivation of giardia cysts or 4-log removal or inactivation of viruses. The water distribution system and water storage facilities cannot provide adequate disinfection contact time. There are documented cases of gastroenteritis of an unknown ideology with symptoms compatible with Giardiasis. The village has in the past issued boil water notices.

Cost Estimated By:

Dale Mossefin

US PHS

729-3538

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Tatitlek, Native Village

Water Project

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:
Engineer/Inspect: \$158,730
Construction: \$809,800
Equipment:
Other: \$121,470
Total: \$1,090,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes
Amount: 50,000 463,562
Source: IHS HUD-CDBG
Date
Received: FY97 FY97

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Gary Kompkoff
P. O. Box 171
Tatitlek 99677
325-2311 Fax: 325-2298

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38
Local Budget Priority: One
Population Served: 270

Community: Teller, City of
Project Title: Washeteria Upgrades & Funding
Appropriation Requested: \$26,000

Project Description:

This project will upgrade washeteria equipment by purchase of the following to supplement existing equipment:

- 1) Two new SC35 washers;
- 2) One new Royal 200 soap dispenser;
- 3) Two new System IV coin operated shower control systems;
- 4) One new Bock hydro-extractor 216.

Project Need:

This project is needed because the existing equipment is very old and has been in continuous operation for 14 years. Two washers and one dryer are now unusable. This new equipment will be installed with better and more efficient lint traps. For the past several years, the Teller school has been flooded with wastewater due to clogged pipes occurring during operation of the laundry. This flooding poses a serious problem to the school children and we hope to eliminate and minimize this health hazard by installing new equipment and more efficient lint traps in the laundry.

Cost Estimated By:

Willis O. Kugzruk

City of Teller

642-3401

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Teller, City of

Washeteria Upgrades & Funding

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: No
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration: \$660
Engineer/Inspect:
Construction: \$1,972
Equipment: \$22,800
Other: \$568
Total: \$26,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Charlie Lee

P. O. Box 548

Teller

99778

642-3401 Fax: 642-2051

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 5
Local Budget Priority: One
Population Served: 525

Community: Thorne Bay, City of
Project Title: Water Plant Upgrade Project
Appropriation Requested: \$110,000

Project Description:

This project will complete needed upgrades to the Thorne Bay water treatment plant to bring it back into compliance with the Safe Drinking Water Act Reauthorization regulations. Upgrades include installation of an in-line turbidimeter, chart recorder, portable turbidimeter, upgraded backwash pump, backwash flow regulators, process flow meter, streaming current meter and controller, injection quills, pulsation dampers, additional sampling ports, new chemical feed pumps, differential pressure gauges, and automatic polymer mixing system. The project also includes miscellaneous piping and wiring, lab testing, engineering and inspection, and construction contingency.

Project Need:

The project is needed to bring the Thorne Bay water treatment plant back into compliance with the Safe Drinking Water Act. The most serious compliance problem is the Disinfectants, Disinfection Byproducts Rule. Thorne Bay water contains high amounts of trihalomethanes due to the presence of high organics in its natural raw water. The SDWA targets removal of trihalomethanes in drinking water as a public health hazard.

Cost Estimated By:

Kurt Z. Egelhofer, P. E.

ADEC-VSW

Engineer

269-7601

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Thorne Bay, City of

Water Plant Upgrade Project

PLANNING COMPLETED

Plans & Specifications: No

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

PROJECT COSTS

Administration:	
Engineer/Inspect:	\$25,000
Construction:	\$24,500
Equipment:	\$49,150
Other:	\$11,350
Total:	\$110,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operator: Yes

Drinking Water Compliance: Yes

O & M Costs Identified: Yes

User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Ginny L. Tierney

P. O. Box 19110

Thorne Bay **99919**

828-3380

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 39
Local Budget Priority: One
Population Served: 850-90
0

Community: Togiak, City of
Project Title: Comprehensive Study of Sewer
Treatment Lagoon Upgrade
Appropriation Requested: \$50,000

Project Description:

This comprehensive study of Togiak's sewer treatment lagoon upgrade would determine the actual costs. The project would replace or repair sewer force main to the sewer lagoon. The existing sewer lagoon would be drained and the sewage sludge removed to the landfill. A secondary sewage treatment lagoon would be built to provide additional treatment. The 25 year old fence which does not adequately protect the sewage lagoon would be replaced with a new fence to ensure that unauthorized access is not permitted. This project would upgrade the sewage treatment facility to adequately serve the community for the next 25-50 years.

Project Need:

The existing sewage lagoon has not been upgraded in the past and was built to provide sewage treatment for a community of 400-500 people. Togiak's population is now 850+ and is growing at a rapid rate. The existing lagoon overflows untreated sewage in the winter months, causing a pollution hazard. The snow machine trail to the new Togiak Heights subdivision goes through this area of pollution and several snow machines have been stuck in 1-2 feet of sewage overflow. This results in a health hazard as potentially infectious pollution is contracted by the people traveling through this overflow to their homes, children and families.

Cost Estimated By:

Darryl J. Thompson

City of Togiak

493-5065

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Togiak, City of

Comprehensive Study of Sewer
Treatment Lagoon Upgrade

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:
Feasibility Plan:
Comprehensive Study:
Is this a phased project: Yes

Administration: \$50,000
Engineer/Inspect:
Construction:
Equipment:
Other:
Total: \$50,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used:
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

Darryl J. Thompson
P. O. Box 99
Togiak 99678

493-5820 or 5065

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 36
Local Budget Priority: One
Population Served: 480

Community: Tuluksak Native Community
Project Title: Water Storage Tank
Appropriation Requested: \$180,500

Project Description:

Tuluksak needs a large water storage tank for the washeteria and water plant. Currently the water plant serves the whole community including both schools, the washeteria, the watering point, and clinic. Our usable water storage is less than 7,000 gallons. Repairs have been made to the washeteria, but it cannot be operated due to lack of water. In the future we hope for a better sanitation system, which will use more water and will need water storage. Our water quality is very poor, so all the water must be treated at the water plant, which also needs more water storage.

Project Need:

We need safe water for drinking, showering, and laundry. The water storage tank is starting to have problems like holes in the side. Since the washeteria has opened, there has not been enough water to keep it open on a regular basis. Our level of sanitation is very poor. We must haul our own water from the watering point. Honey bucket waste is dumped into disposal pits. We need enough water for the community so people are able to wash hands, clothes and take showers.

Cost Estimated By:

Sammy J. Peter, Sr.

Tuluksak Native Community

695-3420

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Tuluksak Native Community

Water Storage Tank

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration: \$7,500
Engineer/Inspect: \$18,000
Construction: \$130,000
Equipment:
Other: \$25,000
Total: \$180,500

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: Yes

Amount: 50,000

Source:

Date

Received: 1991

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: No
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Sammy Peter

P. O. Box 95

Tuluksak

99679-0095

695-6420, Fax: 695-6932

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 39
Local Budget Priority: One
Population Served:

Community: Tuntutuliak Community Svcs. Assn.
Project Title: Washeteria Upgrade
Appropriation Requested: \$50,000

Project Description:

This project will accomplish the following:

- 1) Design and construct a level control system to automate the filling of the water tank.
- 2) Design and construct the laundry service area upgrade, including:
 - a) removal of mens' lavatory room to make room for additional laundry units;
 - b) purchase and install 4 washing machines, and
 - c) purchase and install an extractor.
- 3) Survey and redesign the waste heat system from the power plant to the washeteria.

Project Need:

Cost Estimated By:

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Tuntutuliak Community Svcs. Assn.

Washeteria Upgrade

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications:

Feasibility Plan:

Comprehensive Study:

Is this a phased project:

Administration:

Engineer/Inspect:

Construction: \$34,000

Equipment: \$16,000

Other:

Total: \$50,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Will federal money be used:

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: No

Certified Backup Operator: No

Drinking Water Compliance:

O & M Costs Identified:

User Fee Ordinance Adopted:

Robert Enoch

P. O. Box 8127

Tuntutuliak 99680

256-2529

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 39
Local Budget Priority: One
Population Served: 379

Community: Tuntutuliak Community Svcs. Assn.
Project Title: Prepayment Collection System
Appropriation Requested: \$104,300

Project Description:

This project's purpose is to utilize a pay-as-you-go payment system that can be used successfully in a small remote community as a means of ensuring adequate monies to operate and maintain village water, sewer and solid waste systems. The pay-as-you-go PowerStat system will be used in conjunction with collections for electric utility services provided by Tuntutuliak Community Services Association (TCSA).

Project Need:

This grant request reflects a "turn-key" installation incorporating all costs associated with supply and installation of 90 PowerStat systems. This includes equipment, material, freight, transportation, living expenses, labor, training, startup and all other direct and indirect costs associated with the project.

Cost Estimated By:

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Tuntutuliak Community Svcs. Assn.

Prepayment Collection System

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes

Feasibility Plan:

Comprehensive Study:

Is this a phased project:

Administration:

Engineer/Inspect:

Construction:

Equipment: \$104,300

Other:

Total: \$104,300

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used:

Amount:

Source:

Date

Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator:

Certified Backup Operator:

Drinking Water Compliance:

O & M Costs Identified: Yes

User Fee Ordinance Adopted:

Robert Enoch

P. O. Box 8127

Tuntutuliak 99680

256-2529

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 38
Local Budget Priority: One
Population Served: 340

Community: Tununak Traditional Council
Project Title: Flush tank and Haul
Appropriation Requested: \$815,000

Project Description:

This project will provide water and sewer service to 30 homes in Tununak. The Tununak Traditional Council and the IRA Council are committed to ridding our community of honey buckets. This project will be a major step in that objective, following the Sanitation Feasibility Study and Environmental Review done in March, 1993.

Project Need:

The honey bucket is a health hazard in the extreme to our people. The stink and disease spread in our community by honey buckets is unimaginable to most people. The pollution is rampant and makes its way into the air and our waters. If this project is not done our people will continue to suffer from oral-fecal. disease transmission.

Cost Estimated By:

Shaun Baron

Cowater Alaska, Inc.

522-5511

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Tununak Traditional Council

Flush tank and Haul

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

Administration:	\$16,200
Engineer/Inspect:	\$186,300
Construction:	\$607,500
Equipment:	\$5,000
Other:	
Total:	\$815,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: Yes
Amount: 600,000
Source: EPA
Date
Received: 1992& 93

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

Peter Pitka
P. O. Box 97
Tununak **99681**
652-6312

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 39
Local Budget Priority: One
Population Served: 59

Community: Twin Hills Village Council
Project Title: Sewer and Water Improvements
Appropriation Requested: \$726,200

Project Description:

This project will repair the existing piped sewer system, provide fencing around the sewage lagoon, repaint and reinsulate the water storage tank, replace 23 water service lines and extend water and sewer service to the new housing. These improvements are proposed as a necessary community infrastructure repair in preparation for a funded housing development. This development includes 16 new homes, 11 of which will be on lots 600 to 1100 feet south of existing housing.

Project Need:

- 1) The existing sewage system has settled and may be broken in the final leg to the lagoon. This has caused the system to back up and creates the potential for ground water contamination.
- 2) The fence around the lagoon has fallen over in many areas due to frost jacking up the posts. These posts need to be reset to provide a barrier for children playing near the lagoon.
- 3) Extending water and sewer to the new houses will provide safe sanitary conditions for all homes in the community. Individual well and septic systems for the new houses are not safe because the lots are only .5 acres, creating potential ground water contamination problems.

Cost Estimated By:

Daniel Reitz, P. E.

PHS

729-3500

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Twin Hills Village Council

Sewer and Water Improvements

PLANNING COMPLETED

Plans & Specifications: No
 Feasibility Plan: No
 Comprehensive Study: No
 Is this a phased project: Yes

PROJECT COSTS

Administration:	\$20,000
Engineer/Inspect:	\$30,000
Construction:	\$626,200
Equipment:	\$50,000
Other:	
Total:	\$726,200

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No
 Amount:
 Source:
 Date
 Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
 Certified Primary Operator: Yes
 Certified Backup Operator: Yes
 Drinking Water Compliance: Yes
 O & M Costs Identified: No
 User Fee Ordinance Adopted: No

COMMUNITY CONTACT

George Pleasant, Sr.
 P. O. Box TWA
 Twin Hills 99576
 525-4821

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 40
Local Budget Priority: One
Population Served: 75

Community: Ugashik Traditional Village Council
Project Title: Landfill
Appropriation Requested: \$3,000,000

Project Description:

This project will build a sanitary landfill which will be located approximately one mile east of Ugashik Village. This landfill will be enclosed by a fence. An incinerator has been built and will be placed at the landfill. We plan to have a trained utility manager. All solid waste will be separated.

Project Need:

At the present time each household has garbage pits on their property which are filled with all types of solid waste, including toxic waste materials. With a sanitary landfill we can control and reduce environmental pollution. We also need a place for storing toxic wastes.

Cost Estimated By:

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Ugashik Traditional Village Council

Landfill

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan:
Comprehensive Study:
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$30,000
Engineer/Inspect:	\$510,000
Construction:	\$2,100,000
Equipment:	\$300,000
Other:	\$60,000
Total:	\$3,000,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: No
Certified Primary Operator: No
Certified Backup Operator: No
Drinking Water Compliance: No
O & M Costs Identified: No
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Nancy L. Flensburg
Ugashik via
King Salmon **99613**

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 23
Local Budget Priority: One
Population Served: 784

Community: Unalakleet, City of
Project Title: Water Storage Tank Rehabilitation &
Water Treatment Plant Rehab.
Appropriation Requested: \$260,000

Project Description:

1. Water Treatment Plant rehabilitation - replace copper piping with non-corrosive piping, remove non-functioning controls, rewire to comply with National Electric Code and AML/JIA Safety Inspection 7-98 (98-33).
2. Water Storage Tank Rehabilitation - original construction did not provide for cathodic protection. Install cathodic protection in 1 MG reservoir to extend steel tank life, repair exterior tank corrosion, replace foam coating with "shark skin" coating, eliminate surface punctures, install safety ladder and handrails.

Project Need:

1. This project is necessary to comply with ADEC's Lead and Copper Requirements, 18 AAC 80.601 and 18 AAC 80.875. The existing piping will be replaced with plumbing material that conforms with the current edition of National Sanitation Foundation (NSF) Standard 61. The existing copper lines will continue to corrode and develop leaks.
2. Water Tank Rehabilitation will provide compliance with ANSI/NSF Standards and with OSHA Safety Standards. Without cathodic protection and new exterior cover, corrosion both on the interior and exterior will accelerate. Without safety equipment, the potential for personal injury exists. Note: This project replaces funding diverted to water line freeze up in January, 1997 as shown on Resolution 97-01 and 97-03.

Cost Estimated By:

Greg Magee

Montgomery Watson

248-8883

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Unalakleet, City of

Water Storage Tank Rehabilitation &
Water Treatment Plant Rehab.

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$43,050
Engineer/Inspect:	\$29,400
Construction:	\$178,500
Equipment:	
Other:	\$9,050
Total:	\$260,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

Yes

Will federal money be used:	Yes
Amount:	603,000 239,400
Source:	USDA-RDA USDA-RDA
Date	
Received:	1994 1997

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified:
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

David L. Soulak

P. O. Box 28

Unalakleet 99684

624-3531

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 36

Local Budget Priority:

Population Served: 106

Community: Upper Kalskaq, City of

Project Title: Sewage Disposal Ph. III for George Morgan High School

Appropriation Requested: \$2,208,000

Project Description:

This project will provide sewage disposal for George Morgan Senior High School. The high school's current septic tank and leach field system has failed resulting in discharge of raw sewage into the school yard. In addition to the school this project will serve the community building and residential units as far south as the Parents Complex which consists of two residences, a store and three rental units.

Project Need:

This project is needed to prevent health problems within the High School. It would delete the possibility of the E coli bacteria from infecting our students and staff, because it would eliminate the raw sewage in the school.

Cost Estimated By:

Jordan Suhr

Summit Consulting

**Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water**

Upper Kalskag, City of

Sewage Disposal Ph. III for George
Morgan High School

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

Administration:
Engineer/Inspect:
Construction:
Equipment:
Other: \$2,208,000
Total: \$2,208,000

**Community Resolution passed
requesting money through VSW and
indicating a priority?**

No

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: No
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

Paul Kameroff, Jr.
P. O. Box 60
Upper Kalskag 99607
471-2220

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 36
Local Budget Priority: One
Population Served: 200-250

Community: Venetie Village Council
Project Title: Solid Waste Project
Appropriation Requested: \$750,000

Project Description:

The proposed project will accomplish the following:

- 1) Close out and rehabilitate the old solid waste dump site, constructed by PHS in the late 1970's.
- 2) Build a new solid waste dump site near the old dump site.

Project Need:

The existing solid waste site is overflowing. This site was inadequately sized when it was built 20 years ago. Our population has almost doubled. Current maintenance efforts have been to only push back the debris from the access because City finances do not allow a better job to be done. Environmental technicians and environmental specialists have indicated there is a definite health hazard associated with the solid waste site.

Cost Estimated By:

Dan Williams

PHS

800-560-8637

**Department of Environmental
 Conservation
 FY 98 Capital Budget Request
 Village Safe Water**

Venetie Village Council

Solid Waste Project

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: No
Comprehensive Study: No
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$40,000
Engineer/Inspect:	\$80,000
Construction:	\$530,000
Equipment:	\$100,000
Other:	
Total:	\$750,000

**Community Resolution passed
 requesting money through VSW and
 indicating a priority?**

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
 COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: No

COMMUNITY CONTACT

Walter John, Jr.
P. O. Box 119
Venetie **99781**
849-8212 or 8229

Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water

Election District: 7
Local Budget Priority: One
Population Served: 200

Community: Voznesenka Homeowners Assn.
Project Title: Water System
Appropriation Requested: \$1,700,000

Project Description:

This project will develop a new water source for the community. It will install:

- 1) a water treatment plant and put in water mains and hook up community homes.
- 2) roads will need to be capped;
- 3) training will need to be provided for water managers and operators;
- 4) fire hydrants will be installed for fire protection.

Project Need:

State health authorities issued a warning for Hepatitis. Community members have had previous health problems. An outbreak of E-Coli is imminent. These problems occur because no water treatment is available and no protection is made for the water source.

Cost Estimated By:

Mike Wolski
ADEC-VSW
Engineer
269-7603

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Voznesenka Homeowners Assn.

Water System

PLANNING COMPLETED

Plans & Specifications: No
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$10,000
Engineer/Inspect:	\$160,000
Construction:	\$1,450,000
Equipment:	\$50,000
Other:	\$30,000
Total:	\$1,700,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: Yes
Certified Backup Operator: Yes
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

Zack Renton
P. O. Box 3005
Homer 99603
235-5630

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 37
Local Budget Priority: One
Population Served: 550

Community: Wainwright, City of
Project Title: Service Connections
Appropriation Requested: \$1,554,000

Project Description:

Project will provide plumbing upgrades to residences to allow hookup to water and sewer distribution and collection systems under development.

- A. Adding plumbing and fixtures to residences without these services.
- B. Upgrading vent, waste and water lines to code.
- C. Adding prefabricated toilet room modules to residences that cannot accommodate conventional toilets and sinks.
- D. Other related improvements necessary to accomplish plumbing upgrades.

Project Need:

There aren't enough residences with adequate plumbing facilities to hook up and utilize the water and sewer systems being installed. This places the new systems at risk, crippling the hydraulic and thermal integrity of the sewer mains. Currently many plumbing drains discharge gray water directly to the ground beneath the dwellings, allowing it to collect in pools which children play in, or to be absorbed or frozen. Most honey bucket users are without adequate bathing facilities or hand sinks. Water is often reused for handwashing several times by family members, promoting conditions for spread of water born disease. Honey bucket trucks often leak refuse on the roads as they collect buckets from homes, further causing health risks. Project funding would allow a managed plumbing upgrade program to occur, allowing the collection and distribution system startups in a scheduled and controlled basis.

Cost Estimated By:

Jeff Baker

North Slope Borough, CIPM

561-6605

Department of Environmental
Conservation
FY 98 Capital Budget Request
Village Safe Water

Wainwright, City of

Service Connections

PLANNING COMPLETED

PROJECT COSTS

Plans & Specifications: Yes

Feasibility Plan:

Comprehensive Study:

Is this a phased project: Yes

Administration: \$55,000

Engineer/Inspect: \$155,000

Construction: \$1,280,000

Equipment:

Other: \$64,000

Total: \$1,554,000

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: Yes

Amount: 440,000

Source: USDA-RUS

Date

Received: FY97

**OPERATION & MAINTENANCE
COMMITMENT**

COMMUNITY CONTACT

Trained Operator: Yes

Certified Primary Operator: Yes

Certified Backup Operato.: Yes

Drinking Water Compliance: Yes

O & M Costs Identified:

User Fee Ordinance Adopted: Yes

Lydia Agnasagga

P. O. BOx 69

Barrow 99723

852-0200

**Department of Environmental Conservation
FY00 Capital Budget Request
Village Safe Water**

Election District: 38
Local Budget Priority: One
Population Served: 193

Community: White Mountain, City of
Project Title: Water and Sewer Installation
Appropriation Requested: \$121,800

Project Description:

The project consists of installing sewer services to five residents and one resident with water service. Local laborers will put in sewer pipes to the existing main lines and also install the interior plumbing and fixtures to the five residents.

Project Need:

Currently the five resident are using honey buckets. This is inadequate and a health hazard. If the honey bucket is spilled on the floor it can result in hepatitis. Except for these residences, White Mountain has done away with honey buckets and outhouses. The water and sewer project will correct this problem and improve and provide adequate sanitation facilities for the community.

Cost Estimated By:

Roger Burleigh & IHS
ADEC-VSW & PHS
Engineer
269-7606

Department of Environmental
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White Mountain, City of

Water and Sewer Installation

PLANNING COMPLETED

Plans & Specifications: Yes
Feasibility Plan: Yes
Comprehensive Study: Yes
Is this a phased project: Yes

PROJECT COSTS

Administration:	\$2,000
Engineer/Inspect:	\$13,800
Construction:	\$106,000
Equipment:	
Other:	
Total:	\$121,800

Community Resolution passed
requesting money through VSW and
indicating a priority?

Yes

Will federal money be used: No
Amount:
Source:
Date
Received:

**OPERATION & MAINTENANCE
COMMITMENT**

Trained Operator: Yes
Certified Primary Operator: No
Certified Backup Operator: No
Drinking Water Compliance: Yes
O & M Costs Identified: Yes
User Fee Ordinance Adopted: Yes

COMMUNITY CONTACT

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