

**SB**

**257**

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SB 257

was referred to the  
Senate Finance  
Committee

Hearing(s) were held

The bill did not move  
from Committee



Official Business

# Alaska State Senate

## Senate Finance Committee

Mail Stop 3100  
State Capitol  
Juneau, Alaska 99801-1182

### AGENDA

Friday, March 5, 2004

9:00 am

SB 257-APPROP: CAPITAL PROJECTS

Department of Transportation and Public Facilities

Bills Previously Heard or Scheduled



Official Business

# Alaska State Senate

## Senate Finance Committee

Mail Stop 3100  
State Capitol  
Juneau, Alaska 99801-1182

### AGENDA

Thursday, February 12, 2004

9:00 am

#### Department FY04 Status Reports

Health and Social Services

Corrections

Law

Military and Veterans Affairs

Environmental Conservation

Public Safety

Administration

Community and Economic Dev.

Revenue

Bills Previously Heard or Scheduled

January 9, 2004

Members of the Legislative Budget  
and Audit Committee:

In accordance with the provisions of Title 24 of the Alaska Statutes, the attached report is submitted for your review.

DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
VILLAGE SAFE WATER PROGRAM  
SELECTED PROJECTS

November 19, 2003

Audit Control Number

18-30028-04

We reviewed the Department of Environmental Conservation spending practices in the construction of water and sewer systems through the Village Safe Water program. We found that the procedures over spending lacked some normal business safeguards and that this small program did not have the necessary business support. We recommend transferring this program to the Department of Transportation and Public Facilities, where this support is readily available.

The audit was conducted in accordance with generally accepted government audit standards. Fieldwork procedures utilized in the course of developing the findings and discussion presented in this report are discussed in the Objectives, Scope, and Methodology section.

Pat Davidson, CPA  
Legislative Auditor

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## OBJECTIVES, SCOPE, AND METHODOLOGY

In accordance with Title 24 of the Alaska Statutes and a special request by the Legislative Budget and Audit Committee, we conducted an audit of the Village Safe Water Program (VSW) administered by the Department of Environmental Conservation (DEC).

### Objectives

The objectives of the audit were as follows:

- To evaluate DEC oversight over engineering firm billings.
- To evaluate DEC oversight over project payrolls.
- To evaluate DEC purchasing practices in project communities.

### Scope and Methodology

The audit request asked us for a review of DEC spending practices in the construction of water and sewer systems through the VSW program. To enhance our understanding of the audit request, we were provided examples of possible waste on particular projects.

Our audits are conducted under standards issued by Congress, known as the *Government Audit Standards*. These standards direct us to assess the ability of program processes to accomplish program objectives, meet legal requirements, and control waste, fraud, and abuse.<sup>1</sup> These standards also encourage us to "make recommendations for actions to correct problems identified during the audit and to improve programs and operations."<sup>2</sup>

The VSW program had 35 projects with active construction during the 2002 construction season. We reviewed selected aspects of 20 of these projects. Each of the 20 projects was located in a different community.

Fieldwork for the audit included the following:

- Review of statutes, regulations, ordinances, grant agreements, contracts, and written policies and procedures.

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<sup>1</sup> *Government Audit Standards* (2003) §§ 2.09-2.11, 7.12-7.13, 7.17-7.25. For the purpose of the *Government Audit Standards*, "abuse" is defined to occur when "conduct of a government program or entity falls far short of behavior that is expected to be reasonable and necessary business practices by a prudent person." *Government Audit Standards* (2003) § 7.25.

<sup>2</sup> *Government Audit Standards* (2003) §§ 8.28-8.29.

- Interviews with state and federal agencies.<sup>3</sup>
- Review of project files.
- Review of records of project accounting, payroll, personnel, and expenditures.
- Review of prior evaluations, studies, and audits of the VSW program by various entities.

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<sup>3</sup> In addition to past and present DEC personnel, we interviewed employees of the following: U.S. Environmental Protection Agency, U.S. Department of Agriculture, Denali Commission, State Department of Community and Economic Development, State Department of Transportation and Public Facilities, Alaska Industrial Development and Export Authority, State Department of Labor and Workforce Development, Internal Revenue Service, U.S. Citizenship and Immigration Service, and local tax officials.

## ORGANIZATION AND FUNCTION

In 1970, the Village Safe Water Act established under Alaska Statute 46.07 created the Village Safe Water (VSW) program. The Act established *"a program designed to provide safe water and hygienic sewage disposal facilities in villages in the state."* An eligible "village" is defined as *"an unincorporated community that has between 25 and 600 people residing within a two-mile radius, a second class city, or a first class city with no more than 600 residents."*<sup>4</sup>

The VSW program was originally administered by the State Department of Health and Welfare but was later transferred to the Department of Environmental Conservation (DEC). The program is currently administered as a separate section within the DEC Division of Facility Construction and Operation.

All of VSW's field engineers and its grants administrator are stationed in its Anchorage office. The field engineering staff consists of eight engineers, three engineering associates, one engineering assistant and one graduate intern. The VSW program manager and a planner work out of DEC's Juneau office.

The majority of VSW's funding is through federal grants from the U.S. Environmental Protection Agency and the U.S. Department of Agriculture. The balance is Alaska legislative appropriations for capital budgets from state funds.

For FY 04, the program has a project budget of \$81 million. DEC engineers are directly administering 43% of this budget while 57% is being forwarded to the Alaska Native Tribal Health Consortium.

For most VSW projects, the community provides the workforce. This is termed a "force account" arrangement in the public construction field. DEC engineers may directly oversee a project or may delegate day-to-day oversight to a construction management firm.

Once the legislature has appropriated funds for a specific project, those funds technically belong to the receiving community. However, DEC retains an Anchorage CPA firm to manage a bank account that holds the grant funds "in trust" for each project community. The CPA firm issues checks for project expenditures, as directed by DEC.

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<sup>4</sup> AS 46.07.080(2).

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## BACKGROUND INFORMATION

### Project Selection

The Village Safe Water (VSW) enabling statute (AS 46.07) authorizes the program to construct water and sewer systems in the state's "villages." The statute defines a "village" as "an unincorporated community that has between 25 and 600 people residing within a two-mile radius, a second class city, or a first class city with not more than 600 residents."<sup>5</sup> Though the Department of Environmental Conservation (DEC) has a tradition of constructing projects in communities in bush Alaska, that is, communities off the road system, the statute is silent as to any priority among eligible locations.

In fact, statutes, regulations, and federal grant conditions are all silent as to DEC's selection criteria when applicant requests exceed available funds. However, DEC has developed a ranking system to prioritize requests, which is publicly described on its homepage.<sup>6</sup>

DEC has separate ranking processes for projects in the planning and construction phases. In each process, applications receive weighted points in specific categories (see Exhibit 1). Scoring and ranking is conducted by the VSW program management in Juneau, rather than by the Anchorage-based engineers that supervise completion of the selected projects.

EXHIBIT 1
<b>PLANNING SCORING CATEGORIES</b>
Plan information Community development status Council resolution
<b>CONSTRUCTION SCORING CATEGORIES</b>
Public health and environmental threats Project development status Other funds Operation and maintenance capabilities Project coordination Economic feasibility

### Project Construction

Alaska Statute 46.07.040 authorizes VSW "to provide for the construction by contract or through grants to public agencies or private nonprofit organizations, or otherwise." The statute further provides that "workers from the village in which the facility is being constructed shall be utilized to the maximum extent feasible."

Under the VSW enabling statute, DEC has several options to construct a project. First, DEC may contract for construction by a contractor using the traditional competitive bidding process of AS 36.30. Second, DEC may transfer funding to the Alaska Native Tribal Health

<sup>5</sup> AS 46.07.080(2).

<sup>6</sup> See [www.state.ak.us/dec/dfco](http://www.state.ak.us/dec/dfco).

Consortium, with construction under consortium procedures. Third, DEC can arrange for the community to provide its own construction workforce. Workers under the latter "force account" arrangement are technically employees of the local government or a local organization. However, DEC still oversees the project and pays all the bills.

VSW projects are funded from three sources: (1) grants from the U.S. Environmental Protection Agency; (2) grants from the U.S. Department of Agriculture; and (3) state capital project funds. Federal grantors leave the method of construction to DEC's discretion, so long as there is compliance with federal grant conditions and regulations. Federal grantors have agreed that the written procedures in DEC's manual for the VSW program are an acceptable approach to the federal requirements.

## REPORT CONCLUSIONS

The audit request asked us for a review of Department of Environmental Conservation (DEC) spending practices in the construction of water and sewer systems through the Village Safe Water (VSW) program. To enhance our understanding of the audit request, we were provided examples of possible waste on particular projects.

The concerns reflected in the audit request were well-founded. As we detail below, DEC procedures for spending lack some normal business safeguards that the public has a right to expect for construction projects.

In essence, approximately \$35 million<sup>7</sup> in public construction is being monitored by a dozen engineers<sup>8</sup> buried within a regulatory agency. Though well-meaning and exemplary in dedication, these DEC employees suffer from a lack of the usual business support services that enable other state engineers to focus on engineering. In short, there is a mismatch between their professional training and the tasks that consume much of their time.

Our recommended solution is to transfer VSW construction to the Department of Transportation and Public Facilities (DOTPF) with its support services, economies of scale, training opportunities, career paths, and business discipline (see Recommendation No. 1).

A common thread in our findings is the considerable ambiguity that the program has tolerated in accountability for how project funds are actually spent. This is not surprising given that awarded funds are kept by DEC "in trust" for the recipients and jointly controlled by various parties with procedures that fluctuate considerably in practice.

While local hire is desirable, a community's capacity to assume substantial control needs to be carefully evaluated on a case-by-case basis rather than presumed as the norm. When such delegation and transfer of project responsibility is truly deemed feasible, oversight and accountability need to be documented by agreement in no uncertain terms.

Our detailed conclusions follow.

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<sup>7</sup> The VSW program has an FY 04 capital budget of \$81 million. The VSW engineers are administering \$35 million of these projects while \$46 million has been transferred to the Alaska Native Tribal Health Consortium.

<sup>8</sup> The 11 DEC engineers who work directly with VSW communities are stationed in Anchorage. They had an office supervisor during the 2002 construction season, but that position is now vacant. The program manager is in Juneau.

Unskilled oversight of construction management firms and other engineers allows waste

DEC commonly contracts with engineering firms to monitor day-to-day spending and perform other tasks, such as design work, on VSW projects. Information provided with the audit request relayed concerns about billing practices under 24 of these contracts, with those contracts involving 22 different communities.<sup>9</sup> Construction management, that is, the critical delegated control over VSW spending, was the subject of 11 of the contracts in question.

In larger agencies, the drafting of construction management contracts can be entrusted to experienced contracting officers whose business savvy protects the public from exploitive billing. However, engineers in DEC are left to draft their own contracts. The result is a loose, haphazard assortment of provisions invented as the need arises, with pricing and billing terms largely dictated by seasoned contractors.

Exhibit 2 shows the various deficiencies that were spread among the 24 contracts we reviewed. The disparity in business negotiating skills indeed leaves the state open to exploitive billing.

Most VSW engineers recognize that they are not contract experts and would welcome professional help in ensuring communities get fair value for project money. In Recommendation No. 1, we propose a reorganization in which these well-meaning engineers will get the business support they need so they can refocus on engineering.

**EXHIBIT 2  
CONTRACTS ALLOWED  
WASTEFUL SPENDING**

- Missing standard contract terms. Travel time, overtime, and holiday pay not addressed in most contracts.
- Lack of standardization between contracts. Labor rates and contract fees varied considerably between contracts.
- Contractors dictate rates and fees with little scrutiny by engineers.
- Contractors inflate pricing on pass through expenses.
- Questionable services and rental charges were allowed.
- Missing fee schedules in contract files.
- Contractors dictate contract changes.
- Uncertainty of cumulative dollars authorized and spent under amended contracts.
- Billings did not agree with contract terms.
- Engineers unaware of federal grant requirements.
- VSW skills are outmatched by contractor's business savvy.

<sup>9</sup> We note that one of these communities had a 2000 census population of only 22 persons and, per the state demographer, an estimated 2002 population of only 3 persons. This reflects the need for VSW to carefully prioritize its allocation of limited project funding. Recent media coverage highlighted generalized federal concern about grants for public works projects in the State's "phantom" villages." See Liz Ruskin, "Stevens vows to examine funding," *Anchorage Daily News*, October 23, 2003, pp. A-1, A-10.

DEC management insists that the billing provisions in question are simply the accepted norm for private engineering firms. Based on our discussions with state and federal agencies,<sup>10</sup> we disagree.

Unskilled oversight of on-site managers allows waste

A minority<sup>11</sup> of projects are directly managed by a DEC engineer rather than by a construction management firm. While DEC oversees the project and pays all the bills, the community provides its own workforce to build the facility. This is termed a “force account” arrangement in the public construction field.

*a. Overpaid on-site managers*

Communities with such force account projects hire an on-site manager with the concurrence of DEC’s engineer.<sup>12</sup> This manager is not from the community and may or may not be a resident of Alaska. DEC’s engineer drafts the employment contract, under which the manager is technically a “temporary employee,” rather than a contractor, and this employee works for the community, rather than DEC.

We have reviewed the compensation of the three highest-paid on-site managers during the 2002 construction season (see Exhibit 3). While DEC defends these wages, we find them excessive and wasteful. This practice offends today’s public expectations for small DEC projects.

Our concerns about DEC’s skills at oversight are detailed in Recommendation No. 2.

EXHIBIT 3 THREE HIGHEST PAID ON-SITE MANAGERS 2002 CONSTRUCTION SEASON			
<u>Gross wages</u>	<u>Per diem</u>	<u>Other direct*</u>	<u>Total</u>
\$197,078	\$5,712	\$3,200	\$205,990
\$184,918	\$4,662	\$7,700	\$197,280
\$134,758	\$8,892	—	\$143,650

\* Other direct = payments made directly to manager's personal business

<sup>10</sup> We consulted contracting specialists at DOTPF, the Denali Commission, and the Alaska Industrial Development and Export Authority. Clear, consistent billing terms that protect the state are no novelty. DOTPF has training academy courses that teach contracting skills. A veteran Public Health Service engineer at the Denali Commission also noted the availability of valuable training from the federal government.

<sup>11</sup> Out of 35 VSW projects with actual construction during the 2002 season, 22 were conducted through a construction management firm, 11 had an on-site manager who reported directly to DEC’s engineer, one used both a construction management firm and an on-site manager, and one was simply run by a general contractor.

<sup>12</sup> DEC refers to this on-site manager as a “superintendent” in the employment contract.

### *b. Problems with safeguards over crew payrolls*

The on-site manager supervises the local force account crew. We found DEC's loose controls over crew payrolls to fall short of normal business safeguards. Those loose controls are symptomatic of the overall ambiguity as to whether DEC or the community is accountable for how project funds are spent.

While we did not find any fraudulently-issued paychecks, such neglect of payroll safeguards is an opportunity for fraud to occur and not be detected (see Recommendation No. 3).

We do not fault the on-site manager for DEC's failure to appreciate a risk that could jeopardize public confidence. However, the shortcoming once again shows a mismatch between the professional skill set of public engineers and the business savvy needed to protect public spending.

### *c. Unskilled purchasing*

The audit request expressed concern about purchasing practices in project communities. Given the on-site manager's broad discretion over purchasing and hiring in a community,<sup>13</sup> we reviewed the application of DEC-prescribed spending procedures at three projects administered by an on-site manager.

We found problems with DEC's oversight procedures that show a lack of business skills in areas such as purchasing, risk management, and compliance with tax laws. Some of these problems simply waste public money,<sup>14</sup> while some others discussed below invite confrontations with regulators such as the Internal Revenue Service (IRS), federal immigration authorities, and the Alaska Department of Labor and Workforce Development.

We noted particular expenditures that were wasteful,<sup>15</sup> or at least questionable, in view of an inadequate explanation from the DEC engineer.

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<sup>13</sup> Some VSW engineers allow the on-site manager to choose the source for any purchase up to \$5,000 without the engineer's preapproval. At least one engineer allows the on-site manager to choose the source up to \$25,000 without preapproval. Comparison shopping is required between \$5,000 and \$50,000. Purchases over \$50,000 require competitive bidding. The on-site manager also awards jobs, sets pay rates, and rents local equipment.

<sup>14</sup> For instance, one on-site manager ordered insurance for a rental of heavy equipment. He neglected to cancel the insurance policy at the end of the five-month rental period, resulting in a \$5,900 overpayment for an unnecessary coverage extending over 22 months. The automatically-renewing coverage would presumably still be in force today if we had not alerted DEC's engineer.

<sup>15</sup> For instance, local ordinances exempted project purchases from the local sales taxes, which could total 5%. However, we noticed a variety of purchases in which the on-site manager did not attempt to claim the exemption. DEC approved payment even though the bills or receipts clearly included the local tax.

For example, we were unable to evaluate the pricing of some tools and office supplies, such as those in Exhibit 4. The DEC engineer lacked personal familiarity with these purchases, having entrusted them to the on-site manager. Sometimes this delegation occurred when the engineer signed open purchase orders that authorized general charging at local stores. When the engineer sought explanations for Legislative Audit, the on-site manager summarily responded with generalities such as "tools and safety equipment" and "tools that are necessary for water and sewer projects."

We recognize the value contributed to an area's economy by purchases of common hand tools and office supplies at local convenience outlets. However, we also expect that a skilled purchasing agent could negotiate bulk purchases of such items that would service numerous projects.<sup>16</sup> Such business economies of scale are an unrealistic expectation, though, by DEC's unsupported VSW engineers.

*d. Wasteful duplication of bookkeeping efforts*

While DEC lacks adequate safeguards over what the money is used for, up to five different bookkeeping systems concurrently track how much is left. This redundant bookkeeping is wasteful.

Overall disbursements of grant funds are, as usual, tracked by DEC's administration through the state accounting system. However, DEC also pays an Anchorage Certified Public Accounting (CPA) firm \$159,000 a year to maintain the computerized books and separate bank accounts needed for VSW projects. The funds in each bank account are considered to be held "in trust" for the community, with the CPA firm issuing checks to vendors and force account employees as DEC authorizes.

DEC engineers have online access to the cash basis books that the CPA firm keeps for each project, which are basically check registers. However, most engineers are hesitant to fully utilize this system due to both their limited accounting background and the system's inability to reflect pending, unpaid purchases.<sup>17</sup> Engineers thus create their own spreadsheets of

EXHIBIT 4 UNEXPLAINED HIGH COSTS FOR COMMON HAND TOOLS AND SUPPLIES	
	<u>Cost</u>
Claw hammer	\$25
Hacksaw frame	\$29
Bolt cutter	\$140
Pliers	\$23
Wrench	\$80
Wrench	\$15
Wrench	\$56
Wrench	\$31
Grease gun	\$27
60-watt light bulb	\$2
Executive stapler	\$12
Tape refill	\$21
Post-it notes	\$11
Wastebasket	\$11

<sup>16</sup> For instance, large hardware chains now sell over the internet.

<sup>17</sup> Depending upon accounting background, users think of unpaid purchases as warranting an encumbrance, account payable, reserve, or some other deduction from committed funds. Regardless of terminology, a cash basis checkbook does not reflect items ordered or wages earned until the check is actually cut. There is an ever-present risk of spending over budget unless one adopts a practical solution.

pending expenses and resort to creative solutions, such as the preplanned holding of a \$60,000 check for several months. These spreadsheets in effect constitute a redundant, unofficial set of books that are not tied in to the state accounting system or to the subsidiary system operated by the CPA contractor.

The contract that DEC drafts for on-site managers requires that managers also track spending commitments under their project budgets. One on-site manager employed his spouse to act as an on-site bookkeeper (see Exhibit 6 on page 21), and purchased a \$2,700 computer system out of project funds. Like DEC's engineers, these front-line managers could conceivably use on-line access to the CPA firm's system. However, their immediate needs require that they, too, rely on their own self-designed spreadsheets to track expenses under an unofficial system.

Yet another unofficial system, tracking by the community itself, may exist at some sites. For instance, \$1,700 of a project's money was used to send an officer of a community council to Anchorage for a two-day QuickBooks course.<sup>18</sup>

All of this redundancy shows both waste and, once again, the lack of business support that diverts DEC from focusing its engineering talents on the communities' important technical problems.

#### Noncompliance with tax and payroll laws invites enforcement

The lack of support also surfaces in noncompliance with various tax and payroll laws routinely expected of most small businesses. Some of this noncompliance presents the possibility of enforcement actions, as well as the obvious erosion of confidence in the program by public cynicism over double standards.

DEC engineers were apparently unaware that longstanding federal tax laws require Form 1099 reporting of some payments to vendors that exceed \$600. Only one Form 1099 was filed for all of the VSW projects administered by DEC during the 2002 tax year.<sup>19</sup> This is not a new issue<sup>20</sup> and, despite the potential for IRS penalties, DEC apparently lacks the business infrastructure to solve this problem.

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<sup>18</sup> This \$1,700 included the employee's project wages of \$660 for two 10-hour days, with overtime. Such QuickBooks training could have been obtained far more economically from the local college (\$102) or even on-site from the state's rural utility business advisor at no charge.

<sup>19</sup> We checked three projects for completion of Form 1099 and found at least 15 vendors for which that reporting was required in 2002. However, the contract CPA firm failed to file any 1099 forms for these projects.

<sup>20</sup> DEC arranged for a private auditor to review VSW procedures back in 2001, with the auditor reporting to DEC that the necessary 1099s were not being issued.

State law provides penalties for employers that circumvent workers compensation coverage. One on-site manager initiated a recharacterization of his uninsured work. He wrote DEC: "*If insurance for [this project] is not in place, and you don't want to run this through payroll, you can issue me a P.O. [purchase order] for consulting services to cover the time . . .*" After being paid for one pay period of "consulting services," he worked the next month as an employee but still without workers compensation coverage.

A similar issue arose when another on-site manager was paid wages as an employee while sizeable additional payments were paid directly to his private business. Among these additional payments was \$4,662 in per diem and \$7,700 designated as a reimbursement for health insurance premiums. Whatever reason for this arrangement,<sup>21</sup> the split once again blurred the important distinction between employee and consulting contractor.

State wage and hour laws forbid hourly workers from performing the same job as both an employee and a volunteer. While one on-site manager consistently claimed very long days on his timesheets (see Recommendation No. 2), he asserts that there have been many additional hours for which he has not charged the VSW program.<sup>22</sup> Such confused boundaries invite wage claim disputes with costly penalties.<sup>23</sup>

Long-standing federal law requires every employer to complete Form I-9 after verifying an employee's identity and citizenship status. The contracts for on-site managers make this an explicit part of their duties. Nevertheless, when a federal agent inspected the forms for three projects, the agent found errors of varying significance on every form. In fact, we noted that no Form I-9 was even provided by the manager for 11 employees on these projects.<sup>24</sup>

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<sup>21</sup> For instance, we note that DEC did not report the \$7,700 as taxable income on the manager's W-2 form. DEC should ensure that this treatment meets IRS standards. The IRS government liaison can assist DEC in this regard.

<sup>22</sup> On July 2, 2003, the on-site manager wrote DEC: "*I have given hundreds of hours of mine and [spouse's] time without charging . . .*" On July 11, 2003, he wrote DEC: "*over the last ten years, [spouse] and I have given pro bono thousands of hours to various VSW projects.*" [Emphasis added.] He now indicates to DEC that he is continuing to work on the project free of charge, well after DEC shut the project down for exhausted funding. We have not attempted to evaluate whether such statements are accurate or hyperbole; they simply reinforce our position in Recommendation No. 2 that employees like this belong on a salary.

The same manager has also volunteered cash payments that further complicate the boundaries of his employment relationship. After a history of \$6,700 in equipment thefts at one site, he wrote that he was "*personally offering a \$1,000.00 cash reward in this matter.*" When the DEC engineer ordered work to stop for exhausted funding, the on-site manager declined and promised that he would personally pay for any overruns, implicitly agreeing to act as a sort of guarantor.

<sup>23</sup> DEC can clarify such status questions by requesting an opinion letter from the Department of Labor and Workforce Development. Also, we recommend that DEC obtain advice from the Department of Law concerning the risk of continuing apparent authority to bind the state and continuing liability for workplace injuries.

<sup>24</sup> Contracts for the on-site managers also require them to obtain the usual IRS Form W-4 from every employee. Forms for six employees were incomplete on the three projects.

DEC must ensure that its on-site managers appreciate the need for careful attention to payroll tax laws. Though on-site managers technically work for the communities, we think the IRS may treat DEC as a "responsible person" for the purpose of assessing penalties.

Finally, we note that recent federal regulations clarify the IRS intent to evaluate the reasonableness of compensation that nonprofit corporations pay influential employees. Total compensation packages over \$90,000, while not automatically unreasonable, are subject to IRS review. Excessive compensation is subject to heavy penalty taxes. To the extent that the VSW program expands its awards to community councils organized as nonprofit corporations, this is another area of tax compliance that necessitates specialized business support.

#### Better monitoring needed for safeguards over outside employment

Some DEC employees are assigned considerable autonomous discretion on VSW projects. Given the scope of discretion, the Executive Branch Ethics Act contemplates that DEC management will carefully screen outside employment for any conflicts of interest.<sup>25</sup> Such conflicts might include significant business ties with vendors and contractors, or activities in which DEC employees must juggle loyalties to the state and private customers. In Recommendation Nos. 4 and 5, we address the need for clear rules and specific action on this and other ethical matters pertinent to this program.

This need to protect the public from potential conflicts of interest again reflects the value of specialized support skills.

#### The move to projects in recent road system subdivisions reflects changing priorities

VSW's enabling statute only defines eligibility as "villages" that are either incorporated cities with up to 600 people or unincorporated settlements with 25 to 600 people within a two-mile radius. Program funding for the 2002 construction season expectedly emphasized the installation of basic water and sewer in remote "bush" communities off the road system. Out of the 73 VSW projects directly administered by DEC in 2002, 85% were in locations off the road system with either formal incorporation as a city or a long-standing history before statehood.

Nine projects were funded for communities on the road system that lacked formal status as a unit of local government. While six of these locations have long traditions of prestatehood settlement, two others<sup>26</sup> present the fundamental issue of program expansion into recent subdivisions. VSW leadership needs to openly consider this issue before straying further from the implicit public assumptions for the program.

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<sup>25</sup> See AS 39.52.160, 39.52.170, 39.52.140, 39.52.120.

<sup>26</sup> Nikolaevsk, Voznesenka.

There is no question that the two communities in question have had hepatitis cases that, at the time,<sup>27</sup> might conceivably have been prevented through better water treatment. However, these two communities are neither impoverished, nor isolated, nor long-standing historical settlements. Each project involves only around 50 homes. Like many poststatehood arrivals, extended families came up from the Lower 48 and platted their own subdivisions in unincorporated areas<sup>28</sup> along the road system. They have prospered over the years and installed private communal utilities that now need upgrading.

The VSW program was never intended to displace the usual funding mechanisms for improvements in modern subdivisions on the road system. However, instead of paying special assessments to a developer, homeowner association, or local government, the residents at these two locations incorporated their homeowner association as a community council. They then asked DEC to pay for subdivision infrastructure, even down to the level of fire hydrants or new septic tanks. While this is certainly legal, it presents a fundamental question of priorities for scarce financial resources.

#### Questionable purchasing presumes unlimited future funding

During 2002, DEC awarded \$1.7 million to one of these subdivisions<sup>29</sup> for a well, a water tank, and a 20 x 40-foot building with a treatment system. However, at this point, that subdivision expects further funding because the tank, building, and bank account are all empty.

Construction of the structures, with landscaping, was completed before the project ever found a workable source of water, or even decided upon a treatment method. Seven wells were drilled, including the region's deepest of 680 feet, without finding one that consistently delivered the quantity and quality of water needed by the community.<sup>30</sup>

Recommendation No. 5 discusses some issues on renting, fixing, and furnishing a house provided to the on-site manager to serve as living quarters and an office. Other questionable

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<sup>27</sup> While vaccination is certainly a personal choice for residents of these communities, we note that hepatitis is now preventable by a vaccine routinely administered to the public.

<sup>28</sup> These two subdivisions lie within the boundaries of the Kenai Peninsula Borough, but not within an incorporated city.

<sup>29</sup> Voznesenka.

<sup>30</sup> DEC's engineer expressed to us his disappointment at the progress in finding water. Also, a dispute apparently developed between the on-site manager and a consultant over the technical aspects of the drilling process. Nevertheless, after seven unsuccessful wells, DEC's engineer still did not recognize the need to evaluate this situation for potential claims involving contractor error. DEC's small group of engineers lacks adequate business support in this important aspect of contract monitoring.

priorities were purchases such as a \$33,000 pickup truck, signage costing \$3,100,<sup>31</sup> and a \$4,000 archeological study.<sup>32</sup>

This type of questionable spending implicitly treats DEC funding as a general purpose, discretionary block grant, rather than funding that is to be narrowly-focused on a specific health-related facility. It also reflects an implicit strategy that, once you drive that first stake, the legislature will never leave a project unfinished and always provide more money.

In our Auditor's Comments section, we discuss the need to reassess the tradition of full funding and suggest requiring meaningful in-kind contributions by capable communities.

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<sup>31</sup> This signage consisted of (1) various construction warning signs for \$2,046, (2) three metal signs advertising the local water utility for \$384, (3) two water utility decals for a vehicle for \$190, and (4) six magnetic water utility signs for \$568 that will presumably allow private vehicle owners to assert that they are operating their vehicles on utility-related business. Warning signs are an obvious candidate for multi-project economies of scale, while the other items exemplify unchecked waste given the stage of the project.

<sup>32</sup> Though no archeological sites had ever been discovered near the construction site, DEC indicates that the Department of Natural Resources ordered a study for purposes of the Federal Historic Preservation Act. The on-site manager then hired a local college teacher to conduct an immediate study for \$4,000. The teacher conducted two days of field work, looked at nine "shovel tests," and wrote a four-page report indicating that nothing had been found. Once again, the state would have benefited from specialized skills in negotiating the price, as well as the real need for a full study in the first place.

## FINDINGS AND RECOMMENDATIONS

### Recommendation No. 1

The governor should, by executive order, place the Village Safe Water program within the public facilities section of the Department of Transportation and Public Facility.

We recommend that the governor, by executive order,<sup>33</sup> place the Village Safe Water (VSW) program within the public facilities section of the Department of Transportation and Public Facility (DOTPF).<sup>34</sup> The program will benefit from DOTPF's support services, economies of scale, training opportunities, career paths, and business discipline.<sup>35</sup>

Our observations on the personal limits of engineers in the Department of Environmental Conservation (DEC) are not intended as attacks on their conscientiousness. Their deficiencies in oversight are not due to any lack of integrity, dedication, or engineering talent. All of the DEC engineers in this program exhibit an exemplary level of commitment to enhancing the quality of life for rural communities.

Their strengths and enthusiasm lie in their familiarity with arctic technology and their social skills in working with the residents of bush Alaska. The six most senior VSW engineers have a total of 100 years of experience in constructing rural water and sewer facilities. Unfortunately, there is a mismatch between these special talents and the morass of nonengineering administrative tasks that consume their day.

In a larger organization, such tasks would be routinely assigned to others with specialized business skills such as purchasing, accounting, risk management, environmental coordination, legal review, internal auditing, and quality control.

Two DEC engineers estimate that they spend only ten percent of their time on the actual engineering tasks needed to help their communities.

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<sup>33</sup> See Alaska Constitution art. III, sec. 23.

<sup>34</sup> While our audit was, of course, conducted at the request of the legislature, our recommendation is certainly consistent with the governor's recent Administrative Order No. 202 that encourages "*recommendations for consolidation and reorganization of departments, divisions, and duties and any other recommendation to promote sound and efficient administration.*"

<sup>35</sup> We recognize that DOTPF traditionally administers its projects through competitive bidding by commercial contractors. However, statutes that govern DOTPF procurement appear sufficiently flexible to allow a force account arrangement when feasible. See AS 35.15.010 (in-house work permissible "*when it appears to be in the best interests of the state*"); AS 44.33.300 (governor may waive competitive bidding for work in impoverished community done by government entity or nonprofit).

Forcing DEC engineers to wear all these hats places them in an untenable, no-win posture few would envy. On one hand, they are to be zealous advocates for a community, deftly maneuver it through bureaucratic red tape, and do whatever it takes to get the job done. On the other hand, they are expected to police the community's use of public money. When the need arises, we expect them to apply traditional business discipline in making realistic choices that may be locally unpopular.

DEC, expectedly, defends the status quo, mainly asserting that DEC engineers have ready access to the DEC regulators who issue the necessary permits for water and sewer projects. We question, though, whether that relationship is really an advantage instead of another weakness in the current placement.

The public expects DEC to function as an impartial regulator. Public confidence in this function is threatened, not enhanced, when a regulated developer shares the same organizational identity and the same physical offices. Environmental compliance is a costly requirement for private developers, and there is an inherent issue of comparative fairness for the latter permittees who cannot simply visit another floor to expedite their applications.

However, the main reason to reassign VSW construction is DEC's lack of the necessary business infrastructure to safeguard spending from abuse. We believe that a better home for this program is DOTPF's public facilities section.

VSW engineers will benefit from the business discipline, support services, training opportunities, and career paths<sup>36</sup> found at DOTPF. However, in giving VSW a better placement, DOTPF should consider keeping the current work group intact, given its cohesive nature, bush skills, initiative, and culture of dedicated advocacy.

#### Recommendation No. 2

The state should mandate that on-site managers be paid with a salary rather than on an open-ended hourly basis.

The on-site manager on VSW projects is not an engineer and is labeled by DEC as the project's "superintendent." Nevertheless, under the contract traditionally prescribed by DEC, the position oversees on-site construction with the broad discretion and authority characteristic of a high-level manager. Despite this managerial status, compensation under the contract has been on an uncapped, self-reported, hourly basis, with the potential for copious overtime pay, rather than a fixed salary.

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<sup>36</sup> Despite the talents of DEC engineers assigned to the VSW program, the size and unique classifications of their work group foreclose meaningful opportunities for internal advancement. DOTPF, on the other hand, offers a full career path of engineer positions up through Engineer V.

Though not a permanent resident, an on-site manager can become quite popular within the community. VSW procedures<sup>37</sup> do not encourage a community to monitor a manager's ongoing compensation. Nevertheless, we consider such extraordinary wages to be a waste of project funding and another symptom of the ambiguity as to whether DEC or the community is accountable.

The normal business solution is hardly novel: pay these managers with a competitive fixed salary for full-time, temporary employment judged under specific performance milestones. We recommend that the drafting and oversight of such contracts be transferred to professional procurement staff with the expertise, experience, and personal skills to comfortably police this type of abuse.

Once again, this oversight problem is symptomatic of the human limits faced by VSW engineers. Business waste results from DEC's unrealistic expectation that each of these well-meaning engineers be a jack-of-all-trades in a specialized world where economies of scale save money.

*a. Excessive wages for on-site managers*

During the 2002 construction season, this pay arrangement resulted in an extraordinary level of gross wages for some of these on-site managers (see Exhibit 3 on page 9). Such wages obviously exceeded the compensation of every engineer directly employed by the state.

DEC engineers, who drafted these contracts, have offered us a variety of justifications for the high compensation of their on-site managers: (1) they do a lot of work; (2) communities like them; (3) they endure bush living hardships; (4) they would not like the reduced pay of a salary; (5) good ones cost at least \$100,000; (6) they are denied the state benefit package; (7) some technically work for nonprofits rather than true cities; and (8) communities lack incentives to control manager pay levels.<sup>38</sup>

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<sup>37</sup> The community usually contributes none of its own money to the project. All expenses, including the wages of the on-site manager, are usually paid by DEC out of state and federal funds, with an apparent local assumption that more funding will be available next year if the project runs short. Further, the on-site manager has considerable discretion over residents' cash flow as the manager awards jobs, sets pay rates, rents local equipment, and buys everything from used furniture to stump removal services.

<sup>38</sup> DEC's limited control was apparent when its engineer directed one community to reduce the number of workdays specified in its employment agreement with the on-site manager. The community declined and continued its previous arrangement. DEC's ambiguous authority was also apparent when the same community leadership asked the engineer, "Can you be fired?"

*b. Perks can further enhance high wages*

DEC can authorize payments for significant perks for on-site managers. Exhibit 5 shows the overall package of just under \$225,000 enjoyed by the highest-paid manager for a construction season reflecting less than two-thirds of a full work year. If projected for full-year employment, this pay rate would translate to an annual compensation of \$356,000.

DEC permitted this on-site manager a variety of fringe benefits as he juggled three projects at three locations during a single construction season. Approximately \$5,700 was provided as "per diem" for his meals. Up to \$3,000 in gas appears<sup>39</sup> to have been provided for daily commutes between his home and the two jobs on the road system.

For days when the manager did not commute, DEC rented him a two-story, 3-bedroom, sauna-equipped home/office at one of his road system projects. This rental was renovated, painted, and furnished for him at DEC expense, including such items as two TV/VCRs and a \$2,700 computer system.

While such perks are not unusual in private corporations, Recommendation No. 5 addresses our concerns within the context of public employment.

Finally, while not included in Exhibit 5, the manager's accompanying spouse was paid to work on two of his projects, frequently during the same workweek (see Exhibit 6).

EXHIBIT 5 VILLAGE SAFE WATER PAYMENTS FOR THE HIGHEST-PAID ON-SITE MANAGER CALENDAR YEAR 2002 (63% FTE)	
Manager's gross wages	\$197,078
Fee for "consulting services"	3,200
Per diem	5,712
Gasoline	3,165
Rental house	6,500
Utilities for house	952
Furnishings for house	4,946
Indemnification for site thefts	<u>2,700</u>
<i>Total for 63% of full year</i>	<u>\$224,253</u>
<i>Projected payment for full year</i>	<u>\$355,957</u>

<sup>39</sup> The two projects were, respectively, 194 and 141 round-trip road miles from the manager's home. DEC engineers made no effort to discover or control the manager's commuting habits or use of over \$3,000 in auto gas reimbursement. However, we conclude that the gas reimbursement was largely used for personal commuting given the compact job sites, limited need for distant errands, and the timing of the gas purchases. For instance, in August 2002, the manager purchased sufficient gas for 30 potential round-trips (194 miles each) between the most distant project and his home.

c. Overtime origins of excessive wages

The high wages are a function of hourly pay arrangements with uncapped overtime. Exhibit 6 shows the weekly hours claimed by the highest-paid of DEC's on-site managers, including ten consecutive weeks in which he juggled both a bush project<sup>40</sup> and one of two projects on the road system in the Kenai Peninsula Borough. Between the two projects, he consistently claimed exactly 110 hours for each of those ten consecutive weeks.

Exhibit 7, shown on page 22, is another perspective on time reporting by the highest-paid manager. He claimed 94 workdays of over 14 hours a day, with 37 of those days exceeding 16 hours a day. We even noted one day in which he claimed the full 24 hours, followed by a 16-hour day.

Though this on-site manager's overtime rate is a significant one at \$67.50 per hour, his timesheets simply record his total hours for the day. There is no indication as to when work actually began and ended, the precision of recording time in fractional hours, any minimum call-outs, travel time, standby time, or even whether meal breaks and commuting occurred on or off the clock.<sup>41</sup>

DEC's written procedures, DEC engineers, and the contracts themselves were all silent on such costly nuances of overtime for these hourly employees. DEC engineers

EXHIBIT 6				
WEEKLY HOURS CLAIMED BY VSW'S HIGHEST PAID ON-SITE MANAGER AND HIS SPOUSE				
2002 CONSTRUCTION SEASON				
<u>Week</u>	<u>On-site Manager</u>		<u>Spouse</u>	
	<u>No. of Projects</u>	<u>Hours</u>	<u>No. of Projects</u>	<u>Hours</u>
1	2	52		
2	2	62		
3	3	66		
4	3	82		
5	2	104	1	40
6	2	102	1	40
7	2	92	1	40
8	2	112	1	40
9	2	108	1	40
10	2	112	1	40
11	2	108	1	60
12	2	108	1	60
13	2	108	1	60
14	2	92	1	60
15	2	108	1	60
16	2	108	2	96
17	2	110	2	96
18	2	110	2	96
19	2	110	2	96
20	2	110	2	96
21	2	110	2	96
22	2	110	2	96
23	2	110	2	90
24	2	110	2	90
25	2	110	2	90
26	2	110	2	90
27	1	24	1	24
28	2	84	1	48
29	2	76	1	48
30	1	44	1	32
31	1	68	1	48
32	1	32	1	32

*Shading indicates a week in which time was claimed for both a remote bush project and at least one project on the road system.*

<sup>40</sup> Nulato.

<sup>41</sup> Paying an on-site manager for commuting time would constitute a "portal to portal" employment agreement, not a customary arrangement for public employees.

unapologetically indicated that they simply left it to the discretion of the on-site manager to claim time as he deemed appropriate.

Given the continued FY 04 funding for some of this work, these problems may well continue without direct intervention.

*d. Missing DEC oversight*

Existing DEC oversight procedures were only sporadically applied by DEC engineers. DEC's written procedures prescribe that timesheets for force account employees, including on-site managers, will be sent to DEC for review. But in most cases, this simply does not happen.<sup>42</sup>

Rather, individual employee timesheets are presumably kept by on-site managers, who directly fax only a summary to the contract CPA firm that cuts the paychecks. During our audit, DEC could not immediately produce individual timesheets for the past season's work on the three projects that we selected for payroll review. Those timesheets had never been reviewed by DEC engineers and had to be retrieved from the manager's home in another city.<sup>43</sup>

DEC procedures require the completion of daily activity reports by on-site managers, a standard practice in the construction industry. DEC engineers could ideally compare managers' time claims to these routine reports, as well as to the engineers' own observations during site visits. However, for two of the projects, busy engineers only had time for brief visits once or twice a month, and daily activity reports often lacked sufficient detail for meaningful monitoring of exactly who did what on a given day. On the third project, there were no engineer site visits during 2002, and the on-site manager simply decided not to complete any daily field reports.<sup>44</sup>

EXHIBIT 7		
14-PLUS HOUR WORKDAYS CLAIMED BY VSW'S HIGHEST PAID ON-SITE MANAGER AND HIS SPOUSE		
2002 CONSTRUCTION SEASON		
	<u>On-site Manager</u>	<u>Spouse</u>
Days over 14 hours	94	40
Days over 16 hours	37	-0-
Days over 18 hours	3	-0-

<sup>42</sup> In fact, one DEC engineer candidly told us that he would not know what to look for if the timesheets were sent to him for review. Another told us that he simply would not have time to review them.

<sup>43</sup> Though DEC and its on-site manager cooperated with our request, it was clear from the logistical hurdles that DEC seldom, if ever, attempts to inspect such timesheets for legitimacy, accuracy, or even existence. However, such oversight is an important business safeguard given the traditional risks we discuss in Recommendation No. 3.

<sup>44</sup> Though DEC asserts there was only limited activity at this project during 2002, we note that the on-site manager received approximately \$21,000 in gross wages for work done at that site. Also, his spouse grossed approximately \$5,500 in wages at this project during 2002.

Difficulties in effectively monitoring this manager were further compounded in 2003. DEC placed the oversight for each of his three projects with a different DEC engineer. When we noted the obvious benefits of consolidated monitoring, one engineer feared that DEC's choice of manager would then override the engineers' personal choices as to which projects they prefer as assignments.

### Recommendation No. 3

The VSW program should institute traditional business safeguards to protect the integrity of force account payrolls.

A common form of construction site corruption is "ghost employees," that is, fictitious workers' paychecks that are cashed by someone in a position to manipulate the system. One national authority on loss prevention warns:<sup>45</sup>

*This scheme is especially prevalent among construction companies and other businesses that hire short-term, temporary employees who work "out in the field." It is also not uncommon for owners of small closely-held businesses to add their children or other relatives to the payroll as "ghosts."*

The traditional business safeguard is to assign the key stages in a construction payroll to different people that serve as a cross-check on each other. In other words, particularly at a remote site, the same individual simply should not (1) complete the initial hiring paperwork, (2) set the pay rates, (3) approve the hours on daily timesheets, (4) store timesheets and personnel files, (5) complete the daily activity reports, and (6) physically hand out the paychecks.

DEC's ambiguous written procedures theoretically insist upon some oversight. However, most DEC engineers now appear to leave the whole payroll process from start to finish to the unreviewed discretion of the on-site manager. While we did not discover any "ghost employees," we are surprised that DEC fails to appreciate the risk and surprised that on-site managers would allow DEC to place them in a position so vulnerable to suspicion.

For the three projects in which we reviewed 2002 payrolls, hiring was left to the discretion of the on-site manager, including the setting of pay rates. However, DEC procedures still required that every employee sign a written employment agreement to avoid later disputes over pay, status, benefits, and conditions of employment. Between the three projects, the on-site manager failed to provide DEC with the required agreements for 35 employees, including his own spouse. On five of the agreements provided to DEC, the position or pay rate was simply left blank.

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<sup>45</sup> W. Steve Albrecht et al., *Guide to Fraud Investigations, 3rd ed.*, (Fort Worth, Texas: PPC, 1999), sec. 508.3. Also see Joseph T. Wells, *Occupational Fraud and Abuse* (Austin, Texas: Obsidian Pub., 1997), chapter 8.

The usual practice was for the contract CPA to express mail employee checks directly to the on-site manager's home, which was distant from the project community. This may have seemed practical at the time given the manager's frequent commuting, and we found no evidence that the checks were not properly distributed to the payees.

Nevertheless, this scenario placed the manager in an unacceptable position when coupled with his private custody of the individual timesheets and the other factors we discuss above. A skeptical business world simply assumes a higher risk of ghost employees when a payroll process, from hiring to paycheck distribution, is dominated by one person in a remote setting. This basic shortcoming is another symptom of the over-delegation that can result when engineers lack the business support services found in larger organizations.

#### Recommendation No. 4

DEC's designated ethics supervisor should, with comprehensive assistance from the Department of Administration, determine the extent of any conflicts of interest among employees and establish clear boundaries.

Some DEC employees are assigned considerable autonomous discretion on VSW projects. Given the scope of discretion, the Executive Branch Ethics Act contemplates that DEC management will carefully screen outside employment for any conflicts of interest.<sup>46</sup>

Obviously, outside employment should not compromise DEC's needs as a public employer with a limited staff. Conflicts from outside employment may impair employees' eligibility for particular assignments or their impartiality in selecting particular contractors and vendors.

We recommend that DEC's designated ethics supervisor obtain comprehensive assistance from the human resource professionals with the Department of Administration (DOA). In view of DEC management's uncertainty in this matter, a specialist from DOA should interview employees to ascertain the specific nature of any outside employment and to assist them in complying with the ethics act disclosure requirements in a meaningful manner. DOA should then assist the designated ethics supervisor in issuing clear boundaries for outside employment.

As we discuss in Recommendation No. 1, the longer term solution for this and other shortcomings in business infrastructure is to relocate the VSW program within DOTPF's public facilities section.

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<sup>46</sup> We have discussed particular concerns with DEC management. However, due to the confidentiality of ethics act disclosures, this report does not attempt to cite any particular example.

## Recommendation No. 5

For force account projects, the VSW program should adopt regulations setting basic business standards for potential conflicts of interest, transactions with project employees, and nepotism.

Our discussions earlier in this report detail the considerable discretion that on-site managers have in local spending on force account projects. The concept sounds positive in the abstract, with DEC scaling down a cumbersome purchasing bureaucracy to fit local realities. Cash is brought into a local economy, and stays there, as longtime residents get hired and sell the project anything available.

However, in the zeal to "just get things done," DEC has left on-site managers in an unregulated void when it comes to some basic business safeguards that the public has a right to expect. More specifically, these managers are simply left to set their own boundaries when it comes to potential conflicts of interest, transactions with employees, and nepotism.

Such a standard-less void, by default, invites questionable practices that may eventually cross the line into misconduct. While managers' choices may not technically violate existing laws,<sup>47</sup> anecdotes that disappoint public expectations can jeopardize statewide confidence in the program as irreparably as any lawsuit. Development of consistent rules will once again benefit from specialized business expertise outside of the engineering field. Pertinent concepts from the state's ethics act and procurement code will, of course, be a good starting point for the drafting of specific rules that fit the context of these projects.

Our discussions in this report include examples where the same individuals have multiple roles on a project, such as community officers, employees, vendors, and beneficiaries. While such "self dealing" may be a reality and not inherently wrong, VSW projects need standards for scrutinizing the necessity and pricing of such transactions between related parties.<sup>48</sup>

Clear standards regarding nepotism are another needed business safeguard. Employment for an on-site manager's accompanying spouse occurred at two projects in our review, including the frequent 90-hour weeks detailed in Exhibit 6 on page 21. Contrary to DEC's requirements for all force account employees, her employment was not reduced to a written agreement as to position, pay rate, and terms. Rather, her husband-manager set her pay rate, approved her timesheets, and assigned her duties as an "office clerk" or "bookkeeper" as he

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<sup>47</sup> Neither on-site managers nor nonprofit community councils appear to be covered by the Executive Branch Ethics Act.

<sup>48</sup> For instance, DEC paid a community vice-president wages of \$19,185 as well as additional payments of \$3,600 to his private business for building equipment shelters. DEC paid an unallocated lump sum of \$2,000 to another force account employee in a bulk purchase of items ranging from mosquito repellent to chain saws to hand tools to lubricants to a mud pump.

An employee at another project received \$31,419 in wages and over \$45,000 for the rental of his construction vehicles. We also noted that the project was charged \$1,700 more than the quoted price for this vehicle use.

deemed necessary. Her timesheets, like that of the other employees, were kept in the couple's home and never reviewed by the DEC engineer.

Another troublesome situation concerns an on-site manager's personal purchase of a home rented at DEC expense. With the community president as landlord, DEC entered into a one-year oral lease of a two-story, three-bedroom, sauna-equipped house intended to serve as the manager's home/office. At the beginning of the tenancy, repairs were made at DEC expense including plumbing and painting.<sup>49</sup> The on-site manager put the utilities in his own name.

Ten days before the end of the year-long tenancy, DEC approved payment of a bill for \$9,000 in back rent. On the last day of the tenancy, the on-site manager signed a contract to personally purchase the home. While the home was later appraised for \$10,000 more than the purchase price, we note that five years ago, before DEC's plumbing and painting work, the assessed value for the purpose of property taxes was \$31,000 higher than the purchase price. We further note that the sales contract is silent as to any rent due between the end of DEC's lease and the closing date for the manager's personal purchase.

When DEC inquired about this transaction, the on-site manager responded that he (1) had sold his condo in Arizona, (2) had decided to stay in Alaska, (3) was purchasing this house "for the sake of the project,"<sup>50</sup> (4) was doing DEC a favor since it would not have to move its equipment and furnishings, (5) was allowing the community continued use of the office and shop in return for an eventual charitable tax deduction,<sup>51</sup> and (6) was currently completing an application for further DEC funding. He also indicated that the community president and he may sue the state for defamation and implying a conflict of interest by inquiring about the transaction.

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<sup>49</sup> DEC records were not adequate to distinguish employee time and materials for the house repairs from work on the project itself. However, there appear to have been repairs, painting, and plumbing work done on the house, with much of this work concentrated within the nine-day period between May 25 and June 14, 2002.

<sup>50</sup> We recommend that DEC obtain advice from the Department of Law concerning the need to negate any inference that this real estate was purchased on behalf of the state and to negate state liability for any eventual defaults or injuries.

<sup>51</sup> While the on-site manager suggested the availability of this tax deduction, we note that a homeowner association may not qualify as a charity under Internal Revenue Code § 501(c)(3).

## AUDITOR'S COMMENTS

The Village Safe Water program could require meaningful in-kind contributions by capable communities.

Though there have been some exceptions over the years, the usual assumption of the Village Safe Water (VSW) program is that communities invest none of their own funds or property. Under the force account arrangement used by the Department of Environmental Conservation (DEC), the community gets a facility along with paychecks for the local crew that builds it. DEC asserts that the use of force account labor, a business plan, and a local operator fosters a sense of community "ownership" in the completed project.

In some cases, an available workforce is all that can be expected. However, state funding is increasingly strained and federal funding increasingly expects local responsibility, commitment, and sustainability.<sup>53</sup> Communities could be encouraged to expect VSW assistance as a startup partnership, rather than a perpetual entitlement.<sup>54</sup>

There will certainly be legitimate cases in which a community truly has nothing tangible to contribute. However, Exhibit 8 lists examples of local in-kind contributions

EXHIBIT 8 POTENTIAL COMMUNITY COMMITMENT (IN-KIND CONTRIBUTIONS) BY BENEFICIARIES OF VSW PROJECTS
Land for treatment building and water tank <sup>52</sup>
Use of vacant building for construction office
Use of cars and trucks
Use of construction equipment
Use of hand tools
Lodging for on-site manager and visiting specialty contractors
Community landscaping, gardening, and cleanup at construction site

<sup>52</sup> For example, community leaders at one project had considerable land in the area, but we found no discussion of potential land donations or trades for the project site. Rather, DEC without question agreed to pay \$40,000 to purchase the nearby site of choice from someone outside of the community.

<sup>53</sup> See our prior audit of rural energy programs at the Alaska Industrial Development and Export Authority, July 12, 2001, Audit No. 08-30006-01.

<sup>54</sup> We are not the first to question whether the beneficiaries of VSW projects should be expected, when able, to make a tangible contribution to their project's construction. In 1999, a federal inspector general reviewed the use of rural development grants from the U.S. Department of Agriculture. The inspector general's report states:

*Regarding the equipment rental charges, we believe the intent of 7 CFR 1780, Subpart B, Section 1780.49(e) is to prohibit grant recipients from benefiting financially from the use of their own equipment when that use could have been donated to the project reducing the amount of grant funds actually needed. (However, we do believe that RUS [Rural Utilities Service] should continue to reimburse grantees for their incidental costs associated with the use of the equipment such as those expenditures incurred for oil, fuel, and maintenance.)*

that the public has a right to expect in other cases. In other words, as the program moves into more capable communities, DEC should not presume that the program needs to fund every element of the project.

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February 17, 2004

Ms. Pat Davidson  
Legislative Auditor  
Legislative Audit Division  
P.O. Box 11300  
Juneau, AK 99811-3300

Preliminary Audit Report  
Village Safe Water Program, Selected Projects, November 19, 2003.

Dear Ms. Davidson:

We appreciate the opportunity to respond to the subject preliminary audit report. Overall the report remains a disappointment, not because it does not reveal significant need for improvement in some areas – it does, but because it contains so many other poorly informed or inaccurate analyses and findings. We offer our comments with the intent of helping focus the final report on meaningful analyses and more valuable findings. Detailed comments are enclosed. General comments follow.

The audit did not use the well-established body of construction management practices as the standard for reviewing Village Safe Water (VSW) construction management procedures. Instead, the preliminary report relies on vague notions of “normal business safeguards” or “business savvy” as audit standards. Time and again the preliminary report finds fault with practices that are, in fact, well-established, effective norms in the construction management field.

The preliminary audit report still misunderstands, ignores or misrepresents the basic structure for the VSW program. For example, the VSW program often uses a CPA firm to hold and disburse project funds for payroll and procurement. Disbursements must be authorized by both the community and the VSW engineer. This arrangement is effective at involving the community as project owner while maintaining state control over expenditures. The process has been copied by most other state and federal agencies that are funding force account projects in rural Alaska. The draft audit report concludes only that the process creates “ambiguity.” Either the auditors miss the importance of state control over project spending or they do not understand the process.

The preliminary audit report, like the management letter, contains unsupported allegations. For example, Exhibit 2 claims examples of “wasteful spending” in a number of areas with no specifics, alleging only that “contractors dictate changes” or “contractors dictate rates and fees with little scrutiny by engineers.” The report lacks discussion of the specific basis for these conclusions. Absent specifics, the report does not provide information that we can use to examine our processes or to otherwise respond to the allegations.

The audit report, again like the management letter, speculates about what might happen despite the evidence that no problems have ever been experienced. The lengthy discussion of "ghost employees" is a good example. The discussion on program employee conflicts of interest and ethics falls into this category as well. We acknowledge that the audit appropriately examines control systems and the potential for problems, as well as actual instances of problems. In some cases however, the analysis goes well beyond reasonable characterization of the potential for wrongdoing, essentially assuming that criminal activity is inevitable.

The audit relies on one or two rare situations to rationalize sweeping organizational changes. It fails to suggest other options for correcting perceived inadequacies, and instead leaps to a conclusion that the VSW program would be better off within the Alaska Department of Transportation and Public Facilities (DOTPF). The final report should indicate whether the auditors were asked to look at reorganizing VSW within DOTPF, or whether they arrived at that conclusion on their own.

Many of the report's conclusions stand out as groundless:

- There is no basis for faulting DEC procedures to guard against employee conflict of interest due to outside employment (Recommendation No. 4). The agency employs the same Ethics Act procedures as other agencies. The audit revealed no conflicts of interest or other Ethics Act violations. A thorough review by a Department of Administration official found no violations.
- The VSW program's timesheet procedures reflect construction management norms (see Recommendation No. 3). Despite the preliminary audit report's discussion of "ghost employees" it found no evidence of this ever occurring and program practices simply reflect industry norms. Either industry norms should be used as a basis for evaluating VSW practices, or all discussion of this issue eliminated from the report. The program should not be faulted because the auditors are unfamiliar with construction management practices.
- The audit's finding that there is wasteful duplication of bookkeeping efforts is a result of the auditors' unfamiliarity with the complexities of construction management. The suggestion that one set of books could be used is overly simplistic and unrealistic. Including this discussion in the report dilutes the more substantive findings.
- The recommendation that superintendents be paid a salary (Recommendation No. 2) is extraordinarily ill-conceived. The industry norm is to pay superintendents on an hourly basis to accommodate the variability in construction project work schedules. Paying a salary would waste state funds by paying for time that is not actually worked.

The "Auditor's Comments" that communities should contribute to the projects where possible amounts to an endorsement of existing Village Safe Water procedures.

Finally, there is merit in some of the report's conclusions:

- The audit revealed that the VSW program continues to have serious problems with 1099 and I-9 form procedures. Some of the problem stems from confusion over whether responsibility lies with the VSW engineer or the CPA firm. This situation will be corrected through a combination of employee training and amending the CPA firm contract before the next construction season (by May 1 of this year).
- In two, and perhaps three cases, the program did not exhibit sufficient control over superintendent compensation (including salary, travel and housing arrangements). While paying superintendents a salary is not the answer, the program clearly needs to establish better limits on superintendent compensation. New guidance is being prepared and will be in effect before the construction season (by May 1 of this year).
- The audit accurately revealed a single incident of nepotism that should not have been tolerated. A new policy is being prepared and will be in effect before the construction season (by May 1 of this year).
- Finally, we do not dispute that the VSW engineers could benefit from better procurement and contracting support. The program intends to reclassify an existing position to create a contracting officer position in the Village Safe Water program before the end of the current fiscal year.

Again, we appreciate the opportunity to comment.

Sincerely,

Ernesta Ballard  
Commissioner

enclosure

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Alaska Department of Environmental Conservation  
Preliminary Audit Report Comments  
Village Safe Water Program, Selected Projects, November 19, 2003

Findings and Recommendations

Recommendation No. 1: The Governor should, by executive order, place the Village Safe Water program within the public facilities section of the Department of Transportation and Public Facilities.

We strongly disagree with this recommendation. The audit analysis, centered mainly on a single atypical Village Safe Water (VSW) project, is insufficient basis for recommending such a sweeping organizational change, and ignores all of the reasons why the program is housed in the Department of Environmental Conservation (DEC) in the first place.

For example, the recommendation ignores the relationship between the VSW program and the other DEC water and sewer assistance programs: the Municipal Water, Sewerage and Solid Waste Matching Grant (MMG) program, the Drinking Water Loan State Revolving Loan (DWSRF) program, the Clean Water State Revolving Loan (CWSRF) program, and the Remote Maintenance Worker (RMW) program. MMG program staff administer VSW program funds in some communities. VSW and RMW staff work side-by-side in many villages. Loans made through the CWSRF and DWSRF programs are often paired with grants from the MMG program. These programs are all intrinsically linked and having them in a single organization unit produces immense efficiency, affords some flexibility in assigning agency resources, and provides for continuity and a high level of service to client communities. As far as we can tell from the preliminary audit report, the relation of the VSW program to these other DEC assistance programs was never considered.

The recommendation also ignores the efficiency of having the drinking water and wastewater assistance program, including the VSW program, housed in the same agency as the drinking water and wastewater regulatory programs. The assistance and regulatory programs share the same uniquely DEC mission. Assistance and regulatory program staff share the same areas of expertise. Regulatory staff and VSW program staff work hand-in-hand with communities bringing expertise in both the regulatory standards and the means by which they can be achieved.

Finally, the VSW program differs substantially from the DOTPF programs. With an occasional exception, DOTPF does not use a force account process. DOTPF programs do not share the DEC and VSW program mission to protect health and the environment. DOTPF and DEC staffs do not share similar expertise.

Implementing this recommendation would prove tremendously inefficient and wasteful. There are far more effective means to achieve better contracting support for VSW engineers than to place the program within DOTPF.

Recommendation No 2: The state should mandate that on-site managers be paid with a salary rather than on an open-ended hourly basis.

We disagree with this recommendation. Paying on-site managers or superintendents on an hourly basis is a prudent practice and an industry norm. Rural construction projects frequently experience slow periods where minor work items need to be completed but where a full-time superintendent is not necessary. It would be a waste of public funds to pay an individual for a forty hour workweek, when only ten hours were worked.

We examined VSW program superintendent compensation more broadly than the narrowly-focused audit. For the 2002 construction season, the range of regular-hour wages paid to VSW superintendents varied from \$17.50/hour to \$47.50 per hour. The average wage rate was \$35.03 per hour. This compares to the average \$36-\$38 per hour DOTPF pays project superintendents, although DOTPF project superintendents typically receive a State benefit package when VSW superintendents do not.

To deal with the audit's isolated case of a superintendent working on more than one active project at a time, and to otherwise curtail the potential for inordinate compensation due to the cumulative effect of overtime, housing or travel-related payments, we will issue program guidance before the beginning of this coming construction season (before May 1) on superintendent compensation, including per diem and housing allowances.

Recommendation No. 3: The VSW program should institute traditional business safeguards to protect the integrity of force account payrolls.

We disagree with this recommendation. The VSW force account payroll process is spelled out in guidance and works as follows: (1) the community and the VSW engineer set the pay rates based upon prevailing rates in the area; (2) the project superintendent completes the initial hiring paperwork; (3) the superintendent approves daily time sheets and sends a summary to the VSW project engineer and the contract CPA firm; (4) the contract CPA firm mails the pay checks to the superintendent or, in some cases, to the community; and (5) the superintendent distributes the checks and stores the timesheets and personnel files. This process is certainly adequate and reflects industry norms.

The superintendent's job is to review each employee's timesheet for accuracy based on their records of employee hours. The VSW engineers cannot confirm employee hours since they are not on-site and have no knowledge of who worked what hours. Yes, a superintendent could embark on the felony criminal offense of creating "ghost employees." We trust that the criminal justice system provides some disincentive for criminal behavior. We also believe that the voluntary annual financial audits contracted by the program are a reasonable measure to protect against "ghost employees."

Recommendation No. 4: DEC's designated ethics supervisor should, with comprehensive assistance from the Department of Administration, determine the extent of any conflicts of interest among employees and establish clear boundaries.

We disagree with this recommendation. Nothing in the audit suggested evidence of actual conflicts of interest, nor did the audit offer evidence that VSW engineers would be more vulnerable to conflicts of interest than any other state engineering employees.

Nevertheless, we requested that a Department of Administration Senior Resources Management Consultant complete a review of all VSW engineers with respect to ethics disclosures. No evidence of Ethics Act Violations or conflict of interest was found.

Of the 11 VSW employees, only one had been engaged in outside employment on a project wholly unrelated to his responsibilities as a VSW engineer. The review found "no evidence of an Ethics Violation nor . . . any conflicts of interest regarding VSW employees and outside employment or consulting."

Recommendation No. 5: For force account projects, the VSW program should adopt regulations setting basic business standards for potential conflicts of interest, transactions with project employees, and nepotism.

We agree with this recommendation in part. We agree that the nepotism incident revealed by the audit, though isolated, should have been prohibited by program guidance. We also agree that rules governing conflicts of interest would be a valuable addition to the body of Village Safe Water guidance. We will issue programmatic guidance on both nepotism and conflicts of interest before the beginning of next construction season (by May 1 of this year).

We disagree that there is a need for additional rules pertaining to transactions with employees. All purchases are subject to the Village Safe Water procurement procedures, including purchases from persons who happen to be project employees. The combination of the existing Village Safe Water procurement code and a new conflict of interest policy will be sufficient control over transactions with employees.

## ADDITIONAL COMMENTS AND RESPONSES

In addition to our responses to the specific Findings and Recommendations discussed above, we offer the following comments on the rest of the preliminary audit report:

### Objectives, Scope and Methodology.

Page 1, first paragraph, first sentence: "... we conducted an audit of the Village Safe Water program (VSW) administered by the Department of Environmental Conservation (DEC)."

Although the audit claims to have reviewed 20 projects, it truly investigated only three projects all supervised by the same superintendent. Of the three projects investigated, the audit focused on a single project. We believe the audit falls well short of a program audit and is better categorized as a project audit.

### Organization and Function

Page 3, sixth paragraph: "DEC engineers may directly oversee a project or may delegate day-to-day oversight to a construction management firm." DEC does not delegate oversight. It may contract with a construction management firm to provide construction management services.

Page 3, seventh paragraph, second sentence: "However, DEC retains an Anchorage CPA firm to manage a bank account that holds the grant funds 'in trust' for each project community." This alludes to a fiduciary relationship on the part of DEC. Grant funds are not held "in trust" for each project community. They are held by a CPA firm as a matter of program operating procedures.

Page 3, seventh paragraph, third sentence: "The CPA firm issues checks for project expenditures, as directed by DEC." Disbursements are made upon approval of both DEC and the community.

### Background Information

Page 5, third paragraph, third sentence: "Scoring and ranking is conducted by the VSW program management in Juneau, rather than by the Anchorage-based engineers that supervise completion of the selected projects". This is incorrect. Project scoring and ranking is conducted by a three-member team representing VSW, the Alaska Department of Community and Economic Development, and the U. S. Environmental Protection Agency.

Page 6, first paragraph, last sentence: "However, DEC still oversees the project and pays all the bills." Bills are paid using funds granted to the community. Disbursements require the approval of both DEC and the community.

## Report Conclusions

Page 7, second paragraph, first sentence: "*The concerns reflected in the audit request were well-founded.*" We suspect this overstates the audit findings. Perhaps the auditors could claim that some of the concerns were well-founded.

Page 7, second paragraph, second sentence: "*As detailed below, DEC procedures for spending lack some normal business safeguards that the public has a right to expect for construction projects.*" This overstates the audit findings.

Page 7, third paragraph, first sentence: "*. . . public construction is being monitored by a dozen engineers buried within a regulatory agency.*" The Village Safe Water program is a DEC program organized with other drinking water and wastewater assistance programs under the agency's Division of Facility Construction and Operation. The engineers aren't *buried* within a regulatory agency.

Page 7, third paragraph, second sentence: "*. . . these DEC employees suffer from a lack of the usual business support services that enable other state engineers to focus on engineering.*" We agree that VSW engineers, like most public and private engineers, could benefit from better procurement and contracting support. The program will reclassify an existing position to create a contracting officer position in the VSW program before the end of the current fiscal year.

Page 7, fourth paragraph: "*Our recommended solution is to transfer VSW construction to the Department of Transportation and Public Facilities (DOTPF) with its support services, economies of scale, training opportunities, career paths, and business discipline (see Recommendation No. 1).*" This is a bad idea for reasons discussed elsewhere. Engineer career paths within DEC are excellent and equal or exceed those in other agencies. We are interested in the basis for the auditors' comparison of DOTPF and DEC economies of scale, training opportunities, career paths, and business discipline. Where do DEC training opportunities and career paths fall short of DOTPF's? What was used to compare economies of scale?

Page 7, fifth paragraph, first sentence: "*A common thread in our findings is the considerable ambiguity that the program has tolerated in accountability for how project funds are actually spent.*" This statement is vague. What is meant by the term "ambiguity" in this context?

Page 7, fifth paragraph, second sentence: "*This is not surprising given that awarded funds are kept by DEC "in trust" for the recipients and jointly controlled by various parties with procedures that fluctuate considerably in practice.*" Funds are held by a CPA firm to allow for strict control over expenditures and reporting. Funds are not controlled by various parties. Funds are dispersed upon approval of the community and VSW. Procedures are spelled out in various guidance documents. Procedures vary to the extent needed to make sense under the variety of construction situations we encounter.

Page 7, sixth paragraph, first sentence: "*. . . a community's capacity to assume substantial control needs to be carefully evaluated on a case-by-case basis rather than presumed as the norm.*"

It is unclear what is meant by this sentence. If this suggests that the State should simply build the facilities for the communities with no community participation whatsoever, we strongly disagree.

Page 7, sixth paragraph, second sentence: “. . . oversight and accountability need to be documented by agreement in no uncertain terms.” What does this mean?

Page 8, “Unskilled oversight of construction management firms and other engineers allows waste.” This entire section lacks backup and support for conclusions. Many of the conclusions stem from the auditors’ lack of understanding of the VSW procedures.

Page 8, “Exhibit 2: Contracts Allowed Wasteful Spending.” This exhibit lists allegations without offering any idea of the basis for such assertions. For example, the exhibit states that contractors inflate pricing on pass through expenses. What is the basis for this conclusion? Where is it discussed elsewhere in the report? Was this a widespread phenomenon, or was it just one project? Elsewhere the exhibit simply restates vague, subjective observations such as “VSW skills are outmatched by contractor’s business savvy.” Including unsupported allegations gives the appearance of bias.

Page 8, second paragraph, second and third sentence: “However, engineers in DEC are left to draft their own contracts. The result is a loose, haphazard assortment of provisions invented as the need arises, with pricing and billing terms largely dictated by seasoned contractors.” VSW contracts for engineering, design, and construction management are competitively bid with a not-to-exceed price. Pricing and billing terms are not dictated by contractors and contract provisions are not haphazard. Contracts follow the procedures contained in the “Securing Professional Services” section of the VSW procedures manual.

Page 8, fourth paragraph, second sentence: “In Recommendation No. 1, we propose a reorganization in which these well-meaning engineers will get the business support they need so they can refocus on engineering.” We believe our proposal to reclassify an existing VSW position to create a contracting officer position in the VSW program is the optimal solution to the need for increased business support.

Page 8, footnote 9: “We note that one of these communities had a 2000 census population of only 22 persons and, per the state demographer, and estimated 2002 population of only 3 persons.” The community in question is Ivanof Bay. At the time the VSW landfill study grant was awarded to Ivanof Bay, the 2000 census was not available. According to the 1990 census, Ivanof Bay had a population of 35. The estimated population in the VSW grant application (2000) was 40. Therefore, by statute, Ivanof Bay was eligible to receive a VSW grant.

Page 9, footnote 11: “Out of 35 VSW projects with actual construction during the 2002 season, 22 were conducted through a construction management firm, 11 had an on-site manager who reported directly to DEC’s engineer, one used both a construction management firm and an on-site manager, and one was simply run by a general contractor.” No VSW construction project was “simply run by a general contractor”. There was a general contractor carrying out construction work in Bethel, but the project was administered by an engineering firm with oversight by City staff and a VSW engineer.

Page 9, first paragraph, second sentence: *"Based on our discussions with state and federal agencies,<sup>10</sup> we disagree."* Footnote 10 indicates that the auditors consulted "contracting specialists" at DOTPF, the Denali Commission, and the Alaska Industrial Development and Export Authority. We mean no disrespect, but the VSW program has far more experience running construction projects in rural Alaska than the Denali Commission or the Alaska Industrial Development and Export Authority.

Page 9, second paragraph, second sentence: *"While DEC oversees the project and pays all the bills . . ."* This oversimplifies the program disbursement process as discussed previously.

Page 9, third paragraph, second sentence: *"This manager is not from the community and may or may not be a resident of Alaska."* We are not aware of VSW superintendents that are not Alaska residents and question the basis for the statement.

Page 9, fourth paragraph, second and third sentences: *"We have reviewed the compensation for the three highest-paid on-site managers during the 2002 construction season. While DEC defends these wages, we find them excessive and wasteful."* We agree these wages are high and do not defend them. A new policy regarding superintendent compensation is being prepared and will be in effect before the construction season (May 1 of this year).

Page 10, first paragraph, second sentence: *"We found DEC's loose controls over crew payrolls to fall short of normal business safeguards."* The Village Safe Water payroll controls are the industry norm for construction projects.

Page 10, first paragraph, third sentence: *"Those loose controls are symptomatic of the overall ambiguity as to whether DEC or the community is accountable for how project funds are spent."* There is no ambiguity. Both DEC and the community are responsible.

Page 10, second paragraph: *"While we did not find any fraudulently-issued paychecks, such neglect of payroll safeguards is an opportunity for fraud to occur and not be detected (see Recommendation No. 3)."* The payroll safeguards employed by the Village Safe Water program are the industry norm. Payroll fraud is a criminal offense. This statement suggests that the auditors were unfamiliar with construction management practices.

Page 10, third paragraph, second sentence: *"However, the shortcoming once again shows a mismatch between the professional skill set of public engineers and the business savvy needed to protect public spending."* We disagree with the conclusion and the use of the vague concept of "business savvy" as an audit standard.

Page 10, fourth paragraph, second sentence: *"Given the on-site manager's broad discretion over purchasing . . ."* Superintendent purchasing is circumscribed by VSW program guidance.

Page 10, fifth paragraph, first sentence: *"DEC's oversight procedures . . . show a lack of business skills in areas such as purchasing, risk management, and compliance with tax laws."* The reference to "risk management" is unclear. What "risk management" problems were found?

Page 10, fifth paragraph, second sentence: *"Some of these problems simply waste public money . . ."* We find it odd to characterize something as a "simple waste of public money."

Page 10, footnote 13, second sentence: *"At least one engineer allows the on-site manager to choose the source up to \$25,000 without preapproval."* The VSW Standard Procurement Policy, dated March 1, 1999 states that for items costing \$5,000 or less, the minimum procurement action is discretionary competition. For items costing from \$5,001 to \$50,000, the minimum procurement action is written quotes or proposals from at least three firms. For items costing \$50,001 or more, the minimum procurement action is sealed bids or proposals, with notice requesting bids placed in a newspaper of general circulation for a minimum of four days at least 14 days before bids or proposals are due. Prior to 1999, VSW procedures allowed superintendents to procure goods or services costing \$25,000 or less (in accordance with the VSW procurement rules) without pre-approval of the VSW project engineer. In the isolated case cited, a superintendent's contract had been renewed without updating to the new procurement process. The superintendent in this case never exercised the outdated \$25,000-or-less delegated procurement provision.

Page 10, footnote 15: *"For instance, local ordinances exempted project purchases from local sales taxes, which could total 5%. However, we noticed a variety of purchases in which the on-site manager did not attempt to claim the exemption. DEC approved payment even though the bills or receipts clearly included the local tax."* Although this was clearly an oversight on the part of the Voznesenka superintendent and the project engineer, we believe this statement suggests that this was a frequent occurrence resulting in the loss of sizable sums. In fact, the purchases which included the local tax were for photo processing and minor office supplies.

Page 11, *Exhibit 4: Unexplained High Costs for Common Hand Tools and Supplies.* This Exhibit serves to demonstrate the auditors' basic unfamiliarity with the rural Alaska environment. The Exhibit also does not indicate quantities, so it is impossible to tell whether an \$11 purchase of "Post-It Notes" refers to single note or an entire case of notes.

Page 11, second paragraph, second and third sentences: *"However, we also expect that a skilled purchasing agent could negotiate bulk purchases of such items that would service numerous projects. Such business economies of scale are an unrealistic expectation, though, by DEC's unsupported engineers."* This shows a lack of understanding of the basic statutory structure for the VSW program. We have neither the authority nor means to aggregate funding sources for bulk purchases.

Page 11, third paragraph, first and second sentences: *" . . . up to five different bookkeeping systems concurrently track how much money is left. This redundant bookkeeping is wasteful."* Each bookkeeping system serves a unique purpose. This finding is a result of the auditors' unfamiliarity with the complexities of construction management. The suggestion that one set of books could be used is overly simplistic and unrealistic.

Page 12, second paragraph, second sentence: *"One on-site manager employed his spouse to act as an on-site bookkeeper, and purchased a \$2,700 computer system out of project funds."* The

purchase of a computer at the start of a project using project funds is common practice. The computer is needed to establish an effective office at the construction site. Upon completion of the project, the computer is left with the community to assist them in utility management. We see nothing wrong with this practice.

Page 12, second paragraph: *"Yet another unofficial system, tracking by the community itself, may exist at some sites. For instance, \$1,700 of a project's money was used to send an officer of a community council to Anchorage for a two-day QuickBooks course."* This was the Voznesenka project. This training was not related to construction cost tracking. This training was for the purpose of increasing the community's utility management capability.

Page 12, fifth paragraph, first sentence: *"DEC engineers were apparently unaware that longstanding federal tax laws require Form 1099 reporting of some payments to vendors that exceed \$600."* We agree VSW continues to have serious problems with 1099 and I-9 form procedures. Some of the problem stems from confusion over whether responsibility lies with the VSW engineer or the CPA firm. This situation will be corrected through a combination of employee training and amending the CPA firm contract before next construction season (by May 1 of this year).

Page 13, second paragraph, first and second sentences: *"A similar issue arose when another on-site manager was paid wages as an employee while sizeable additional payments were paid directly to his private business. Among these additional payments was \$4,662 in per diem and \$7,700 designated as a reimbursement for health insurance premiums."* Health insurance and per diem costs were part of the superintendent's employment contract with the grantee (the City).

Page 14, second and third paragraphs: These paragraphs discuss the need for better monitoring and safeguards over outside employment. As stated earlier, a Department of Administration Senior Resources Management Consultant completed a review of all VSW employees with respect to ethics disclosures and found no evidence of Ethics Violations or any conflicts of interest regarding VSW employees and outside employment or consulting. In fact, only one of the 11 VSW engineers had any outside employment at all, and that single, small project posed no Ethics Act concern whatsoever.

Page 14, fifth paragraph: *"Nine projects were funded for communities on the road system that lacked formal status as a unit of local government. While six of these locations have long traditions of pre-statehood settlement, two others (Voznesenka and Nikolaevsk) present the fundamental issue of program expansion into recent subdivisions. VSW leadership needs to openly consider this issue before straying further from the implicit public assumptions for the program."* We believe that legitimate public assumptions for the program stem directly from statute. The definition of "village" is found at AS 46.07.080. For VSW purposes, a village includes "an unincorporated community that has between 25 and 600 people residing within a two-mile radius, a second class city, or a first class city with not more than 600 residents." The Legislature clearly intended to make roadside communities eligible for the program. There are numerous examples of statutes that distinguish between remote communities and roadside communities. The Village Safe Water Act is not one of them. We do not agree with the audit

report's suggestion that we abandon the statutory definition of eligibility for the auditors' notion that roadside communities should be ineligible.

Page 15, second paragraph, first sentence: *"The VSW program was never intended to displace the usual funding mechanisms for improvements in modern subdivisions on the road system."* The program was intended to serve roadside communities. By its very nature, the Village Safe Water program subsidizes the development of community water and sewer systems. The capital costs of essentially all water and sewer infrastructure in the U.S. have been subsidized by federal or state programs to some extent. The intent of the Village Safe Water program is clearly expressed in statute.

Page 15, fourth paragraph, second sentence: *"Seven wells were drilled, including the region's deepest of 680 feet, without finding one that consistently delivered the quantity and quality of water needed by the community."* This was the Voznesenka project. A total of seven wells were drilled in the community. Five are producing varying quantities of water. Taken together, these wells will provide an adequate supply of water for the community. Well drilling is not an exact science and a well driller cannot, nor should reasonably be expected to guarantee that each well will provide a significant supply of water.

Page 15, fifth paragraph, second sentence: *"Other questionable priorities were purchases such as a \$33,000 pickup truck, signage costing \$3,100 and a \$4,000 archaeological survey."* These costs are associated with the Voznesenka project. The truck cost \$30,288 and is not a pickup truck, but a utility truck registered to the Voznesenka Community Council. The \$3,100 for signage was a prudent use of project funds. An archeological survey was required by the Department of Natural Resources (DNR), Office of History and Archeology. The archeologist selected is on the DNR approved list of archeologists. The archaeology costs are in line with standard rates.

Page 16, second paragraph, first sentence: *"This type of questionable spending implicitly treats DEC funding as a general purpose, discretionary block grant, rather than funding that is to be narrowly-focused on a specific health related facility."* There is no basis for suggesting that VSW project funds are being treated as a general purpose, discretionary block grant. The audit report, as far as we can tell, unearthed no costs that were not directly related to the projects.

Page 16, first paragraph, second sentence: *"It also reflects an implicit strategy that, once you drive that first stake, the legislature will never leave a project unfinished and always provide more money."* Projects are phased to the extent possible to provide a responsible end point when each grant is completed. There is no presumption of the inevitability of continued funding as suggested.

Page 16, third paragraph: *"In our Auditor's Comments section, we discuss the need to reassess the tradition of full funding and suggest requiring meaningful in-kind contributions by capable communities."* This comment is an endorsement of existing VSW policy.

Page 16, footnote 32: *"Though no archeological sites had ever been discovered near the construction site, DEC indicates that the Department of Natural Resources ordered a study for the purposes of the Federal Historic Preservation Act. The on-site manager then hired a local college*

teacher to conduct an immediate study for \$4,000. The teacher conducted two days of field work, looked at nine "shovel tests" and wrote a four page report indicating that nothing had been found. Once again, the state would have benefited from specialized skills in negotiating the prices, as well as the real need for a full study in the first place." We contacted the Department of Natural Resources, Office of History and Archaeology. The reason they recommended an archeological survey was because very few surveys had been completed in the area and it was believed that the area could have archaeological significance. The survey was conducted by the head of the anthropology program at the University's Kenai Peninsula College. We believe the cost of the survey is comparable to the cost of similar surveys in similar situations. Of additional note, the auditors seemingly fail to realize the importance of surveys and that it is much more cost effective to conduct surveys in advance of construction than to contend with archaeological issues during construction. We believe that most persons familiar with construction, the cost of archaeological surveys, and potential impacts of archaeological issues arising during construction would deem the \$4,000 money well spent.

### Findings and Recommendations

Page 17, third paragraph, second and third sentences: *"The six most senior VSW engineers have a total of 100 years of experience in constructing rural water and sewer facilities. Unfortunately, there is a mismatch between these special talents and the morass of non-engineering administrative tasks that consume their day."* The second sentence overstates the situation. Some degree of non-engineering work is commonplace for engineers in the public sector.

Page 17, fifth paragraph: *"Two DEC engineers estimate that they spend only ten percent of their time on the actual engineering tasks needed to help their communities."* This statement lacks specificity in its use of the term "actual engineering tasks." Again, we suggest that the vast majority of public sector engineers spend the majority of their time on activities that they do not consider "actual engineering tasks." The audit report statement is not particularly illuminating and only suggests that VSW engineers are no different in how they view their jobs than other public sector engineers.

Page 18, first paragraph, first sentence: *"Forcing DEC engineers to wear all these hats places them in an untenable, no-win posture few would envy."* We agree that VSW engineers wear a variety of hats. Although the audit report suggests that this is undesirable, it is a reality of being a public engineer doing business in rural Alaska. We do not believe VSW engineers are placed in "an untenable, no win posture". And apparently the VSW engineers themselves do not think their positions are undesirable, as the program has experienced very little turnover.

Page 18, second paragraph: *"DEC, expectedly, defends the status quo, mainly asserting that DEC engineers have ready access to the DEC regulators who issue the necessary permits for water and sewer projects. We question, though, whether that relationship is really an advantage instead of another weakness in the current placement."* All VSW projects undergo the same regulatory processing as all other drinking water or wastewater projects. VSW projects do not receive preferential or expedited treatment.

Page 18, third paragraph, first and second sentences: *"The public expects DEC to function as an impartial regulator. Public confidence in this function is threatened, not enhanced, when a regulated developer shares the same organizational identity and the same physical office."* Again, we take exception to any allegation that VSW projects receive preferential or expedited treatment during the permitting process. DEC functions as an impartial regulator. We do not share the audit report's view that public confidence has been eroded, and point out that the public also expects state programs to operate efficiently. From an efficiency standpoint, the VSW program is optimally housed within DEC.

Page 18, fourth paragraph, first sentence: *"However, the main reason to reassign VSW construction is DEC's lack of the necessary business infrastructure to safeguard spending from abuse."* We disagree for reasons stated previously.

Page 18, fifth paragraph, first sentence: *"VSW engineers will benefit from the business discipline, support services, training opportunities, and career paths found at DOTPF."* We disagree. We also doubt that DOTPF could support the VSW program without additional personnel and financial resources.

Page 18, paragraph six, third sentence: *"Despite this managerial status, compensation under the contract has been on an uncapped, self-reported, hourly basis, with the potential for copious overtime pay, rather than a fixed salary."* We indicated previously our agreement with this characterization of an isolated case.

Page 18, footnote 36: *"Despite the talents of DEC engineers assigned to the VSW program, the size and unique classifications of their work group foreclose meaningful opportunities for internal advancement. DOTPF, on the other hand, offers a full career path of engineer positions up through Engineer V."* The five-step career path available to VSW engineers begins with the VSW Engineering Assistant job classification and continues with VSW Engineering Associate, VSW Engineer I, VSW Engineer II, and VSW Engineer III.

Page 19, first paragraph, first and second sentences: *"Although not a permanent resident, an on-site manager can become quite popular with the community. VSW procedures do not encourage a community to monitor a manager's compensation."* This statement constitutes a gross generalization.

Page 19, second paragraph: *"The normal business solution is hardly novel: pay these managers with a competitive fixed salary for full-time, temporary employment judged under specific performance milestones."* This solution is certainly novel in the construction management field. Its novelty as a construction management practice stems from the widely-recognized fact that paying construction superintendents a salary will waste funds paying for time that is not actually worked. The audit report suggests the wrong solution.

Page 19, fourth paragraph, first sentence: *"During the 2002 construction season, this pay arrangement resulted in an extraordinary level of gross income for some of these on-site managers (see Exhibit 3 on page 9)."* This reference and Exhibit 3 pertain to only the three highest paid VSW superintendents. We examined VSW program superintendent wages more

broadly than the narrowly-focused audit. For the 2002 construction season, the range of regular-hour wages paid to VSW superintendents varied from \$17.50/hour to \$47.50 per hour. The average wage rate was \$35.03 per hour. This compares to the average \$36-\$38 per hour DOTPF pays project superintendents, although DOTPF project superintendents typically receive a State benefit package when VSW project superintendents do not. However, we agree that there were two, and perhaps three cases in which the program did not exhibit sufficient control over superintendent compensation.

Page 19, footnote 37: *"The community usually contributes none of its own money to the project. Communities are prohibited by statute from contributing to the cost of construction.*

Page 19, footnote 38: *"DEC's limited control was apparent when its engineer directed one community to reduce the number of workdays specified in its employment agreement with the on-site manager. The community declined and continued its previous arrangement. DEC's ambiguous authority was also apparent when the same community leadership asked the engineer, 'Can you be fired?'"* The example does not demonstrate ambiguous authority. What it does demonstrate is that the VSW program engineers exhibit control over project spending. That the communities do not always appreciate the continuing level of cost and expenditure control is not surprising.

Page 21, first paragraph, first sentence: *"The high wages are a function of hourly pay arrangements with uncapped overtime."* Based on information discussed previously, we do not agree that VSW hourly superintendent wages exceed norms.

Page 21, fourth paragraph: *"DEC's written procedures, DEC engineers, and the contracts themselves were all silent on such costly nuances of overtime for these hourly employees. DEC engineers unapologetically indicated that they simply left it to the discretion of the on-site manager to claim time as he deemed appropriate."* Again, we agree with the need to control overtime to guard against recurrence of the isolated incidents discussed in the report. New guidance regarding superintendent compensation is being prepared and will be in effect before the construction season (May 1 of this year).

Page 22, Exhibit 7 *"14-Plus Hour Workdays Claimed by VSW's Highest Paid On-Site Manager and His Spouse"* and Page 21, Exhibit 6 *"Weekly Hours Claimed By VSW's Highest Paid On-Site Manager and His Spouse."* (At this point in the report, we cannot help but wonder how many different ways a single audit report can cite the same information on overtime and bring up the same single nepotism case. What purpose does the repetition serve?) Once again, we agree with the need to better control overtime and to prohibit nepotism. Guidance to address superintendent overtime and nepotism issues is being prepared and will be in effect prior to the construction season (May 1 of this year).

Page 22, first paragraph: *"Given the continued FY04 funding for some of this work, these problems may well continue without direct intervention."* These problems will be addressed via guidance that is being prepared and will be in effect prior to the construction season (May 1 of this year).

Page 22, fourth paragraph, last sentence: *"On the third project, there were no engineer site visits during 2002, and the on-site manager simply decided not to complete any daily field reports."* The third project referred to was a project in Nulato. There were no engineer site visits because there was not enough work activity to justify the time and cost of such visits. By not completing daily field reports, the superintendent violated procedures contained in the VSW Superintendent's Manual, which state that Daily Field Reports are to be completed. Progress on the very limited field work was summarized, however, in Pay Period Progress Reports. This was the same superintendent that was working on the Voznesenka and Nikolaevsk projects. In addition to the summary reports, the superintendent verbally apprised the VSW engineer of status and progress.

Page 22, footnote 42: *"In fact, one DEC engineer candidly told us that he would not know what to look for if the timesheets were sent to him review. Another told us that he simply would not have time to review them."* The VSW engineers have no basis for reviewing individual timesheets as they are not on site. Individual timesheet review and preparation of timesheet summaries is the job of the project superintendent on VSW and other construction projects.

Page 22, footnote 43: *"Though DEC and its on-site manager cooperated with our request, it was clear from the logistical hurdles that DEC seldom, if ever, attempts to inspect such timesheets for legitimacy, accuracy or even existence. However, such oversight is an important business safeguard given the traditional risks we discuss in Recommendation No. 3."* The VSW program's timesheet procedures reflect construction management norms. The DEC engineers do not review individual timesheets, nor should they.

Page 22, footnote 44: *"Though DEC asserts there was only limited activity at this project during 2002, we note that the on-site manager received approximately \$21,000 in gross wages for work done at that site. Also, his spouse grossed approximately \$5,500 in wages at this project during 2002. The superintendent oversaw the following project activities during 2002: construction of diversion berms in the wetland discharge area; repairs to the sewage lagoon; and construction of a concrete skirt and effluent discharge pipe."*

Page 23, second paragraph: *"A common form of construction site corruption is "ghost employees", that is, fictitious workers' paychecks that are cashed by someone in a position to manipulate the system."* The VSW program's timesheet procedures reflect construction management norms. Despite the preliminary audit report's discussion of "ghost employees" it found no evidence of this ever occurring and program practices simply reflect industry norms. Either industry norms should be used as a basis for evaluating VSW practices, or all discussion of this issue eliminated from the report.

Page 23, fourth paragraph, first and second sentences: *"The traditional business safeguard is to assign the key stages in a construction payroll to different people that serve as a cross check on each other. In other words, particularly at a remote site, the same individual simply should not (1) complete the initial hiring paperwork, (2) set the pay rates, (3) approve the hours on daily time sheet, (4) store timesheets and personnel files, (5) complete daily activity reports, and (6) physically hand out the paychecks."* "Traditional business safeguards" should not be substituted for the more appropriate standard of construction management norms. Of additional note: VSW superintendents do not set pay rates.

Page 23, fifth paragraph, first and second sentences: *"DEC's ambiguous written procedures theoretically insist upon some oversight. However, most DEC engineers now appear to leave the whole payroll process from start to finish to the unreviewed discretion of the on-site manager."* Timesheet summaries are submitted by superintendents and are reviewed by VSW. The VSW program's timesheet procedures reflect construction management norms.

Page 23, fifth paragraph, third and fourth sentences: *"While we did not discover any 'ghost employees,' we are surprised that DEC fails to appreciate the risk and surprised that on-site managers would allow DEC to place them in a position so vulnerable to suspicion."* As stated elsewhere, the VSW program's timesheet procedures reflect construction management norms. Despite the preliminary audit report's discussion of "ghost employees" it found no evidence of this ever occurring and program practices simply reflect industry norms. Either industry norms should be used as a basis for evaluating VSW practices, or all discussion of this issue eliminated from the report.

Page 23, paragraph six, third sentence: *"Between the three projects, the on-site manager failed to provide DEC with the required agreements for 35 employees, including his spouse."* The three projects referenced were the Voznesenka, Nikolaevsk and Nulato projects. Each of these projects had the same superintendent. Following the discovery of the missing agreements by the auditor, we reviewed the files for these projects and the proper employment forms are now in place. Again the audit brings up the single case of nepotism.

Page 24, second paragraph: *"Nevertheless, this scenario placed the manager in an unacceptable position when coupled with his private custody of the individual timesheets and the other factors we discuss above. A skeptical business world simply assumes a higher risk of ghost employees when a payroll process, from hiring to paycheck distribution, is dominated by one person in a remote setting. This basic shortcoming is another symptom of the over-delegation that can result when engineers lack the business support services found in larger organizations."* We reiterate: the VSW program's timesheet procedures reflect construction management norms. Despite the preliminary audit report's discussion of "ghost employees" it found no evidence of this ever occurring and program practices simply reflect industry norms. Either industry norms should be used as a basis for evaluating VSW practices, or all discussion of this issue eliminated from the report.

Page 24, paragraph 6: *"As we discuss in Recommendation No. 1, the longer term solution for this and other shortcomings in business infrastructure is to relocate the VSW program within DOTPF's public facilities section."* We disagree for reasons stated elsewhere in this response.

Page 24, footnote 46: *"We have discussed particular concerns with DEC management. However, due to confidentiality of ethics act disclosures, this report does not attempt to cite any particular example."* The report could not "cite any particular example" because none existed, not because of confidentiality concerns. The audit revealed no conflicts of interest or other Ethics Act violations. A review by a Department of Administration official found no violations.

Page 25, second paragraph: *However, in the zeal "just to get things done", DEC has left on-site managers in an unregulated void when it comes to some basic business safeguards that the public has a right to expect. We disagree with the characterization of the VSW process as unbounded "zeal 'just to get things done.'"* For the most part, the VSW program guidance contains sufficient instruction to guide program activities.

Page 25, fifth paragraph, first sentence: *"Clear standards regarding nepotism are another needed business safeguard. The audit accurately revealed an incident of nepotism that should never have been tolerated. A new policy on nepotism is being prepared and will be in effect before the construction season (by May 1 of this year).*

Page 26, paragraph one, first sentence: *"Another troublesome situation concerns an on-site manager's personal purchase of a home rented at DEC expense."* This statement is in regards to the Voznesenka project. This statement is simply untrue. The superintendent did not purchase the rental home.

Page 26, paragraph one, third sentence: *"At the beginning of the tenancy, repairs were made at DEC expense including plumbing and painting."* This is correct and we agree that it was a questionable judgment. The audit report, however, should point out that the improvements were necessary, at least in part, to allow the residence to serve as crew quarters. The report's implication that the work was simply a matter of improving the home for the personal comfort of the superintendent should be amended to reflect the complete picture.

Page 26, third paragraph: *"When DEC inquired about this transaction, the on-site manager responded that he (1) had sold his condo in Arizona, (2) had decided to stay in Alaska, (3) was purchasing this house for the sake of the project, (4) was doing DEC a favor since it would not have to move its equipment and furnishings, (5) was allowing the community continued use of the office and shop in return for an eventual charitable tax deduction, and (6) was currently completing an application for further DEC funding. He also indicated that the community president and he may sue the state for defamation and implying a conflict of interest by inquiring about the transactions."* The audit report should indicate that the superintendent did not purchase the home.

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OFFICE OF THE COMMISSIONER

February 5, 2004

Ms. Pat Davidson, Auditor In-Charge  
Division of Legislative Audit  
PO Box 113300  
Juneau, AK 99811-3300

Dear Ms. Davidson:

I appreciate the opportunity to respond to Legislative Audit's preliminary report concerning the Village Safe Water (VSW) Program, Selected Projects. As I stated in my response to the management letter of the same program, my review of the audit is based on the Department of Transportation's program of competitive public works construction projects rather than the Village Safe Water program of grants to communities. As such, these are two very different programs.

The Department participates with the Department of Environmental Conservation (DEC) in many of the VSW projects by designing the road or boardwalk that becomes part of the project. However, we typically will do a Memorandum of Agreement (MOA) with an entity such as the Bureau of Indian Affairs (BIA) or the Alaska Native Tribal Health Consortium (ANTHC) for construction.

Adding \$100 million a year to our normal program, such as last year's bond package did, was an additive increase, and has taxed our resources, but to add an entirely new type of program, such as VSW, would require additional personnel and resources.

The Department of Transportation will gladly assist the Department of Environmental Conservation and the Village Safe Water Program in any way DEC desires, including making our business and contracting support services and training programs available to the VSW Engineers.

Sincerely,

Mike Barton  
Commissioner

February 13, 2004

Members of the Legislative Budget  
and Audit Committee

We have reviewed the response to our preliminary audit on the Department of Environmental Conservation (DEC), Village Safe Water (VSW) Program. Nothing contained in the response gives us cause to reconsider our findings, recommendations, or conclusions.

DEC's response indicates a willingness to address some of the management control weaknesses discussed in the report and have included estimated implementation dates for improved controls over tax reporting issues, superintendent compensation, and nepotism. DEC also recognizes the need to improve procurement and contracting support for the VSW program. However, the response also listed a number of objections to other management control weaknesses discussed in the report. Most of these objections can be grouped into five general categories which are discussed below.

Appropriate audit criteria

DEC asserts "standard construction management practices" were not used as the criteria for evaluating this program. This audit compared VSW practices to those required of it by: 1) the Environmental Protection Agency (EPA); 2) the U.S. Department of Agriculture (USDA); 3) VSW procedure manuals; and 4) standard procurement and accounting controls. We do not agree with DEC that the program should be allowed to ignore EPA, USDA, and VSW requirements. Even if some of the construction industry follows looser procedures, VSW must adhere to the procedures established by its program and by its public entity status.

All audit findings discussed with department staff

DEC's response states we did not provide information that the department needed to examine its processes or to respond to the audit report. This is untrue. We obtained most of our audit evidence from DEC staff and discussed all significant factual finding with at least two DEC staff members. This is done in the normal course of all of our audits. Further, Government

Audit Standards require reports to be clear and concise, as lengthy, highly-detailed reports are not effective in communicating with the public.

Ambiguous responsibility for project funds

DEC's response takes exception to our use of the term "in trust" and says "*grant funds are not held 'in trust' for each project community.*" In direct contrast, the VSW procedure manual, which sets the ground rules by agreement with the federal funding agencies, includes a letter from EPA that states, in part:

*According to the [VSW] manual and confirming discussions with [named employees] of VSW, the state's "grant offer" to the village stipulates that a VSW engineer will represent the village in all technical matters related to the . . . project, and is the sole person to approve invoices and timesheets for payment. . .*

*Basically the village does not control the grant funds and is not accountable to the state for expenditures, and is therefore not a true "subgrantee. . ."*

*According to our regional [EPA] counsel, the true relationship that exists between the state and the villages during the course of these projects is in the nature of a trust where control of the project funds actually rests with the state for the benefit of the villages. Upon completion of a project, title to the facilities then passes from the state to the villages, completing the trust. [emphasis added]*

Further, an attorney general memorandum of advice<sup>1</sup> directed to DEC states the following:

*The accounting firm is a trustee acting on behalf of the villages and is procured by [DEC]. . . The accounting firm maintains a check register, writes payroll and pays vendors for deliverables of the project which have been approved by DEC's VSW engineer. . . Under its trusteeship, an accounting firm may maintain several villages' accounts. . . [emphasis added]*

Such an oversight status obviously carries important fiduciary responsibilities.

Lack of perceived need for improved spending controls

Each example of questionable purchasing was reviewed with the individuals that approved them for DEC. As necessary, we conducted a further review with the employee's supervisor. For instance, we clearly state that DEC's engineer was unable to obtain an adequate justification for the prices of the items shown in Exhibit 4 on page 11 of the audit report. We

<sup>1</sup> Department of Law memorandum 663-97-0368 (Feb. 3, 1998), pp. 2, 3.

reviewed the documentation with the engineer in each instance, who in turn had the opportunity to review it with the on-site manager. The point was that the documentation should have supported the pricing at inception and it certainly should have supported it after these additional steps.

DEC's response downplays the waste from unnecessary payments of sales tax. From the pattern we observed with a variety of vendors, not just isolated "minor office supplies" as indicated in the response, opportunities to economize were simply neglected.

Similarly, there is an attempt to deflect concerns regarding the \$1,700 expense-paid trip for basic computer training that was available for \$102 from the local college or from the State itself at no charge. The point was, of course, not to refute the need for the training itself, rather to point out the wasteful excess expenditure.

Finally, DEC's response also suggests that the seven wells drilled for a 55-home project function as some sort of coordinated network. However, DEC records instead show a frustrating geophysical search for water that should have been resolved long before the funds were all dissipated into the numerous lesser priorities we list in the report. The DEC engineer currently states that there may be some upcoming feasibility work to determine if two of the seven wells can be linked or if a new water source will be need to be found.

#### Minimized need for timesheet reviews

Some of the neglected procedures are specified in the VSW procedure manual itself. While DEC's response cites "industry norms" in a generic fashion, references to its own prescribed rules are markedly absent. This highlights a problem since the VSW procedure manual serves as the program's ground rules by agreement with the federal funding agencies.

For instance, DEC dismisses the need for VSW engineers to approve the timesheets signed by force account employees and the on-site managers that may be paid over \$100,000 a year. Though the VSW manual has accumulated some ambiguities over the years, it still contains definite instructions for these timesheets to be forwarded to the assigned DEC engineer for approval.<sup>2</sup>

Despite the manual's guidance, DEC's response states that "[t]imesheet summaries are submitted by superintendents and are reviewed by VSW" [emphasis added]. This reflects a discrepancy between what the engineers do in practice and what DEC management expects to be done.

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<sup>2</sup> For instance, Section I of the manual states that "The Village Safe Water Project Engineer must approve all invoices and timesheets for payment by [the contract CPA firm]." DEC's proposed redraft of the manual states, "The Village Safe Water Engineer responsible for a project must stamp and approve all invoices and timesheets for that project." DEC's supplementary manual for on-site managers states, "Original timesheets will be forwarded to the Project Engineer along with the pay period construction progress report . . ."

In the projects selected for our detailed review of payroll procedures, the assigned engineers indicated that they reviewed neither individuals' timesheets nor summaries of timesheets. In interviews of other DEC engineers, we discovered that even reviews of the summaries were actually the exception rather than the rule.

#### Oversight of potential conflicts of interest

Our report cited an on-site manager's plans to personally purchase the home that DEC had improved and rented for his project duties. The seller was the president of the community that owns the VSW project. DEC's response simply states that "*the superintendent did not purchase the home.*"

Information regarding this planned purchase was reported to us by three DEC engineers and supplemented by records they supplied. The records clearly showed that DEC approved the back rent and that the on-site manager intended to occupy the home in a personal capacity at the end of the lease, settled on a formal closing date for the purchase, obtained a survey and an appraisal of the property in preparation for purchase, received an estimate of closing costs from a lender, and intended to proceed with the purchase.

We appreciate the information that this purchase may have been modified or cancelled. Nevertheless, the fact remains that this type of situation was allowed to progress. This incident illustrates the need for DEC to articulate clear expectations for both its own employees and those employed by project communities.

Similarly, DEC insists that it has now reviewed the Executive Branch Ethics Act with its own employees and satisfied itself as to their conformance. Our review of past disclosures and management's approach to them showed a substantial need for improvement in DEC's procedures to prevent violations. We appreciate the commissioner's assurance that this issue has been thoroughly addressed.

In summary, we reaffirm the findings and conclusions presented in the report.

Pat Davidson, CPA  
Legislative Auditor

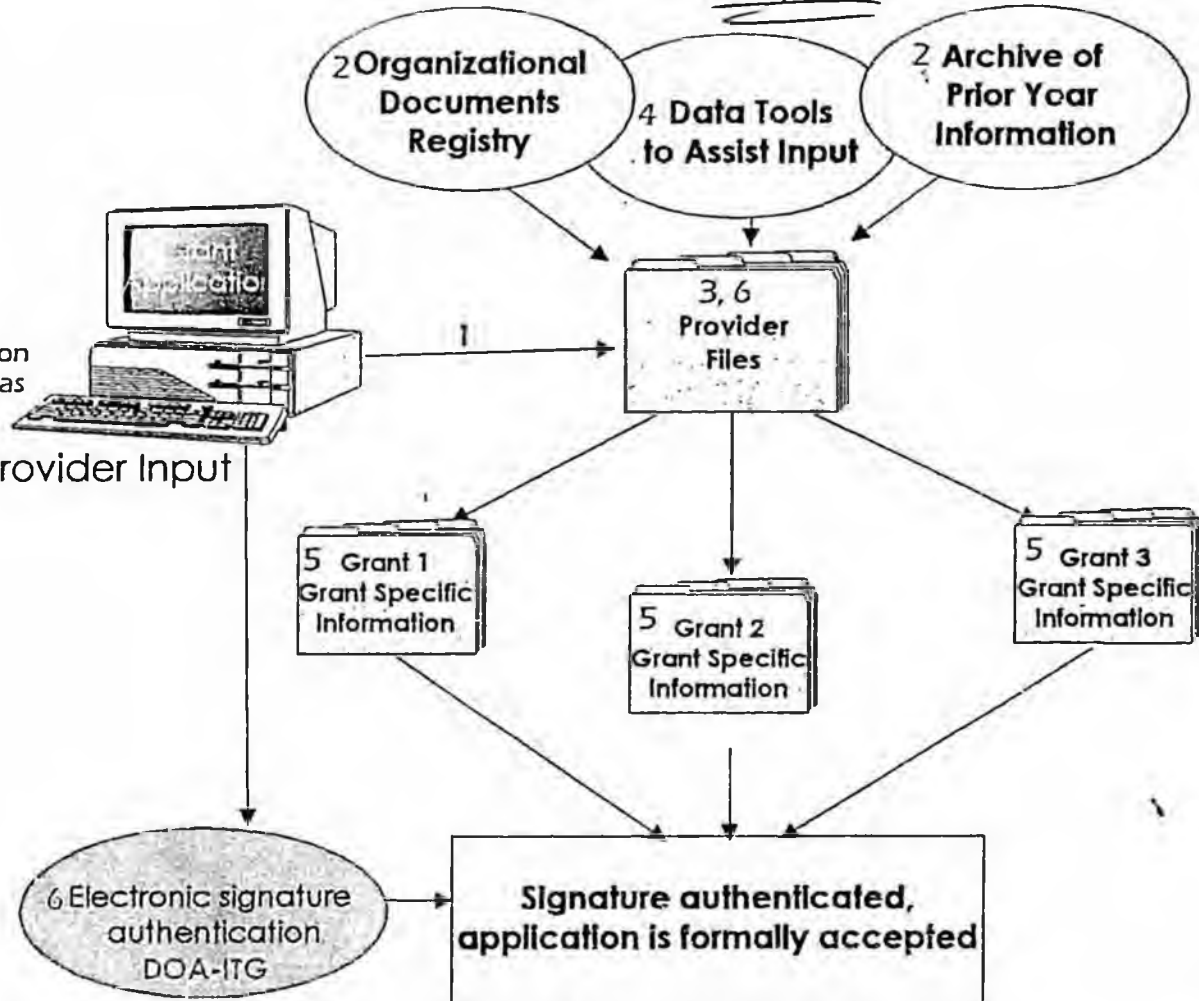
# Electronic Grant System

DHSS

Application

Internet

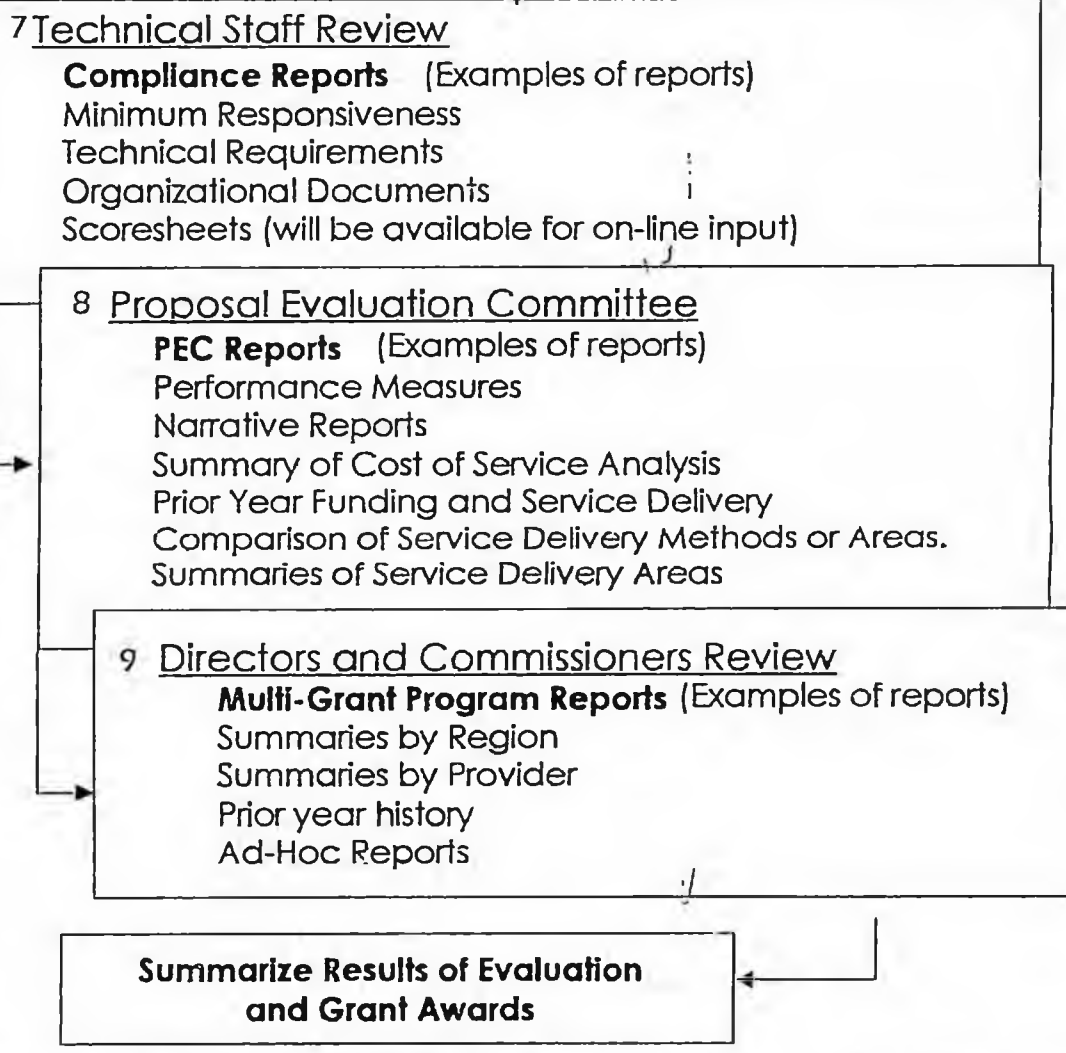
1. Grant application is input on line
  2. Information previously submitted automatically populates the screen.
  3. User updates or adds information which is stored in a provider file unique to their organization.
- Letters of support, recommendations, MOA's and other third party documents in support of the application (that are in electronic form) can be stored here or sent as e-mails to provider files.
4. List boxes, radial buttons, on-screen help, error messages and other resources facilitate the entry of non-grant specific provider information.
  5. User selects grant program or programs and enters grant specific information into grant application.



Evaluation

Intranet

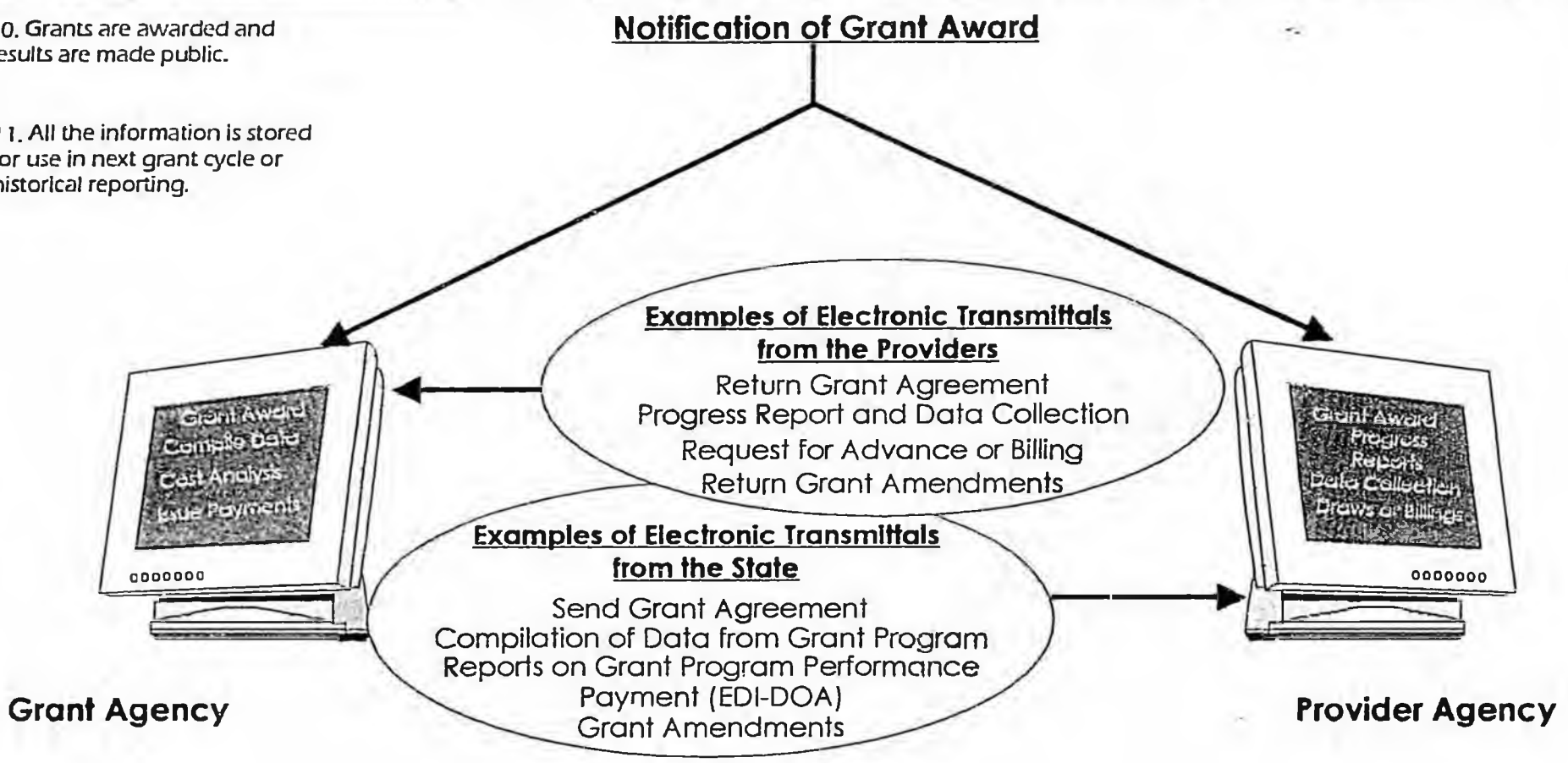
7. Information for each grant program is compiled or summarized in reports for dissemination to evaluators for technical review. If projects meet minimum responsiveness requirements they are forwarded to the next step in the evaluation process. This example assumes a competitive grant process, however the grant system would be designed to accommodate alternate means of fund distribution.
8. The current process calls for duplication and distribution of the whole RFP to each PEC member. An electronic process would identify the specific items the PEC evaluates and generate reports for distribution which would include only the information needed by the PEC. Any inequities in scoring can be more easily discovered by statistical analysis of scoring and quickly remedied.
9. Results of the PEC process can be summarized for further evaluation by Division Directors and for the Commissioner based on policy and grant award criteria specific to the grant program or overall resource allocation.



Management

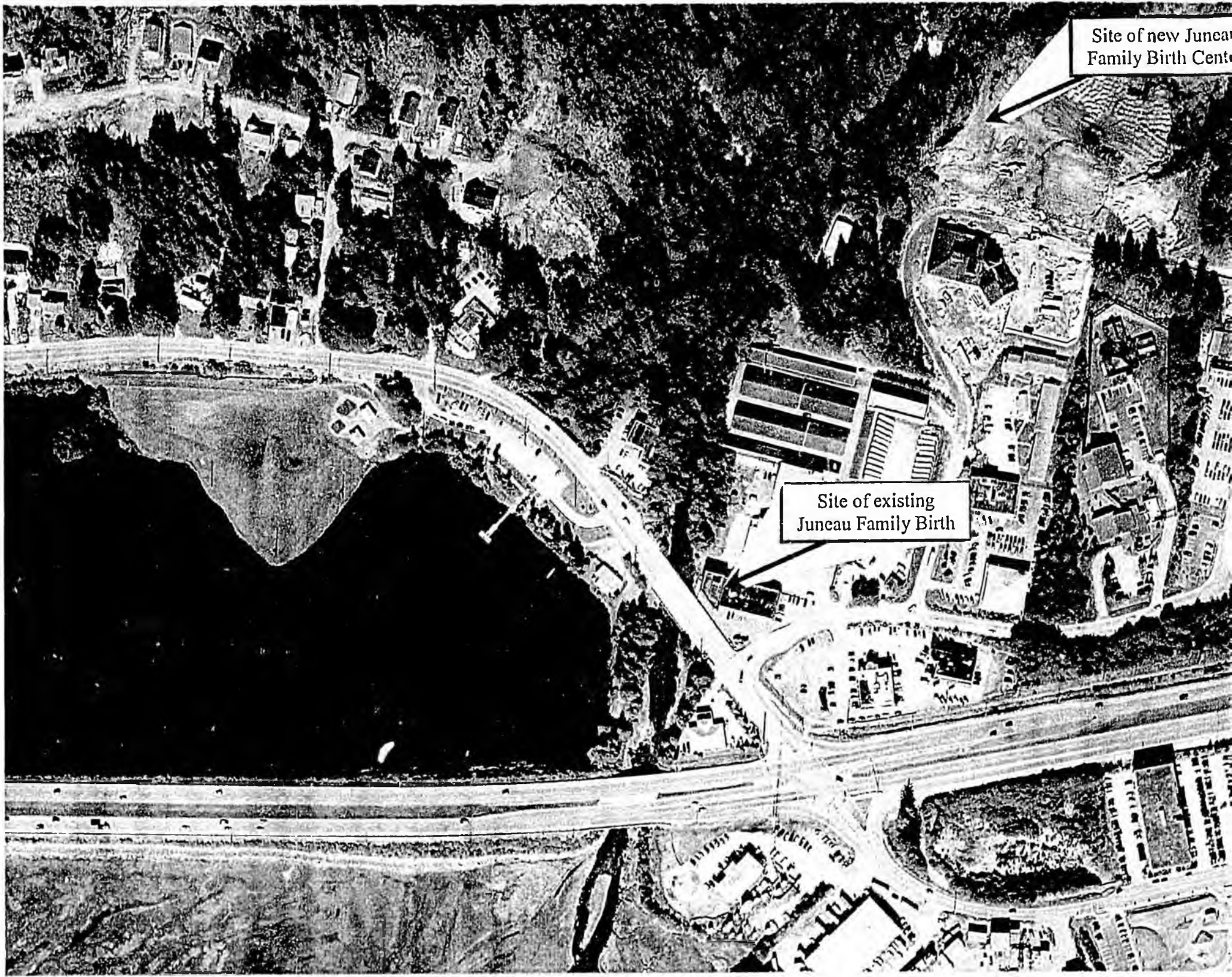
Internet

10. Grants are awarded and results are made public.
11. All the information is stored for use in next grant cycle or historical reporting.



Provided by DHSS 3/3/04

Provided by DHSS  
3/3/04



Site of new JunEAU  
Family Birth Center

Site of existing  
JunEAU Family Birth

# Department of Health and Social Services



## FY2005 Deferred Maintenance Capital Request

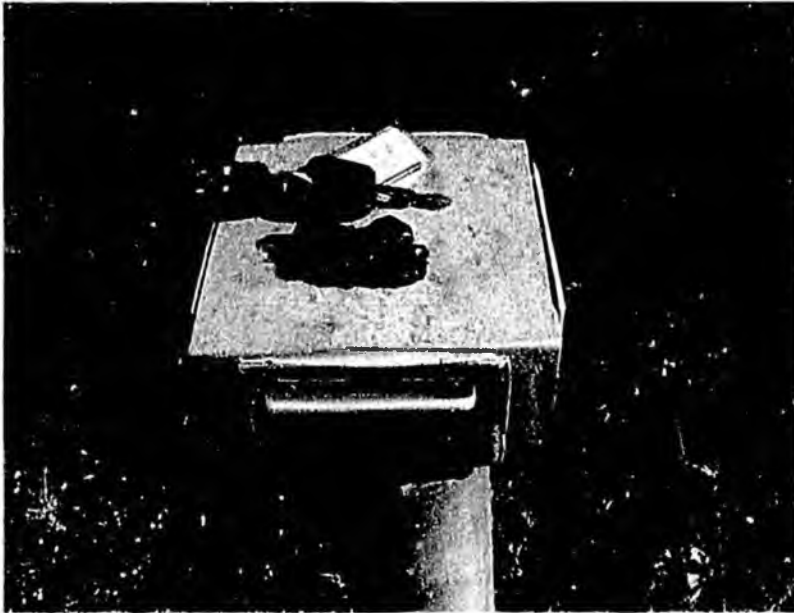
DHSS is responsible for 40 State owned facilities including 6 Pioneers' Homes with an estimated replacement value of \$291.7 million, along with special repairs and upgrades not covered by lease agreements in an additional 80 facilities. This request includes all identified deferred maintenance projects for the Department. These include Fire/Life Safety Projects, Building Integrity Projects, and Security Projects. All facilities require regular maintenance, renewal and repair to remain in good operational condition.



Kenai Youth Facility

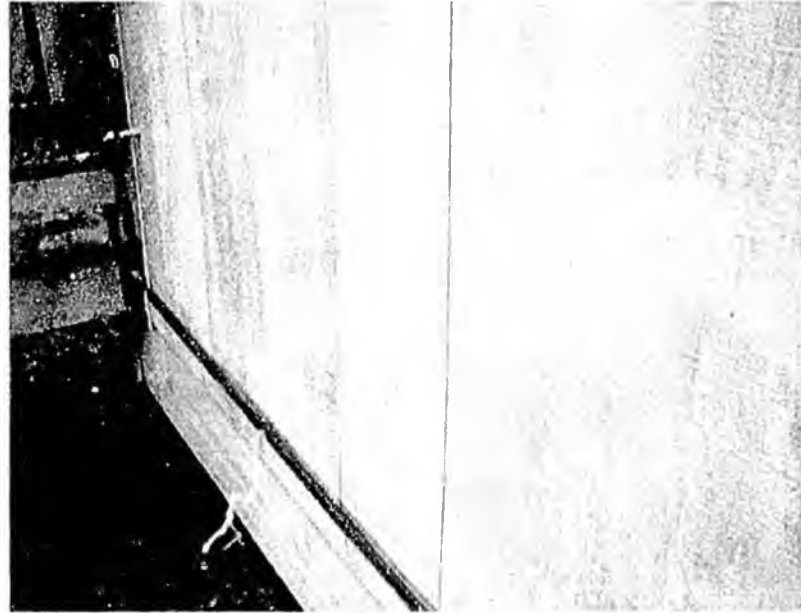
*NOTE: See list in Capital Budget Back-up to match photograph to project.*

Commissioner: Joel Gilbertson



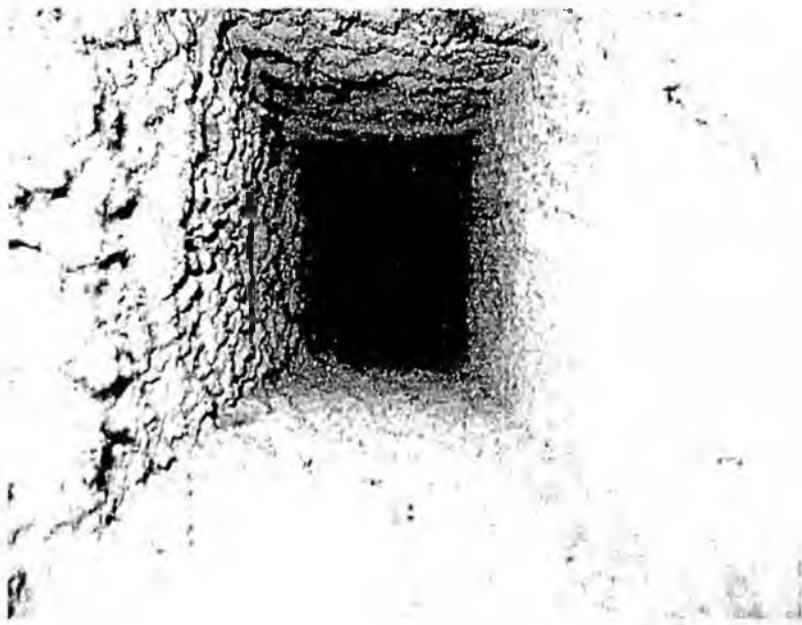
**Priority 1: Fairbanks Youth Facility  
Water Main Replacement  
(\$164,500)**

The main water line to the facility is filled with electrolysis extrusions. These extrusions are perpendicular to the flow direction, thus producing significant loss in water pressure. The water line is nearly totally blocked. Thus leaving limited fire protection for the building. The water main must to be replaced.



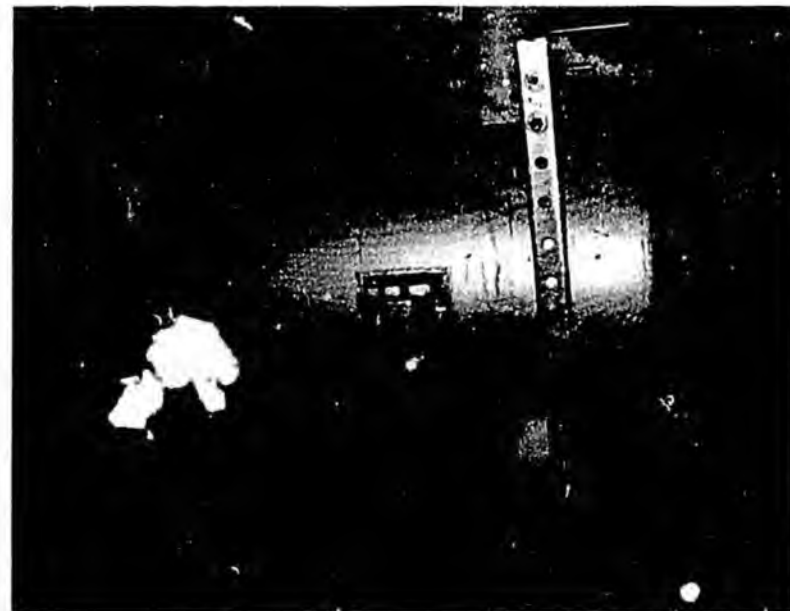
**Priority 3: Bethel Youth Facility  
Siding Replacement (\$106,925)**

The flat exterior wood sheathing (no-groove T-111) is extensively weathered and is failing. The siding needs to be replaced with a low maintenance, durable siding.



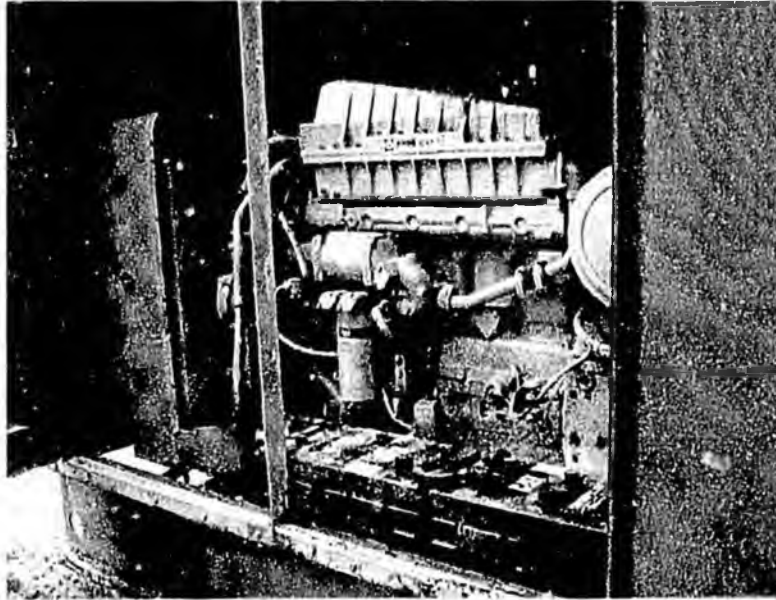
**Priority 7: Ketchikan Health Center  
Duct Cleaning (\$80,934)**

The ventilation duct work has never been cleaned and has accumulated excessive amounts of dirt and lint on the interior of the duct, severely compromising indoor air quality and HVAC performance. Dirty ducts contribute to unhealthy air and often cause medical conditions for people in the building. The ducts need to be cleaned and re-balanced.



**Priority 11: Assets Building  
Expansion Tank Replacement  
(\$8,225)**

The boiler expansion tank is not functioning and needs to be replaced with a reliable tank of adequate size for the facility.



**Priority 12: Johnson Youth Center  
Generator Enclosure (\$11,515)**

The existing generator enclosure at the Johnson Youth Center is severely corroded and needs to be replaced. The enclosure is necessary to protect the generator from the elements as well as to secure the generator and its components from vandalism.

HR 108-401

To accompany H.R. 2673

611

PACIFIC COASTAL SALMON RECOVERY

The conference agreement includes \$90,000,000, the same amount as proposed by both the House and the Senate, of which \$5,000,000 is for the State of Idaho, \$26,274,000 is for the State of Washington, \$20,868,000 is for the State of Alaska, \$13,133,000 is for the State of Oregon, \$13,133,000 is for the State of California, \$8,500,000 is for the Pacific coastal tribes, and \$3,092,000 is for the Columbia River tribes.

Of the amounts provided to the State of Washington, \$4,000,000 is for the Washington State Department of Natural Resources and other State and Federal agencies for purposes of implementing the State of Washington's Forest and Fish report, and \$1,800,000 is for the purchase of mass marking equipment used at Federal hatcheries in Washington State to promote selective fisheries and protect threatened and endangered species.

Of the funds provided for the State of Alaska, \$3,500,000 is for the Arctic Yukon-Kuskokwim Sustainable Salmon initiative; \$1,000,000 is for the Cook Inlet Fishing Community Assistance Program; \$500,000 is for the Yukon River Drainage Association; \$3,368,000 is for Fairbanks hatchery facilities; \$1,500,000 is for the City of Adak for marine related infrastructure; \$250,000 is for the State of Alaska to participate in discussions regarding the Columbine River hydrosystem management and for fisheries revitalization; \$100,000 is for the United Fishermen of Alaska's subsistence program; \$3,500,000 is to restore salmon fisheries in Arnorage at Ship Creek, Chester Creek, and Campbell Creek including habitat restoration and facilities; \$1,500,000 is to restore salmon runs in Resurrection Bay at the Alaska SeaLife Center; \$1,000,000 is for scientific fisheries systems riverine sonar; \$150,000 is for the Southeast Revitalization Association for its fleet stabilization program; \$1,000,000 is to mitigate albatross-fish interactions; \$2,000,000 is for the Kenai River; \$1,000,000 is for the Russian River; \$200,000 is to restore the Craig watershed; and \$300,000 is for Chinook Salmon Research in Auke Bay.

Of the amounts provided to the State of Oregon, \$1,100,000 is for conservation mass marking at the Columbia River Hatcheries.

Provided by Dept. of Fish & Game 3/3/04

# Rural Sanitation Funding Database

JAN 27 2004



**Division of Water**

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Adak	316	2004	Water/Wastewater Downsizing Study	25,000	75,000	0	100,000		Feasibility study to assess options to downsize existing water and sewer system.	
				\$25,000	\$75,000	\$0	\$100,000	\$316		
Akiok	80	2001	Water/Sewer Improvements Feasibility Study	37,500	112,500	0	150,000		Feasibility study to assess options for repair or replacement of wastewater outfall and evaluation of the water source to comply with the surface water treatment rule.	
		2002	Landfill/Water Quality Protection Master Plan	12,500	37,500	0	50,000		Complete landfill master plan, soil testing, and aerial photos.	
				\$50,000	\$150,000	\$0	\$200,000	\$2,500		
Akiachak	585	1987	Waste Disposal Improvements	110,000	0	0	110,000		Construct solid waste disposal site and honey bucket lagoon	C
		1989	Water and Sewer Study	5,351	0	0	5,351		Study to investigate the feasibility of a piped water and sewer system in the community	C
		1989	Solid Waste	104,000	0	0	104,000		Install landfill fencing; provide honey bucket haul and trash collection equipment	C
		1993	Water/Sewer Project	300,000	0	0	300,000		Preliminary engineering for a piped water and sewer system; geotechnical investigation; minor washeteria upgrade	C
		1995	Geotechnical Investigation	0	0	15,000	15,000		Soils investigation	C
		1996	Water treatment and well	0	0	1,230,000	1,230,000		Commence water treatment plant and well construction	C
		1996	Water/Sewer	800,000	800,000	0	1,600,000		Purchase heavy equipment; construct well pads and wastewater lagoon access; drill 2 wells; design water treatment plant	C
		1997	Piped Water/Sewer	500,000	500,000	0	1,000,000		Construct water treatment plant and 300,000 gallon water storage tank; design phase 1 of water distribution and wastewater collection system	C
		1999	Water and Sewer Improvements, Ph I	1,167,500	1,167,500	518,588	2,853,588		Complete construction of water treatment plant; construct wastewater lagoon; provide utility management and operator training assistance, water mains for Akiachak Tribe, solid waste system development.	
		2000	Water and Sewer Improvements, Ph II	500,000	1,500,000	0	2,000,000		Complete construction of wastewater lagoon; provide aerial mapping; construct water distribution and sewage collection system on west side of community	
		2001	Water and Sewer Improvements, Ph III	741,500	2,224,500	0	2,966,000		Provide house plumbing on west side of community and construct water distribution and sewer collection system on east side of community.	
		2001	Water and Sewer	0	0	1,263,000	1,263,000		Install water and sewer mains and residential plumbing.	
		2001	Sanitation Roads Resurfacing	0	0	25,000	25,000		Sanitation roads resurfacing; RSA with DOTPF	
2002	Water and Sewer	0	0	349,800	349,800		Install water and sewer pipes.			
				\$4,228,351	\$6,192,000	\$3,401,388	\$13,821,739	\$23,627		
Akiak	309	1985	Water and Sewer	413,000	0	0	413,000		Drill community well and construct Water Treatment Plant and watering point. Purchase water haul vehicle.	C
		1987	Waste Disposal Study	10,000	0	0	10,000		Study recommended construction of combined septage and solid waste disposal facility	C
		1988	Solid Waste Disposal	200,000	0	0	200,000		Design and construct new solid waste landfill	C
		1989	Waste Project	160,000	0	0	160,000		Construct 1,900 foot access road to new landfill	C
		1993	Sewage Lagoon and Backwash Disposal	500,000	0	0	500,000		Construct septage lagoon (2 cells) and access road; construct filter backwash disposal system at Water treatment plant.	C
		1994	Water and Sewer	0	0	238,000	238,000		Development of a community water distribution system and individual septic systems.	C
		1996	Water and Sewer	0	0	805,000	805,000		WST foundation, 150,000-gallon WST, raw water and WST circulation line, well and WTP electrical, septic tank/drainfield systems.	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1997	Water and Sewer	0	0	715,000	715,000		Water treatment building and foundation, circulation water main construction, filter backwash line, backwash lagoon, in home plumbing installed and repaired.	C
		1997	Water Treatment and sewer upgrade Ph I	297,000	297,000	0	594,000		Construct water treatment plant and foundation; construct 3,160 ft. of water main	C
		1998	Water System	0	0	786,000	786,000		Complete circulation water supply loop	C
		1998	Water System Ph III	405,500	405,500	0	811,000		Soils are not suitable for on-site septic systems; funding used to construct new sewage lagoon	C
		2000	Sewer System	0	0	652,000	652,000		Install lift station and main	
		2000	Water/Sewer Phase V	244,500	733,500	0	978,000		Construct sewage lagoon starter cell; install 26 water service connections to homes along Loop #1; abandonment of 26 individual wells to homes receiving new water service connections	
		2000	Water and Sewer	0	0	25,000	25,000		Scattered sites water distribution and sewage treatment	
		2002	Lagoon Development	0	0	1,015,000	1,015,000		Construction of a 6-acre sewage lagoon and access road.	
		2002	Lagoon completion, Gravity Sewer main construction	480,000	1,440,000	0	1,920,000		Complete lagoon finishing work. Install gravity sewer main to connect entire community to proposed lift station.	
		2003	Water and Sewer Service	0	0	691,450	691,450		Construct 6,900 feet of service lines with arctic boxes and connections to 69 homes.	
		2004	Loop 2 Water main and Services	354,400	1,063,200	0	1,417,600		Construct second and final water distribution loop and services.	
				\$3,064,400	\$3,939,200	\$4,927,450	\$10,513,450	\$34,024		
Akutan	713	1993	Water and Sewer	0	0	250,000	250,000		Construct water distribution, fire hydrants, service connections, water and septic tank treatment	C
		1994	Water and Sewer Feasibility Study	0	0	25,000	25,000		Study sewer upgrades, water quality, and pilot testing	C
		1996	Incinerator/Landfill	100,000	0	0	100,000		Install a new incinerator and a steel building for the incinerator and support equipment; assist community with landfill site selection and permitting	C
		2003	Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Conduct study on water and wastewater system upgrades	
		2003	Sewage System	0	0	548,138	548,138		CWA AN03N41. Install community septic tank and outfall. Replace liftstation.	
		2004	Water and Sewer Project	178,800	536,400	0	715,200		Construct water treatment plant and outfall and replace lift station and community septic system.	
				\$503,800	\$611,400	\$823,138	\$1,023,138	\$1,435		
Alakanuk	652	1992	Honeybucket Haul	305,000	0	0	305,000		Complete Individual Honeybucket Pits, Design Ph I	C
		1993	Water and Sewer Master Planning and Design	500,000	0	0	500,000		Complete Master Plan and complete design of Phase I piped water and sewer system	C
		1994	Water and Sewer	0	0	300,000	300,000		Connect water and Sewer to 21 homes	C
		1994	Water and Sewer	500,000	0	0	500,000		Design Phase II; construct water treatment plant improvements	C
		1995	Water and Sewer	0	0	1,000,000	1,000,000		RD Grant. Continue construction of phases I and II of water and sewer project.	
		1995	Sanitation Facilities Design and Construct'on	1,000,000	0	0	1,000,000		Construct utility building including water treatment plant and vacuum sewer station	C
		1995	Sanitation Facilities	0	700,000	0	700,000		VSW-ISA	
		1996	Water and Sewer, PH II	1,100,000	1,100,000	0	2,200,000		Construct piped water and sewer in Service Area 1; construct sewage lagoon	C
		1997	Design and Construct Water and Sewer, Ph II	1,100,000	1,100,000	0	2,200,000		Finish design Phase II; construct piped water and sewer in Service Area 5; construct water storage tank near utility building	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Alatna		1998	Piped Water Project	1,100,000	1,100,000	0	2,200,000		Central facilities completed. Hook up remaining 70 homes downriver in service areas 2 & 3	C	
		1999	Piped Water and Sewer	1,050,000	1,050,000	0	2,100,000		Finish Service Areas 2, 3 & 4; construct water and sewer in Service Area 6; Sauna Rehab.	C	
		2001	Sanitation Feasibility Study-Service Area 7	15,000	45,000	0	60,000		Feasibility study for Area 7, across river from downtown		
		2002	Water and Sewer expansion	132,500	397,500	0	530,000		Hook up 20 homes to existing water and sewer main.		
				\$6,802,500	\$5,492,500	\$1,300,000	\$13,595,000	\$20,851			
		35	1987	Water/Waste Study	8,157	0	0	8,157		Study to investigate water supply and waste disposal alternatives; construction of a watering point and a landfill were recommended; completed February 1987	C
			1996	Development	0	0	498,200	498,200		USDA-Direct	
			1999	Water system renovation and washeteria	0	0	785,000	785,000		Soils testing, renovate water transmission	C
			1999	Feasibility Study	50,000	50,000	0	100,000		Study and master plan to develop a community needs survey and to conduct preliminary engineering and testing; the study considered alternatives for recommended facilities; completed June 2000.	C
			2002	Water Treatment Plant/Washeteria	0	0	520,000	520,000		IHS Housing. Mechanical infrastructure in WTP/washeteria.	
Aleknagik		2002	Water and Sewer	0	0	587,250	587,250		Construct water transmission line, onsite septic tank, and subsurface disposal field.		
		2003	Water Supply/Sewage Collection/Treatment, PH III	260,000	780,000	0	1,040,000		Design and construct lagoon, gravity sewer line, haul system and garage.		
		2004	Water Supply/Sewage Collection /Treatment, PH IV	337,500	1,012,500	0	1,350,000		Construct haul equipment garage and in-home plumbing. Replace water transmission line.		
				\$655,657	\$1,842,500	\$2,390,450	\$3,538,607	\$101,103			
		221	1988	Wells/Septic Tanks	150,000	0	0	150,000		Construct wells and septic systems for 12 homes	C
			1993	Water and Sewer	0	0	362,000	362,000		Retrofit tanks and well, install service connection and septic	C
			1993	Atliak Island Water and Sewer	100,000	0	0	100,000		Provide water and sewer service for 7 homes	C
			2001	N. Shore Liquid Waste Facility/Landfill Study	43,750	131,250	0	175,000		Feasibility study to investigate a liquid waste stabilization and solid waste-sludge lagoon facility along the north shore.	
			2001	IHS-Reg/CWA-ISA	0	0	412,120	412,120			
			2003	N. Shore Liquid Waste Stabilization, Landfill	99,900	299,400	0	399,300		Construct solid waste site, sludge disposal and purchase equipment.	
Allakaket				\$393,650	\$430,650	\$774,120	\$1,598,420	\$7,233			
		97	1990	Waterline Rehabilitation	65,000	0	0	65,000		Replace water supply line from well to community washeteria and school	C
			1993	Water System	0	0	750,000	750,000		Well, WTP, watering point, transmission line.	C
			1995	Water/Wastewater System Design/Construction	333,000	0	0	333,000		Construct new water line connection from a new well to the new water treatment building	C
			1997	Water and Sewer	451,500	451,500	0	903,000		Construct water storage tank foundation, well transmission line, well house, washeteria / water treatment plant, and sewage lagoon	C
			1998	Water and Sewer	0	0	1,290,000	1,290,000		Construct lagoon access road, washeteria/WTP, well transmission line, water tank foundation	C
			1998	Landfill Relocation	235,800	235,800	0	471,600		Construct new community landfill above flood level; old landfill was destroyed by flooding; purchase solid waste collection and haul equipment	
			1999	Water and Sewer	0	0	1,415,000	1,415,000		Washeteria/WTP building, construct sewage pump station force main, clinic water and sewer service	
			2002	Sanitation Facilities Improvement Plan	40,000	120,000	0	160,000		Analyze backup water supply option, sewer and water options, and develop site layout for new public facilities area.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Ambler		2003	Water Treatment Plant	0	0	165,000	165,000		Upgrade water treatment plant	
				\$1,125,300	\$807,300	\$3,620,000	\$5,552,600	\$57,243		
	309	1990	Sewage Lagoon Rehabilitation	100,000	0	0	100,000		Design and construct sewage lagoon dikes, fencing and piping	C
		1994	Water and Sewer	0	0	538,000	538,000		Six individual water and sewer service connections, house plumbing for 6 homes, and replace one community sewage lift station.	C
		1997	Water and Sewer Upgrade	50,000	50,000	0	100,000		Install individual water supply and wastewater disposal facilities for 10 homes	C
		1998	Lift Station and Pumper	0	0	365,000	365,000		Replace lift station and purchase sludge pumper	c
		1999	Water and Sewer Master Plan	37,500	37,500	0	75,000		Master plan to investigate sanitation alternatives; completed February 2000.	C
		2001	ANTHC	0	0	199,000	199,000		Not Available	
		2001	Sewage Lagoon Relocation	461,250	1,383,750	0	1,845,000		Design and construction of a sewage lagoon, fencing, access road and 5,500 ft. sewer force main	
		2002	Water treatment plant, PH II	462,500	1,387,500	0	1,850,000		Design and build new water treatment plant. Remove old plant and well, and repair waste heat system.	
		2002	Water and Sewer	0	0	410,000	410,000		Construct sewer, water and raw water main lines.	
		2003	Water/Sewer Improvements, PH III	497,800	1,493,200	0	1,991,000		Construct sewer mains, connect 22 homes and community buildings and close lagoon.	
		2003	Washeteria	0	0	1,064,178	1,064,178		Construct and equip washeteria	
		2004	South Loop Rehab and Expansion, PH IV	496,800	1,490,200	0	1,987,000		Construct water and sewer mains and service connections to 8 homes. Upgrade 21 service connections.	
			\$2,105,850	\$5,842,150	\$2,576,178	\$10,524,178	\$34,059			
Anaktuvuk Pass	282	1989	Septic System Demonstration Project	48,726	0	0	48,726		Construct septic tank demonstration project, consisting of water supply and sewage disposal for the community building; completed December 1987	C
		1989	Septic System Feasibility Study	1,274	0	0	1,274		Study the feasibility of septic systems in the community	C
		1993	Water and Sewer	0	0	412,000	412,000		ANTHC; no data	
		1995	Water/Sewer System Construction	375,000	375,000	0	750,000		Design piped water and sewer system to serve homes in the community; design and contract preparation is underway by the North Slope Borough	c
		1996	Piped Water/Sewer Ph II	375,000	375,000	0	750,000		Construct service connections to homes	C
		1997	Water/Sewer Ph III	375,000	375,000	0	750,000		Construct service connections to homes	C
		1998	Water/Sewer	1,000,000	1,000,000	0	2,000,000		Continue to construct service connections to homes	C
				\$2,175,000	\$2,125,000	\$412,000	\$4,712,000	\$16,709		
Anchor Point	1845	1985	Water Study	24,000	0	0	24,000		Study well contamination problem and recommend construction of community water system	C
		1990	Alternate Water Supply	45,000	0	0	45,000		Drill community well and design community water distribution system	C
		1993	Community Water System	289,000	0	0	289,000		Construct water treatment plant, develop well, construct transmission main and storage tank	C
		1998	Water System Expansion Feasibility Study	50,000	50,000	0	100,000		Construct water distribution system to serve 6 houses, a church, a business and a motel	C
		2000	Water System Expansion	400,000	800,000	0	1,200,000		Design and construct water system expansion to serve houses and schools along Sterling Hwy	
		2002	Water system expansion	87,500	262,500	0	350,000		Construct new water mains along Sterling Highway.	
		2003	Water System Expansion	106,300	318,700	0	425,000		Construct water supply reservoir, 1500' water line, and abandon old well.	
				\$1,001,800	\$1,431,200	\$0	\$2,433,000	\$1,319		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Anderson	367	1985	Seplage Lagoon	65,000	0	0	65,000		Completed construction of the Anderson regional septage disposal facility and construct fence	C
		1990	Sewage Disposal Lagoon	95,000	0	0	95,000		Construct Phase I of the Anderson regional septage disposal facility	C
		1992	Septage Disposal	300,000	0	0	300,000		Construct Phase II of the Anderson regional septage disposal facility	C
		2004	Water and Wastewater Feasibility Study	25,000	75,000	0	100,000		Study to assess sewer and water facility options.	
				\$485,000	\$75,000	\$0	\$560,000	\$1,526		
Angoon	572	1985	Waterline Repairs	1,679	0	0	1,679		Emergency repairs to underwater water transmission main across Kootsnahoo Inlet	C
		1990	Water System Repair and Upgrade	100,000	0	0	100,000		Long-term repairs to underwater water transmission main across Kootsnahoo Inlet	C
		1991	Tillinghast Lake Water, Phase I	100,000	0	0	100,000		Plan and design new water transmission main from Tillinghast Lake	C
		1992	Tillinghast Lake Water, Phase II	1,280,000	0	0	1,280,000		Complete water treatment plant, transmission main and electrical power extension to the plant	C
		1995	Water and Sewer Improvements	0	0	300,000	300,000		Remove secondary treatment equipment, convert secondary treatment system to primary by constructing a 190,000 liter settling tank, extending the existing ocean outfall. Purchase a sludge pumper truck.	C
		1995	Chatham School Dist Sewer Study and Design	121,100	0	0	121,100		Remove sewer treatment plant equipment and convert to primary and secondary settling tanks; construct 900-ft. ocean outfall and provide sludge pumper truck	C
		1996	Planning and Construction	0	0	644,000	644,000		Provide water and sewer main extensions, upgrade the community water treatment system, water supply pumps and upper pressure zone storage tank to serve 22 housing units.	C
		1996	Favorite Bay Creek Waterline Extension Study	75,000	0	0	75,000		Collect soil mapping and stream gauging data to investigate for possible gravity water source; completed October 2000.	C
		1996	Community Water System	0	0	600,000	600,000		WTP building addition, WTP forced air heating system, 4 WTP pressure filters, backwash lagoon.	C
		1996	Sanitation Facilities Construction	0	0	96,000	96,000		Construction of sanitation facilities to serve 20 homes.	C
		1997	Sewer System Upgrade	180,000	220,000	0	400,000		Re-route sewer force main to a manhole at the intersection of Chinook Way and Kootznahoo Road to allow gravity flow to the sewage treatment plant	C
		1999	Water Mains	0	0	30,000	30,000		Construct water main to new water storage tank	
		2000	Water Storage Tank/Septic Sludge Lagoon	195,500	586,500	0	782,000		Construct a 500,000 gallon water storage tank above new water treatment plant at Tillinghast Lake; design sewage sludge treatment and disposal lagoon; design new solid waste landfill	
		2003	Sewer and Water Feasibility Study	25,000	75,000	0	100,000		Carry out study and design to extend water and sewer system to unserved areas.	
		2003	Sewage System	0	0	450,000	450,000		Sludge disposal facility and pumper truck.	
	2003	Sewer System	0	0	35,000	35,000		Replace pumps and controls.		
			\$2,078,279	\$881,500	\$2,155,000	\$5,114,779	\$8,942			
Aniak	572	1988	Waste Disposal	150,000	0	0	150,000		Construct new solid waste site and access road	C
		1998	Water and Sewer	0	0	123,500	123,500		Individual wells, septic, water systems for 3 homes	C
		1999	Sewer Extension Feasibility Study	37,500	37,500	0	75,000		Feasibility study to explore options for providing sewer service to the community; completed September 1999.	C
		1999	Sewer Extension Feas. Study, Kuspuk School (LKSD)	32,500	32,500	0	65,000		Feasibility study to explore options for providing sewer service to the school	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Anvik		2000	Direct grant from USDA	0	0	187,400	187,400		Federal RD money direct to community		
		2003	Sewer System Improvements	535,200	1,605,300	0	2,140,500		Construct sewer main and lift station, replace two lift stations.		
		2004	Sewer System Improvements	695,200	2,085,300	0	2,780,500		Construct sewer collector and 2 lift stations. Upgrade wastewater lagoon.		
				\$1,450,400	\$3,760,600	\$310,900	\$5,521,900	\$9,654			
		104	1985	Sanitary Landfill	272,500	0	0	272,500		Study solid waste options; designed and constructed solid waste facility and access road	C
			1992	ANTHC	0	0	250,000	250,000		Not Available	C
			1994	Water and Sewer System Design/Construction	200,000	0	0	200,000		Start to drill and connect individual wells and to provide plumbing for 25 houses	C
			1995	Sanitation Facilities	0	0	557,500	557,500		USDA-Direct	
			1995	Water and Sewer	0	0	1,400,000	1,400,000		Drill 25 individual wells, connect the wells to the homes, construct a community gravity sewer system with 2 lift stations and a 2-cell wastewater lagoon, connect 23 homes to the gravity sewer system and provide in-house plumbing for 25 homes, 2 homes will be served with individual systems.	C
			1995	Water/Sewer System Construction	575,000	575,000	0	1,150,000		Finish project to drill and construct individual wells and to provide plumbing for 25 houses	C
			1996	Wastewater Improvements	0	0	482,000	482,000		Improve sanitation facilities serving approximately 36 residents. Project clean-up, final grading demobilization, and warranty work.	C
			1997	Water/Sewer Upgrade	320,000	320,000	0	640,000		Drill wells and provide plumbing and septic systems for 8 additional houses	C
			2000	Water/Sewer	109,500	328,500	0	438,000		Construct septic systems for 3 additional houses; construct sewer lift station	
			2002	Sewer System	0	0	247,500	247,500		IHS Housing. Sewer service lines for 5 homes.	
			2002	Sewer System	0	0	118,000	118,000		Carry out archaeology survey and construct sewer service line and individual septic tank.	
				\$1,477,000	\$1,223,500	\$3,055,000	\$5,755,500	\$55,341			
Arctic Village	152	2000	Septage & Landfill Feasibility Study	16,667	33,333	0	50,000		Feasibility study to evaluate solid waste alternative sites for a solid waste disposal site; completed March 2001.	C	
		2001	Water/Sanitation Feasibility Study	7,500	22,500	0	30,000		Feasibility study to address a washeteria upgrade, improvements in the water treatment plant and possible relocation of the water intake source		
		2003	Water and Sewer Haul Feasibility Study	25,000	75,000	0	100,000		Water and sewer feasibility study for initial service		
				\$49,167	\$130,833	\$0	\$180,000	\$1,184			
Atka	92	2000	Sanitation Improvement Study	51,667	103,333	0	155,000		Feasibility study and preliminary design of a piped water and sewer system	C	
		2004	Water/Sanitation Improvements	344,800	1,034,200	0	1,379,000		Install south community septic tank, water treatment plant equipment, north community septic tank and outfall and school sewer connections. Replace water treatment plant building and water mains.		
				\$396,467	\$1,137,533	\$0	\$1,534,000	\$16,674			
Atmauthluak	294	1985	Water/Sewer Study	25,000	0	0	25,000		Sanitation facilities master plan.	C	
		1992	Sewer Improvements	0	0	2,463,000	2,463,000		Not Available	C	
		1993	Water and Sewer System	0	0	2,284,000	2,284,000		Honey bucket haul system, honey bucket disposal lagoon, sewage lagoon, lift station, and washeteria improvements.	C	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1995	Sanitation Facilities Construction	0	0	980,000	980,000		Complete honeybucket sewage haul system, close-out existing sewage bunkers, complete washeteria improvements including a sewage lift station with force main and a gravity main, provide O&M equipment and complete a solid waste study.	C
		1997	LKSD School Sewer Line Extension	50,100	61,200	0	111,300		Close sewage lagoon behind school; connect school buildings to City piped sewage system	
		1998	Washeteria/Connecting Sewer System	221,000	221,000	0	442,000		Complete construction of washeteria interior; repair sewage lagoon berms due to erosion	
		2000	Sanitation Facilities Master Plan	50,000	100,000	0	150,000		Master Plan to evaluate water, sewer and solid waste options for the community	C
		2004	Flush and Haul Syste, PH I	675,300	2,025,700	0	2,701,000		Construct water storage tank foundation and washeteria/water treatment plant foundation, building and equipment.	
				\$1,021,400	\$2,407,900	\$5,727,000	\$9,156,300	\$31,144		
Atkasuk	228	1997	Piped Water and Sewer Ph II	375,000	375,000	0	750,000		Purchase wastewater plant and sewer materials for construction of the community system	C
				\$375,000	\$375,000	\$0	\$750,000	\$3,289		
AVCP Scattered		2003	Water and Sewer	\$0	\$0	\$80,000	\$80,000		IHS Housing. Service connections for 4 homes.	
				\$0	\$0	\$80,000	\$80,000			
Badger Richardson	12C	1997	Engineering Study	100,000	0	0	100,000		Initial study to investigate the feasibility of a piped water and sewer system; completed by CH2M Hill	C
		1999	Water Supply Design	500,000	500,000	0	1,000,000		Conduct second study to look at a more focused approach to piped water and sewer; study completed by Design Alaska; design piped water and sewer system for the community	
				\$600,000	\$500,000	\$0	\$1,100,000	\$8,730		
Beaver	84	1987	Washeteria	2,820	0	0	2,820		Washeteria upgrade feasibility study; completed 12/86	C
		1987	Study	5,392	0	0	5,392		Preliminary engineering for a new lagoon site; completed 12/86	C
		1988	Sewage Lagoon	164,070	0	0	164,070		Construction of a sewage lagoon to replace flood-damaged leach field	C
		1994	Water/Solid Waste Study	35,000	0	0	35,000		Design a new landfill at a site with the required separation distance from the airport	C
		1994	Planning	0	0	500,000	500,000		Soil testing, water source eval, prelim engineering for 39 homes.	C
		1995	Water Supply	295,000	0	0	295,000		Drill a new deep well and replace the pumphouse; replace 600 feet of utilidor between the well, treatment plant, and school. Purchase a waste haul vehicle and bulldozer	C
		1996	Water Supply/Sewage Disposal Study	98,500	0	0	98,500		Study piped versus hauled water systems; completed 1/00	C
		1997	Water and Sewer Improvements	0	0	375,000	375,000		Washeteria upgrades, solid waste equipment, minor repairs, upgrade sewer line & plumb washeteria.	
		1998	Direct Grant from USDA	0	0	35,000	35,000		Federal RD money direct to community	
		2000	Washeteria/Water Treatment Plant Upgrade	79,675	239,025	0	318,700		Construct new water tank foundation; WTP upgrades under design	
		2003	Water/Sewer	472,500	1,417,500	0	1,890,000		Upgrade water treatment plant, construct lagoon, design sewer and water system.	
				\$1,152,957	\$1,656,525	\$910,000	\$3,719,482	\$44,280		
Bethel	5471	1988	ANTHC	0	0	100,000	100,000		Not Available	C
		1989	Solid Waste, Water, Sewer	740,000	0	0	740,000		Begin expansion of existing sewage lagoon	C
		1989	Sewer Lagoon	0	0	584,000	584,000		Upgrade and improve hydraulic retention time in the city's sewage lagoon	C
		1990	Sewer Lagoon	485,137	0	0	485,137		Continue expansion of existing sewage lagoon to meet growing population	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1990	Water and Sewer	0	0	58,000	58,000		Provide individual 500-gallon water and sewage holding tanks for 5 BIA/HIP houses	C
		1990	Water Engineering/Water Treatment Plant Boilers	14,863	0	0	14,863		Upgrade boilers, electrical and truck fill points at the Bethel Heights Water Treatment Plant	C
		1992	Wastewater Treatment System Improvements	623,000	0	0	623,000		Finish expansion of existing sewage lagoon; dikes heightened and islands removed	C
		1993	Bethel Heights Sewer	800,000	0	0	800,000		Construct Bethel Heights water and sewer expansion to Western Addition #1 / Tundra North	C
		1993	City Subdivision Wastewater	125,000	0	0	125,000		Preliminary design report on piped water for City Subdivision	C
		1993	Kilbuk Wastewater Pumping	125,000	0	0	125,000		Design and construct Kilbuck sewage pumping station	C
		1993	Main Wastewater Pump Station	140,000	0	0	140,000		Design and construct Main sewage pumping station	C
		1993	City Subdivision Piped Water	200,000	0	0	200,000		Preliminary design report on piped sewer for City Subdivision	C
		1993	Water and Sewer	0	0	125,000	125,000		Provide 8 BIA/HIP homes with water and sewage holding tanks.	C
		1994	Sewage Lagoon	1,000,000	0	0	1,000,000		Construct additional sewage lagoon cell to accommodate expanding population	C
		1995	City Subdiv./Water Treatment Plant Design/Construction	800,000	0	0	80,000		Design City Subdivision water treatment plant and restore original grade of sewer pipes at road crossing	C
		1995	Sewage Lagoon Completion	500,000	500,000	0	1,000,000		Complete construction of additional sewage lagoon cell to accommodate expanding population	C
		1995	Original Townsite Design	150,000	0	0	150,000		Reappropriated to construct Bethel piped water and sewer, SFY-2001	C
		1995	Bethel Hts & Tundra N. Water/Sewer Extension	25,000	0	0	25,000		Continuation of Bethel Heights water and sewer expansion to Western Addition #1	C
		1995	Kilbuck/Main Washeteria Lift Station Design	50,000	0	0	50,000		Upgrade Kilbuck and Main lift station pumps and controls	C
		1995	Water and Sewer	0	0	52,000	52,000		Provide 3 BIA-HIP homes with water and sewage holding tanks	C
		1995	Sewage Lagoon Treatment	0	0	705,000	705,000		USDA-Direct	
		1996	Original Townsite Piped Water/Sewer	1,200,000	800,000	0	2,000,000		Reappropriated to construct Bethel piped water and sewer, SFY-2001	C
		1996	City Subdivision Piped Water/Sewer	2,100,000	1,400,000	0	3,500,000		Construct Phase I City Subdivision water and sewer; pending easement acquisition	C
		1996	Water/Sewer Facility Master Plan	100,000	0	0	100,000		Update water and sewer facility master plan; completed July 1996	C
		1996	Water and Sewer	0	0	21,000	21,000		Provide 2 BIA-HIP homes with water and sewage holding tanks	C
		1997	Water/Sewer Extension	500,000	500,000	0	1,000,000		Water & Sewer Extension to 35 HUD units	C
		1997	Water and Sewer	0	0	21,000	21,000		Provide 2 homes with individual water and sewer service	
		1997	Kilbuk-School	42,000	0	0	42,000			C
		1998	Water and Sewer	0	0	21,000	21,000		Provide 2 BIA-HIP homes with water and sewage holding tanks	C
		1999	Water and Sewer Improvements, Ph I	1,300,000	2,300,000	0	3,600,000		Renovate Bethel Heights and City Subdivision water treatment plants	C
		1999	Water and Sewer	0	0	20,000	20,000		Provide 2 BIA-HIP homes with water and sewage holding tanks	
		1999	Water and Sewer	0	0	21,000	21,000		Provide tanks and plumbing for 2 BIA homes	
		2000	Water/Wastewater Improvements Ph II	1,000,000	2,000,000	0	3,000,000		Construct Phase II City Subdivision water and sewer; pending easement acquisition	
		2001	Water and Sewer Facilities Improvement Ph II	725,000	2,175,000	0	2,900,000		Construct Phase II City Subdivision water and sewer; pending easement acquisition	
		2001	Water and Sewer	0	0	25,000	25,000		Provide 2 BIA-HIP homes with water and sewage holding tanks	
		2001	Solid Waste & Sewage Lagoon Facility Study	72,500	217,500	0	290,000		Update master plan and complete preliminary design for sewage lagoon upgrades	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Birch Creek		2002	Water, Sewer Improvements	825,000	2,475,000	0	3,300,000		Construct 8,800' of water mains, 6,100' pressure sewer mains, 6,800' service lines. Convert 79 service to piped system.	
		2003	Kasayuli Subdiv. Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Study feasibility of water and sewer for new Kasayuli subdivision.	
		2003	Water/Sewer	750,000	2,250,000	0	3,000,000		Construct water and sewer mains, hydrants, and service connections	
		2003	Water and Sewer	0	0	698,980	698,980		IHS Housing. Service connections for 22 homes.	
		2004	Water and Sewer Facilities Master Plan Update	60,000	180,000	0	240,000		Update existing water and sewer master plan.	
		2004	Water and Sewer Improvements	831,300	2,493,700	0	3,325,000		Construct Phases B and C Improvement in City Subdivision. Bengin PH II design.	
				\$15,308,800	\$17,366,200	\$2,451,980	\$34,406,980	\$6,289		
	28	1992	Dump Site Relocate	10,000	0	0	10,000		Construct fence and clean-up of the existing solid waste site	C
		1995	Water and Sewer	0	0	515,000	515,000		River intake pumphouse, raw water transmission line, washeteria, sewage lagoon, school water and sewer connection	C
		1997	Preliminary Design	0	0	75,000	75,000		Exploratory drilling and well development for a permanent	C
	1999	River Intake, Sewage Lagoon	462,500	462,500	0	925,000		Construct sewage lagoon and overland gravity sewage discharge pipe from the washeteria to the sewage lagoon; construct new river intake system	C	
	2001	Water Treatment Plant	0	0	60,000	60,000		Upgrade water treatment plant.		
			\$472,500	\$462,500	\$650,000	\$1,585,000	\$56,607			
Brevig Mission	276	1995	Planning	0	0	100,000	100,000		Preliminary field investigations and engineering study to evaluate the upgrade of sanitation facilities and prepare a long range facility improvement plan.	C
		1998	Water and Sewer	0	0	500,000	500,000		Closeout of the old landfill site, construction of a new solid waste/honeybucket facility, interim water and sewer service to the health clinic, purchase of construction equipment and design services.	C
		1998	Water/Sewer	1,250,000	1,250,000	0	2,500,000		Design water, sewer and solid waste facilities for the community; purchase and mobilize heavy equipment and construction camp to Brevig Mission; construct solid waste disposal site	C
		1999	Wastewater Disposal	0	0	684,000	684,000		Install community wastewater system, 2 septic tanks, gravity sewer line and drainfield	C
		1999	Piped Water and Sewer	1,000,000	1,000,000	0	2,000,000		Construct sewage lagoon and overland gravity sewage discharge pipe from the washeteria to the sewage lagoon; construct new river intake system and water treatment plant	C
		2000	Water/Sewer Ph III	625,000	1,875,000	0	2,500,000		Construct 6,000 ft. of water distribution main and 5,000 ft. of gravity sewer main to Service Areas #1 and #2	
		2000	Water and Sewer	0	0	301,000	301,000		Install 2000' of buried water main, 1500' of buried sewer main and plumb and provide water and sewer service lines to 14 homes.	
		2001	Water and Sewer	625,000	1,875,000	0	2,500,000		Complete water distribution mains, install water and sewer services and plumb 38 homes.	
		2002	Water and Sewer	439,700	1,319,000	0	1,758,700		Provide interior plumbing and service lines to 32 homes	
		2002	Water/Sewer (also has RD funds)	3,000	9,100	169,400	181,500		Provide interior plumbing and service lines to 32 homes	
	2003	Water and Sewer	425,000	1,275,000	0	1,700,000		Construct sewer main, interior plumbing and service to 10 homes, new solid waste site with septage facility, and close solid waste and honeybucket dump.		
	2003	Service Connections	0	0	62,000	62,000		Install service lines to individual homes.		
			\$4,367,700	\$8,603,100	\$1,816,400	\$14,787,200	\$53,577			

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Bristol Bay Scattered		2002	Water and Sewer	\$0	\$0	\$750,000	\$750,000		IHS Housing. Sewer and water service lines.	
				\$0	\$0	\$750,000	\$750,000			
Buckland	406	1987	Water, Sewer, Solid Waste	500,000	0	0	500,000		Construct solid waste disposal site and access road; provide honey bucket haul system	C
		1988	Water/Sewer	103,000	0	0	103,000		Provide honey bucket haul containers for honey bucket haul system	C
		1988	Armor Lagoon	175,000	0	0	175,000		Repair sewage lagoon damage and construct a bin wall to protect from future flood erosion	C
		1988	Clinic Sanitation	47,000	0	0	47,000		Purchase materials to construct a water and sewer line extension from washeteria to the clinic	C
		1993	Water and Sewer	0	0	2,678,000	2,678,000		Plumb 19 homes with a 232-gallon potable water tank and a 350-gallon sewage holding tank. Provide a water and wastewater haul vehicle. Construct a 2-cell sewage lagoon. Same service to 14 HUD homes.	C
		1994	Sewer	0	0	120,000	120,000		Provide 69 coated, steel sewage holding tanks to 69 homes and renovate an existing garage to house the haul vehicles.	C
		1994	Water/Sewer Planning/Construction	870,000	0	0	870,000		Provide house plumbing and holding tanks for 51 houses; purchase haul vehicle and institute a water delivery service; construct water treatment plant improvements and a river intake	C
		1998	Sewer	0	0	250,000	250,000		Purchase gravel, honeybucket and solid waste containers. Heavy equipment rehab/repairs which serve 56 homes.	C
		1999	Water and Sewer Study	50,000	50,000	0	100,000		Study feasibility of a piped water and sewer system for the community; completed 7/99	C
		2000	Direct Grant from USDA	0	0	350,000	350,000		Federal RD money direct to community	
		2001	Water and Sewer System	813,750	2,441,250	0	3,255,050		Construct new water treatment plant and a portion of the sewage treatment lagoon	
		2002	Water and Sewer system, PH V, South	757,800	2,273,100	1,400,000	4,430,900		Provide sewer and water to 26 homes in South Buckland. Install utilities on Buckland River bridge. USDA-Direct \$1.4million	
		2002	Water and Sewer	0	0	884,000	884,000		Install water service and mains for 42 homes and interior plumbing.	
			\$3,316,550	\$4,764,350	\$5,682,000	\$13,762,950	\$33,899			
Cantwell	222	2000	Sanitation Facilities Improvement	0	0	292,856	292,856		Renovate and replace failed existing individual septic tank and drainfield systems for 11 homes.	
		2002	Utility Master Plan	37,500	112,500	0	150,000		Identify water source and plan future utility needs	
				\$37,500	\$112,500	\$292,856	\$442,856	\$1,995		
Chalkyitsik	83	1992	Water, Sewer and Solid Waste Study	25,000	0	0	25,000		Community cleaned-up existing dump so successfully that a study of a new site is unnecessary	C
		1994	Sanitation Facilities Construction	0	0	1,280,000	1,280,000		Construct washeteria, WTP, river intake, sewage lagoon, raw water supply line, water distribution line to school.	C
		1997	Washeteria, Water Treatment Plant and Tank	680,000	680,000	0	1,360,000		Construct washeteria, water treatment plant and water storage tank for the community	C
		2000	Water/Sewer Study	16,667	33,333	0	50,000		Study to consider options for providing water and sewer to individual homes; completed 6/01	C
		2001	IHS-Reg	0	0	799,690	799,690			
		2003	Landfill Relocation Feasibility Study	16,200	48,300	0	64,500		Study relocation of landfill.	
		2003	Water/Sewer, PH II	192,400	577,100	0	769,500		Install sewer line, lift station and force main to lagoon. Close school lagoon.	
		2004	Water/Sewer, PH III	405,700	1,216,900	0	1,622,600		Construct sewer service, water loop, 6 manholes, water treatment plant improvements and 15 home connections.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$1,335,967	\$2,555,633	\$2,079,690	\$5,971,290	\$71,943		
Chefornak	394	1985	Water/Sewer Study	45,000	0	0	45,000		Study to investigate the existing groundwater source and alternative surface water sources; completed 10/85	C
		1986	Study	0	0	50,000	50,000		Conduct a full scale pilot study on water treatment, replace water treatment building boilers and install outfall for backwash and make junction box modifications.	C
		1992	Water/Sewer System	2,147,500	0	0	2,147,500		Drilled 3 new wells in 1994; drilled 6 additional wells in 1995 to develop a water supply	C
		1996	Wastewater	0	500,000	0	500,000		VSW-ISA	C
		1998	Water/Sewer Improvements	280,000	280,000	0	560,000		Construct water treatment plant and connect to well field in preparation for flush haul system	C
		1999	Direct Grant from USDA	0	0	1,600,000	1,600,000		Federal RD money direct to community	
		2002	Sanitation Boardwalk	0	0	1,347,000	1,347,000		Sanitation boardwalk; RSA from DOTPF.	C
				\$2,472,500	\$780,000	\$2,997,000	\$4,902,500	\$12,443		
Cheneg Bay	86	1997	Water Feasibility Study	30,000	0	0	30,000		Study to conduct a groundwater source investigation for community to comply with SWTR; completed 9/99	C
		2003	Sanitation Utilities Feasibility Study	23,800	71,300	0	95,100		Study upgrades required to existing system	
				\$53,800	\$71,300	\$0	\$125,100	\$1,455		
Chevak	765	1992	Sewer Upgrade	300,000	0	0	300,000		Develop master plan to evaluate the feasibility of piped water and sewer for the community	C
		1993	Washeteria Upgrade	551,000	0	0	551,000		Design and construct 140,000 gallon water storage tank, tank foundation and water transmission main; upgrade the washeteria, washeteria foundation and waste heat recovery	C
		1994	Watering Pt./Landfill/Honeybucket Construct. Ph II	602,000	0	0	602,000		Design and construct water treatment plant expansion	C
		1995	Design and Construction	0	0	3,547,000	3,547,000		Design and construction of a sewage lagoon, vacuum sewer station, lift station and force main. Close honeybucket lagoon.	C
		1995	Water/Sewer System Design/Construction	1,700,000	1,700,000	0	3,400,000		Design and construct vacuum sewer collection station, sewer lift station, 5,400 ft. sewer force main and sewage lagoon; close-out existing honeybucket sewage lagoon	C
		1996	Piped Water/Sewer	1,623,000	1,623,000	0	3,246,000		Complete construction of sewage lagoon & access rd; design water distribution & vacuum sewer collection system; construct sewage lagoon access rd & new landfill with access rd; purchase heavy equip. for operation & maintenance; close-out old landfill	C
		1997	Water and Sewer	0	0	1,759,000	1,759,000		Construction of above ground circulating water distribution and sewage collection piping and crossing for vehicles and pedestrians. Fencing will be constructed at the new sewage lagoon and landfill site. Individual household plumbing will be constructed at individual homes.	C
		1998	Water and Sewer	0	0	1,730,000	1,730,000		No information found.	C
		1999	Piped Water and Sewer	1,243,000	1,243,000	0	2,486,000		Construct water distribution and vacuum sewer collection system for 35 service connections; plumb 35 houses	
		1999	Water and Sewer	0	0	1,761,000	1,761,000		Provide and install circulating water main and vacuum sewer main.	
	2000	Water/Sewer Final Phase	850,000	2,550,000	0	3,400,000		Construct water distribution and vacuum sewer collection system for 30 service connections; plumb 30 houses		
	2001	Water/Sewer, Final Phase	712,750	2,138,250	0	2,851,000		Construct water distribution and vacuum sewer collection system for 34 service connections; plumb 34 houses; construct miscellaneous improvements in the water treatment plant	C	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Chignik		2002	Water and Sewer system improvements	337,500	1,012,500	0	1,350,000		Provide 212,000 gallon water tank, greensand filter, service lines and indoor plumbing to 18 buildings and lines to new school.	
		2003	Water and Sewer	0	0	630,000	630,000		Install water and sewer distribution and service connections.	
				\$7,919,250	\$10,266,750	\$9,427,000	\$27,613,000	\$36,095		
	79	1985	Water, Sewer, Solid Waste	578,000	0	0	578,000		Upgrade water distribution system, install 5 individual septic systems and 3 community wastewater disposal systems; purchase heavy equipment for maintenance; provide burn box	C
		1987	Central Water area II	82,000	0	0	82,000		Construct water system for 15 houses in Packer's Subdivision, including well, pumphouse, pressure tanks, generator, 3200 ft of water main and 17 service lines.	C
		1988	Water System Completion	50,000	0	0	50,000		Construct 50,000 gallon water storage tank including foundation	C
		1992	Sewer Upgrade/Drainfield	180,000	0	0	180,000		Construct ocean outfall line and renovate community wastewater disposal drainfields	C
		1992	Sanitation Improvements	0	0	140,000	140,000		Replace galvanized water mains, refurbish lift stations, and develop sludge disposal site.	C
		1993	Water and sewer improvements	100,000	0	0	100,000		Rehabilitate water system; install 1600 ft. water main, 7 fire hydrants and 3 air relief valves	C
		1993	Sewer Upgrade/Solid Waste	180,000	0	0	180,000		Refurbish sewer lift station and construct sludge disposal site	C
		1995	Sanitation Improvements	0	0	587,000	587,000		Construction of an all weather road to the sludge disposal facility and future landfill.	C
		1999	Tribal Grant	0	0	82,500	82,500			
		2000	Water/Sewer System Improvements	560,000	1,120,000	0	1,680,000		Complete sanitation master plan; design and construct 500,000 gallon water storage tank, new trail to the tank, 1000 ft. water main and two new groundwater wells	
		2000	Sanitation Improvements	0	0	854,000	854,000		800' gravity sewer main, 1760' force main, sewage lift station, supervisory controls for the new water treatment equipment. New 30,000 gallon septic tank with 1500' outfall line.	
	2004	Sewer System Upgrade, PH II	444,300	1,332,700	0	1,777,000		Construct sewer main and force main, community septic tank and a lift station		
			\$2,174,300	\$2,452,700	\$1,663,500	\$6,290,500	\$79,627			
Chignik Lagoon	103	1985	Water/Sewer	728,000	0	0	728,000		Design & construct community water & sewer system to serve 25 houses; water system includes a water well, infiltration gallery, pumphouse, water storage tank & 2 miles of water main; sewer system consists of individual septic systems and drainfields	C
		1987	VSW Project Completion	230,000	0	0	230,000		Complete construction of water and sewer system, including extending water mains to the far west end of the community, Alec Street and the east end of the airport	C
		1989	Road/Flood Control	25,000	0	0	25,000		Design road to solid waste disposal site	C
		1994	Facilities Construction, PH I	0	0	500,000	500,000		Installation of a new community sewer system	C
		1994	Facilities Construction, PH II	0	0	541,000	541,000		Installation of a new community sewer system	C
		1998	Facilities Construction, PH III	0	0	646,000	646,000		Construct pumphouse, water treatment plant, water storage tank and a portion of a community-wide wastewater collection system	C
		1998	Water/Sewer	750,000	750,000	0	1,500,000		Construct pumphouse, WTP, WST, sewer collection system and landfill	C
		1999	Water Transmission Line	0	0	1,967,000	1,967,000		Construct water transmission line to new water storage tank; sanitation access.	
		1999	Equipment Garage	0	0	340,000	340,000		Construct garage for septage pumper and solid waste haul vehicles	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Chignik Lake		2002	Water Treatment Facilities	0	0	270,000	270,000		Complete water storage tank and remaining work on water treatment plant.	
		2003	Water and Sewer System	0	0	402,558	402,558		Construct water and sewer service laterals, individual septic tank, gravity sewer mains, WTP instrumentation, residential sewage lift station, sewer service lines, leachfield, and demolish and remove old water storage tank.	
				\$1,733,000	\$750,000	\$4,666,558	\$7,149,558	\$69,413		
	145	1994	Landfill Relocation Design/Construction	245,900	0	0	245,900		Design and construct new solid waste facility including fencing and 7,150 ft. long access road	C
		1999	Water/Wastewater Upgrades Master Plan	40,000	40,000	0	80,000		Prepare sanitation facility study including water source evaluation and preliminary engineering	C
		2003	Water Supply	0	0	75,000	75,000		Drill water source wells.	
		2003	Water Supply	0	0	428,584	428,584		IHS AN 03N52. Drill exploratory wells and extend power to well site.	
		2004	Water System Improvements	280,800	842,200	0	1,123,000		Design and construct water treatment plant and transmission mains.	
Chistochina				\$566,700	\$882,200	\$503,584	\$1,952,484	\$13,465		
	93	1985	Watering Point	69,539	0	0	69,539		Drilled community well and constructed watering point; connected well to community building	C
		2003	Facility Plan	25,000	75,000	0	100,000		Review future sewer and water needs.	
Chitina				\$94,539	\$75,000	\$0	\$139,539			
	123	1991	Town Hall/Clinic Water	58,000	0	0	58,000		Clinic water & waterpoint. Community may need wastewater design/construction	C
		1991	Water and Sewer	0	0	75,000	75,000		Develop wells and construct watering points for old and new village sites and install a septic system for the village hall/clinic.	C
		1991	Community Water	40,000	0	0	40,000		Construct watering point for the community	C
Chuathbaluk		2000	Master Sanitation Utility Plan	41,667	83,333	0	125,000		Feasibility study to investigate solid waste collection and disposal for the community; completed 5/01	C
				\$139,667	\$83,333	\$75,000	\$298,000	\$2,423		
	119	1996	Water Treatment System	0	0	59,000	59,000		Water treatment system, water softener backwash lagoon	C
		1999	Crow Village Sam School Sewer Study	12,500	12,500	0	25,000		Study identified solutions to existing sewage treatment problems at Crow Village Sam School; completed 10/99	C
		2000	Sanitation Master Plan	41,667	83,333	0	125,000		Sanitation master plan to evaluate water supply, wastewater treatment and solid waste disposal options for the community	C
		2001	Water Treatment Plant	0	0	73,745	73,745		Install backwash disposal pit, pressure sand filter, WTP interior plumbing, and water softener and recharge system.	
		2003	Sanitation Improvements, PH I	498,800	1,496,200	0	1,995,000		Drill test wells, investigate soils and design septic. Purchase equipment.	
		2003	Water and Sewer	0	0	343,000	343,000		IHS AN03N33. Install plumbing in 15 homes.	
Circle		2004	Sanitation Improvements, PH II	498,800	1,496,200	0	1,995,000		Carry out test drilling. Purchase heavy equipment, design and install on-site water and sewer systems.	
				\$1,051,767	\$3,088,233	\$475,745	\$4,615,745	\$38,788		
	100	1988	Comm Watering Point	50,000	0	0	50,000		Drill two new wells and design and construct a public watering point	C
		1991	Water/Sewer	159,000	0	0	159,000		Construction of combined water and sewer system to serve the community and the school	C
	2001	Sanitation Feasibility Study/Master Plan	37,500	112,500	0	150,000		Feasibility study to address furnishing water and sewer to homes in Circle		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$246,500	\$112,500	\$0	\$359,000	\$3,590		
Clarks Point	75	1992	Water and Sewer	0	0	449,000	449,000		Extend water and sewer service to upper bayou road, install water service lines, sewer service lines, and make improvements to WTP.	
				\$0	\$0	\$449,000	\$449,000	\$5,987		
Coffman Cove	199	1989	Study	10,000	0	0	10,000		Feasibility study to evaluate the alternatives for a piped water and sewer system; completed 6/91	C
		1991	Water and Sewer Design	300,000	0	0	300,000		Design of a water treatment plant and a piped water and sewer system for the community	C
		1996	Piped Water/Sewer	730,000	857,000	0	1,587,000		Construct piped water and sewer system in Subdivision 1	C
		1997	Piped Water/Sewer PH II	646,000	646,000	0	1,292,000		Construct piped water and sewer system in Subdivisions 2 and 3 including 2 lift stations	C
		1998	Water/Sewer	680,000	680,000	0	1,360,000		Construct surface water intake, transmission main, water treatment plant and storage tank	C
		1998	Development	0	0	387,500	387,500		USDA-Direct	
		1999	Piped Water and Sewer	700,000	700,000	0	1,400,000		Extend piped water and sewer system to City Subdivision including 1 additional lift station	C
		2004	Water Source and Water and Sewer Extension Study	25,000	75,000	0	100,000		Develop new water source and study sewer and water extension to new subdivision.	
				\$3,091,000	\$2,958,000	\$387,500	\$6,436,500	\$32,344		
Cold Bay	88	1995	Water and Sewer Replacement	992,000	992,000	0	1,984,000		Design new water treatment plant, storage tank, water dist. sys. sewer collect system, aerated sewage lagoon & ocean outfall. Drilled 2 new wells & constructed new water plant.	C
		1996	Water and Sewer Replacement	635,000	635,000	0	1,270,000		Finished construction of water distribution system, sewer collection system, aerated sewage lagoon and ocean outfall. A total of 74 homes and businesses were connected to the system.	C
		2002	Landfill/Water Quality Protection Feasibility Study	25,000	75,000	0	100,000		Develop plan and design to close landfill and feasibility and design for new landfill.	
				\$1,652,000	\$1,702,000	\$0	\$3,354,000	\$38,114		
Craig	1397	1991	Planning and Preliminary Design	0	0	1,585,000	1,585,000		Construct a conventional WTP and STP study.	C
		1991	Water and Sewer	0	0	850,000	850,000		Design and construct four on-site wastewater disposal systems and water service lines and construct 2 sewer service lines	C
		1994	Water and Sewer	0	0	961,000	961,000		Construct 3500' of water main extension and 4300' of sewer force main extension to HUD housing projects, a lift station will also be required.	C
		1995	Water and Sewer	0	0	200,000	200,000		Sewer service to 10 homes, water service to 9 homes, design of an 800,000-gallon, bolted steel water storage tank.	C
		2003	Water Storage Tank	0	0	333,500	333,500		Construct water storage tank and access road.	
		2003	Water Treatment	0	0	163,000	163,000		SDWA AN03N38. Install sand filter system, pump controls, chemical storage, and a mechanical lift.	
				\$0	\$0	\$4,092,500	\$4,092,500	\$2,929		
Crooked Creek	137	1992	Sanitation Projects, PH I & II	0	0	1,153,000	1,153,000		Construct a community well, a washeteria/WTP, construct a watering point, electrical appurtenances and power transmission line extension; construct a permitted solid waste disposal site, and access road; construct a sewage lagoon access road, and provide a septic tank pumper unit.	C
		1993	Water, Sewer Dump Study	25,000	0	0	25,000		Planning and study for water source and treatment, sewage lagoon and solid waste site	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1994	Water and Sewer Design & Construction	450,000	0	0	450,000		Design and construct two wells, washeteria, water treatment plant, two watering points, solid waste disposal site and sewage lagoon with access road; purchase sludge pumper truck	C
		1997	Project Completion	0	0	217,000	217,000		Completion of community washeteria.	C
		2000	Master Plan	58,333	116,667	0	175,000		Sanitation master plan to evaluate water supply, wastewater treatment and solid waste disposal options for the community	
		2000	Johnnie John School Sewer Study	25,000	50,000	0	75,000		Feasibility study to evaluate alternatives for sewage disposal at the Johnnie John Sr. School	
		2001	Johnnie John School Sewer Study	18,750	56,250	0	75,000		These funds to be re-appropriated for design and construction of the selected alternative for sewage disposal at the school	
		2003	Water System	0	0	100,000	100,000		IHS Housing. Improve lead and copper levels.	
		2004	Wastewater and Water Treatment Upgrades and School Hook-up	399,800	1,199,200	0	1,599,000		Connect school to sewer and water and upgrade water treatment plant and sewage lagoon.	
				\$976,883	\$1,422,117	\$1,470,000	\$2,270,000	\$16,569		
Deering	136	1986	Water and Sewer	0	0	250,000	250,000		Waste heat recovery system; clinic plumbing; truck watering point; honeybucket site; permanent water source; solid waste dump.	C
		1992	Water/Sewer Phase I	1,998,400	0	0	1,998,400		Develop master plan; construct water intake and transmission main to the community	C
		1994	Sewer Project	0	0	1,266,000	1,266,000		Construct a sewage collection and disposal facility.	
		1994	Water and Sewer System Design/Construction	1,290,000	0	0	1,290,000		Design and begin construction of vacuum sewer system	C
		1995	Water/Sewer System Design/Construction	650,000	650,000	0	1,300,000		Construct vacuum sewer system, water haul system, sewage lagoon and fencing	C
		1996	Water and waste disposal system	0	0	1,000,000	1,000,000		USDA-Direct	
		1997	Water/Sewer Phase III	410,000	410,000	0	820,000		Construct new water treatment plant, water storage tank, and improve washeteria and transmission line.	C
		1998	Water/Sewer Phase IV	1,200,000	1,200,000	0	2,400,000		Complete vacuum sewer, water haul system and insulated water storage tank; begin construction of new water treatment plant and washeteria	C
		1999	Water/Sewer Phase IV continued	0	0	600,000	600,000		Construct vacuum sewer repairs and complete vacuum sewer collection station	C
		2000	Water Treatment Plant/Washeteria	446,667	893,333	0	1,340,000		Finish new water treatment plant and washeteria	
		2001	Archaeological Survey and Landfill	0	0	131,000	131,000		Conduct archaeological field survey and landfill upgrades.	
		2002	Water and Sewer project	145,000	435,000	0	580,000		Complete construction of water treatment plant and washeteria. Move water intake and investigate drilling a well. Connect clinic to sewer and water.	
		2002	Sewer System	0	0	720,000	720,000		Community vacuum collection station improvements and archaeological clearance for sewer mains.	
				\$6,140,067	\$3,588,333	\$3,967,000	\$13,695,400	\$100,701		
Della Junction	840	2004	Downtown Water and Sewer Master Plan	25,000	75,000	0	100,000		Analyze current downtown systems and recommend future systems.	
				\$25,000	\$75,000	\$0	\$100,000	\$119		
Denali Boro	1893	1997	Regional Landfill	100,000	100,000	0	200,000		Select landfill site; design and permit a new landfill for the community	C
		1998	Regional Landfill	1,004,000	0	0	1,004,000		Construct landfill, equipment shop and access road; install fence	C
		1999	Regional Landfill	865,000	0	0	865,000		Close Cantwell and Andersite dump sites; construct Cantwell solid waste transfer station; purchase landfill operating equipment	C
		2002	Feasibility Study/Sanitation Master Plan	40,000	120,000	0	160,000		Feasibility study for communities in the area; completed 9/02.	C
				\$2,009,000	\$220,000	\$0	\$2,229,000	\$1,177		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Dillingham	2466	1990	Water and Sewer	0	0	477,000	477,000		Construct individual wells and septic tank/drainfield systems for 16 houses. Construct a sand filter system to serve 3 houses and connect one home to the community water and sewer system.	C
		1998	Water and Sewer	0	0	270,000	270,000		ANTHC; no data	
		2000	Water and Sewer	0	0	473,000	473,000		10 new homes will be served with water wells and septic systems, and/or water and sewer service lines.	
		2001	Water and Sewer Services	0	0	236,463	236,463		Install septic tank, drainfield, and individual wells.	
Diomedede	146			\$0	\$0	\$1,456,463	\$1,456,463	\$591		
		1986	Water Tank	329,000	0	0	329,000		Construct 424,000 gallon water storage tank	C
		1994	Master Plan	0	0	75,000	75,000		Master plan to construct water and sanitation facilities	C
		2002	Water System Upgrades	0	0	460,000	460,000		Upgrade building and raw water transmission line. Install water treatment equipment/existing plumbing modification and new intake.	
		2003	Solid Waste Feasibility Study; Water & Sewer Plan	11,300	33,700	0	45,000		Evaluate solid waste disposal alternatives	
		2004	Water source and water tank	400,000	1,200,000	0	1,600,000		Improve water catchment, regrade raw water line and install heat tape, upgrade water treatment and construct water storage tank.	
		2003	Washeteria	0	0	111,545	111,236		Renovate washeteria.	
				\$740,300	\$1,233,700	\$646,545	\$2,620,236	\$17,947		
Dot Lake	38	1985	Emergency Leachfield	10,000	0	0	10,000		Construct community leachfield adjacent to existing leachfield to provide greater capacity	C
		2001	Health/Sanitation Survey/Plan	22,500	67,500	0	90,000		Conduct a health and sanitation survey within Dot Lake to identify current or potential health and sanitation problem areas related to water, sewer and solid waste	C
		2003	Water and Sewer	0	0	84,000	84,000		Individual well and septic systems for 2 homes.	
				\$32,500	\$67,500	\$84,000	\$184,000	\$4,842		
Eagle Village	68	1995	Study	0	0	80,000	80,000		Engineering study for future sanitation facilities which serves 21 homes.	C
		2000	Planning/Feasibility Study for Sanitation Facilities	25,000	50,000	0	75,000		Feasibility study to find and develop new water source at new community townsite; completed 5/01	C
		2002	Water System	0	0	22,000	22,000		Relocate watering point/well appurtenances	
		2003	Water and Sewer	0	0	165,000	165,000		Upgrade water source and sewer treatment	
		\$25,000	\$50,000	\$267,000	\$342,000	\$5,029				
Eek	280	1992	Water Well Drilling	22,500	0	0	22,500		Study in lieu of drilling a new well; study recommended improvements to the existing system; completed 1/94	C
		1993	Sanitation Facilities Construction	0	0	2,861,262	2,861,262		Construct a WTP/Washeteria. Construct a new wastewater lagoon, construct a new fresh river water intake system, construct a sewage outfall line from WTP to new wastewater lagoon, and connect school.	C
		1997	LKSD School Water/Sewer Line Replace	199,500	199,500	0	399,000		Replace water service line to the school at Eek; construct new sewage discharge line from school to the community sewage lagoon	C
		1998	Water and Sewer	0	0	575,000	575,000		Washeteria/WTP. 100,000-gallon water storage tank. Water transmission line, washeteria disposal line, river water intake structure, sewage disposal lagoon.	
		2000	Water and Sewer	456,333	912,667	0	1,369,000		Construct river intake structure, 1,200' raw water transmission main; install washeteria mechanical & electrical equip; construct 100,000 gal. water storage tank; construct sewage lagoon & 260' sewer outfall pipe; purchase ATV's to haul honeybucket waste	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Egegik		2002	Utilities Master Plan	37,500	112,500	0	150,000		Master plan for sewer and water, establishment and operation of a solid waste site.		
		2003	Water System	0	0	225,000	225,000		IHS Housing. Upgrade and expand water treatment plant.		
				\$715,833	\$1,224,667	\$3,661,262	\$5,601,762	\$20,006			
	116	1987	Sewer System	477,400	0	0	477,400		Construct sewer system in the downtown area, including lift station and sewer force main	C	
		1989	Sewage Lagoon	100,000	0	0	100,000		Evaluate whether existing 4.2 acre sewage lagoon is adequate to serve sewer system expansion	C	
		1997	Landfill/Incinerator Project	275,000	275,000	0	550,000		Design & construct 3-ton-per-day solid waste batch incinerator and building for incinerator	C	
		1999	Water and Sewer	0	0	882,000	882,000		Construct water main gravity sewer line, lift station, force main, landfill and access road, water storage tank.	C	
		2000	Water/Sewer Improvements PH II	412,000	824,000	0	1,236,000		Construct piped water & sewer system for 24 residences on the south side of River (northwest and River Road areas). 117 residences currently use honeybuckets	C	
		2001	Sewer and Water System	0	0	820,000	820,000		Construct force main, lift station, and service lines.		
		2002	Water/Sewer Project, PH II	372,600	1,117,700	0	1,490,300		9,224' of water main, 8,040' sewer main, 675' force main and 17 sewer and water services	C	
		2002	Water and Sewer System	0	0	602,500	602,500		Install residential water and sewer and gravity and water main.		
	Ekuk		2003	Water and Sewer, PH III	214,500	643,400	0	857,900		Construct 1700' of water main, 15 services, plumbing for 25 homes, 1900' of sewer main, lift station, and two wells.	
		2004	Water and Sewer Improvement Project, PH IV	96,300	288,700	0	385,000		Complete north shore watering point and upgrades to water treatment plant. Construct improvements to lift stations and provide operator and manager training.		
				\$1,947,800	\$3,148,800	\$2,304,500	\$7,401,100	\$63,803			
2		1983	Water	50,000	0	0	50,000		Drill well and construct community watering point including 14,000 gallon water storage tank	C	
		2002	Feasibility Study/Sanitation Improvement Master Plan	35,000	105,000	0	140,000		Investigate landfill, sewer and water for the community		
				\$85,000	\$105,000	\$0	\$190,000	\$95,000			
Ekwok		130	1984	Sanitation Facility	73,000	0	0	73,000		Drill 22 individual water wells in the community	C
			1985	Water/Sewer Improvement	484,252	0	0	484,252		Drill 8 additional individual wells, install 33 water service lines, install 32 well pumps, install 18 individual septic systems, and construct a community sewer system for 16 homes	C
			2001	Groundwater Study and Test Well	31,250	93,750	0	125,000		Study to determine the best location for a new community well and watering point	C
					\$588,502	\$93,750	\$0	\$682,252	\$5,248		
Elfin Cove	32	1996	Water/Sewer Feasibility Study	35,000	0	0	35,000		Study alternatives for water system, sewage collection and disposal and solid waste disposal	C	
		2003	Drinking Water Project	12,500	37,500	0	50,000		Enlarge water tank and replace distribution lines.		
				\$47,500	\$37,500	\$0	\$85,000	\$2,656			
Elim	313	1989	Water	249,442	0	0	249,442		Construct infiltration gallery, water transmission main and 212,000 gallon water storage tank	C	
		1993	Sewage Outfall Line Extension	431,000	0	0	431,000		Construct community septic tank and ocean outfall	C	
		1994	Sanitation Facilities Construction	0	0	550,000	550,000		Water treatment plant and utilidor to tank	C	
		1996	Water and Sewer	0	0	132,000	132,000		Construction of facilities to serve 3 homes	C	
		1997	Study	0	0	100,000	100,000		Evaluation of the solid waste disposal site.	C	
		1997	Study	0	0	135,000	135,000		Pre-design study which serves 76 homes	C	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Emmonak		1999	Water	0	0	150,000			Water source development, water transmission line and service connects for 6 homes.		
		1999	Sewer	0	0	185,000	185,000		Clearing and fencing of a new proposed solid waste site.		
		2000	Water Source/Transmission Line	334,667	669,333	0	1,004,000		Construct new water source, water transmission main and water and sewer service to 6 houses		
				\$1,015,109	\$669,333	\$1,252,000	\$2,786,442	\$8,902			
		767	1985	Water/Sewer	150,000	0	0	150,000		Design and begin to construct piped water and sewer system for the community; construct water storage tank, water treatment plant, treatment unit skid, pump skid, heat recovery equipment, vacuum sewer skid and electrical work	C
			1985	Water/Sewer System	1,600,000	0	0	1,600,000		Complete construction of Lines W-4 and W-5 and plumb 35 houses	C
			1989	Water/Sewer	370,000	0	0	370,000		Complete construction of Line W-2 and W-8; provide sewage lagoon fencing	C
			1990	Water/Sewer	800,000	0	0	800,000		Complete construction of Lines W-1, W-3 and W-4; provide vacuum toilets and sumps	C
			1993	Water/Sewer	0	0	925,000	925,000		Extend community piped water and vacuum sewer system to connect 22 HUD homes; and contribute funds to assist in construction of a 318,000-gallon water storage tank.	C
			1993	Water/Sewer Project	1,500,000	0	0	1,500,000		Construct additional 310,000 gallon water storage tank and foundation; extend water and sewer mains to new subdivision and provide connections and plumbing for 18 houses	C
			1996		0	0	836,585	836,585		USDA-Direct	
	English Bay		2001	Solid Waste Feasibility Study, Water & Sewer Plan	25,000	75,000	0	100,000		Feasibility study to address solid waste management and the site for a new disposal facility	C
		2002	Water and Sewer Service Connections	0	0	100,000	100,000		Install water and sewer service lines.		
		2003	Water and Sewer	0	0	460,000	460,000		Construct water and sewer service lines, connecting 13 homes to main system.		
		2003	Washeteria	0	0	1,000,000	1,000,000		Construct and equip washeteria		
		2003	Water and Sewer	0	0	261,780	261,780		IHS Housing. Service connections to 5 homes.		
		2003	Water System	0	0	80,000	80,000		IHS Housing. Complete water treatment plant.		
				\$4,445,000	\$75,000	\$3,663,365	\$7,841,585	\$10,224			
Ester	1680	1985	Well Study	21,000	0	0	21,000		Rehabilitate existing well and provide an all-weather watering point	C	
				\$21,000	\$0	\$0	\$21,000	\$13			
Evansville	28	1985	Water/Sewer	278,563	0	0	278,563		Drill 15 individual wells and install 13 septic systems; construct sludge disposal site	C	
		1998	Solid Waste Landfill PH II	185,000	185,000	0	370,000		Construct solid waste disposal site including sludge disposal pit for the community	C	
		2000	Sanitation Feasibility Study	28,333	56,667	0	85,000		Study options for water, sewer and solid waste improvements	C	
		2002	Water and Sewer	0	0	120,000	120,000		IHS Housing. Individual wells and septic.		
		2003	Water and Sewer System	0	0	344,000	344,000		Rehab of existing well and install septic tank/drain fields, wells and in-house plumbing.		
				\$491,896	\$241,667	\$464,000	\$1,137,563	\$42,770			
Fairbanks North Star Boro	30224	1985	Water Point	5,285	0	0	5,285		Study the feasibility of drilling a well and constructing an all-weather watering point for NSB	C	
		2003	Ballaine Lake Sewage Disposal Feas. Study	25,000	75,000	0	100,000		Review alternatives for wastewater treatment for Ballaine Lake service area.		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$30,285	\$75,000	\$0	\$105,285	\$3		
False Pass	64	1999	Water and Sewer	0	0	100,000	100,000		Install water to 2 homes and septic systems, and rehab one septic system	C
		2003	Wastewater Treatment and Disposal Feas. Study	25,000	75,000	0	100,000		Investigate alternatives for wastewater treatment.	
		2003	Water System Improvements	236,500	709,500	0	946,000		Conduct a wastewater treatment and disposal feasibility study	
Fort Yukon				\$261,500	\$784,500	\$100,000	\$1,146,000	\$17,906		
	595	1988	Sewage Study	0	0	0	0		Reappropriated HB163	C
		1989	ANTHC	0	0	175,000	175,000		Not Available	C
		1990	Wastewater Lagoon Study	8,056	0	0	8,056		Study the options for upgrading the sewage lagoon to provide improved treatment	C
		1996	Master Plan/Solid Waste	37,243	0	0	37,243		Study water, sewer and solid waste improvements in the community; recommendations include water treatment upgrades, construction of a community sewer system and incremental improvements to the solid waste disposal site; completed 7/97	C
		1999	Water and Sewer Plan and Design	0	0	240,000	240,000		Plan and design improvements to WTP, water distribution and sewer collection system	
		2000	Water	0	0	780,000	780,000		Construction of 1700' of arctic water circulating main, with service line connections and auxiliary circulating loop connections. Improvements to the waste heat supply system for the circulating water main.	
		2002	Water and Sewer Improvements	346,400	1,039,100	0	1,385,500		Design and construct sewage lagoon	
		2002	Water and Sewer System	0	0	1,801,050	1,801,050		Install septic tanks and drain fields, well transmission line, well enclosure and new iron/mn removal system. Improve distribution system, wells and sewage lagoon.	
		2003	Sewer System	0	0	2,168,606	2,168,606		IHS-708,521; CWA AN03N53-\$1,460,085. Construct sewer mains and service connections to 41 homes.	
		2003	Water and Sewer, PH III	633,300	1,899,600	0	2,532,900		Construct force main, lift stations, and collection main. Connect school to sewage collection system. Close school lagoon	
		2004	Water and Sewer Project, PH IV	610,800	1,832,200	0	2,443,000		Construct washeteria, 60 sewer service lines and sewer mains.	
Galena				\$1,635,799	\$4,770,900	\$5,164,656	\$11,571,355	\$19,448		
	675	1993	Water and Sewer	0	0	2,245,840	2,245,840		Develop a new city water source and rehabilitate the existing sewage lagoon, and provide a new water treatment system.	C
		1998	Water and Sewer	0	0	675,000	675,000		Rehabilitation of the community sewage lagoon through dike improvement and lagoon fencing. 30 homes will be served with individual water and sewer facilities. Purchase of O&M equipment to support the sanitation facilities.	C
		1999	Landfill Construction and Equipment	250,000	250,000	0	500,000		Construct fencing and equipment storage building; provide dumpsters and dumpster handling equipment; purchase heavy equipment for solid waste management; cleanup landfill site	
		1999	Water and Sewer	0	0	197,000	197,000		15 piped water connections to individual homes, WTP piping improvements, community water well and piping, water main line expansion planning and design, sewer lagoon improvements.	
		2000	Water/Sewer Expansion	200,000	600,000	0	800,000		Construct water service lines to 15 additional homes; improve water treatment plant piping to allow for fire flow; construct additional well and piping; improvements to sewage lagoon	
		2002	Sewer Systems	0	0	250,000	250,000		Install individual sewer systems.	
		2003	City Utilization of Airbase Water System Study	18,800	56,200	0	75,000		Review options for water supply to Old Town.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Gambell		2003	Water and Sewer	0	0	1,412,815	1,412,815		IHS \$951,795; CWA \$461,020 AN03N54. Construct on-site sewage systems for 37 homes, connect 45 homes to water system, install interior plumbing in 20 homes and upgrade water treatment.	
		2003	Water and Sewer, PH II	625,000	1,875,000	2,250,000	4,750,000		Install water main, connect 70 homes and learning center. Install 10 sewage disposal systems.	
				\$1,093,800	\$2,781,200	\$7,030,655	\$10,905,655	\$16,157		
	649	1989	Water and Sewer, Phase I	280,000	0	0	280,000		Phase I water & sewer to 12 homes	C
		1990	Water and Sewer, Phase II	600,000	0	0	600,000		Piped water and sewer to 12 homes (PH I); and to 32 additional homes (PH II)	C
		1991	Water and Sewer Project, Phase I and II	0	0	1,573,000	1,573,000		Connect 31 homes to piped water and sewer, construct a seplage lagoon and honey bucket dump, purchase construction equipment, and minor sanitation improvements.	C
		1992	Water and Sewer, Phase III	2,800,000	0	0	2,800,000		Water & sewer to 32 additional homes	C
		1993	Water and Sewer	0	0	1,150,000	1,150,000		Construct sewage lagoon, force main, and lift station for 135 existing homes	C
		1994	Water and Sewer System Expansion	970,000	0	0	970,000		Piped water and sewer to Gambell Subdivision A and extend the Loop B water supply to Old Town to serve an additional 20 HUD homes	C
		1996	Water and Sewer	1,505,383	477,171	0	1,982,554		Upgrade washeteria (built in 1979); replace 12-home loop sewer (due to failed septic systems) and connect to lift station and lagoon; upgrade watering point and water transmission lines	C
	1996	Waste and Water Disposal	0	0	1,000,000	1,000,000		USDA-Direct		
	2000	Water Feasibility Study	166,667	333,333	0	500,000		Study and drilling exploration project; additional water source capacity is needed to serve entire community adequately; Old Town is not currently served by the piped water and sewer system.		
	2002	Solid Waste, Sanitation Master Plan	50,000	150,000	0	200,000		Conduct solid waste study and study sewer and water options for the old village		
	2003	Water System Improvements	0	0	178,000	178,000		Renovate water line and A-Loop bypass valves.		
	2003	Water and Sewer	0	0	52,000	52,000		IHS Housing. Service connections for 4 homes.		
	2003	Water System	0	0	117,000	117,000		SDWA AN03N48. Repair joints in A Loop.		
				\$6,372,050	\$960,504	\$4,070,000	\$11,402,554	\$17,569		
Glennallen	554	1985	Water/Sewer Study	50,000	0	0	50,000		Study to determine the feasibility of a community piped water and sewer system	C
		1987	Water/Sewer	1,000,000	0	0	1,000,000		Design and construct Phase I, including sewage lagoon, lift stations, force main and sewer line	C
		1988	Sewer Phase I	1,500,000	0	0	1,500,000		Continue construction of sewer system, including sewer collection system for Areas I-V	C
		1989	Sewer	150,000	0	0	150,000		Continue construction of sewer system; install 30 sewer service connections in the community	C
		1990	Sewer System	300,000	0	0	300,000		Finish construction of Phase I improvements, including lift station mechanical and electrical	C
		1991	Sewer	1,000,000	0	0	1,000,000		Design and construct Phase II sewer, including extension into Blackburn Subdivision, east to Parks Place and north to Glennallen Heights	C
		1992	Sewer System	1,200,000	0	0	1,200,000		Continue construction of Phase II sewer, including extending sewer east to Glennallen Heights	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Golovin		1993	Sewer System Expansion	800,000	0	0	800,000		Expand sewage lagoon to accommodate Phase II sewer; finish Glennallen Heights extension	C	
		1999	Lagoon Third Cell	225,000	225,000	0	450,000		Construct permanent 3rd cell at the sewage lagoon to accommodate expanding population	C	
		2002	Lagoon Upgrades, PH II	412,500	1,237,500	0	1,650,000		Complete percolation cell at lagoc., carry out 1/1 fixes and add ont. utility office		
		2002	Sanitation Feasibility Study	62,500	187,500	0	250,000		Study expansion of sewer system to the HUB portion of Glennallen		
				\$6,700,000	\$1,650,000	\$0	\$8,350,000	\$15,072			
		144	1985	Water Truck	36,000	0	0	36,000		Purchase heavy-duty water delivery truck	C
			1987	Water and Sewer	600,000	0	0	600,000		Install individual water holding tanks, interior plumbing and septic systems for 32 homes	C
			1989	Water and Sewer	60,000	0	0	60,000		Construct summer-only water distribution system	C
			1990	Washeteria and Water Storage Tank Repairs	91,395	0	0	91,395		Repair washeteria drain field and water storage tank	C
			1990	Water and Sewer	8,605	0	0	8,605		Repair two septic systems installed improperly	C
			1992	Water and Sewer Improvements, Phase II	427,300	0	503,000	930,300		Construct solid waste disposal site including sewage sludge disposal; construct access road	C
			1994	Water Source Transmission Line Construction	972,500	0	0	972,500		Extend water source transmission line and construct access trail. The line will be used to pump water to three large water storage tanks. Construction 95/96	C
			1996	Village/School Water/Sewer system feasibility Study	113,600	0	0	113,600		Study to determine best long-term sewage options for both school and city. School's biopure system is failing	C
			1999	Water Storage Tank Completion	0	0	650,000	650,000		1.2 million gallon water storage tank completion	C
			1999	Water Storage Tank	879,000	879,000	0	1,758,000		1.2-million-gal. tank to replace dilapidated wood tank. In preparation for piped water & sewer system (9-phase project)	C
			1999	Water Main	0	0	892,000	892,000		Circulation water main, circulation water service line, waste heat to water main, community	
			1999	Solid Waste	0	0	100,000	100,000		Solid waste site drainage system	
	Goodnews Bay		2002	Water and Sewer project, PH II and IV	150,000	450,000	0	600,000		Construct lift station and marine outfall. Construct 3,040' of sewer main and connect 12 homes, school, clinic, and city office and washeteria to sewer	
			2002	Wastewater System	0	0	565,000	565,000		Abandon failing drain field and connect washeteria to the community wastewater system.(Tribal Grant)	
			2003	Washeteria	0	178,000	853,846	1,031,846		Construct new washeteria	
		2003	Water and Sewer	0	0	462,200	462,200		\$231,000 IHS; \$231,200 CSW AN03N43. Construct sewer line and upgrade water treatment.		
		2003	Water and Sewer	0	0	551,350	551,350		Construct sewer service lines for 2 homes, in-house water and sewer plumbing, sewer mains and water service lines for 4 homes.		
		2004	Water Source Feasibility Study	31,000	93,000	0	124,000		Study options to increase water quantity		
		2004	Water and Sewer Project	497,900	1,493,600	0	1,991,500		Construct sewer and water mains, water service lines, a lift station and house plumbing. Purchase septic pump truck.		
				\$3,867,300	\$3,093,600	\$4,577,396	\$11,538,296	\$80,127			
		230	1992	School Water Treatment	50,000	525,000	0	575,000		Provide water exploration and develop a new water source for the community	C
			1993	Honey Bucket Haul System	0	0	575,000	575,000		Expand honey bucket disposal lagoon and honey bucket haul system.	
		1997	Water	0	0	1,222,000	1,222,000		Expand facultative lagoon.	C	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1997	Water System Improvement Study	100,000	0	0	100,000		Study to evaluate the feasibility of a piped water and sewer system for Goodnews Bay	C
		1997	Leachfield Study	42,000	0	0	42,000		Study to evaluate options for replacing the leachfield at the LKSD school in Goodnews Bay	
		1998	Sanitation Facilities	610,000	610,000	0	1,220,000		Design and construct 4,400 ft. circulating water distribution system and plumbing for 36 houses in the community; funding from other sources is being used with this appropriation	C
		1998	Water and Sewer	0	0	1,190,000	1,190,000		Water storage tank, expansion of the sewage lagoon and a solid waste equipment maintenance garage.	C
		1999	Piped Water and Sewer PH I	1,226,500	1,226,500	0	2,453,000		Design & construct water treatment plant foundation, bulk fuel storage, 1,600 ft circulating water distribution main, 18 water service lines, 1,700 ft sewer mains, 18 sewer service lines & 11 manholes; funding from other sources is being used with this approp	
		2002	Water and Sewer project	416,500	1,249,500	0	1,666,000		Construct 2,500' water main, 2,200' sewer main and connect plumbing to 30 homes.	
		2002	Sewer System	0	0	511,800	511,800		Construct approximately 1,000' of sewer main	
		2003	Water and Sewer System Expansion	0	0	606,870	606,870		IHS AN03N49. Construct service connections for 50 homes and plumbing for 29 homes.	
				\$2,445,000	\$3,611,000	\$4,105,670	\$10,161,670	\$44,181		
	Grayling	194	1989	Water/Sewer Upgrade	400,000	0	0	400,000		Extend water and sewer service to 5 houses and renovate the pump house plumbing
		1994	Water and Sewer	0	0	802,000	802,000		Provide water and sewer service to one home, provide an addition and new equipment in the water plant, locking shutoff on 60 residential water service lines, and provision of plumbing materials for 20 homes.	C
		1996	Solid Waste	0	0	488,000	488,000		Construction of a new solid waste disposal site and plumbing for 20 homes	C
		1996	Water/Sewer	65,000	35,000	0	100,000		Construct addition to water treatment plant; provide treatment equipment; purchase materials to plumb 20 houses; purchase heavy equipment for operation and maintenance	C
		1997	Solid Waste Site Improvements/Plumb	112,000	112,000	0	224,000		Construct new solid waste site and provide house plumbing for 28 homes (materials purchased)	C
		2003	Water and Sewer	0	0	160,000	160,000		Water and sewer service lines to 4 homes.	
		2003	Water Feasibility Study	38,300	114,700	0	153,000		Identify water system improvements.	
				\$615,300	\$261,700	\$1,450,000	\$2,327,000	\$11,995		
Gulkana	88	1997	Water System Feasibility Study	50,000	0	0	50,000		Study to evaluate water source alternatives including water quality testing	C
		1998	Water	0	0	295,000	295,000		Construction of a 100,000-gallon bolted steel water storage tank located on a gravel foundation pad adjacent to the existing WTP. Also, existing WTP will be modified to allow water softening treatment of the incoming raw water.	C
		1999	Water Modernization Project	400,000	400,000	0	800,000		Modify water treatment plant and replace 3,900 feet of water main and 18 service connections	C
		2000	Water and Sewer	0	0	250,000	250,000		Provide 3 homes with water and sewer service line connections to the existing water and gravity sewer systems and replacement of 3 existing water services. 220' of arctic sewer pipe, 1100' of arctic water pipe, individual lift station and appurtenances.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2000	Village Master Plan	50,000	100,000	0	150,000		Study to modernize and expand the existing water and sewer system	
		2002	Sanitation Facilities Master Plan	31,300	93,700	0	125,000		Plan future sewer and water needs and backup water supply options	
		2004	Water Treatment Study	25,000	75,000	0	100,000		Carry out water quality testing to determine treatment regime.	
				\$556,300	\$668,700	\$545,000	\$1,770,000	\$20,114		
Gustavus	429	2001	Septage Disposal Feasibility Study	2,500	7,500	0	10,000		Feasibility study to address the problem of hauling, treating and disposing of septage generated with the community.	C
				\$2,500	\$7,500	\$0	\$10,000	\$23		
Healy	1000	1997	Solid Waste Disposal Site	65,000	0	0	65,000		Purchase heavy equipment for landfill maintenance; construct equipment storage building	C
				\$65,000	\$0	\$0	\$65,000	\$65		
Healy Lake	37	1993	Water and Sewer	0	0	462,000	462,000		Management of design and construction of washeteria and plumbing, wells and septic systems for 8 homes and the school.	C
		1995	Sanitation Facilities Construction	250,000	0	0	250,000		Design and construct washeteria and septic systems for 8 houses and the school; drill well	C
		1996	Sanitation Facilities	0	0	249,000	249,000		USDA-Direct	
		1999	Water	0	0	94,800	94,800		New community water source and a community watering point.	
		2000	Water, Sewer and Solid Waste Master Plan	33,333	66,667	0	100,000		Feasibility study to provide water and sewer to individual homes; study solid waste disposal	C
		2000	Water and Sewer	0	0	400,000	400,000		Construct individual wells, septic systems and provide in-house plumbing for up to 7 homes. Provide aerial photography and mapping of community.	
		2002	Landfill Siting/Water Quality Protection Study	18,800	56,200	0	75,000		Carry out siting study for landfill and study waste stream	
				\$302,133	\$122,867	\$1,205,800	\$1,630,800	\$44,076		
Holy Cross	227	1994	Sanitation/Lagoon Design/Construction	500,000	0	0	500,000		Upgrade water mains and circulation system; upgrade sewage lagoon and lift station	C
		2002	Sanitation Master Plan	31,300	93,700	0	125,000		Analyze backup water system options, existing treatment facilities, and sewer and water for un-served and proposed homes	
		2002	Water System	0	0	60,000	60,000		Replace 2 boilers, water meters and piping.	
		2003	Water and Sewer	0	0	150,000	150,000		IHS Housing. Service connections for 3 homes.	
				\$531,300	\$93,700	\$210,000	\$835,000	\$3,678		
Hoonah	860	1995	Planning and Design	0	0	270,000	270,000		Provide planning and design for a new water treatment facility and extend water and sewer service to 6 homes in the community.	C
		1996	Construction	0	0	1,654,923	1,654,923		Construction of a new water trunk line to the new proposed water treatment plant.	C
		1999	Master Plan	0	0	50,000	50,000		Water and Sewer master plan	
		1999	Sewer Construction	0	0	845,000	845,000		Construct mains, man hole, and service saddles for homes	
		1999	Sanitation Improvements	0	0	180,000	180,000		Renovation of an existing sewage lift station, or construction of a new lift station to replace the existing lift station.	
		2003	Sewer System	0	0	75,000	75,000		IHS Housing. Sewer system repairs.	
				\$0	\$0	\$3,074,923	\$2,999,923	\$3,488		
Hooper Bay	1014	1987	Water and Sewer	221,000	0	0	221,000		Rehabilitate old town watering point and washeteria; prepare water and sewer master plan	C
		1987	Water, Sewer, Solid Waste	579,000	0	0	579,000		Complete rehabilitation of old town watering point and washeteria; construct school force main	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1992	Water/Sewer Upgrade	990,000	0	0	990,000		Construct water and sewer improvements at the washeteria, health clinic and Headstart building; perform groundwater investigation and well drilling to find a suitable water source	C
		1994	Sewer System	875,000	0	0	875,000		Design and begin to construct sewage lagoon and solid waste disposal site upgrade	C
		1994	Wastewater Project	0	0	113,000	113,000		Lagoon construction and contributions toward the purchase of honey bucket haul system components in support of 25 homes.	
		1994	Water/Sewer Improvements	225,000	0	0	225,000		Close-out old honey bucket lagoon; additional well drilling on Blueberry Hill to find water	C
		1997	Sewage Lagoon, PH II	450,000	550,000	164,000	1,164,000		Finish construction of sewage lagoon and solid waste disposal site upgrade	C
		1999	Water and Sewer Improvements	0	0	1,700,000	1,700,000		Water transmission main, insulated water storage tank, utility building site work, power line extension to the utility building site.	C
		1999	Piped Water and Sewer	625,000	625,000	3,227,122	4,477,122		Design and begin to construct new washeteria / utility building that will eventually supply water to a piped water system and receive sewage from a vacuum sewer collection system	C
		2001	Piped Water and Sewer Improvements	612,500	1,837,500	0	2,450,000		Continue to construct new washeteria / utility building including building pad, thermosyphon installation, building shell and interior partitions	
		2001	Water Treatment Plant	0	0	1,060,000	1,060,000		Install WTP mechanical and electrical equip.	
		2002	Piped Water and Sewer	725,000	2,175,000	0	2,900,000		Construct water tank, well field, raw water transmission line, washeteria and water treatment plant installation. Extend force main to lagoon.	
		2002	Old Town Roads	0	0	25,000	25,000		RSA from DOTPF	
		2003	Water/Sewer	687,500	2,062,500	0	2,750,000		Connect Old Town watering point to water system, connect water and sewer to school and armory, construct boardwalk and start of satellite building.	
		2004	Satellite Building Mechanical Systems	587,500	1,762,500	0	2,350,000		Design and construct mechanical, electrical and vacuum pump station systems for satellite building.	
				\$6,577,500	\$9,012,500	\$6,289,122	\$21,879,122	\$21,577		
Hughes	78	1989	Water/Privies/Pumper	162,000	0	0	162,000		Relocate bulk fuel storage tank and rehabilitate piping and electrical; construct solid waste site with fencing; build pit privies for 17 houses; construct septic sludge disposal site	C
		1998	Sanitation Feasibility Study	24,023	24,023	0	48,046		Study feasibility of major improvements to circulating water system, sewer system and new landfill; completed 4/99	C
		2000	Water and Sewer Improvements	0	0	327,950	327,950		Correct corrosion problem and modernize plumbing, site and design a new sewage lagoon.	
		2001	IHS Funds	0	0	215,400	215,400		IHS Construction Funding	
		2003	Washeteria	0	0	54,238	54,238		Design, planning and implementation of washeteria renovations.	
		2003	Sewage Lagoon	0	0	591,380	591,380		Construct multi-cell sewage lagoon and design haul system garage.	
		2004	Water Supply and Sewage Collection Project, PH III	252,000	756,000	0	1,008,000		Design and construct garage and service for 10 homes. Purchase haul equipment. Investigate and design new water source.	
				\$138,023	\$780,023	\$1,188,968	\$2,407,014	\$30,859		
Huslia	293	1992	Sanitation Improvements	500,000	0	0	500,000		Design and construct gravity sewer system, lift station, force main and sewage lagoon	C
		1994	Water/Sewer Design & Construction	350,000	0	0	350,000		Design and construct water treatment plant modifications to accommodate system expansion	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1995	Water and Sewer Upgrades	0	0	1,052,000	1,052,000		Water mains, sewer lift station, sewage collection mains, water plant upgrade	C
		1997	Water and Sewer Upgrades	400,000	400,000	0	800,000		Extend water and sewer service to 25 new houses built by the housing authority	C
		1997	Water and Sewer Connection	0	0	554,000	554,000		12 water and sewer service connections	
		1999	Water Tank, Sanitation Master Plan	0	0	937,000	937,000		Construct water storage tank and transmission line prepare sanitation facilities master plan	
		2002	Water and Sewer	0	0	120,000	120,000		Install water and sewer service connections.	
		2003	IHS Housing	0	0	183,650	183,650			
		2003	Design and Planning	0	0	100,000	100,000		Design and planning for construction of new clinic.	
		2003	Sewer/Solid Waste Improvements	169,000	507,000	0	676,000		Renovate main lift station and replace septic lift station. Develop new landfill and close old landfill.	
				\$1,419,000	\$907,000	\$2,946,650	\$5,272,650	\$17,995		
Hydaburg	382	1991	Water/Sewer Improvements	175,000	0	0	175,000		Relocate and upgrade pump house and construct sludge disposal pit	C
		1998	Solid Waste Master Plan	25,000	25,000	0	50,000		Master plan to examine solid waste alternatives and design new site; completed 12/99	C
		1999	Water	0	0	175,000	175,000		Renovation of a municipal WTP.	
		2003	Water Source Optimization & Conservation Study	25,000	75,000	0	100,000		Identify water supply improvements and produce as-built drawings	
		2003	Septic System	0	0	10,000	10,000		Replace septic tank.	
		2003	Water System	0	0	300,000	300,000		SDWA AN03N47. Conduct water quality tests and studies, install corrosion control equipment and carry out leak detection tests.	
		2003	Water System	0	0	50,000	50,000		IHS Housing. Water treatment plant improvements	
		2004	Sewer System Facility Plan	25,000	75,000	0	100,000		Identify deficiencies in sewer system and recommend upgrades.	
				\$250,000	\$175,000	\$535,000	\$960,000	\$2,513		
Hyder	97	1996	Water/Sewer Feasibility Study	27,247	0	0	27,247		Feasibility study to address water supply from individual wells and sewage disposal via a collection system, lift station, aerated sewage lagoon and ocean outfall; completed 11/98	C
				\$27,247	\$0	\$0	\$27,247	\$281		
Igiugig	53	1984	Water Sewer Studies	45,000	0	0	45,000		Feasibility study to address water and sewer improvements; exploratory well drilled which provided adequate quantity of water for a community system; completed 1/84	C
		1987	Water/Sewer	410,000	0	0	410,000		Constructed washeteria, sewage lift station, force main and sewage lagoon; clinic hookup	C
		1992	Water and Sewer	0	0	655,000	655,000		Construction of community water and sewer mains to service 4 HUD and 8 other homes. The constructed facilities will include gravity collection mains, effluent force main, effluent lift station, one well and septic drain field system.	C
		1993	Water and Sewer Improvements	100,000	0	0	100,000		Construct water main to serve 12 homes in the main part of the village; install septic systems	C
		1995	Solid Waste	0	0	249,000	249,000		Construct a fenced solid waste site, after an all weather access road has been constructed	
		1997	Community Water/Sewer System Completion	125,000	125,000	0	250,000		Upgrade water treatment plant; extend water system to east end of the community; provide septic tanks, gravity effluent collector, lift station and force main to provide sewer service	C
		1999	Sanitary Landfill Study	30,000	30,000	0	60,000		Feasibility study to locate and design a new solid waste disposal facility, including collection and storage of hazardous waste	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$710,000	\$155,000	\$904,000	\$1,769,000	\$33,377		
Iliamna	102	1987	Water/Sewer	366,400	0	0	366,400		Construct individual wells, water service lines and septic systems for 12 houses; purchase sludge pumper trailer and construct sludge disposal site for the community	C
		1996	Water and Sewer	0	0	250,000	250,000		Individual on-site facilities to serve 6 homes	C
				\$366,400	\$0	\$250,000	\$616,400	\$6,043		
Ivanof Bay	22	1985	Water/Sewer	312,749	0	0	312,749		Construct water source well and distribution system to serve 17 homes; install septic systems	C
		2000	Septage/Landfill Study & Pre Design	35,367	72,733	0	109,100		Study to develop a new landfill and to investigate several potential sites for a new landfill	C
		2001	Landfill Water Quality Protection Study	31,250	93,750	0	125,000		Planning, design and development of a new landfill and sludge disposal site	
				\$380,366	\$166,483	\$0	\$546,849	\$24,857		
Kachemak	431	1989	City Sewer	200,000	0	0	200,000		Engineering study and preliminary design of a piped sewer system for the community; completed 12/84 and 5/88 respectively	C
				\$200,000	\$0	\$0	\$200,000	\$464		
Kake	710	1991	Water and Sewer	0	0	650,000	650,000		Gravity sewer main, sewer force main, 2 large community sewer lift stations, 2 small community lift stations, 57 sewer service line extensions and connections	C
		1994	Water and Sewer Improvements	0	0	1,045,000	1,045,000		Improve water and sewer services to 14 existing homes, upgrade the community	C
		1995	Water and Sewer Improvements	0	0	130,000	130,000		Housing survey to reduce water wasting, purchase a new 5700 liter sewage vacuum pumper truck, repair existing ocean outfall and purchase misc. operation and maintenance equipment	C
		1997	Sewer Improvements	0	0	120,000	120,000		Sewer main and service line extensions to serve 2 homes and a community tribal bldg., a sewer lift station to connect sewer line service to the community sewer system.	C
		1997	Water and Sewer	0	0	714,500	714,500		Construction of water and sewer main extensions and service lines which will serve 20 homes	C
		2000	Water Source Construction	0	0	2,433,000	2,433,000		Construct a new water source including access, intake and transmission line	
		2000	Water and Sewer	0	0	245,000	245,000		Install 600' of water main and connect 7 existing services and install 1 new service line. Install 300' of sewer main and connect 2 services and install one new service	
		2000	Emergency Water	0	0	406,000	406,000		Existing water source and a wooden dam were damaged beyond repair during a recent flood event. Interim water supply.	
		2002	Water System	0	0	1,250,000	1,250,000		Design of intake and treatment system and construction of access road to intake, new lake intake structure and water transmission pipeline.	
		2003	Sewer System Facility Plan	0	0	1,050,771	1,050,771		CWA AN03N35. Install community septic tank, upgrade lift station and outfall and expand sludge pond.	
				\$0	\$0	\$8,044,271	\$8,044,271	\$11,330		
Kaktovik	293	1987	Washeteria	337,395	0	0	337,395		Construct Washeteria	C
		1997	Water/Sewer Project PH III	375,000	375,000	0	750,000		Design piped water and sewer system for the community	
				\$712,395	\$375,000	\$0	\$1,087,395	\$3,711		
Kalskag		1988	Sewage Disposal Improvements	50,000	0	0	50,000		Construct 2,000 gallon septic tank and leachfield for the washeteria	
				50,000	0	0	50,000			

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Kaltag	230	1992	Water	0	0	947,000	947,000		Extend water service line to a new pump house/laundry facility located in the new subdivision	C
		1993	Water/Sewer Extension PH I	342,400	0	0	342,400		Construct a pump house, washeteria and watering point; extend existing water and sewer mains	C
		1993	Water and Sewer	0	0	1,217,000	1,217,000		Extend water and sewer services through Kaltag subdivision, construct a 200,000-gallon WST, re-locate the existing pump house/WTP into the new building constructed in 1992.	C
		1994	W/S System Design/Construction	646,000	0	0	646,000		Design and construct water storage tank, circulating water & sewer mains to Kaltag Subdivision	C
		1995	Water and Sewer	0	0	50,000	50,000		Install water and sewer service to one household, and community facility/clinic. Develop a new water source.	C
		1996	Water and Sewer	0	0	34,000	34,000		Connection of one home to water and sewer	C
		1997	Facilities Construction	0	0	400,000	400,000		Construction of a 200,000-gallon insulated water storage tank, rerouting of the well line, WTP upgrades to address the SWTR, and connect 5 homes to the existing water and sewer systems.	C
		1998	Upgrade Existing Water and Sewer Facility Plan	23,000	23,000	0	46,000		Comprehensive study to address upgrading community water and sewer facilities	C
		1999	Water and Sewer	0	0	280,000	280,000		Provide 2 homes with individual water and sewer service	
		2000	Solid Waste Site	57,500	172,500	172,500	230,000		Construct new landfill, access road and fencing; provide a burn box. USDA-Direct	
		2001	Master Plan	43,750	131,250	0	175,000		Master plan for expanding and upgrading existing water and sewer facilities	
		2003	Water and Sewer	0	0	120,000	120,000		Install water and sewer service lines.	
		2003	Water and Sewer	0	0	598,141	598,141		IHS- \$392,622 CWA- \$205,520 AN03N56. Replace/repair manholes, inspect/repair sewer mains, upgrade water treatment and construct well.	
		2004	Water and Sewer Improvements, PH II	397,300	1,191,700	0	1,589,000		Extend water and sewer mains and reconfigure Town Loop.	
			\$1,609,950	\$1,518,450	\$3,818,641	\$6,674,541	\$29,020			
Karluk	27	1988	Sewage Disposal	60,000	0	0	60,000		Construct sewage lagoon percolation cell and fencing	C
				\$60,000	\$0	\$0	\$60,000	\$2,222		
Kasaan	39	1985	Water and Sewer Study/Design	22,562	0	0	22,562		Study for improving the water system and extending the system to a new subdivision; completed 11/84	C
		1985	Water and Sewer	2,438	0	0	2,438		Rehabilitate water infiltration gallery to increase raw water flow to the treatment plant	C
		1987	Water and Sewer	27,270	0	0	27,270		Construct 600 ft. water main and 6 new service connections; construct community sewage collection system including 1,685 ft. sewer main, 10 service connections and ocean outfall	C
		1990	Water Project	0	0	75,000	75,000		Construction of a new dam, water intake facilities, 650' access trail, raw water supply line, micro filtration equipment	C
		1994	Dam Site/Treatment Plant Construction	500,000	0	0	500,000		Construct dam, water intake, access trail, water transmission main and water filtration equip.	C
		1995	Water Storage Tank	0	0	910,000	910,000		Construction of a water storage tank.	C
		1996	Wastewater Project	0	0	150,000	150,000		3 short sewer main line extensions, 5 sewer service connections. 2 septic tanks, 3 REPS units, 1 drain field	C
		2001	Water/Sewer Feasibility Study	2,575	7,725	0	10,300		Feasibility study to address installation of water and sewer mains in the Kavilco Subdivision; completed 7/01	C
		2002	Feasibility Study for Water/Sewer Main Extension	28,800	86,200	0	115,000		Carry out aerial photography, topo mapping, soil test pits, preliminary water and sewer design, and rate study.	
				\$583,645	\$93,925	\$1,135,000	\$1,812,570	\$46,476		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Kasigluk	543	1991	Sewage	0	0	1,140,000	1,140,000		Construct a honey bucket haul system with transport equipment, garage, boardwalk, and disposal lagoon.	C
		1999	Sanitation Facilities Master Plan	0	0	89,200	89,200		Complete sanitation facilities master plan	C
		1999	Sanitation Facilities Master Plan	50,000	50,000	0	100,000		Comprehensive sanitation facilities master plan for the community	C
		2000	Akula School Sewage Lagoon Relocation Study	12,233	24,467	0	36,700		Feasibility study to review the options for relocating the sewage lagoon at the Akula School	
		2001	Sewer and Water Improvements	510,700	1,532,100	0	2,042,800		Construct new wells, washeteria and shop, water storage tank, watering point, water treatment system, lagoon and force main, and school sewer connection. Reclaim school and community lagoon.	
		2001	Akula School Sewage Lagoon Relocation Study	13,125	39,375	0	52,500		Continuation of feasibility study to review the options for relocating the sewage lagoon	
		2003	Washeteria/WTP/Storage Tank	685,000	2,055,000	0	2,740,000		Rehabilitate washeteria and water treatment plant in Old Kasigluk and complete new washeteria/WTP in New Kasigluk. Replace water tank, construct lagoon, lift stations, and force main to connect school and washeteria to lagoon.	
		2003	Sewer System Facility Plan	0	0	602,740	602,740		CWA AN03N37. Construct sewage lagoon, sewer force main and lift station.	
		2003	Water Supply	0	0	1,038,250	1,038,250		Construct washeteria/WTP facility and connect wells.	
				\$1,271,058	\$3,700,942	\$2,870,190	\$7,842,190	\$14,442		
Kennicott/McCarthy	42	2001	Master Utility Plan	12,500	37,500	0	50,000		Master plan to develop alternatives for disposing seplage and solid waste	C
			\$12,500	\$37,500	\$0	\$50,000	\$1,190			
Ketchikan Gateway	1000	1988	Mt. Point Sewer Study/Design	481,562	0	0	481,562		Design and construct water transmission main and storage tank	C
		1988	Mt. Point Water/Sewer	374,438	0	0	374,438		Complete feasibility study and design of water distribution system and sewage collection system for the Mt. Point Service Area	C
		1989	Mt. Point Water System	600,000	0	0	600,000		Construct new water treatment plant	C
		1990	Mt. Point Water and Sewer Phase I-B	150,000	0	0	150,000		Finish Phase I water and sewer construction -- Roosevelt Spur	C
		1990	Mt. Point Water and Sewer Phase I-A	370,000	0	0	370,000		Phase I water and sewer construction -- Roosevelt Spur	C
		1992	Mt. Point Water and Sewer Phase II	2,524,000	0	0	2,524,000		Phase II water and sewer construction -- South Tongass Highway (south section), Franklin Drive and ocean outfall	C
		1993	Mt. Point Water/Sewer Phase III	1,800,000	0	0	1,800,000		Phase III water and sewer construction -- Roosevelt Drive and Roosevelt Spur extension	C
		1994	Mt. Point Water/Sewer Phase IV	926,000	0	0	926,000		Phase IV water and sewer construction -- South Tongass Highway (north section)	C
		1995	Mt. Point Water and Sewer Phase V	1,460,000	1,460,000	0	2,920,000		Phase V water and sewer construction -- Roosevelt Drive extension and Rogers Pass Road	C
		1996	Shoup St. Service area Water and Sewer Study	50,000	0	0	50,000		Feasibility study for providing piped water and sewer to the Shoup Street Service Area; completed 6/96	C
		1996	Mt. Point Water and Sewer Phase VI	540,000	660,000	0	1,200,000		Construct sewer mains for Phase IV	C
		2000	Water/Sewer Services Feasibility Study	31,667	63,333	0	95,000		Feasibility study to address the consolidation of water and sewer improvements south of the City of Ketchikan; review of policies, ordinances and rates charged for water and sewer service; completed 5/00	C
		1999	Shoup St Service Area Piped Water/ Sewer	590,000	590,000	0	1,180,000		Design and construct piped water and sewer for Chacon St., Hugli Ave. and Shoup Street	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status		
Kiana		2000	Shoup Street Water/Sewer Improvements	621,667	1,243,333	0	1,865,000		Design and construct piped water and sewer for South Tongass Highway, Forss Ave., Crest Ave., Surf St. and Tide St.	C		
		2001	Shoup St Service Area Water/Sewer Improvements	500,000	1,800,000	0	2,400,000		Design and construct lift station and sewer force main along South Tongass Highway from the Shoup Street Service Area to the Mt. Point wastewater treatment plant			
		2002	Shoup Street Water and Sewer, Tongass Water	475,000	1,425,000	0	1,900,000		Design 10,400' water transmission main and construct portion from Shoup Street through the City of Saxman			
				\$11,594,334	\$7,241,666	\$0	\$18,836,000	\$18,835				
		388	1990	Water and Sewer Improvements	156,877	0	0	156,877		Construct 280 ft. water main extension and service lines to serve new HUD subdivision	C	
			1991	Water and Sewer	0	0	2,361,726	2,361,726		Construct lagoon, force main and lift stations.	C	
			1993	Water/Sewer Installation and Sewage	230,000	0	0	230,000		Install septic tanks to replace sewage treatment plant; construct lift station, force main and effluent disposal ponds; construct sewer service connections for 12 houses	C	
			1999	Water and Sewer	0	0	100,000	100,000		Water and sewer service lines to 2 homes and WTP improvements		
			1999	Water and Sewer Master Plan	37,500	37,500	0	75,000		Prepare engineering master plan for expansion of water and sewer service to areas not served	C	
			2000	Water and Sewer	0	0	60,000	60,000		2 individual water service lines, 2 individual sewer service lines		
			2000	Water Treatment Plant Replacement	400,000	1,200,000	0	1,600,000		Design and construct new water treatment plant; additional funding provided by other sources		
			2002	Water and Sewer	0	0	319,250	319,250		Replace sewer main and water main. Install water/sewer service laterals to homes.		
	King Cove			2002	Sewer System	0	0	200,000	200,000	IHS Housing. Replace 1000' sewer main.		
			2003	Water and Sewer	0	0	212,000	212,000	IHS Housing. Upgrade wells and sewer main.			
			2003	Water Treatment Plant Study; Manganese Removal	18,800	56,200	0	75,000		Identify cost methods for manganese removal from water		
			2004	Wells, Wastewater Collection System and Service Line Upgrades	267,500	802,500	0	1,070,000		Upgrade wells, lift stations, sewer main and service lines.		
					\$1,110,677	\$2,096,200	\$3,252,976	\$6,459,853	\$16,649			
		792	1998	Water Project	0	0	505,000	505,000		Partial funding contribution for the construction of a 1 million-gallon welded steel water storage tank.	C	
			1999	Water source project, Delta Creek, PH I	0	0	1,375,000	1,375,000		USDA-Direct		
			2002	Water Treatment	0	0	475,000	475,000		Provide new water treatment package plant.		
					\$0	\$0	\$2,355,000	\$2,355,000	\$2,973			
Kipnuk			644	1991	Sewer Phase II	250,000	0	0	250,000		Provide honey bucket haul system for the community, including the construction of a sewage disposal lagoon, boardwalk to provide access and storage garage for haul equipment	C
				1993	Washeteria	800,000	0	0	800,000		Construct washeteria and sewage lagoon for the community	C
				1993	Washeteria	0	0	562,800	562,800		Construction of a washeteria and sewage lagoon serving the washeteria	C
				1994	Water Source Construction	800,000	0	0	800,000		Develop new water source for the community that consists of a snow impoundment	C
			1995	Water and Solid waste	0	0	900,000	900,000		Design and construct an earthen reservoir, provide 2 haul trailers		
			1996	Water Facilities	0	0	850,000	850,000		USDA-Direct		
			1997	Wastewater	0	0	1,834,211	1,834,211		Design and construction of wastewater collection, treatment and disposal facilities	C	
		1998	Water Source Improvements	65,000	65,000	300,000	430,000		Water reservoir development study including preliminary design of reservoir outlet structure, raw water transmission main and facility permitting	C		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1998	Solid Waste	0	0	474,000	474,000		Construction of a solid waste site, replacement of 600' fence segment, reclamation of all project related sites, grading and seeding	C
		1998	Sanitation Facility Master Plan	75,000	75,000	0	150,000		Master plan to review the long term water, sewer and solid waste needs for the community	C
		1998	Water and Sewer	0	0	1,302,000	1,302,000		Community washeteria building, foundation, 200' sewage disposal line to new sewage lagoon	
		1999	Water	0	0	510,000	510,000		Construction of a 2500' water transmission line including an intake system from the recently completed earthen water reservoir to the existing WTP.	
		2000	School Utility Master Plan (LKSD)	26,233	52,467	0	78,700		Master plan to review the long term water, sewer and solid waste needs for the Kipnuk School	C
		2001	IHS Funds	0	0	1,004,000	1,004,000			
		2001	Washeteria /Sewage Disposal/Solid Waste Disposal Site	458,000	1,374,000	0	1,832,000		Design and construct water treatment plant building extension and upgrades, wastewater treatment plant, sewage lagoon discharge line and solid waste site improvements	
		2002	Water and Sewer	0	0	931,000	931,000		Purchase haul vehicles and containers and install WTP electrical and mechanical equipment.	
		2002	Boardwalks	0	0	115,920	115,920		Boardwalk design.	
		2003	Lagoon and Force Main	749,100	2,247,000	0	2,996,100		Design and construct lagoon and force main. Connect school and washeteria.	
		2003	Water and Sewer System Feasibility Study	0	0	1,562,000	1,562,000		IHS \$462,000, SDWA \$100,000, CWA \$1,000,000 AN03N44. Construct sewer and water force mains, raw water mains, access road and reservoir fencing.	
		2003	Water System	0	0	1,062,640	1,062,640		Install 3-phase powerline extension and control cable to reservoir and boardwalk to WTP.	
		2004	School Service and Lagoon Improvement	760,200	2,280,400	0	3,040,600		Design and construct water and sewer lines, close school lagoon and upgrade lagoon.	
				\$3,983,533	\$6,093,867	\$11,408,571	\$21,485,971	\$33,363		
Kivalina	377	1992	Sanitation Facilities Construction	0	0	1,380,000	1,380,000		Construct a central washeteria, install a 747,000-gallon WST, repair insulation on the existing WST, and install a 8,000-gallon bulk fuel tank.	C
		1993	Solid Waste and Lagoon site	0	0	325,000	325,000		Construct a solid waste disposal site and honey bucket/sludge disposal lagoon.	C
		1994	Water/Sewer System Construction	420,000	0	0	420,000		Install water treatment equipment and construct 692,000 gallon water storage tank and a bulk fuel storage facility; additional funding provided by other sources	C
		1997	Water Source Study	47,000	0	0	47,000		Conduct groundwater investigation and preliminary design work for a new water supply	C
		1999	Relocation Water and Sewer Study	110,500	110,500	100,000	321,000		Water well exploration including two test wells; geotechnical work for a waste disposal study. USDA-Direct	C
		2000	Water/Sewer/Solid Waste PH II	73,750	221,250	0	295,000		Purchase heavy equipment to maintain water, sewer and solid waste facilities in the community	
		2001	IHS-Reg/CWA-ISA	0	0	504,280	504,280			
		2002	Sanitation Master Plan	37,500	112,500	0	150,000		Study alternatives for water, sewer and solid waste for new location of community	
				\$688,750	\$444,250	\$2,309,280	\$3,442,280	\$9,131		
Klawock	854	1993	Sanitation Facilities Improvements	0	0	540,000	540,000		Upgrade wastewater disposal system, upgrade WTP, and install a pressure water filter	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1996	Sanitation Facilities Improvements	0	0	198,000	198,000		WTP instrumentation and monitoring equipment, remove filter sand and replace with anthracite filter media, replace damaged SS filter, WST construction plan/design with property easements. Downtown WST upgrades and level gauging equipment.	C
		1997	Water and Sewer	0	0	150,000	150,000		Construction of water and sewer mains and service lines	C
		1997	Water and Sewer	0	0	1,273,000	1,273,000		Off-site water and sewer mains to 20 homes, 750,000-gallon WST with piping between WTP and the water distribution system, WTP backwash flow control and supply improvements, improvements to the City dam, reservoir, and raw water pipeline systems.	C
		1998	Sewage Treatment Plant	0	0	1,200,000	1,200,000		Construction of a primary sewage treatment plant.	C
		1999	Plan	0	0	235,000	235,000		Produce completed construction plans and specs for a raw water intake structure on Three-Mile Creek, Water transmission piping from the intake to the existing city of Klawock WTP. Select water intake site location and to plan the routing for both water transmission pipeline and vehicle access to the site.	C
				\$0	\$0	\$3,596,000	\$3,596,000	\$4,211		
Klukwan	139	1984	Water and Sewer Upgrade	189,844	0	0	189,844		Construction of spring collection basin to increase water supply; installation of water flow savings devices in individual houses; purchase of septic pumper truck	C
		1992	Lagoon	194,500	0	0	194,500		Study to evaluate feasibility of using a sewage lagoon; construct 8" gravity sewer main, lift station, force main and primary cell sewage lagoon.	C
		1998	Water system upgrade study	42,500	42,500	0	85,000		Village is experiencing seasonal water shortages. Study water source, treatment, storage and distribution system options.	C
		2000	Water Project	0	0	266,000	266,000		Cover and repair 2 existing groundwater infiltration galleries, upgrade existing WTP to meet community needs, repair and repaint WST.	
				\$426,844	\$42,500	\$266,000	\$735,344	\$5,290		
Kluti Kaah (aka Copper Center)	362	2002	Sanitation Master Plan	37,500	112,500	0	150,000		Study future utility needs	
				\$37,500	\$112,500	\$0	\$150,000	\$414		
KNA Scattered		2003	Water and Sewer	\$0	\$0	\$76,000	\$76,000		IHS Housing. Service connections for 2 homes.	
				\$0	\$0	\$76,000	\$76,000			
Kobuk	109	1994	Utilities Master Plan	180,000	0	0	180,000		Conduct master plan for a circulating water system and a gravity-flow sewer system	C
		1995	Water and Sewer	0	0	1,965,000	1,965,000		Community sewage drain field, sewage haul system with discharge station and force main, water haul system.	C
		1997	Piped Water /Gravity Sewer	667,500	667,500	0	1,335,000		Design and construct water mains, sewer collection system, lift station and community drain field; install service connections for 25 houses, the school, health clinic and city building	C
		1999	Piped Water and Sewer PH II, III, IV	867,900	867,900	0	1,735,800		Design and construct water storage tank and water and sewer extension to serve 5 houses	C
		2000	Water/Sewer Installation	59,500	178,500	0	238,000		Drill well and install well pump and controls; additional funding provided by other sources	
		2000	Water and Wastewater	0	0	276,000	276,000		Individual water and sewer service to 3 homes, complete sewer lift station, improvements to WTP, and 3000' of circulating community water line.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$1,774,900	\$1,713,900	\$2,241,000	\$5,729,800	\$52,567		
Kokhanok	174	1987	Feasibility Study	4,924	0	0	4,924		Study to review the options for providing water and sewer improvements in the community; completed 3/87	C
		1990	Solid Waste Project	0	0	917,500	917,500		Construction of a new solid waste disposal site and access road.	C
		1992	Water and Sewer Improvements	100,000	0	3,674,536	3,774,536		Construct a community water system, WTP mechanical, water storage tank, water service lines, provide in-house plumbing and facilities, individual septic tanks with lift stations; 3 individual drain fields, force main, gravity collection main, sewage lagoon	C
		1992	Water and Sewer	100,000	0	0	100,000		Continue with exploratory well drilling and complete water source development	C
		1997	Sanitation Improvements	0	0	433,000	433,000		Water source upgrades, WTP modifications, filtration and backwash system improvements	C
					\$204,924	\$0	\$5,025,036	\$5,229,960	\$30,057	
Koliganek	182	1992	Water and Sewer	0	0	715,000	715,000		Provide water service lines to 7 homes and provide 11 individual wells. Provide service connections to 5 homes in the village and provide individual septic tank and leachfield facilities to 9 homes	C
		1993	Water	0	0	180,000	180,000		Retrofit the existing community water well.	C
		1998	Water/Sewer System Study/Upgrade	62,500	62,500	0	125,000		Plan and implement replacement of existing residential water service lines that are leaking	C
		2003	Sewer System	0	0	235,000	235,000		Construct a community wastewater pumper building and purchase a pumper truck.	
		2004	Water and Sewer System Feasibility Study	25,000	75,000	0	100,000		Develop long range plan for community sewer and water system.	
					\$87,500	\$137,500	\$1,130,000	\$1,355,000	\$7,445	
Kongiganak	359	1991	Water and Wastewater Improve, Phase I-A	825,000	0	0	825,000		Design and construct pilings for sewage pre-treatment building, gravity sewer line from the washeteria and a water supply line to the school	C
		1991	Sanitation Facilities Plan	0	0	350,000	350,000		Develop a utility master plan and improve wastewater disposal facilities	
		1991	Sewer System	0	0	350,000	350,000		Construct washeteria sewer outfall, honey bucket dump station, sewage treatment facility and sewage lagoon/tundra pond, purchase honey bucket equipment.	
		1993	Water and Wastewater Improve, Phase I-B	500,000	0	0	500,000		Construct pre-treatment building, sewage outfall line and sewage lagoon improvements	C
		1994	Honey bucket Haul Access	0	0	192,000	192,000		Construction of a boardwalk out to the new housing site for improved honey bucket haul vehicle access.	C
		1999	Water and wastewater improvements, Phase II-A	0	0	995,000	995,000		Design new washeteria and begin conversion of old washeteria to water treatment plant.	C
		1999	Sanitation Improvements	0	0	1,164,000	1,164,000		Expand existing tundra lake, construct launch ramp for raw water intake pump, replace filters and water treatment equipment, reline water tank. Improve wastewater facilities by expanding existing dosing siphon with grinder pump.	C
		2000	Washeteria Construction, Phase II-B	433,333	866,667	350,000	1,650,000		Design and construct new washeteria; old washeteria converted to water treatment plant	C
		2002	Completion of PH II Sewer	703,000	2,108,900	0	2,811,900		Design and construct new sewage lagoon including berms, cells and fencing	
		2003	Sanitation Facilities Improvements, PH II	91,300	273,700	0	365,000		Complete water treatment building, washeteria, and water source.	
	2004	Water Source Study	24,700	73,800	0	98,500		Evaluate snow fence configurations to increase water supply.		
				\$2,577,333	\$3,323,067	\$3,401,000	\$9,301,400	\$25,909		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Kotlik	591	1990	Honey bucket Haul System & Sewage Lagoon	200,000	0	0	200,000		Construct sewage lagoon and provide honey bucket haul system including boardwalks	C
		1992	Honey Bucket Clean up	50,000	0	0	50,000		Clean-up and close-out existing honey bucket bunkers	C
		1995	Water and Sewer Improvements	0	0	835,000	835,000		Upgrade WTP to meet SWTR. Improve the raw water collection and potable water storage. Complete minor improvements on the existing washeteria.	C
		1996	Sewer Improvements	0	0	1,372,811	1,372,811		Additional sewage lagoon cell, combination vacuum sewer plant and WTP, partial segment of the sewer vacuum collection system and force main.	C
		1997	Water and Sewer Improvements	0	0	720,000	720,000		Construction of a foundation system for utilidor loop one. Construction of a water and sewer utilidor loop one.	C
		1997	Piped Water and Sewer Phase II	614,700	751,300	0	1,366,000		Provide plumbing for 70 homes; construct boardwalk and culvert utilidor crossings	C
		1997	Water and Sewer Improvements	0	0	1,984,000	1,984,000		Construction of utilidor pilings and a water and sewer utilidor to serve 22 homes	C
		1998	Piped Water and Sewer Phase III	533,000	533,000	0	1,066,000		Construct Loop III of the water distribution and vacuum sewer collection systems	C
		1998	Water and Sewer Improvements	0	0	532,000	532,000		Construction of water and sewer utilidors to serve 73 homes	C
		1999	Piped Water and Sewer Phase IV	780,000	780,000	0	1,560,000		Construct water and sewer service lines and arctic boxes for 60 homes; construct raw water line and improvements to the existing water treatment plant; construct lift station and sewer force main to the new sewage lagoon; close-out old sewage lagoon	
		2001	Piped Water/Sewer/Solid Waste	349,000	1,047,000	0	1,396,000		Construct 212,000 gallon water storage tank; construct 19 water and sewer service laterals; purchase heavy equipment to maintain solid waste disposal facility.	
		2002	Sanitation Feasibility Study	50,000	150,000	0	200,000		Determine best option to serve 25 residences in satellite locations	
		2003	Waste and Sewer Expansion	0	0	279,250	279,250		USDA-Direct	
		2004	Water Source Study	24,700	73,800	0	98,500		Evaluate snow fence configurations to increase water supply.	
Kotzebue	3082	1990	Cold Weather 90	220,432	0	0	220,432	\$19,729	No Data Available	C
		1991	Cold Weather Emergency	681,279	0	0	681,279		Temporary repairs to portions of utilities that froze during the winter	C
		1991	Water System Repair	1,118,721	0	0	1,118,721		Continued permanent repairs and replacement of utilities that froze during the winter	C
		1992	Sewer Upgrade	20,404	0	0	20,404		Upgrade sewer equipment	C
		1992	Water Upgrade	40,000	0	0	40,000		Upgrade water equipment	C
		1992	Sewer Main Rehab	809,596	0	0	809,596		Sewer lift station upgrades and replacement	C
		1992	Water Treatment Plant	0	0	1,770,000	1,770,000		USDA-Direct	
		1993	Water and Sewer Improvements	0	0	300,000	300,000		Rehab of Fortac Lake intake building tank and replacement of 3 sewage lift stations	C
		1993	Water and Sewer	0	0	288,000	288,000		Installation of water and sewer service lines to 9 homes	C
		1993	Sewage Collection System	1,293,000	0	0	1,293,000		Installed new water and sewer mains	C
		1993	Solid Waste Study	148,948	0	0	148,948		Completed solid waste master plan including alternatives for improvements	C
		1994	Solid Waste Final Design/Construction	1,650,000	0	0	1,650,000		Designed and constructed new landfill including metal building and baler facility	C
		1994	Water and Sewer Improvements	0	0	863,000	863,000		Repair of existing water and sewer mains, splitting an existing water circulation loop	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1994	Water and Sewer Improvements	0	0	621,000	621,000		Install water and sewer services to 20 homes	C
		1995	Collection/Distribution Facility Upgrade	795,000	795,000		1,590,200		Replace shattered PVC sewer mains and leaking PVC water mains; completed in 1997	C
		1995	Sewage Lift Station Upgrade	0	0	1,293,000	1,293,000		USDA-Direct	
		1996	Sewer System	720,000	880,000	0	1,600,000		Rehabilitate 125 manholes and replace sewer mains; completed 2000	C
		1996	USDA-Direct	0	0	795,000	795,000		USDA-Direct	
		1997	Water Plant Improvements	280,000	280,000	0	560,000		Install water treatment plant equipment and water intake structure improvements	C
		1997	ANTHC	0	0	200,000	200,000		No reference to detail of scope for this project.	C
		1997	Sewage Lagoon Study	89,797	0	0	289,797		Study to determine whether the sewage lagoon has sufficient capacity	C
		1998	Dump Closure/Baler/Balefill/Loan Repay	947,911	950,000	0	1,897,911		Close unpermitted landfill, construct metal building, install baler equipment, 3-acre balefill cell, haz-mat storage, repay \$400,000 Clean Water Fund Loan; completed in 1998	
		1998	Water Improvement Study	42,500	42,500	0	85,000		Evaluate options outlined in engineer's preliminary assessment study, including treatment, water storage tank, capacity improvements and water source evaluation. Completed in 2000	C
		1998	Balefill Project	0	0	875,000	875,000		USDA-Direct	
		1999	Waterline Improvements	800,000	800,000	0	1,600,000		Replace four water mains with HDPE pipe	C
		1999	Water and Sewer Improvements	0	0	100,000	100,000		The design and construction of 3 individual water and sewer connections to individual homes	C
		2000	Water and Sewer Improvements	0	0	125,000	125,000		Install water and sewer services to 3 homes	
		2002	Lift station upgrade, PH III	180,500	541,500	0	722,000		Replace two lift stations and hydro-flush truck	C
		2003	Uptown Final Loop Design/Hillside Water/Sewer Study	25,000	75,000	0	100,000		Finalize plans and design for replacement of City's uptown water loop	
		2003	Water and Sewer Improvements	0	0	150,000	150,000		IHS Housing. Service connections for 3 homes.	
		2003	Sewage Lagoon Expansion and Improvements	390,500	1,171,500	0	1,562,000		Construct liquid storage cell and honey bucket disposal station. Expand existing dike.	
				\$10,253,588	\$5,535,500	\$7,380,000	\$23,169,088	\$7,518		
Kotzebue Scattered		2002	Water and Sewer	\$0	\$0	\$125,000	\$125,000		IHS Housing. Water and sewer service lines.	
				\$0	\$0	\$125,000	\$125,000			
Koyuk	297	1991	Sanitation Facilities Construction	0	0	3,284,000	3,284,000		Develop a new community water source, construct a water distribution system and sewage collection system with wastewater treatment and disposal facility	C
		1992	Piped Water and Sewer, PH III	0	0	476,000	476,000		Extend E. Loop water distribution and sewer collection to 8 homes	C
		1992	Piped Water/Sewer	1,200,000	0	0	1,200,000		Design and construct circulating water distribution system for the west loop; construct sewer collection system; install water and sewer service connections and plumb 36 houses	C
		1993	Solid Waste Disposal Facility	0	0	810,000	810,000		Extend community water and sewer service to 17 homes located on the east side of Koyuk. Develop a new community solid waste disposal site with access road.	C
		1993	Solid Waste Disposal Facility	400,000	0	0	400,000		Design and construct new solid waste disposal facility, fencing and 700 ft. long access road	C
		1993	Water and Sewer Systems	0	0	550,000	550,000		USDA-Direct	
		1994	Sanitation Facilities Construction PH III	600,000	0	0	600,000		Extend water distribution and sewer collection systems on the east loop to serve 8 houses	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Koyukuk		1997	Piped Water and Sewer, PH II	0	0	800,000	800,000		Geophysical testing, construction of an additional water source, and installation of an interim water supply.	C	
		1998	Water and Sewer	0	0	500,000	500,000		The completion of the installation of piped water and sewer to the east service area, drilling and development of a new well water source, the re-routing of the existing well transmission line and relocation of a well house to new site. Water and Sewer service connections to the Tribal Office building, public safety building and the clinic. New fuel supply line to the washeteria	C	
		1998	Water/Sewer	375,000	375,000	0	750,000		Drill well and realign water transmission main; install additional water and sewer service lines	C	
				\$2,575,000	\$375,000	\$6,420,000	\$9,370,000	\$31,549			
		101	1987	Safe Water Building Improvements	81,299	0	0	81,299		Repaired existing washeteria including floor, roof, electrical wiring and plumbing replacement	C
			1994	Landfill Construction	130,000	0	0	130,000		Close existing dump and construct a new, permitted landfill	C
			1994	Community Planning	0	0	60,000	60,000		Sanitation Facilities planning	
			1998	Solid Waste	90,000	90,000	86,280	266,280		Finish landfill and access road	C
			1998	Water/Sewer Haul	0	0	393,789	393,789		Water and sewer haul system to serve 11 homes	
			1999	Solid waste	0	0	100,000	100,000		Finish landfill and access road	C
Kwethluk		2002	Sanitation Master Plan	37,500	112,500	0	150,000		Conduct sanitation facility master plan for future water and sewer improvements.		
				\$338,799	\$202,500	\$640,069	\$1,181,368	\$11,697			
		713	1987	Water and Waste Disposal Study	9,880	0	0	9,880		Feasibility study to evaluate water supply and honey bucket disposal alternatives; completed 6/90	C
			1992	Water and Sewer Improvements	0	0	910,500	910,500		Partial repairs for washeteria and WTP, expand honey bucket haul system w/percolation cell, expand the solid waste disposal site and connect the clinic to sewer and water system	C
			1995	Solid Waste Improvements	0	0	570,000	570,000		Repairs/rehabilitation and access road improvements to the solid waste and honey bucket lagoon which serves 145 homes	C
			1996	Sanitation Facility Master Plan	175,000	0	0	175,000		Master plan to evaluate alternatives for a piped water and sewer system for the community	C
			1999	Water and Sewer	0	0	2,082,600	2,082,600		Drill 2 wells and construct water treatment plant, vacuum sewage plant and water feed utilidor.	
			1999	Housing Water System Improvement Study	21,000	21,000	0	42,000		Study to evaluate water treatment and distribution to the LKSD teacher housing at Kwethluk	
			2001	Community Water and Sewer	706,250	2,118,750	0	2,825,000		Construct water treatment plant, water storage tank and sewer force main to the sewage lagoon	
			2001	Sewer System	0	0	1,455,000	1,455,000		Construct a lagoon and a 2,500' force main.	
Kwigillingok		2001	Water and Sewer	727,500	2,182,500	0	2,910,000		Construct East Loop sewer and water mains.		
			2003	Water and Sewer	0	0	1,690,080	1,690,080		IHS AN03N34. Construct sewer and water mains, service lines and plumbing in 40 homes. Improve fencing and drainage control at lagoon.	
			2003	Water System	0	0	1,591,759	1,591,759		Install WTP circulation/heat equipment and water transmission lines.	
			2004	Water and Sewer System	732,200	2,196,300	0	2,928,500		Construct West Loop Utilidor and service lines and house plumbing for 22 homes on East Loop.	
				\$2,371,830	\$6,518,550	\$8,299,939	\$17,190,319	\$24,110			
		338	1990	Water and Solid Waste Improvements	60,900	0	0	60,900		Construct summer water system and 6 watering points; install fencing at solid waste site	C
			1991	Washeteria Improvements	0	0	288,000	288,000		Renovate washeteria/WTP flooring	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1997	Flush Tank and Haul System	491,000	491,000	0	982,000		Install flush tank and haul systems and provide house plumbing for 74 homes	C
		1997	Community Flush and Hold System	0	0	1,758,262	1,758,262		Community flush and hold system; a sewage disposal lagoon, a vehicle maintenance garage, WTP modifications, and solid waste site closure	C
		1998	Water Treatment Plant Improvements	0	0	510,000	510,000		WTP foundation extension and sewage bunker closure	C
		1998	Water Reservoir	0	0	1,040,000	1,040,000		Construct water reservoir	C
		1999	Water and Solid Waste Improvements	0	0	1,550,000	1,550,000		Construction of an earthen water reservoir with liner, construct and develop a new solid waste disposal site.	C
		2000	Water and Sewer	0	0	1,720,000	1,720,000		Construct boardwalk, bridge, pump house, and supply line, lagoon access road.	
		2002	Water and Sewer improvements	647,500	1,942,500	0	2,590,000		Construct water line from reservoir to water treatment plant, carry out water treatment plant pilot study, construct water treatment plant, and add dike to lagoon	
		2002	Sewer System	0	0	225,000	225,000		Close sewage lagoon.	
		2002	Boardwalk	0	0	3,000,000	3,000,000		Install boardwalk.	
		2003	Piped Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Study water and sewer options	
		2003	Sanitation Facilities	283,800	851,200	0	1,135,000		Provide flush/haul system for 20 homes, and access road to proposed landfill.	
		2003	Water and Sewer	0	0	1,553,310	1,553,310		Purchase haul vehicles, install sewage discharge line and in-home plumbing. Build access road and upgrade washeteria.	
				\$1,508,200	\$3,359,700	\$11,644,572	\$16,512,472	\$48,853		
Lake Minchumina	32	2001	Water/Sanitation Feasibility Study	22,500	67,500	0	90,000		Study the feasibility of installing water and sewer at private homes at Lake Minchumina	C
				\$22,500	\$67,500	\$0	\$90,000			
Larsen Bay	115	1991	Water Improvements	0	0	353,000	353,000		Install 3400' of water main and appurtenances	C
		1996	Study	0	0	50,000	50,000		Water system pre-design study to serve 76 homes	C
		1998	Water Source Development	0	0	130,000	130,000		Development of a potential ground water source to serve 74 homes.	
		2000	Sanitation Facilities Construction	0	0	350,000	350,000		Design and construct a new 286,000-gallon water storage tank and 2000' of piping to connect the new tank to the existing WTP and existing distribution system.	
		2001	Water Storage Tank Replacement	37,500	112,500	0	150,000		Construction of new water storage tank to replace water tank damaged by earthquake	C
				\$37,500	\$112,500	\$883,000	\$1,033,000	\$8,983		
Lime Village	46	1987	Safe Water Facility	250,000	0	0	250,000		Drill a community well and design, construct and equip a watering point in the community	C
		1994	Water System	0	0	370,000	370,000		Construct a community watering point and well.	C
		1998	Sewer System Repair	11,000	11,000	0	22,000		Install new septic tank and leachfield for teacher's quarters at school	C
		2002	Sanitation Master Plan	15,000	45,000	0	60,000		Study existing landfill with respect to runoff, location, and improvements. Study location of present washeteria	
		2004	Washeteria Construction	218,800	656,200	0	875,000		Construct washeteria.	
				\$494,800	\$712,200	\$370,000	\$1,577,000	\$34,283		
Lowell Point	92	2000	Water and Wastewater Study & Pre-Design	25,000	50,000	0	75,000		Feasibility study to investigate water and sewer alternatives for the community; completed 9/00	C
				\$25,000	\$50,000	\$0	\$75,000	\$815		
Lower Kalskag	267	2000	Water/Sewer System Plan & Evaluation	50,000	100,000	0	150,000		Study to determine the feasibility of extending water and sewer service to 20 homes	

Community	Pct.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
				\$50,000	\$100,000	\$0	\$150,000	\$562		
Maniilaq		1999	Water and Sewer	0	0	150,000	150,000		Construction of individual water and sewer service lines to serve 4 homes	
		2002	Service Lines	0	0	200,000	200,000		Install water and sewer service lines.	
		2003	Water and Sewer	0	0	160,000	160,000		IHS Housing. Service connections for 4 homes.	
Maniilaq Scattered				\$0	\$0	\$510,000	\$510,000			
		2000	Water and Sewer	\$0	\$0	\$150,000	\$150,000		IHS Housing. Water and sewer service lines.	
		2001	Water and Sewer	\$0	\$0	\$200,000	\$200,000		IHS Housing. Water and sewer service lines.	
		2002	Water and Sewer	\$0	\$0	\$1,162,500	\$1,162,500		IHS Housing. Water and sewer service lines.	
				\$0	\$0	\$1,512,500	\$1,512,500			
Manley	72	1985	Landfill Improvements	150,000	0	0	150,000		Develop new solid waste site including fencing and a 2,600 ft. access road; close old waste site	C
		1994	Washeteria/Water Study	35,000	0	0	35,000		Conduct study to evaluate the feasibility of a washeteria, including water supply evaluation, exploratory well drilling, soils investigation, site selection and survey; completed 2/95	C
				\$185,000	\$0	\$0	\$185,000	\$2,569		
Manokotak	399	1989	Landfill	50,000	0	0	50,000		Perform soil investigation at proposed solid waste site; clean-up existing solid waste site	C
		1994	Facilities Construction	0	0	332,000	332,000		Construction of a new WST, rehabilitation of an existing community water well upgrading the water storage access and provision of a hydro-geologic study which serves 82 homes	C
		1996	Water Supply	0	0	350,000	350,000		New community water well and transmission line to serve 82 homes	C
		1997	Water and Sewer	0	0	245,000	245,000		Water and sewer services to serve 7 new homes and water system upgrades to 7 homes	C
		1998	Project completion	0	0	250,000	250,000		Complete construction of sanitation facilities	C
		2001	Water and Sewer for Subdivision	0	0	451,640	451,640		USDA-Direct	
		2002	Water, Sewer, Solid Waste Feasibility Study	30,000	90,000	0	120,000		and transfer options, and establish cost for water and sewer to other homes.	
		2003	Piped Water and Sewer	0	0	147,480	147,480		USDA-Direct; piped water and sewer to 3 lots.	
				\$80,000	\$90,000	\$1,776,120	\$1,946,120	\$4,877		
Marshall	349	1989	Safe Water	64,300	0	0	64,300		Construct 212,000 gallon water storage tank; augmented funding from other sources.	C
		1991	Water and Sewer	0	0	1,283,000	1,283,000		Extend community circulating water system and gravity sewer system to connect 16 new AVCP/HUD homes and renovate WTP	C
		1991	Water and Sewer Improvements	0	0	350,000	350,000		Make repairs to water transmission line and improvements to WTP	C
		1992	New Water Source	431,000	0	0	431,000		Replaced wells due to contamination from fuel spill	C
		1994	Solid Waste Site Relocation	430,000	0	206,106	636,106		Constructed landfill	C
		1994	Water and Sewer	0	0	25,000	25,000		Community water and sewer services to serve 3 homes	C
		1995	Solid Waste Site	0	0	150,000	150,000		USDA-Direct	
		1996	Facility Improvements	0	0	535,000	535,000		Renovation of existing sewage lift station. Solid waste collection equipment and O&M support for these facilities which serve 83 homes	C
		1997	Equipment for Water/Sewer Project	37,500	37,500	0	75,000		Purchased dozer for Landfill	C
		1998	Heavy Equipment for Landfill	60,000	60,000	0	120,000		Purchase garbage truck for hauling solid waste	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1999	Piped Water and Sewer Extension	550,000	550,000	0	1,100,000		Replaced portions of failing water and sewer sys; problems include corrosion at the pump house due to aggressive water and electrolysis; problems with the water & sewer sys include substandard service connections & arctic boxes installed by others	C
		2001	Water/Sewer Improvements	250,000	750,000	0	1,000,000		Replace portions of failing water & sewer system	
		2002	Service Connections	0	0	814,000	814,000		Install 22 water and sewer service lines.	
		2003	USDA-Direct	0	0	1,807,596	1,807,596		USDA-Direct	
		2003	Water and Sewer	0	0	1,200,000	1,200,000		Install home plumbing and water mains. Modify water treatment plant.	
		2003	Water and Sewer	362,500	1,087,500	0	1,450,000		Construct pump house improvements. Upgrade service lines and plumbing. Design pump house and sewer and water line improvements. Purchase equipment.	C
		2004	Water and Sewer Improvements	585,000	1,755,000	0	2,340,000		Replace service lines and water and sewer mains, upgrade water treatment plant and install well.	
				\$2,770,300	\$4,240,000	\$6,370,702	\$13,381,002	\$38,341		
McGrath	401	1993	Waste Disposal Improvements	600,000	650,000	100,000	1,350,000		Construct solid waste landfill including equipment maintenance shop; purchase equipment	C
		2000	Water/Sewer Master Plan	64,167	128,333	0	192,500		Master plan to investigate upgrading the water treatment plant and expanding the system	
		2000	Sanitation Improvements	0	0	60,000	60,000		Modification of sand filters, clarifier and water storage tank main line	C
				\$664,167	\$778,333	\$160,000	\$1,602,500	\$3,996		
Mekoryuk	210	1983	Sewage Study	40,000	0	0	40,000		Study sewage haul system development alternatives; construct prototype for city office	C
		1988	Water/Wastewater Disposal Improvements	300,000	0	0	300,000		Construct 1,000 ft. pile-supported sewer main from washeteria to sewage lagoon	C
		1993	Sewage Haul Project	170,000	0	0	170,000		Build 4 household demonstration units of an innovative haul system	C
		1995	Water/Sewer System Construction	659,500	659,500	982,086	2,301,086		Construct treated water storage tank, repair existing 8-inch Arctic insulated pile-supported sewer pipeline from washeteria to lagoon; rehabilitated 5 existing demonstration haul units	C
		1995	USDA-Direct	0	0	300,000	300,000		USDA-Direct	
		1998	Water/Sewer Phase IV	750,000	750,000	0	1,500,000		Install 40 flush haul systems, construct haul vehicle garage, improve water supply facilities	C
		1999	Flush tank and haul system	0	0	350,000	350,000		Continue to install flush haul units in 15 houses.	
		1999	Flush Tank and Haul PH IV, Step II A	547,700	547,700	0	1,095,400		Build new sewage lagoon and install 15 innovative haul systems	C
		1999	Solid Waste Study	0	0	480,000	480,000		Solid waste study and design for new landfill	
		2002	Force main/Pump station, PH II-B	723,800	2,171,200	0	2,895,000		Design and construct 5,100' force main and two pump stations to hookup washeteria and school to lagoon.	
		2003	Water Distribution Infrastructure/Source Improvements	375,000	1,125,000	0	1,500,000			
		2004	Flush and Haul Final Phase	104,000	312,000	0	416,000		Install haul systems in 8 homes.	
				\$3,670,000	\$5,565,400	\$2,112,086	\$11,347,486	\$54,036		
Mentasta Lake	142	1996	Water and Sewer Feasibility Study	14,611	0	0	14,611		Feasibility study to investigate water and sewer system alternatives for 21 homes and buildings; on-site well and septic systems were recommended; completed 8/97	C
		2004	Piped Sewage and Septic System	386,100	1,158,100	0	1,544,200		Design and construct piped sewer and community septic system.	
				\$14,611	\$0	\$0	\$14,611	\$103		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Metlakatla	1375	1993	WST and WTP Upgrades	0	0	999,999	999,999		Complete construction of a 500,000-gallon bolted steel water storage tank, install 800' of water line and complete water treatment system upgrades	C
		1994	Water and Sewer	0	0	700,000	700,000		Provide off-site water and sewer main extensions for a 400-unit HUD housing project. Upgrade existing community lift station and replace 908 meters of existing sewer main	C
		1996	Water/Sewer System Development	450,000	450,000	0	900,000		Replace sewer mains and trunk line along Atkinson Street and Western Avenue	C
		1997	Wastewater Sewer Upgrades	338,000	413,000	0	751,000		Upgrade lift station and install new sewer main to feed lift station	C
		1999	Development	0	0	1,238,930	1,238,930		USDA-Direct	
		1999	Sewer System	0	0	560,000	560,000		Construct ocean outfall and extend existing sewer force main to the new ocean outfall.	
		2000	Sewer System Upgrades	343,750	1,031,250	1,238,930	2,613,930		Construct new aerated sewage lagoon further from the community; install new ocean outfall; USDA-Direct	C
		2001	Tait/Atkinson/Fawcett St Sewer Repair	485,000	1,455,000	0	1,940,000		Repair or replace existing sewer mains, manholes and service connections on Tait, Atkinson and Fawcett Streets; construct storm drain system in selected areas to eliminate infiltration	
		2002	Sanitation Improvement Study	43,800	131,200	0	175,000		Review water source treatment, storage, distribution and sewage collection, treatment and disposal, for Annette Island.	
		2003	Sewage treatment	0	0	745,000	745,000		CWA AN03N40. Construct sludge stabilization pond and access road, purchase pumper truck.	
Minto				\$1,660,550	\$3,480,450	\$5,482,859	\$10,623,859	\$7,726		
	258	1991	Water Source/Well Construction	250,000	0	0	250,000		Construct new well with connection to water treatment plant	C
		1997	Water/Sewer Feasibility Study	55,000	0	0	55,000		Evaluate alternative water and sewer improvements for reliability and future capacity needs; completed 7/98	C
		1999	Water and Sewer	0	0	245,000	245,000		Construct individual water and sewer service to 13 homes	
		2000	Sanitation Facilities Master Plan Survey	33,333	66,667	0	100,000			
		2001	Landfill/Water Quality Protection Study/Design	18,750	56,250	0	75,000		Landfill relocation study and preliminary design	
		2002	Water and Sewer improvements	196,300	588,700	0	785,000		Complete Phase I. Repairs to main well, water treatment plan, water distribution system, and sewer system	
		2002	Water System	0	0	739,000	739,000		Improve transmission line/well house. Design improvements to existing water source and water treatment plant building.	
		2003	Solid Waste	0	0	95,100	95,100		IHS AN03N58. Close landfill and develop solid waste management plan.	
				\$553,383	\$711,617	\$1,079,100	\$2,344,100	\$9,086		
Mountain Village	755	1989	Water and Sewer	0	0	250,000	250,000		Construct a new pump house and renovate the community well	C
		1993	Solid Waste Project	61,700	0	0	61,700		Rehabilitate dumpsite; obtain site control; develop solid waste management plan	C
		1994	Water and Sewer Improvements	551,000	0	0	551,000		Construct water and sewer lines along Spring Water Road, including service connections and full house plumbing for 16 homes	C
		1996	Water and Sewer Improvements, PH II	738,500	738,500	0	1,477,000		including 1 lift station, 24 service connections and full house plumbing for 16 homes	C
		1997	Water/Sewer Improvements PH III	506,000	506,000	0	1,012,000		Construct water and sewer lines in mid-town, including new or replacement service connections and full house plumbing for 23 homes	C
		1999	Direct Grant from USDA	0	0	551,000	551,000		Federal RD money direct to community	
		2001	Wastewater Disposal Study and Pre-Design	40,000	120,000	0	160,000		Feasibility study to repair or replace the wastewater plant; review options for sludge disposal	
	2003	Water and Sewer Upgrades	0	0	1,237,698	1,237,698		SDWA \$752,698 CWA \$485,000 AN03N46. Construct sewer and water force mains, 2 wells and temporary sewage treatment.		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Nanwalek		2004	Wastewater Lagoon and Pump house	698,100	2,094,300	0	2,792,400		Construct access road and lagoon, refurbish water system pump houses.	
				\$2,595,300	\$3,458,800	\$2,038,698	\$8,092,798	\$10,719		
	177	1994	Water and Sewer	0	0	102,000	102,000		Connect 3 homes to the community water and sewer system	C
		2000	Water Source Development, Treatment & Distribution System Upgrade	249,250	747,750	0	997,000		New water source, reservoir, treatment system, storage tank at higher elevation to increase pressure for newly-constructed homes	
		2000	Water and Sewer Improvements	0	0	249,750	249,750		WTP improvements, elevate water storage tank	
		2000	Water and Sewer Improvements	0	0	140,000	140,000		Connect 1 home to the community water and sewer; upgrade owner-installed water and sewer service connections for 2 homes, partial funding for construction plans and specs to re-locate the community raw water intake	
Napakiak		2000	Water Improvements	0	0	427,000	427,000		Construction of a stream-based surface water intake structure and buried transmission piping, the construction of a bolted steel water storage tank and buried piping, construction of an addition to the existing community WTP to house expanded and upgraded water filtration and treatment equipment which serves 51 homes	
		2003	Wastewater Discharge Permit Dilution Analysis/Design	25,000	75,000	0	100,000		Evaluate wastewater treatment	
				\$274,250	\$822,750	\$918,750	\$2,015,750	\$11,388		
	353	1985	Washeteria Rehabilitation	7,000	0	0	7,000		Emergency repairs to the laundry facility	C
		1987	Waste Disposal Study	10,000	0	0	10,000		Study to evaluate solid waste disposal alternatives; completed 1/90	C
		1988	Water and Sewer	0	0	537,000	537,000		Extend existing honey bucket haul system to serve 25 HUD homes, construct a WTP with an all-weather watering point, a new well, and a summer water distribution line for the HUD subdivision	C
		1993	Haul System	0	0	920,000	920,000		Design and construct a flush tank and haul system, including community sewage lagoon and access road, equipment garage and residential water and sewage plumbing	C
		1993	Full Demo Flush Tank Haul	170,000	0	0	170,000		Install haul units in 4 houses as a demonstration project	C
		1995	Flush Tank/Haul Wastewater Design/Construction	270,000	270,000	560,000	1,100,000		Complete master plan, install haul units in 35 additional houses; completed 4/95	C
		1998	Flush Tank and Haul System Completion	425,000	425,000	0	850,000		Install haul units in 16 additional houses; refurbished washeteria mechanical room	C
		1999	Flush tank and haul completion	0	0	170,000	170,000		Finish installation of haul units	C
		2000	Citywide Flush Tank & Haul/Washeteria Renovation	416,367	832,733	0	1,249,100		Install haul units in 20 additional houses; finish renovating washeteria	C
		2001	Access Improvements/Tank & Haul Units	129,400	388,198	0	517,598		Construct access improvements for haul units and at the washeteria	
	Napaskiak		2002	Flush Tank and Haul final phase, Landfill relocation	296,700	889,900	0	1,186,600		Install FTH units in 11 homes. Retrofit in 22 homes, that were moved. Relocate solid waste facility.
		2004	Flush Tank and Haul System Completion	190,200	570,300	0	760,500		Improve home access, revitalize well and water treatment plant, purchase haul vehicles, equipment and computer software. Carry out training.	
				\$1,914,667	\$3,376,131	\$2,187,000	\$7,477,798	\$21,184		
390		1993	Water Well System	289,362	0	0	289,362		Drill well and install filtration equipment in water treatment plant; construct watering point	C
		2000	Sanitation Facilities Improvements PH I	333,333	666,667	0	1,000,000		Conduct master plan; install innovative haul units in 6 houses as a demonstration project; Master plan completed 10/01	
		2001	Water and Sewer	0	0	1,872,800	1,872,800		Upgrade WTP and garage. Construct water storage tanks, lagoon and boardwalks.	
		2001	Sanitation Boardwalk Rehabilitation	0	0	83,040	83,040		Sanitation boardwalk rehab; RSA from DOTPF	
	2002	Sanitation Boardwalk Rehabilitation	0	0	77,100	77,100		Sanitation boardwalk rehab; RSA from DOTPF		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2002	Sanitation improvement project, PH II	317,500	952,500	0	1,270,000		Install FTH units in 30 additional homes	
		2002	Water and Sewer	0	0	1,425,000	1,425,000		Install water and sewer systems in homes.	
		2003	Water and Sewer	0	0	1,255,828	1,255,828		Boardwalks and close sewage lagoon.	
		2003	Sanitation Improvements, PH IV	366,700	1,099,800	0	1,466,500		Construct garage, improve boardwalks and laundromat.	
		2003	Sanitation Boardwalk Rehabilitation	0	0	1,058,300	1,058,300		Sanitation boardwalk rehab; RSA from DOTPF	
				\$1,306,895	\$2,718,967	\$5,772,068	\$9,797,930	\$25,123		
Naukati	135	2000	Water/Sewer Study	16,667	33,333	0	50,000		Feasibility study to address water source, water treatment and sewage disposal alternatives	C
				\$16,667	\$33,333	\$0	\$50,000	\$370		
Nelson Lagoon	83	1985	Water Transmission Main Burial	194,153	0	0	194,153		Bury existing 10-mile raw water transmission main	C
		2001	Water System Improvement Plan	25,000	75,000	0	100,000		Improvement plan to address upgrades to the existing water treatment and distribution system	C
		2003	Water Treatment Plant	0	0	506,360	506,360		SDWA AN03N45. Construct water treatment plant.	
				\$219,153	\$75,000	\$506,360	\$294,153	\$3,544		
Nenana	402	2002	Water and Sewer	0	0	552,500	552,500		Install water and sewer main and service connections.	
				\$0	\$0	\$552,500	\$552,500	\$1,374		
New Stuyahok	471	1989	Access Road to Solid Waste Site	50,000	0	0	50,000		Construct gravel access road to solid waste disposal site	C
		1991	Water and Sewer Improvements	0	0	789,000	789,000		Construct a solid waste disposal site, access road and stream crossing. Extend sewer and water mains, within the town site. Build a percolation lagoon and connect 19 homes to community water and wastewater services.	C
		1992	Water, Sewer and Solid Waste Project	477,000	0	0	477,000		Construct water and sewer service connections for 10 homes, water and sewer main extension on Spruce Ave., sewage lagoon improvements, and solid waste site improvements	C
		1996	Water and Sewer Improvements	0	0	356,000	356,000		Connection of 2 homes to water and sewer services, drilling a community well, construct well head protection for 2 existing wells, constructing a fuel/oil day tank cover structure, repair of the WST foundation and fencing for the WST, improvements to the percolation lagoon system and provision of landfill dumpsters.	C
		1998	Water Quality Study	10,000	10,000	0	20,000		Water quality study of the community water system to determine levels of lead in the water	C
		2001	EPA-CWA	0	0	473,800	473,800			
		2002	Percolation lagoon, Sewer main	123,300	369,700	0	493,000		Construct auxiliary percolation lagoon and install 280' sewer main	
		2003	Utility Master Plan	18,800	56,200	0	75,000		Review and evaluate water and sewer needs	
				\$679,100	\$435,900	\$1,618,800	\$2,733,800	\$5,804		
Newhalen	160	1987	Sewer System	400,000	0	0	400,000		Construct percolation lagoon and install plumbing, sewer mains and services to serve 4 homes	C
		1995	Water and Wastewater Facilities	0	0	571,000	571,000		Installation of on-site water and wastewater disposal facilities which serves 9 homes	C
		2004	Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Assess improvements to water and sewer system	
				\$425,000	\$75,000	\$571,000	\$1,071,000	\$6,694		
Newtok	321	1985	Feasibility Study	24,361	0	0	24,361		Sanitation facilities master plan completed 11/94	C
		1996	Flush Haul Feasibility Study	125,000	0	0	125,000		Feasibility study on haul options completed 7/98; innovative haul system installed in clinic	C
		2000	Sanitation Facilities Plan/Demo Project	91,667	183,333	0	275,000		Sanitation master plan for water & sewer; demonstration project for flush tank & haul in 3 houses	
		2002	Sanitation Master Plan	43,800	131,200	0	175,000		Develop landfill plan for new village location	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Nightmute		2002	Water and Sewer	0	0	1,197,000	1,197,000		Water storage tank and renovate water treatment plant and connect waste heat.	
				\$284,328	\$314,533	\$1,197,000	\$1,796,361	\$5,596		
	208	1995	Sewage Lagoon	0	0	474,000	474,000		Convert a tundra pond for service as a sewage lagoon, provide fencing and an access road	C
		1996	Wastewater	0	475,000	0	475,000		New water source, watering point, 10 flush haul houses to be added. VSW-ISA	C
		1998	School Lagoon Feasibility Study	32,000	32,000	0	64,000		Feasibility of re-routing school sewage to new City lagoon and closing school lagoon	
		1998	Water and Sewer Improvements	0	0	370,000	370,000		Community well, WTP structural improvements and equipment upgrades, water haul equipment, boardwalk improvements.	C
		1999	Flush Tank and Haul	500,000	500,000	0	1,000,000		First water and sewer service for homes in the community; 25 homes received service	C
		1999	Water and Sewer Improvements	0	0	100,000	100,000		Boardwalk and access improvements, sewer system tools and equipment	
		2003	Water and Sewer	0	0	125,000	125,000		IHS Housing. Flush and haul units for 4 homes.	
		2003	Study for Solid Waste Site and Washeteria	25,000	75,000	0	100,000		Study a new solid waste facility and washeteria	
Nikiski				\$557,000	\$1,082,000	\$1,069,000	\$2,708,000	\$13,019		
	4327	1992	McGahan Water System Decontamination	150,000	0	0	150,000		Study source of PCE contamination; construct new water treatment plant	C
Nikolaevsk				\$150,000	\$0	\$0	\$150,000	\$35		
	345	1989	Water and Sewer Feasibility Study	16,907	0	0	16,907		Feasibility study for supplying potable water and sewage treatment and disposal	C
		1990	Water and Sewer Study	28,995	0	0	28,995		Continuation of funding for study; completed 2/93	C
		1994	Community Water System	342,000	0	0	342,000		Acquired land for watershed site control of surface water catchment basins; preliminary design of water system	C
		1995	USDA-Direct	0	0	1,508,100	1,508,100		USDA-Direct	
		1995	Community Water System Design/Construction	1,200,000	1,200,000	468,000	2,868,000		Final design and construction of water collection, treatment and distribution system	C
		1999	School Connection and Project Completion	152,500	152,500	0	305,000		Design and construction of water supply line to the school; completion of water treatment plant garage building	C
		2001	Water System Project	425,000	1,275,000	0	1,700,000		Project to test, design and upgrade 51 on-lot septic systems in the community; environmental review process completed.	
		2003	Third Village Water/Sewer Feasibility Study	25,000	75,000	0	100,000		Establish scope and cost to provide service to Third Village.	
		2004	Water and Sewer Project	450,000	1,349,900	0	1,799,900		Connect Third Village to system and connect 12 homes. Complete water main loop, close sewage cribs and upgrade water treatment plant.	
Nikolai				\$2,640,402	\$4,052,400	\$1,976,100	\$8,668,902	\$25,127		
	100	1987	Water Study	6,845	0	0	6,845		Study to evaluate water and sewer alternatives	C
		1987	Sewer study	3,155	0	0	3,155		Study to evaluate water and sewer alternatives; completed 1/87	C
		1988	Sewer	99,292	0	0	99,292		Install individual septic systems	C
		1988	Sewer, PH I	150,000	0	0	150,000		Design a community sewage collection system, lift station, force main and sewage lagoon	C
		1988	Sewer System Investigation	2,000	0	0	2,000		Dig test holes to investigate feasibility of septic systems	C
		1989	Sewer, PH II	245,000	0	0	245,000		Install individual wells and water systems; construct individual septic systems	C
		1990	Water and Sewer	284,000	0	0	284,000		Construct sewage lagoon access road and individual septic systems	C
		1992	Water/Sewer Improvements	500,000	0	0	500,000		Construct sewage lagoon access road and individual septic systems	C
		1993	Water/Sewer Improvements	80,000	0	0	80,000		Complete construction of water and sewer project in Nikolai	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1994	Sewer System Construction	340,000	0	0	340,000		Sewer main extension to serve 10 new homes on the north side of the airport runway	C
		2000	Water and Sewer Improvements	0	0	126,350	126,350		Repair 5 individual wells and pressure systems, install 1 individual sewer service, repair 1 sewer service line, repair 1 individual septic system, rehabilitate interior plumbing on 7 homes, replace community laundry equipment, and purchase O&M equipment	
		2002	Master plan for Water/Sanitation and Sewer/Solid Waste	37,500	112,500	0	150,000		Develop 20 year plan for sewer, water and solid waste	
				\$1,747,792	\$112,500	\$126,350	\$1,986,642	\$19,866		
Nikolski	39	2004	Water Facilities Feasibility Study	25,000	75,000	0	100,000		Assess existing system for quality and quantity improvements.	
				\$25,000	\$75,000	\$0	\$100,000	\$2,564		
Ninilchik	772	1993	Wastewater	0	0	278,000	278,000		Installation of individual wells and on-site wastewater disposal which serves 11 homes	C
		1997	Town Site Water/Sewer Feasibility Study	50,610	0	0	50,610		Study to determine the feasibility of a piped water and sewer system for Ninilchik Town site	C
		1999	Water/Sewer Demonstration Project & Study	65,800	65,800	0	131,600		Demonstration project to determine the feasibility of individual sewage treatment units	C
		2000	Direct Grant from USDA	0	0	15,300	15,300		Federal RD money direct to community	
		2004	Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Assess capability and needs of existing sewer and water facility.	
				\$141,410	\$140,800	\$293,300	\$575,510	\$745		
Noatak	428	1989	Water and Sewer	60,000	0	0	60,000		Repair water and sewer service connections and purchase spare pumps	C
		1990	Water System	500,000	0	0	500,000		Construct Phase I and a portion of Phase II of a new water system for the community	C
		1990	Water and Sewer Repair	420,000	0	0	420,000		Construct new water treatment plant	C
		1990	Permanent Fix	1,356,000	0	0	1,356,000		Finish construction of new water and sewer system	C
		1990	Lagoon Study	280,000	0	0	280,000		Construct community septic tanks and seplage lagoon	C
		1996	Sanitary Landfill Improvements	370,000	0	290,455	660,455		Construct new solid waste disposal facility	C
		1999	Water System	0	0	115,000	115,000		Groundwater investigation and design for new wells, investigate waste heat alternatives	
		2002	Sanitation Master Plan Update	18,800	56,200	0	75,000		Update master plan	
		2003	Water Supply System	0	0	526,205	526,205		SDWA AN03N42. Upgrade well and drill 2 wells.	
		2003	Water Supply System	0	0	526,205	526,205		Drill new wells and extend existing well transmission line. Install well heads and gabion reinforced protective gravel and modify on-shore well transmission line and install additional heat tape and insulation.	
				\$3,004,800	\$56,200	\$1,457,865	\$4,518,865	\$10,558		
Nordalton	221	1997	Solid Waste Project	348,500	348,500	0	697,000		Planning, design and construction of a new landfill; evaluate incinerators to reduce solid waste	
		1999	Water and Sewer Engineering Study	31,400	31,400	0	62,800		Feasibility study to evaluate water and sewer improvements in the community	
		2004	Test Well, Pilot Testing, and Leak Survey	40,000	120,000	0	160,000		Drill test wells and determine quantity and quality of water. Carry out leak detection survey.	
				\$419,900	\$499,900	\$0	\$919,800	\$4,162		
Noorvik	634	1990	Water and Sewer	25,691	0	0	25,691		Completed sanitation facilities master plan; completed 1/92	C
		1990	Improvements/Study	0	0	172,000	172,000		Make improvements on existing facilities, prepare engineering study, and assess damage to north loop utilidor	C
		1991	Sewage Treatment Plant/System Upgrade	250,000	0	0	250,000		Repair frozer water and sewer lines; upgrade heat exchangers and circulating pumps in plant	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1992	Water and Sewer Upgrade	200,000	0	824,000	1,024,000		Construct heated raw water line from Kobuk River to treatment plant, upgrade treatment plant	C
		1993	Water and Sewer System Upgrade	1,150,000	0	1,695,000	2,845,000		Design and construct 318,000 gallon water storage tank, transmission line and watering point; construct upgrades to the utilities building, including bulk fuel storage, stand-by generator, day tank and associated piping and electrical	C
		1994	Utilidor/Landfill/Utility Building Construction	879,000	0	995,000	1,874,000		Design and construct water and sewer utilidor extensions to the North Fireweed and South Areas, including service connections and house plumbing to serve 7 additional houses	C
		1995	Water and Sewer System Extension	94,000	0	0	94,000		Provide house plumbing for 8 additional houses in the North Fireweed and South Areas	C
		1997	Water and Sewer	237,500	612,500	710,000	1,560,000		Provide house plumbing for 15 houses and construct a water and sewer connection to the school; replace vacuum toilets, greywater sumps and vacuum valves in 106 houses	C
		1999	Water and Sewer	0	0	1,085,000	1,085,000		Extend utilidor and install 16 service connections	
		2000	River Drive Water/Sewer Extension	490,000	980,000	0	1,470,000		Design and construct 1,200 ft. sewer main, 2,000 ft. water main; provide water and sewer service lines and house plumbing for 16 houses for the River Drive Extension	
		2002	Honey Bucket lagoon, Solid waste disposal	187,500	562,500	0	750,000		Build new solid waste site and close old facility. Study alternate collection and disposal methods	
		2002	Water and Sewer	0	0	110,000	110,000		Install individual water and sewer service laterals to new homes.	
		2003	Water and Sewer	0	0	80,000	80,000		Install water and sewer service lines for 3 homes.	
		2003	Sewage Lagoon Feasibility Study	30,000	90,000	0	120,000		Update 1991 Sanitation Facilities Master Plan?	
		2003	Water Treatment/Intake Upgrade/Honey bucket Dump Facility	137,500	412,500	0	550,000		Design and construct honey bucket dump station and construct water intake structure.	
				\$3,681,191	\$2,657,500	\$5,671,000	\$12,009,691	\$18,943		
Northway	95	1995	Washeteria Project	329,000	0	0	329,000		Construct washeteria, community well, sewage lagoon, power line and appurtenances	C
		1996	Honey Bucket Haul System	792,500	968,600	0	1,761,100		Construct water and sewer haul systems with 26 individual water storage tanks and 75 pit privies, 5 wells and septic systems; purchase water haul and sewage haul vehicles	C
		1996	Water and Sewer	0	0	332,500	332,500		Pit privies, wells, septic tank/drain field systems, a community sewage lagoon, and water/sewer haul system with individual storage tanks, haul vehicles, and a garage	C
		1997	Sewage Lagoon	0	0	1,248,000	1,248,000		Lagoon construction, chain link fence, water, new vegetation	C
		1999	Water and Sewer Improvements	0	0	1,130,000	1,130,000		Household plumbing and site access improvements, mechanical work inside an existing garage, an above ground force main, and a water haul truck which serves 60 homes	
		2000	Water and Sewer	0	0	330,000	330,000		Complete construction of water and sewer haul system for 14 homes, including: water/sewer holding tanks, pressure system, plumbing fixtures, service lines, electrical controls, and fuel tanks with stand.	
		2000	Water and Sewer	0	0	112,000	112,000		Provide water systems, exterior sewer tanks, sewer service connections, and access improvements for 6 homes	
		2000	Water and Sewer Haul System	0	0	250,000	250,000		Complete water and sewer haul system for 10 homes, including: exterior tanks (water & sewer), house connections, tank foundations, tank access improvements, and other exterior appurtenances	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
NW Arctic Boro		2002	Water and Sewer	0	0	1,103,610	1,103,610		Install water and sewer systems in homes including bathroom additions.	
				\$1,121,500	\$968,600	\$4,506,110	\$6,596,210	\$69,434		
	7208	1993	Local Utility Match	480,000	0	0	480,000		No data available.	C
Norton Sound				\$480,000	\$0	\$0	\$480,000	\$67		
		1999	Water and Sewer	\$0	\$0	\$150,000	\$150,000		IHS Housing. Water and sewer service lines.	
		2000	Water and Sewer	\$0	\$0	\$150,000	\$150,000		IHS Housing. Water and sewer service lines.	
		2001	Water and Sewer	\$0	\$0	\$200,000	\$200,000		IHS Housing. Water and sewer service lines.	
		2002	Water and Sewer	\$0	\$0	\$200,000	\$200,000		IHS Housing. Water and sewer service lines.	
Nuiqsut				\$0	\$0	\$700,000	\$700,000			
	433	2001	Sewage Lagoon Closure Feasibility Study	25,000	75,000	0	100,000		Study to address the options for closure of an unlined two-cell sewage lagoon	
Nulato				\$25,000	\$75,000	\$0	\$100,000	\$231		
	336	1989	Water and Sewer System, Phase I	46,900	0	0	46,900		Groundwater exploration project to find new water source for the community	C
		1993	Water and Sewer System, Phase II	2,665,000	0	0	2,665,000		Drill wells to develop new water source; construct portion of new water distribution system	C
		1994	Water and Sewer System, Phase III	810,000	0	0	810,000		Construct a portion of the water & sewer service to 62 homes in the Upper Town site, including bathroom and kitchen plumbing; construct water transmission main to Upper Town site pump house; construct foundation and building shell for pump house	C
		1994	Water and Sewer	0	0	1,115,000	1,115,000		Construct a well and lagoon. Plumb 60 homes, and water and sewer for 70 homes; USDA-Direct	C
		1995	Water and Sewer System, Phase IV	1,250,000	1,250,000	0	2,500,000		Finish construction of the water & sewer service to 62 homes in the Upper Town site, including bathroom and kitchen plumbing; expand existing sewage treatment lagoon; construct water storage tank and foundation at the Upper Town site pump house	C
		1995	Water	0	0	300,000	300,000		Construct a 126,000-gallon water storage tank. Water service lines to 12 homes	C
		1997	Washeteria Renovation	395,400	395,400	0	790,800		Mechanical, electrical and water treatment renovations to the Lower Town site washeteria	C
		1999	Water and Sewer Improvements	0	0	80,000	80,000		Water and sewer lines to 3 homes in the upper town site	
		1999	Wastewater Lagoon	0	0	785,000	785,000		Construct lagoon and discharge line for washeteria, school and lower town site	
Nunam iqua		2000	Water and Sewer connections	0	0	140,000	140,000		Provide 4 new home with water and sewer service line connections to the existing circulating water and gravity sewer system in the upper town site	
		2001	Water and Sewer improvements	211,262	633,788	0	845,050		Construct a sewage lagoon at the Lower Town site; repair Upper Town site sewage lagoon; construct berms in wetlands area to provide additional effluent treatment	
		2001	Solid Waste Feasibility Study	18,750	56,250	0	75,000		Feasibility study and design for an upgraded solid waste landfill to replace existing dump	C
		2004	Lower Town site Water and Sewer Alternatives Study	25,000	75,000	0	100,000		Analyze requirements for water and sewer upgrades in Lower Town site.	
				\$5,422,312	\$2,410,438	\$2,420,000	\$10,252,750	\$30,514		
	164	1988	Waste Haul Demonstration	50,000	0	0	50,000		Study to assess the feasibility of sewage and garbage haul systems in the community; completed 3/92	C
		1989	Waste Disposal	50,000	0	0	50,000		Purchase burn box and garbage haul equipment for the community	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1992	Water Improvements	0	0	259,000	259,000		Replacement of water transmission line and construction of a permanent water intake building	C
		1995	Water and Sewer	0	0	579,800	579,800		Provide a community master plan and the construction of a 212,000-gallon water storage tank	C
		1996	Sanitation Facility Master Plan	175,000	0	0	175,000		Master Plan to look at the feasibility of providing piped water and sewer for the community	C
		1996	Water Improvements	0	0	93,000	93,000		Pile foundation for a new raw water utilidor adjacent to the existing raw water utilidor	C
		1998	Water Distribution Utilidors	90,000	90,000	0	180,000		Construct heated water utilidor from the new water storage tank to the water treatment plant and replace the failed raw water utilidor	C
		1998	Washeteria Construction	0	0	1,402,000	1,402,000		Construct a washeteria/WTP	C
		1999	Water and Sewer System Phase I	902,000	902,000	0	1,804,000		Design and begin to construct water treatment plant / washeteria for the community	C
		1999	Water and Sewer System, Phase I	98,000	98,000	0	196,000		Continuation of project to construct water treatment plant / washeteria	C
		1999	Water and Sewer	0	0	874,333	874,333		Completion of the WTP/Washeteria, WST, raw water pipeline, tank fill and draw lines, and related facilities	
		2000	Community Water/Sewer System PH I	437,167	874,333	0	1,311,500		Complete construction of raw water intake, transmission main, water treatment plant / washeteria; provide water and sewer service lines and plumbing to city buildings	C
		2002	Wastewater Treatment Improvements	527,500	1,582,500	0	2,110,000		Construct lagoon, including force main to utility building. Connect public facilities and school, and close existing lagoon	
		2003	Sewage System	0	0	136,782	136,782		CWA AN03N57. Construct heat trace improvements, lift station connection to main and pipe from old lagoon to new lift station.	
		2003	Wastewater Treatment Improvements	220,200	660,500	0	880,700		Construct lagoon and force main. Close old lagoon.	
		2003	Wastewater Treatment Improvements	316,000	948,000	0	1,264,000		Construct lagoon and force main. Close old lagoon.	
		2004	Sewer and Water System Improvements	606,500	1,819,500	0	2,426,000		Construct water and sewer mains and service connections and install house plumbing.	
				\$3,472,367	\$6,974,833	\$3,344,915	\$13,792,115	\$84,098		
Nunapitchuk	466	1989	Sewage System	550,000	0	0	550,000		Construct 2 sewage lagoons, honey bucket haul system and 2 maintenance garages	C
		1993	Honey Bucket Haul System	100,000	0	0	100,000		Install Cowater flush tank and haul units in 5 homes	C
		1994	Water/Sewer System Design/Construction	750,000	0	0	750,000		Complete project to provide Cowater units to 5 homes; install other closed-haul units in 15 homes; design 2 new sewage lagoons (older sewage lagoons failed); close sewage bunkers	C
		1995	Sewage Projects	0	0	80,000	80,000		Abandon 30 sewage bunkers, complete improvements to honey bucket haul system.	C
		1998	Sewer/Water Improvements	1,150,000	1,150,000	17,000	2,317,000		Replace closed-haul units installed previously with Cowater units in 15 homes (closed-haul units failed); construct water plant improvements and 2 sewage lagoons; install 14 additional Cowater units; complete West Side water study	C
		1999	Haul system and lagoon	550,000	550,000	0	1,100,000		Finish sewage bunker lakes close-out; provide haul equipment	C
		1999	Haul System and Lagoon	0	0	329,000	329,000		Complete installation of 15 Cowater units; continue closing sewage bunker lakes; construct 6,000 ft. of boardwalk to accommodate flush tank and haul system	
		1999	Housing Water/Sewer System Improvement Study	31,500	31,500	0	63,000		Study to address water and sewer improvements for teacher housing	C
		2000	Water/Sanitation Improvements	316,667	633,333	0	950,000		Construction of new main boardwalk. In-house design	
		2001	Water Haul System Access	200,000	600,000	2,095,000	2,895,000		Access between main boardwalks and homes for water/sewer haul vehicles. In-house design	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2002	Water and Sewer improvements	425,000	1,275,000	0	1,700,000		Install flush tank haul units in 40 homes. Purchase 500 cubic yards of gravel to close lagoon and maintain new lagoon dikes	
		2002	Water and Sewer	0	0	1,425,000	1,425,000		Install water and sewer haul systems	
		2003	Lagoon/Bunker Closure/Sanitation Improvements	237,500	712,500	0	950,000		Complete closure of sewage bunkers	
		2003	Water Supply	0	0	496,000	496,000		Drill new well and construct WTP.	
				\$4,310,667	\$4,952,333	\$4,442,000	\$13,705,000	\$29,410		
Old Harbor	237	2000	Sanitation Improvements Feasibility Study	33,333	66,667	0	100,000		Water system feasibility study to review options for meeting Surface Water Treatment Rule	
		2003	Water and Sewer	0	0	101,100	101,100		IHS Housing. Water treatment plant improvements.	
				\$33,333	\$66,667	\$0	\$100,000	\$422		
Ouzinkie	225	1999	Comprehensive Utility Master Plan	65,000	65,000	0	130,000		Master plan to address the water, sewer and solid waste disposal needs of the community	C
		2001	IHS-Reg/CWA-ISA	0	0	793,170	793,170			
		2003	Sewer/Water Improvements, PH I	212,500	637,500	0	850,000		Upgrade sewer and water system	
		2003	Sewer System	0	0	581,484	581,484		Construct home sewer service laterals, community septic tank, force main, and residential lift stations.	
		2004	Sewer and Water Improvements, PH II	325,000	975,000	0	1,300,000		Complete sewage collection system	
				\$602,500	\$1,677,500	\$1,374,654	\$3,654,654	\$16,243		
Pedro Bay	50	1992	Septage and Solid Waste Improvements	0	0	300,000	300,000		Installation of 7 individual well and septic systems, septage disposal site and solid waste site improvements	C
		1997	Solid Waste Site Feasibility Study	52,400	0	0	52,400		Feasibility study to locate a new landfill site; develop cost estimates and preliminary design	C
		2000	Water and Sewer Improvements	0	0	473,000	473,000		Replace failing septic tank and drain fields and drill new residential wells for 10 homes	
		2001	Solid Waste Landfill Construction	301,532	904,598	0	1,206,130		Design and construct new landfill, transfer facility, access road; purchase solid waste vehicle	
		2003	Sewer System	0	0	110,000	110,000		Purchase of a sludge pumper truck.	
				\$353,932	\$904,598	\$883,000	\$2,141,530	\$42,831		
Pelican	163	1998	Wastewater and Solid Waste Management Plan	25,000	25,000	0	50,000		Study to review options for wastewater treatment improvements and solid waste management; completed 10/00	C
		2003	Water and Sewer Improvements	205,000	615,000	0	820,000		Design and construct upgrades to sewer and water facilities	
		2004	Sewer Expansion, PH III	77,500	232,500	0	310,000		Connect PH III homes to sewer system.	
				\$307,500	\$872,500	\$0	\$1,180,000	\$7,239		
Perryville	107	1994	Water Supply Improvements	0	0	370,000	370,000		Construction of a new raw water intake, raw water supply line, filtration equipment and a WST	C
		1996	Water Project	500,000	0	0	500,000		Construct water storage tank, foundation, piping to and from water treatment plant, water treatment plant upgrades, new raw water infiltration gallery and transmission main	C
		1999	Water and Sewer	0	0	237,000	237,000		Installation of 5 septic tanks and drain fields, feasibility study and appurtenances	
		2000	Water Project	66,667	133,333	0	200,000		Feasibility study and design to evaluate alternatives for serving 5 homes with water and sewer service; finish construction of raw water infiltration gallery and water storage tank	C
				\$566,667	\$133,333	\$607,000	\$1,307,000	\$12,215		
Pilot Point	100	1985	Water and Sewer	25,000	0	0	25,000		Purchase septic sludge pumper truck	C
		1985	Water and Sewer Design and Construction	491,000	0	0	491,000		Design and construct 16 individual wells and 13 septic systems in Pilot Point	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Pilot Station		1986	Water and Sewer	46,200	0	0	46,200		Construct community septic system and drain field to serve remaining 12 homes in Pilot Point	C
		1998	Sanitation Facilities Study	50,000	50,000	0	100,000		Study options to correct failing septic systems, drill new wells, and relocate landfill	
		2000	Septic System Rehabilitation/Upgrade wells, new landfill	450,000	900,000	0	1,350,000		Re-construct failed septic systems; upgrade wells and water service to the Dago Creek facility; construct new community landfill and access road, and close-out existing landfill	C
		2001	IHS-Reg	0	0	600,000	600,000			
		2003	Solid Waste/Sewer/Water Improvements	640,000	1,920,000	0	2,560,000		Complete landfill, design water treatment plant, washeteria and distribution system. Construct 12 onsite waste systems and upgrade waste system. Aerial mapping.	
				\$1,702,200	\$2,870,000	\$600,000	\$5,172,200	\$51,722		
Pilot Station	550	1996	Water Treatment Plant	0	0	912,000	912,000		Construct a Water Treatment Plant	C
		1997	Water and Sewer Upgrade, PH I & II	213,500	213,500	0	427,000		Provide plumbing for 52 houses	C
		1997	Solid Waste Study	0	0	100,000	100,000		Disposal site evaluation	C
		1997	Water Treatment Plant	0	0	100,000	100,000		WTP Bulk fuel storage tank, access road for WTP to WST, WTP sewer main extension	C
		1997	Water Storage Tank	0	0	710,000	710,000		Water Storage Tank, access road to Water Treatment Plant	C
		1999	Water and Sewage Treatment	600,000	600,000	0	1,200,000		Upgrade water storage tank; construct 1,300 ft. water main; upgrade sewage treatment plant; replaces failing system	C
		1999	Water and Sewer	0	0	1,320,000	1,320,000		Replace water main loops 1 and 2	
		2000	Water and Sewer PH IV	337,750	1,013,250	0	1,351,000		Construct 2,600 ft. water main, 1,300 ft. sewer main and force main, 1 sewer lift station, 20 arctic boxes and 1,750 ft. water service lines to serve 20 houses; replaces failing system	
		2001	Water and Sewer Project	360,762	1,082,288	0	1,443,050		Continue to construct water and sewer mains to replace failing system	
		2002	Water and Sewer	470,300	1,410,700	0	1,881,000		Construct 2,250' water main, 550' sewer main and a lift station. Connect 27 homes, 2 schools, city and tribal offices, and community building	
		2002	Sewer System	0	0	1,467,000	1,467,000		Construct a lagoon and 2,800' of force main.	
		2003	Sewage Lagoon Feasibility Study	25,000	75,000	0	100,000		Study feasibility of new sewage lagoon	
		2003	Water and Sewer	0	0	160,000	160,000		IHS Housing. Service connections for 4 homes.	
	Pitkas Point		2003	Service Connections	0	0	60,000	60,000		Install water and sewer service connections.
		2003	Water Supply System	0	0	471,380	471,380		Install submersible well pump and upgrade electrical and mechanical components.	
				\$2,007,312	\$4,394,738	\$5,300,380	\$11,702,430	\$21,277		
125		1985	Water Facility Upgrade	74,750	0	0	74,750		Renovate laundry facility, including replacement of floors, walls, ceiling, showers and equip.	C
		1996	Washeteria Renovation	0	0	40,000	40,000		USDA-Direct	
		2002	Facilities Master Plan	37,500	112,500	0	150,000		Conduct sanitation master plan	
		2003	Water Supply System	0	0	350,000	350,000		Well development and transmission line to WTP.	
		2004	Water and Sewer Project	601,900	1,805,700	0	2,407,600		Construct water treatment plant, washeteria, sewage treatment plant and lift station.	
				\$714,150	\$1,918,200	\$390,000	\$3,022,350	\$24,179		
Platinum		41	1985	Water and Sewer Study	1,572	0	0	1,572		In-house study of water, wastewater and solid waste disposal alternatives for the community; completed 12/84
		1988	Watering Point	170,000	0	0	170,000		Drill three wells and construct community watering point including chlorinator	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1991	Water Supply Improvements	100,000	0	0	100,000		Construct water distribution system and frost-free yard hydrants serving 19 homes & school	C
		2003	Water and Sewer Feasibility Study	25,000	75,000	0	100,000		Assess water, sewer and solid waste needs	
				\$296,572	\$75,000	\$0	\$371,572	\$9,063		
Point Hope	757	1996	Water and Sewer Phase II	500,000	500,000	0	1,000,000		Purchase wastewater treatment plant materials and piping	C
		1997	Water and Sewer Phase III	475,000	475,000	0	950,000		Purchase wastewater treatment plant materials and piping	C
				\$975,000	\$975,000	\$0	\$1,950,000	\$2,576		
Point Lay	247	1986	Litter	2,000	0	0	2,000		No Data Available	C
		1995	Water/Sewer System Construction	750,000	0	0	750,000		Procure materials for piped water and sewer system to serve homes in the community	C
				\$752,000	\$0	\$0	\$752,000	\$3,045		
Port Alexander	81	1984	Water Improvements	150,000	0	0	150,000		Construct water distribution system for Tract B	C
		1984	Waterline	57,000	0	0	57,000		Establish water supply from upland source to improve raw water quality	C
		1987	Water Storage Tank	60,000	0	0	60,000		Construct water storage tank and foundation	C
		2001	Water System Upgrade	51,792	155,377	0	207,169		Upgrade water distribution system in Tract A; increase contact time for water disinfection	
		2003	USDA-Direct	0	0	95,000	95,000			
				\$318,792	\$155,377	\$95,000	\$569,169	\$7,027		
Port Alsworth	104	2001	Study	18,750	56,250	0	75,000		Feasibility study to investigate alternatives for solid waste disposal	C
				\$18,750	\$56,250	\$0	\$75,000	\$721		
Port Graham	171	1990	Water Transmission Main	277,000	0	0	277,000		Construct 3,400-ft. ductile iron raw water transmission main from new dam to the community	C
		1993	Water and Sewer	250,000	0	0	250,000		Install water distribution and sewer collection system to replace older system	C
		1995	Sewer Project	0	0	350,891	350,891		Provide an access road, sludge disposal lagoon and trailer mounted sludge pumper	C
		1999	Water and Sewer	0	0	45,000	45,000		Construction of a bolted steel WST, an addition to the existing community WTP to house expanded and upgrading water filtration and treatment equipment which serves approximately 65 homes and 190 people	
		2000	Water Source Development, Treatment & Distribution System Upgrade	176,000	528,000	0	704,000		Construct 150,000 gallon water storage tank, water treatment plant upgrades including 3 new pressure sand filters and a construct a building addition onto the existing water treatment plant	
		2000	Water and Sewer	0	0	193,500	193,500		Water/Sewer main extensions, service to 3 homes	
		2000	Water Project	0	0	314,400	314,400		No Data Available	
		2002	Water and Sewer	0	0	583,750	583,750		Install water and sewer mains, services stubs and a manhole.	
		2003	Water and Sewer	0	0	95,000	95,000		Install water and sewer service lines, sewage lift station and sewage force main.	
				\$703,000	\$528,000	\$1,582,541	\$2,813,541	\$16,453		
Port Heiden	119	2003	Water and Wastewater Feasibility Study	\$33,500	\$100,500	\$0	\$134,000		Evaluate community water and wastewater alternatives.	
		2003	Water and Sewer Service	\$0	\$0	\$554,000	\$554,000		fields.	
				\$33,500	\$100,500	\$554,000	\$688,000	\$5,782		
Port Lions	256	1993	Water and Sewer	250,000	0	0	250,000		Install water distribution and sewer collection system to replace older system	C
		1994	Solid Waste Disposal	100,000	0	0	100,000		Purchase heavy equipment for community to operate and maintain solid waste site; cleanup	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status		
Port Protection		2000	Water Dam Replacement	250,000	500,000	0	750,000		Construct replacement dam on Branchwater Creek; upgrade lift station pump controls	C		
		2000	ANTHC	0	0	791,000	791,000		No Data Available			
		2003	Water and Sewer	0	0	190,000	190,000		IHS Housing. Water system improvements.			
				\$600,000	\$500,000	\$981,000	\$2,081,000	\$8,129				
		63	1985	Water and Sewer Study	30,000	0	0	30,000		Feasibility study to provide a gravity-flow water system for the community; completed 12/84	C	
			1986	Water Phase I	44,871	0	0	44,871		Water system design and construction of spring collection basin	C	
			1987	Water Phase II	200,000	0	0	200,000		Construct water storage tank and foundation; construct water transmission main to community	C	
			1989	Water Phase III	100,000	0	0	100,000		Construct water mains, fire hydrants and service lines to the east side of community	C	
			1990	Community Building Sewer	27,070	0	0	27,070		Install septic tank and 4" diameter ocean outfall for the community building and the school	C	
			1990	Waterline Completion	272,930	0	0	272,930		Construct water mains, fire hydrants and service lines to the west side of community	C	
Portage Creek		1998	Watershed Area Delineation Study	6,717	6,718	0	13,435		analyze groundwater, now derived from federal land designated for logging; completed 12/98	C		
		2003	Water Tank Retaining Wall	8,800	26,200	0	35,000		Construct retaining wall at water storage tank.			
		2004	Wastewater Engineering Study	25,000	75,000	0	100,000					
				\$715,388	\$107,918	\$0	\$823,306	\$13,068				
		36	1999	Engineering Study	50,000	50,000	0	100,000		Study to determine what type of water and sewer system is feasible and affordable.	C	
				\$50,000	\$50,000	\$0	\$100,000	\$2,778				
	Quinhagak		555	1983	Sewer System Improvements	300,000	0	0	300,000		Construct a sewage lagoon with gravel road for access; develop honey bucket haul system	C
				1991	Water, Sewer, Solid Waste	200,000	0	0	200,000		Purchase equipment for honey bucket haul system; site control surveying for Native allotments	C
				1994	Water and Wastewater Disposal Project	0	0	620,000	620,000		Relocation of water treatment plant	C
				1996	Water and Sewer Upgrades	0	0	593,000	593,000		New washeteria, water service main and lagoon upgrades which will serve 105 homes; USDA-Direct	C
			1996	Water System	0	0	497,000	497,000		USDA-Direct		
			1997	(LKSD) Sewage Lagoon Repair Study	48,000	0	0	48,000		Study to evaluate alternatives for the school sewage lagoon; study completed 9/00; recommend building sewage force main to the washeteria sewage lagoon	C	
			1998	Washeteria, Phase III	275,000	275,000	0	550,000		Construct a portion of new washeteria and purchase washers and dryers	C	
			1998	Water and Sewer Improvements	0	0	348,000	348,000		Additional funding for completion of washeteria	C	
			1999	Water and Sewer Improvement Project	612,500	612,500	0	1,225,000		Install flush-haul water and sewer systems in 45 additional houses in the community	C	
			2000	Sanitation Facilities Improvements	650,000	1,300,000	0	1,950,000		Install flush-haul water and sewer systems in 30 additional houses in the community; construct new sewage lagoon and landfill on land controlled by the community		
		2001	Sanitation Facilities Improvements	333,369	1,000,106	0	1,333,475		Install flush-haul water and sewer systems in the remaining houses in the community			
		2001	Sanitation Road Construction	0	0	14,050	14,050		Sanitation road construction; RSA from DOTPF			
		2002	Sanitation Road Construction	0	0	8,000	8,000		Sanitation road construction; RSA from DOTPF			
		2003	Sewer System	0	0	1,000,000	1,000,000		Construct a lift station and force main to a community lagoon.			

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Ranpart		2003	Sanitation Improvements	250,000	750,000	0	1,000,000		Construct lagoon, pump stations, and pipeline. Close school and community lagoons.	
		2003	Sanitation Road Construction	0	0	71,055	71,055		Sanitation road construction; RSA from DOTPF	
		2003	Sanitation Road Construction	0	0	502,602	502,602		Sanitation road construction; RSA from DOTPF	
		2004	Sanitation Improvements, PH II	560,700	1,682,000	0	2,242,700		Design and construct water tank and utility building.	
				\$3,229,569	\$5,619,606	\$3,653,707	\$12,502,882	\$22,528		
	45	1985	Water and Sewer	700,800	0	0	700,800		Construct washeteria, sewage lagoon and solid waste disposal site	C
		1995	Water Treatment Plant	0	0	125,000	125,000		WTP relocation, and construction plans	C
		1996	Sanitation Facilities Construction	0	0	771,000	771,000		Construction of a new WTP and washeteria; well connection and a new washeteria wastewater disposal system.	C
		1997	Sanitation Facilities Construction	0	0	390,000	390,000		Washeteria Construction	C
		1998	Washeteria WTP	364,500	364,500	0	729,000		Drill new well and complete construction of washeteria mechanical and electrical; construct new sewer lift station and force main; rehabilitate sewage lagoon	C
Red Devil		1999	Engineering Study	75,000	75,000	0	150,000		Conduct sanitation facility master plan to address feasibility of piped water and sewer system	
		2000	Water and Sewer	112,500	337,500	0	450,000		Connect old well to washeteria as back-up source (water shortages occur); repair sewage lagoon dikes; replace sewage outfall line to Yukon; remove 1,200' of abandoned utilidor	
		2002	Solid Waste/Water Quality Protection Plan	18,800	56,200	0	75,000		Sanitation feasibility study	
				\$1,271,600	\$833,200	\$1,286,000	\$3,390,800	\$75,351		
	48	1987	Water/Waste Study	5,686	0	0	5,686		Sanitation facilities engineering study completed 5/97; study recommends construction of watering point, washeteria and landfill with burn box in 3 phases	C
		1988	Watering Point	9,992	0	0	9,992		Funds reappropriated because community was unable to obtain site control for watering point	C
		1998	Sanitation Master Plan	87,500	87,500	0	175,000		Sanitation master plan to comprehensively plan for water, sewer and solid waste including aerial photography and site control options; replacing garbage dump is a high priority	
		2003	Water and Sewer Service	0	0	782,490	782,490		IHS 516,090; CWA 266,400 AN03N31. Install well and septic service and interior plumbing for 10 homes.	
		2004	Sanitation Facilities Improvements	362,800	1,088,200	0	1,451,000		Construct on-site sewer and water systems for 20 homes and a septage disposal facility.	
				\$465,978	\$1,175,700	\$782,490	\$2,424,168	\$50,504		
Ruby	188	1998	Planning	0	0	47,400	47,400		Design work for sanitation facilities	C
	2000	Feasibility Study & Pre Design of Water/Sewer System	50,000	100,000	0	150,000		Feasibility study to determine whether individual wells or a water distribution system is appropriate for the community; study includes soil testing and exploratory drilling; completed 6/01	C	
	2000	Water Improvements	0	0	438,000	438,000		Design a new washeteria/WTP, community water system, WST. Develop a new water source		
	2002	Sanitation facility improvements, PH I	300,000	900,000	0	1,200,000		Construct new washeteria and water treatment plant, water storage tank, and upgrade water and sewer to city office and clinic		
	2003	Sewer System	0	0	855,000	855,000		Construct a force main and lagoon.		
			\$350,000	\$1,000,000	\$1,340,400	\$2,690,400	\$14,311			
Rural Clinics		1992	Water and Sewer Service	\$500,000	\$0	\$0	\$500,000		Provide water and sewer service to village clinics.	
	1993	Water and Sewer Service	\$500,000	\$0	\$0	\$500,000		Provide water and sewer service to village clinics.		
	1994	Water and Sewer Service	\$500,000	\$0	\$0	\$500,000		Provide water and sewer service to village clinics.		
	1997	Water and Sewer Service	\$325,000	\$0	\$0	\$325,000		Provide water and sewer service to village clinics.		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Russian Mission		1999	Water and Sewer Service	\$250,000	\$250,000	\$0	\$500,000		Provide water and sewer service to village clinics.	
		2001	Water and Sewer Service	\$125,000	\$375,000	\$0	\$500,000		Provide water and sewer service to village clinics.	
				\$2,200,000	\$625,000	\$0	\$2,825,000			
	296	1991	Water and Sewer	0	0	607,000	607,000		Replace 7 flood damaged water and sewer services, install 5 new water and sewer services, replace lower sewage lagoon with a lift station, install force main to upper lagoon, construct new cell at upper lagoon, and consolidate the community's wastewater treatment facilities	C
		1996	Piped Sewer Project	298,800	365,200	0	664,000		Continue to construct upper sewage lagoon, fencing, lift station and force main begun by PHS	C
		1998	Water and Sewer Improvements	0	0	30,000	30,000		Replace 800' of arctic pipe between WST and WTP	
		1998	Sewer Lagoon Expansion	175,000	175,000	0	350,000		Finish construction of upper sewage lagoon and close-out lower sewage lagoon	C
Saint George		2002	Water Treatment Plant	0	0	198,750	198,750		Upgrade water treatment plant.	
		2003	Water and Sewer	0	0	171,188	171,188		IHS Housing. Upgrade water treatment plant.	
				\$473,800	\$540,200	\$1,006,938	\$2,020,938	\$6,827		
	152	1987	Water Supply	300,000	0	0	300,000		Drill four wells to develop an acceptable water supply for the community	C
		1990	Water Well Tie-in	300,000	0	0	300,000		Construct access road to well field, 2,400 ft. transmission main and replace distribution system	C
		1998	Water Storage Tank	0	0	400,000	400,000		Recoating the exterior of the existing 500,000-gallon city WST.	
		2000	Water and Sewer	0	0	140,000	140,000		Provide water and sewer service line connections for 5 new homes to the community water and sewer system.	
Saint Mary's		2001	Water/Sewer System Planning Study	56,250	168,750	0	225,000		Planning study to evaluate the condition of an older water distribution and sewer system	C
		2003	NOAA Appropriation-Landfills	0	1,000,000	0	1,000,000		Design and permit. Start construction of landfill.	
				\$656,250	\$1,168,750	\$540,000	\$2,365,000	\$15,559		
	500	1987	Sewer Project	0	0	199,000	199,000		USDA Direct	C
		1992	Water and Sewer	0	0	1,400,000	1,400,000		Construct a new WTP, improve reservoir retention dam, and install intake structures, erect 212,000-gallon water storage tank, and provide water and sewer service to 15 homes	C
		1994	Water and Sewer System Design/Construction	500,000	0	0	500,000		Design and construct 4,200 ft. water main extension to new and unserved homes; install service connections to serve 3 homes	C
		1994	Water Improvements	0	0	450,000	450,000		Replace 3200' of leaking and damaged arctic PVC water main with buried arctic water main	C
		1995	Water and Sewer Improvements	0	0	950,000	950,000		Off-site community water and sewer facilities installed to serve the 28-unit HUD subdivision	C
		1996	Water and Sewer Improve PH III	300,000	300,000	0	600,000		Install 2 water service lines; repair water distribution system; replace 30 manholes	C
		1996	Water and Sewer Improvements	0	0	50,000	50,000		2 service line connections, existing water system distribution improvements and leak detection, replacement of 30 manholes	C
	1998	Sewer System Renovation PH II	450,000	450,000	0	900,000		Replace lift station and 30 additional manholes; purchase tools for operation and maintenance	C	
	2000	Sewage Lagoon & Landfill Planning	50,667	101,333	0	152,000		Examine alternatives for expansion or relocation of solid waste landfill and sewage lagoon	C	
	2000	ANTHC	0	0	140,000	140,000		Data Not Available		
	2001	Service Connections	0	0	150,000	150,000		Install water and sewer service connections and interior plumbing.		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Saint Michael		2001	Water Distribution and Wastewater Collection Study	44,250	132,750	0	177,000		Study to evaluate an older section of water distribution and sewer collection system		
		2002	Water treatment plant optimization study	16,300	48,700	0	65,000		Study best operating practices and equipment requirements to meet SWTR		
		2003	Water and Sewer	0	0	272,996	272,996		SDWA 130,095 CWA 142,901 AN03?29. Construct sewer and water mains and connect 14 homes.		
				\$1,361,217	\$1,032,783	\$3,611,996	\$5,733,000	\$11,466			
	368	1985	Tank Repair	99,000	0	0	99,000		Repair 1.2 million gallon water storage tank	C	
		1987	Water and Sewer	1,000,000	0	0	1,000,000		Engineering study completed 2/87; the study developed short and long-term solutions to sanitation problems in the community; purchase honey bucket haul equipment; rehabilitate washeteria; begin construction of new water treatment plant	C	
		1990	Water System Facility	146,250	0	0	146,250		Finish construction of new water treatment plant (combined with \$1 million appropriation)	C	
		1990	Water Tank Repair	87,000	0	0	87,000		Repair 1.2 million gallon water storage tank (combined with \$99,000 appropriated in 1985)	C	
		1990	Washeteria	16,750	0	0	16,750		Finish construction of new washeteria adjacent to new water treatment plant	C	
		1992	Water Tanker/Fire	300,000	0	0	300,000		Purchase insulated water delivery truck with fire pump; construct storage building for truck	C	
		1994	Sanitation Facilities Construction	0	0	1,867,000	1,867,000		Construct gravity sewer collection and disposal system. Provide water haul facilities in homes served with sewer systems; USDA-Direct; \$817,000		
		1994	Water and Sewer System Design/Construction	500,000	0	0	500,000		Construct a portion of the vacuum sewer collection station	C	
		1995	Vacuum Sewer PH I	539,000	-539,000	0	1,073,000		Finish construction of the vacuum sewer collection station	C	
		1995	Sewer Improvements	0	0	560,000	560,000		In-house plumbing for 12 existing homes and vacuum sewer system		
		1997	Vacuum Sewer PH II	121,600	515,400	0	937,000		Construct vacuum sewer mains and service connections in the community		
		1997	Water Treatment Improvements	0	0	1,020,000	1,020,000		Water tank foundation rehabilitation, water tank insulation rehab, WTP rehab.		
		1998	Piped Water/Sewer	1,120,000	1,120,000	0	2,240,000		Finish construction of vacuum sewer mains and service lines, install plumbing for 25 houses	C	
	Saint Paul		2000	Wastewater	0	0	100,000	100,000		Vacuum sewer main extension	
			2000	Water Treatment Plant	0	0	830,000	830,000		Rehabilitation of the WTP	
			2002	Water and Sewer project	283,800	851,200	0	1,135,000		4,000' force main and gravity sewer. 29 vacuum sewer service lines, 9 homes plumbed, 1,600' vacuum utilidor, complete vacuum sewer plant.	
		2003	Water and Sewer	0	0	113,940	113,940		IHS Housing. Service connections for 6 homes.		
		2003	Water and Sewer	0	0	1,000,080	1,000,080		Construct piped water and sewer services.		
		2003	Washeteria	0	0	281,017	281,017		Renovate washeteria.		
		2003	Sanitation Facilities Improvements	700,000	2,100,000	284,959	3,084,959		Construct 21,000' fill line, two wells and pump house, rehab washeteria, and purchase water haul truck.		
		2004	Sanitation Facilities Improvements	700,000	2,100,000	0	2,800,000		Complete water treatment plant/washeteria renovations, install utilidor and construct services to 35 homes.		
				\$5,913,400	\$7,225,600	\$6,056,996	\$19,195,996	\$52,163			
532		1985	Sewer Improvements	299,200	0	0	299,200		Construct new sewer interceptor from downtown to outfall	C	
		1987	Water, Sewer and Landfill	300,000	0	0	300,000		Drill two wells, construct well houses and water transmission main	C	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1994	Water System Replacement/Reconstruct PH III	1,000,000	0	0	1,000,000		Construct new water treatment building, new water transmission main booster pump, new well pumps	C
		1995	Landfill/Incinerator Construction	428,500	428,500	848,900	1,705,900		Construct landfill, sludge disposal, waste oil disposal, MARPOL, and incinerator facilities; USDA-Direct; \$848,900	C
		1995	Outfall Improvements	0	0	272,000	272,000		Outfall repairs	
		2003	Water Storage Tank	0	0	1,280,000	1,280,000		IHS AN03N50. Construct water storage tank and remove old tanks.	
		2003	NOAA Appropriation-Landfills	0	1,000,000	0	1,000,000		Design and carryout preliminary construction of landfill.	
		2004	Sewer Feasibility Study	24,600	73,700	0	98,300		Assess sewer system and future needs	
				\$2,052,300	\$1,502,200	\$2,400,900	\$5,955,400	\$11,194		
Savoonga	643	1992	Waste Improvements	0	0	1,200,000	1,200,000		Develop honey bucket/solid waste disposal site. \$400,000 DOTPF funds for road upgrade	C
		1994	Sanitation Facilities Construction	362,000	0	0	362,000		electrical improvements including heat trace installation; construct improved utilidors	C
		1995	Piped Water/Sewer Design/Construction	400,000	400,000	0	800,000		Construct 2,700 ft. sewer main, lift station and ocean outfall; connect school, washeteria and city office to the sewer system	C
		1995	Sewer Improvements	0	0	900,000	900,000		Construct a gravity sewer main to serve the school and washeteria, service line stubout will be provided for future connection of homes adjacent to the sewer main.	C
		1995	Piped Water/Sewer Facility PH III	400,000	400,000	0	800,000		Construct back-up water source and a 200,000 gallon water storage tank	C
		1996	Water and Sewer Improvements	0	0	1,220,000	1,220,000		Construction of a water storage tank, sewage force main, sewage lagoon, and the drilling and development of a new well which serves 165 homes	C
		1996	Water and Sewer Improvements	0	0	510,000	510,000		Installation of utilidor and service lines and plumbing of city facilities	C
		1997	Piped Water/Sewer, PH IV	250,000	250,000	0	500,000		Construct 2,100 ft. of water and sewer utilidor in the south service area	C
		1997	Water and Sewer Improvements	0	0	727,000	727,000		Installation of utilidor and service lines and plumbing of city facilities	C
		1998	Water and Sewer Improvements	0	0	600,000	600,000		Extension of the water and sewer utilidor, the plumbing of homes and public buildings, and installation of service lines in the South service area.	C
		1998	Piped Water/Sewer	900,000	900,000	0	1,800,000		Construct 1,200 ft. of utilidor, service lines to houses and plumb 37 houses in the south service area; construct service lines and plumb 5 public buildings including the health clinic	C
		1999	Water and Sewer Improvements	0	0	500,000	500,000		Installation of mainline water and sewer utilidor to supply water and collect sewage from 20 newly constructed homes	
		1999	Water and Sewer	0	0	300,000	300,000		Construction of 4300 ft of utilidor in north and west service areas; construction of 69 service lines to houses and plumb 69 houses in the north service area	
		2000	Water and Sewer	590,750	1,772,250	0	2,363,000		Construct 4,300 ft. of utilidor in the north and west service areas; construct 69 service lines to houses and plumb 69 houses in the north service area	
		2000	Water and Sewer Improvements	0	0	1,860,000	1,860,000		Provide plumbing to 41 homes and install mainline above ground, water and sewer utilidor serving 62 homes	
		2001	Water and Sewer	0	0	1,167,000	1,167,000		Install house plumbing and realign raw water transmission line.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Saxman		2001	Water and Sewer Project	625,000	1,875,000	0	2,500,000		Construct utilidor & plumb 16 houses in the N. service area; construct 56 mainline connections and combined service line in the W. service area; plumb 52 houses in the W. service area; re-align the raw water transmission main	
				\$3,527,750	\$5,597,250	\$8,984,000	\$18,109,000	\$28,163		
	431	1987	Industrial Zone Water PH II	357,921	0	0	357,921		Install water mains and upgrade water treatment equipment	C
		1998	Revalidation of Water/Wastewater Studies	60,000	60,000	0	120,000		Complete comprehensive water and wastewater facility master plan; completed 10/99	C
		2001	Water Storage Design Study	37,500	112,500	0	150,000		Develop plans and specifications for a new 600,000 gallon water storage tank	
				\$455,421	\$172,500	\$0	\$627,921	\$1,457		
Scammon Bay	465	1993	Water and Sewer Improvements	0	0	937,000	937,000		Construct a 100,000-gallon water storage tank and a water infiltration system. Provide water and sewer service to 2 additional homes	C
		1996	Water and Sewer Improvements	0	0	910,000	910,000		Rehabilitation of existing sewer lines, modifications in the WTP, and the design of a new solid waste site.	C
		2002	Water Treatment Plant	0	0	100,000	100,000		Replace 3 boilers and provide improvements to the WTP.	
		2003	Water and Sewer	0	0	658,648	658,648		Water and sewer service lines to 11 homes, WTP upgrades, lift station upgrade.	
		2003	Future Water/Sewer Upgrade Study	62,500	187,500	0	250,000		Investigate water source and distribution system options	
Scattered Sites				\$62,500	\$187,500	\$2,605,648	\$2,855,648	\$6,141		
		2003	Water and Sewer	\$0	\$0	\$1,200,000	\$1,200,000		IHS Housing. Service connections for 20 homes.	
				\$0	\$0	\$1,200,000	\$1,200,000			
Selawik	772	1990	Water and Sewer	41,000	450,000	629,000	1,120,000		Construct water utilidor to washeteria	C
		1990	Water Storage Tank	0	0	1,120,000	1,120,000		Design and construct a 1,135,623 liter WST.	C
		1992	Storage/Washeteria	400,000	0	556,000	956,000		Construct 300,000 gallon water storage tank; construct vacuum sewer station in utility bldg.	C
		1993	Water and Sewer Improvements	0	0	556,000	556,000		300,000-gallon water storage tank, upgrade WTP, vacuum sewage collection station, upgrade force main and lagoon.	C
		1994	Water and Sewer System Construction PH II	480,000	0	5,448,000	5,928,000		Construct piped water and sewer for 79 houses, waste heat system and lagoon expansion; \$4M USDA-Direct	C
		1995	Water/Sewer System Design/Construction	310,000	0	0	310,000		Install house plumbing for 37 houses in conjunction with construction of water and sewer	C
		1995	Water and Sewer	0	0	300,000	300,000		Piped service to 37 homes, including above ground circulating water mains, vacuum sewer mains, and individual service lines. Year-round watering point and sewage pump station for 16 homes on island portion of community.	C
		1996	Water and Sewer Improvements	875,000	875,000	300,000	2,050,000		Construct piped water and sewer and service lines for an additional 37 houses	C
		1996	Wastewater Construction	0	0	714,000	714,000		Construct piped water and sewer service to island and east portion of community.	
		1997	Piped Water/Sewer PH III	437,500	794,500	357,000	1,589,000		Construct additional water and sewer main lines in the community	C
	2000	Water/Sewer PH II & III	875,000	0	2,625,000	3,500,000		Construct additional water and sewer main lines in the community; install plumbing in 31 houses; USDA-Direct		
	2001	Water and Sewer PH III Completion	875,000	2,625,000	0	3,500,000		Construct additional water and sewer main lines in the community; install plumbing in 30 houses	C	
	2003	Water/Sewer System Expansion Feas. Study	17,300	51,700	0	69,000		Assess expansion of water and sewer system to unserved homes		
				\$4,310,800	\$4,796,200	\$12,605,000	\$21,712,000	\$28,124		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Seldovia	286	1994	Water/Wastewater System Design/Construction	594,299	0	204,000	798,299		Repaired drinking water source dam, rehabilitated/repared 2 wastewater lift stations, replaced 500 ft of thin wall steel water main. This project also provided a computerized preventative maintenance program and baseline utility mapping.	C
		1994	Water and Wastewater	0	0	75,000	75,000		Leak Detection; USDA-Direct	C
		1995	Water and Sewer Improvement	0	0	1,100,000	1,100,000		USDA-Direct	
		2003	Water and Sewer Feasibility Study	23,400	70,100	0	93,500		Assess improvements to water and sewer system	
					\$617,699	\$70,100	\$1,379,000	\$2,066,799	\$7,227	
Shageluk	129	1991	Sanitation Facilities Improvements	0	0	743,500	743,500		Convert the existing freezer building into a new washeteria and install water and sewer service lines to the clinic and washeteria	C
		1994	Washeteria	0	0	305,000	305,000		Complete the community washeteria	C
		1997	Utility Feasibility Study	45,000	0	0	45,000		Study to address water, sewer and solid waste improvements in the community; completed 6/01	C
		1998	Comprehensive Utility Master Plan	65,000	65,000	0	130,000		Study to address water, sewer and solid waste improvements in the community (continuation); completed 6/01	C
					\$110,000	\$65,000	\$1,048,500	\$1,223,500	\$9,484	
Shaktolik	230	1991	Washeteria Renovation	300,000	0	0	300,000		Renovate washeteria including new hydronic system, new electrical, new washers and dryers	C
		1993	Maintenance Equipment	210,000	0	0	210,000		Purchase heavy equipment for the city to operate their water, sewer and solid waste facilities	C
		1996	Village/School Sewage System Study	111,516	0	0	111,516		Study to review options for the community's septic system and drain field that are failing	C
		2003	Landfill and Septic Sludge Pit Study	18,800	56,200	0	75,000		Study landfill relocation and preliminary design for septic sludge pit and access road	
					\$640,316	\$56,200	\$0	\$696,516	\$3,028	
Shishmaref	562	1994	Water and Sewer Project, PH I	0	0	1,158,000	1,158,000		Construct a 1,500,000-liter WST and provide a trucked water and sewer haul system to serve 20 homes, and improve facilities for 134 homes	C
		1995	Water/Sewer System Design/Construction	175,000	175,000	0	350,000		Construct truck haul water and sewer system for the community	C
		1995	Water and Sewer Project, PH II	0	0	289,000	289,000		Install plumbing to 12 homes to be compatible with the existing water and sewer haul system	C
		1996	Honey Bucket Haul System	216,000	264,000	0	480,000		Design new water source and upgraded water treatment system; re-paint existing 300,000 gallon water storage tank; install plumbing and flush-haul holding tanks in 10 houses	C
		2001	Water and Sewer	0	0	265,000	265,000		Provide flush and haul plumbing.	
		2002	Water System	0	0	800,000	800,000		Improve water source catchment basin and upgrade WTP.	
		2003	Washeteria	0	0	102,695	102,695		Renovate existing washeteria.	
					\$391,000	\$439,000	\$2,614,695	\$3,444,695	\$6,129	
Shungnak	256	1985	Water System	30,000	0	0	30,000		Install heat trace on raw water transmission main and upgrade the wet well	C
		1987	Water/Sewer	363,600	0	0	363,600		Construct water treatment plant improvements; pumps & controls, water source line improvements, new water infiltration gallery, electrical power upgrades, & minor sewage lagoon dike improvements	C
		1994	Development	0	0	75,000	75,000		USDA-Direct	
		1998	Feasibility Study Water/Sewer Upgrade	37,500	37,500	0	75,000		Complete master plan to develop water and sewer alternatives for the community; completed 11/98	C
		1999	Water and Sewer	0	0	50,000	50,000		Water and sewer service to one home	
		2000	Sanitation Facilities Construction	0	0	1,247,000	1,247,000		Construct a new raw water intake, renovate the raw water transmission line and upgrade the existing WTP.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2002	Water and Sewer improvements	146,300	438,700	0	585,000		Replace lift station and force main with gravity sewer lines, and improve lagoon borms	
		2002	Water and Sewer System	0	0	467,000	467,000		Install water and sewer service lines, water and sewer mains.	
		2003	Water Treatment Plant/Storage Facility	437,500	1,312,500	0	1,750,000		Construct water storage tank and water treatment plant.	
		2003	Service Connections	0	0	100,000	100,000		Install water and sewer service lines to homes.	
		2004	Water Source Feasibility Study	32,500	97,500	0	130,000		Assess and recommend a new community water supply.	
				\$1,047,400	\$1,886,200	\$1,939,000	\$4,872,600	\$19,034		
Slana	124	1998	Sanitation Feasibility Study	19,726	19,726	0	39,452		Study to address water and sewer alternatives; recommend individual wells and septic systems; completed 4/99	C
				\$19,726	\$19,726	\$0	\$39,452	\$318		
Sleetmute	100	1998	Sanitation Master Plan	87,500	87,500	0	175,000		Feasibility study to investigate alter; natives to using honey buckets; completed 9/00	C
		2003	Water and Sewer	0	0	500,000	500,000		IHS AN03N27. Construct interior plumbing in 20 homes.	
		2003	Water/Sewer Improvements, PH I	448,700	1,346,100	360,000	2,154,800		Upgrade water treatment plant. Construct water distribution line and 22 service lines. Plumb 11 homes and 7 on-site waste systems.	
		2004	Water and Sewer Improvements, PH II	542,600	1,627,500	0	2,170,100		Install piped water and septic systems and wells and septic. Upgrade fire protection.	
				\$1,078,800	\$3,061,100	\$860,000	\$4,999,900	\$49,999		
South Naknek	137	1993	Water System, PH I & II	0	0	745,000	745,000		Provide service to 8 homes from the community system, 14 individual wells, service to 29 homes from the community sewer system, construction of a new lift station, a sludge disposal facility and repairs to the existing outfall.	C
		1994	Water System, PH III	0	0	592,000	592,000		Connect 14 homes to water and sewer	C
		1995	Water Facilities Construction	0	0	600,000	600,000		Water main, 10 well completions, 2 community wells, upgrade pump house. Wastewater facilities; 2 lift stations and an individual septic system; USDA Direct	C
		1995	Water/Sewer System Design/Construction	600,000	0	0	600,000		Provide water to 30 houses, 14 houses with individual wells and 8 connected to the community water system; extend community sewer to 29 houses	C
		1998	Water System	0	0	530,000	530,000		Funding to complete Phases I, II and III	C
		2000	Wastewater Outfall	0	0	150,000	150,000		Replace broken outfall	
		2001	CWA-ISA	0	0	655,400	655,400			
		2002	Sewer System	0	0	50,000	50,000		Design and install on-site septic system.	
		2003	Lagoon Expansion	0	0	875,400	875,400		Expansion of the existing lagoon.	
				\$600,000	\$0	\$4,197,800	\$4,797,800	\$35,020		
SE Scattered		2003	Water and Sewer	\$0	\$0	\$250,000	\$250,000		IHS Housing. Service connections for 10 homes.	
				\$0	\$0	\$250,000	\$250,000			
Statewide Scattered		1999	Water and Sewer	\$0	\$0	\$1,000,000	\$1,000,000		IHS Housing. Water and sewer service lines.	
		2000	Water and Sewer	\$0	\$0	\$900,000	\$900,000		IHS Housing 580,000 IHS Reg 320,000. Water and sewer service lines.	
		2001	Water and Sewer	\$0	\$0	\$1,080,000	\$1,080,000		IHS Housing. Water and sewer service lines.	
		2002	Water and Sewer	\$0	\$0	\$1,000,000	\$1,000,000		IHS Housing. Water and sewer service lines.	
		2002	Water and Sewer	\$0	\$0	\$1,080,000	\$1,080,000		IHS Housing. Water and sewer service lines.	
Stebbins	547	1990	Landfill Upgrade	150,000	0	0	150,000		Evaluate and select a permanent waste disposal site; implement honey bucket haul system	C
		1992	Honey Bucket Access Road	38,000	0	0	38,000		Construct access road to the solid waste disposal site	C
		1994	Planning	0	0	30,000	30,000		Survey, site control, soils investigation	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Stevens Village		1994	Water and Sewer Improvements	0	0	670,000	670,000		Renovate washeteria and expand honey bucket haul system to serve 25 homes	C
		1996	Water/Sewer Improvements	389,329	389,329	0	778,658		Design piped water and sewer system; purchase materials for insulated water transmission main	C
		1997	Water and Sewer	0	0	500,000	500,000		New WTP and an above ground, insulated raw water line connecting the water source to the WTP	C
		1997	Water Treatment Plant Improvements	0	0	380,000	380,000		WTP improvements, O&M training	C
		1998	Water/Sewer System	603,000	603,000	0	1,206,000		Design and construct insulated water transmission main from water source to treatment plant	C
		1998	Water Treatment Plant Improvements	0	0	1,274,000	1,274,000		Vacuum plant addition to a WTP with structural improvements to WTP	C
		1998	Water and Sewer	0	0	700,000	700,000		Construction of a force main	C
		1999	Sewer System	0	0	700,000	700,000		Construct 5,600' of 4" force main to the sewage lagoon.	
		2003	Water Source Improvements	0	0	147,148	147,148		IHS Housing Funds; Well Drilling.	
		2003	Water System	0	0	496,250	496,250		IHS AN03N32. Provide heat and generator. Install insulated raw water line and repair water storage tank.	
		2003	Washeteria	0	0	884,978	884,978		Construct new washeteria.	
		2004	Water and Sewer Facilities	747,500	2,242,500	0	2,990,000		Complete vacuum sewer plant, water treatment plant and lagoon.	
				\$1,927,829	\$3,234,829	\$10,842,376	\$16,005,034	\$29,260		
	87	1991	ANTHC	0	0	645,000	645,000		Data Not Available	
		1994	Dump Site Study	34,573	0	0	34,573		Study to locate a new solid waste site; clean-up and consolidate two older dump sites	C
		1995	Landfill	0	0	55,000	55,000		USDA-Direct	
		1998	Landfill Heavy Equipment	45,463	45,463	0	90,926		Purchase dozer for Landfill Maintenance	C
		2001	Sanitation Master Plan and Landfill design	47,500	142,500	0	190,000		Feasibility study to address water and sewer; preliminary design of selected landfill site	
		2003	Washeteria	0	0	40,000	40,000		New Washeteria planning.	
				\$127,536	\$187,963	\$740,000	\$1,055,499	\$12,132		
Stony River	61	1986	Water and Sewer Improvements	25,000	0	0	25,000		Deepen individual wells; provide improved sanitary seals, install electric well pumps	C
		1993	Water and Solid Waste	50,000	0	0	50,000		Construct improvements to the washeteria / water treatment plant to reduce heating costs; provide improved sanitary seals on individual wells; install well pumps	C
		1995	Wastewater disposal study	0	5,999	0	5,999		Feasibility study of wastewater disposal options; completed 9/95 VSW-ISA	C
				\$75,000	\$5,999	\$0	\$80,999	\$1,328		
Takotna	50	1983	Water	25,000	0	0	25,000		Drill water wells and construct nine small water systems to serve individual homes	C
		1983	Sewage Disposal Study	100,000	0	0	100,000		Study to investigate the feasibility of on-site wastewater disposal for 12 homes	C
		1998	Safe Water Study	61,300	61,300	0	122,600		Feasibility study to investigate alternatives to eliminate water haul and honey buckets	C
		2003	Water Treatment System	0	0	237,000	237,000		IHS AN03N55. Replace sand filters and microfilter.	
				\$186,300	\$61,300	\$237,000	\$484,600	\$9,692		
Talkeetna	772	1987	Water/sewer system	927,134	0	0	927,134		Feasibility study & design for piped water and sewer service	C
		1990	Water/Sewer	650,220	0	0	650,220		Construction of wastewater treatment facility	C
		1992	93 Eastside Water and Sewer	694,786	0	0	694,786		installation of wells and water and sewer lines	C
		1992	92 Eastside Water and Sewer	1,257,133	0	0	1,257,133		Construction of water and sewer lines	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status	
Tanacross		1993	Eastside Water/Sewer	726,170	0	0	726,170		Construction of water and sewer lines	C	
				\$4,255,443	\$0	\$0	\$4,255,443	\$5,512			
	140	1994	Planning	0	0	60,000	60,000		Planning of sanitation facilities, engineering study	C	
		1995	Water and Sewer improvements	0	0	165,000	165,000		Planning, design and construction for water and sewer improvements	C	
		1996	Water and Sewer improvements	0	0	697,000	697,000		A community septic tank and drain field with gravity sewer line and force main	C	
		1999	Sewer Improvements	611,500	611,500	0	1,223,000		Design and construct approximately 6,000-ft. of sewer main, 1,900-ft. of sewer force main, one lift station and a community septic system with backup drain field	C	
		2000	Water Facility Improvements	733,333	1,466,667	0	2,200,000		Construct water storage tank, repair water treatment plant, refurbish washeteria, extend water and sewer mains on First, Second and Third Avenues, and install service lines to 35 homes	C	
		2003	Water Facility Improvements	550,000	1,650,000	0	2,200,000		Install water distribution lines, hydrants. Upgrade water treatment plant and washeteria.		
		2003	Service Connections	0	0	120,000	120,000		Service line from community systems to 3 homes.		
Tanana		2004	Sanitation Feasibility Study Update	25,000	75,000	0	100,000		Provide a plan for water, sewer, solid waste and sludge disposal.		
				\$1,919,833	\$3,803,167	\$1,042,000	\$6,765,000	\$48,321			
	308	1989	Water Plant Upgrade	97,000	0	0	97,000		Data Not Available	C	
		1995	Sanitation Facilities Design/Construction	338,800	338,800	0	677,600		Feasibility study to address upgrade of piped water and sewer system	C	
		1995	Water and Sewer	0	0	1,454,000	1,454,000		Construction of a Washeteria/WTP, replace effluent line.	C	
		1997	Piped Water/Sewer PH I	550,000	550,000	0	1,100,000		Construct sewage lagoon and effluent line	C	
		1998	Water Improvements	275,000	275,000	0	550,000		Construct new water treatment plant and laundry	C	
		1999	Water and Sewer	0	0	950,000	950,000		Plumbing and equipment for washeteria and WTP, sewer main and water storage tank	C	
		2000	Sanitation Improvements, PH II	500,000	1,500,000	0	2,000,000		Construct piped water and sewer for half of downtown and install plumbing for 40 homes		
		2001	Sanitation Improvements	450,000	1,350,000	0	1,800,000		Construct piped system for the other half of downtown, plumbing for 40 homes		
		2001	Water and Sewer System	0	0	1,311,000	1,311,000		Construction of a water and wastewater distribution system.		
		2003	Water and Sewer	450,000	1,350,000	0	1,800,000		Complete water and sewer piping downtown. Plumb 50 homes. Update feasibility study.		
		2004	Sanitation Improvements	725,000	2,175,000	0	2,900,000		Connect 15 homes and construct 6600' of force mains.		
					\$3,385,800	\$7,538,800	\$3,715,000	\$14,639,600	\$47,531		
	Tatitlek	107	1997	Water Project	0	0	594,652	594,652		Development of a new water source and construction of a water storage tank.	C
		1999	Water Storage Tank	0	0	346,000	346,000		Water storage tank, access trail to tank site.	C	
		1999	Water Project	0	0	150,000	150,000		Water service connection to 2 HIP Homes	C	
		2000	Water Project	363,333	726,667	0	1,090,000		Construct new water treatment plant, rehabilitate intake structure, replace water main		
		2002	Sewer System	0	0	246,000	246,000		Purchase septic pumping and sewer cleaning equipment, replace community septic tank, gravity sewer mains, sewer service connections and manholes.		
		2003	Water and Sewer	0	0	32,000	32,000		IHS Housing. Service connections for 3 homes.		
		2003	Sewer System	0	0	164,510	164,510		IHS 16,310 CWA 148,200 AN03N51. Construct sludge disposal site. Replace 900' sewer main and 6 manholes and install 2 new community septic tanks.		
					\$363,333	\$726,667	\$1,533,162	\$2,623,162	\$24,516		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Telida	3	1987	Safe Water Study	9,950	0	0	9,950		Study to address water supply in the community; recommend individual wells & hand pumps; completed 12/86	C
		1988	Watering Point	708	0	0	708		Construct an all-weather community watering point	C
				\$10,658	\$0	\$0	\$10,658	\$3,553		
Teller	268	1996	Water and Sewer System Feasibility Study	125,000	0	0	125,000		Study to address water and sewer alternatives; 19 new HUD housing units have no system; completed 10/96	C
		1997	Piped Water and Sewer PH I	125,000	125,000	0	250,000		Develop water source, drill exploratory wells and design sewer system	C
				\$250,000	\$125,000	\$0	\$375,000	\$1,399		
Tetlin	117	1990	Sewer Project	20,000	0	0	20,000		Close-out old BIA sewage lagoon and construct new well house including well thaw wire	C
		1996	Water/Sewer Feasibility Study	50,000	0	0	50,000		Study to evaluate water and sewer alternatives; haul system with washeteria recommended; completed 5/99	C
		1996	Sanitation Improvements	0	0	313,000	313,000		Washeteria renovation	C
		1998	Piped Water/Pressure Sewer PH II/VI	925,000	925,000	0	1,850,000		Construct new washeteria and water treatment plant; demolish old washeteria and water treatment plant; drill new well and construct transmission line improvements	C
		2000	Sanitation Improvements	0	0	947,000	947,000		Construct a secondary lagoon cell, equipment storage facility and WST refrigerated foundation	
		2002	Sanitation improvements	393,800	1,657,200	427,000	2,478,000		Construct residential truck haul water and wastewater systems for 36 homes; construct water and sewer service to health clinic and community building.	
		2003	Water and Sewer	0	0	381,000	381,000		IHS Housing. Service connections for 19 homes.	
Thorne Bay	557			\$1,388,800	\$2,582,200	\$2,068,000	\$6,039,000	\$51,615		
		1985	Solid Waste	95,000	0	0	95,000		Construct solid waste baler facility (constructed in 1994-1995)	C
		1985	Sewer Improvements	183,000	0	0	183,000		Finish construction of new sewer treatment plant (constructed in 1992-1993)	C
		1987	Water Tank, Lines	181,800	0	0	181,800		Construct new water transmission main from water source to the water treatment plant	C
		1988	Water System	299,000	0	0	299,000		Construct water storage tank, begin new water treatment plant; replace water mains in town	C
		1989	Water Treatment Plant/Hemlock Loop	300,000	0	0	300,000		Finish construction of new water treatment plant; construct water mains in Hemlock Loop Area	C
		1990	Water, Sewer, Solid Waste	600,000	0	0	600,000		Design and construct lift station, force main and ocean outfall; design sewer treatment plant	C
		1991	Sewer Rehabilitation	546,000	0	0	546,000		Install sewer mains on north side of town; develop treatment plant site and extend utilities	C
		1992	Sewer Improvements	550,000	0	0	550,000		Begin construction of new sewer treatment plant	C
		1993	Sewer Improvements	1,043,109	0	0	1,043,109		Construct 2 additional lift stations and install sewer mains on south side of town	C
		1993	Solid Waste	206,891	0	0	206,891		Finish new sewer treatment plant; design and begin construction of solid waste site	C
		1994	Sewer Replacement	655,000	0	0	655,000		Install sewer mains, south side of community; design and construct R-V dump station	C
		1995	Sewer/Solid Waste Project Completion	75,000	0	0	75,000		Finish construction of solid waste site and solid waste baler facility	C
		1998	Water Project Feasibility Study/Design	26,000	26,000	0	52,000		Thorne Bay; completed 10/98; water treatment system study completed 8/02	C
		Togiak	809			\$4,760,800	\$26,000	\$0	\$4,786,800	\$8,594
1989	Water Storage/Electricity			100,000	0	0	100,000		No Data Available	C

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1990	Tank, Service Connections	250,000	0	0	250,000		Construct 500,000 gallon water storage tank and provide service connections to 14 houses	C
		1991	Water and Sewer improvements	0	0	1,200,000	1,200,000		Extend water and sewer mains to provide services for 13 houses and replace 8700' of transmission line and water distribution line	C
		1991	Water and Sewer improvements	0	0	300,000	300,000		Additional funding for water and sewer mains to service 13 houses and replacing 8700' of transmission line and water distribution line	C
		1992	Water/Sewer Construction	257,000	0	0	257,000		Extend water and sewer service to the airport subdivision	C
		1993	Water and Sewer	80,000	0	0	80,000		Upgrade West Togiak sewer system and install water service lines to 21 houses	C
		1994	Water and Sewer improvements	0	0	952,000	952,000		Improve sewer system and upgrade sewer facilities in W. Togiak including the installation of 14 new water and sewer services	C
		1994	Sewer System Design/Construction PH II	348,000	0	0	348,000		Construct 1,025 ft. sewer main extension and install sewer service lines to 21 houses	C
		1995	Water and Sewer	0	0	384,000	384,000		Construct individual wells, pressure systems and on-site septic systems for 8 housing units	C
		1998	Water/Sewer System Repair and Upgrade	200,000	200,000	0	400,000		Install water and sewer lines to 10 new homes, clean and repair manholes, repair 19 fire hydrants, and provide miscellaneous repairs to the water plant including valve replacement	C
		1999	Solid Waste Project	1,075,000	1,075,000	0	2,150,000		Construct new landfill and access road; close old landfill	C
		2000	Sewage Lagoon Upgrade Study	16,667	33,333	0	50,000		Comprehensive study of upgrading the sewage lagoon in the community	C
		2002	Wastewater treatment improvements	335,200	1,005,500	0	1,340,700		Replace force main from pump station to lagoon. Upgrade existing structure, lagoon berms, and install new fencing at lagoon	
				\$2,661,867	\$2,313,833	\$2,836,000	\$7,811,700	\$9,656		
Toksook Bay	532	1987	Safe Water Study	6,457	0	0	6,457		Study conversion of existing city building to a washeteria to provide central laundry facilities; completed 12/86	C
		1988	Washeteria	160,000	0	0	160,000		Design conversion of existing city building to a washeteria; purchase materials	C
		1989	Washeteria	3,543	0	0	3,543		Continue to construct washeteria conversion	C
		1990	Water System Facility	100,000	0	0	100,000		Continue to construct washeteria conversion	C
		1991	Washeteria/Water Treatment	115,000	0	0	115,000		Finish construction of washeteria conversion	C
		1992	Water and Sewer Improvements	0	0	880,000	880,000		Renovation of the WTP, construction of a 212,000-gallon water storage tank, replacement of 400' of sewer main, 3 water/sewer service connections.	C
		1993	Water System Improvement	150,000	0	0	150,000		Conduct hydrogeologic and geophysical study; develop groundwater source	C
		1994	Water and Sewer Improvements	0	0	118,000	118,000		Renovation of the WTP, construction of a 212,000-gallon water storage tank, replacement of 400' of sewer main, 3 water/sewer service connections.	C
		1995	Sanitation Facilities	0	0	150,000	150,000		USDA-Direct	
		1996	Water and Sewer Improvements	0	0	1,914,000	1,914,000		WTP, sewer pipe and lift station improvements and an access road to the community water source	C
		1996	Water Supply/Septic Tanks	711,300	0	0	711,300		Renovate and upgrade existing water treatment plant and lift station; install water and sewer services to 13 houses; plumb 13 houses	C
		1999	Water and Sewer Improvements	0	0	450,000	450,000		Replace 975' of force main and the lift station plumbing header	
		2000	Water Improvements	0	0	160,000	160,000		Water line leak repairs, water well testing, residential plumbing leak repair	
		2001	Water and Sewer System	0	0	450,000	450,000		Construct a force main and lift station modifications.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2003	Water Supply	0	0	643,740	643,740		SDWA AN 03-N39 Install access road and water line. Plumb well and connect to water treatment plant.	
		2003	Service Connections	0	0	120,000	120,000		Install water and sewer service lines to homes.	
		2003	Comprehensive Utilities Plan	18,800	56,200	0	75,000		Study sanitation service needs	
				\$1,265,100	\$56,200	\$4,885,740	\$6,207,040	\$11,667		
Tuluksak	428	1992	Water, Sewer and Solid Waste Study	50,000	0	0	50,000		Study to determine how community should progress from honey buckets to flush toilets; completed 6/95	C
		1995	Wastewater Improvements	0	300,000	0	300,000		Closed sewage disposal pits, rehab washeteria, honey bucket collection system, lagoon design. VSW-ISA	C
		1996	Wastewater Improvements	0	288,262	0	288,262		Closed sewage disposal pits, rehab washeteria, honey bucket collection system, lagoon design. VSW-ISA	C
		2002	Water Treatment Plant	0	0	20,000	20,000		Install heat equipment.	
Tuntutuliak		2003	Water and Sewer	0	0	1,112,100	1,112,100		Construct raw water line from wells to proposed WTP, new honey bucket disposal lagoon, including access road and drill new well. Rehab existing WTP and close sewage bunkers.	
		2003	Water Storage	0	0	512,520	512,520		SDWA AN03N30. Construct water storage tanks.	
		2003	Water/Sewer, PH I	591,100	1,773,000	0	2,364,100		Construct 2 wells, raw water line, lift station, force main to lagoon, lagoon access, and water plant design.	
		2004	Sanitation Facilities, PH II	500,000	1,500,000	0	2,000,000		Construct iron removal plant and maintenance building.	
				\$1,141,100	\$3,861,262	\$1,644,620	\$6,646,982	\$15,530		
	370	1985	Sanitation Facilities	8,089	0	0	8,089		No record in the files other than "VSW Priority List: Projects"	C
		1993	Waste disposal study/watering point	50,000	0	0	50,000		Feasibility study of water, sewer and solid waste alternatives for the community; completed 12/93	C
		1995	Wastewater	0	859,000	990,000	1,849,000		VSW-ISA	C
		1996	Flush Tank/Haul System	225,000	275,000	0	500,000		Construct new landfill, new sewage lagoon, new 4-mile sanitation boardwalk with bridges and floats, connect 33 homes with flush-haul tanks and low-flow bathroom fixtures & plumbing.	C
		1997	Water and Sewer Improvements	0	0	200,000	200,000		Individual housing tanks for 30 homes and water and sewage haul trailers	C
Tununak		1998	Water and Sewer Project	750,000	750,000	0	1,500,000		Install flush-haul systems in 29 additional homes	C
		1998	School Sewage Disposal Study (LKSD)	57,500	57,500	0	115,000		Study new alternatives for wastewater disposal from the school and teacher housing	C
		2001	Water and Sewer Project	70,000	210,000	0	280,000		Install flush-haul systems in 14 additional homes	
		2003	Water/Sewer	351,400	1,054,000	0	1,405,400		Build 14 bathroom additions and garage change room. Upgrade washeteria, haul units, and boardwalk. Purchase pumper unit	
				\$1,511,989	\$3,205,500	\$1,190,000	\$5,907,489	\$15,966		
	325	1989	ANTHC	0	0	275,000	275,000		Data Not Available	C
		1995	Sanitation Improvements	595,700	595,700	0	1,191,400		Install 4 flush-haul systems; construct sewage disposal improvements; relocate surface water intake to Muskox Creek	C
		1995	Wastewater	0	132,000	0	132,000		VSW-ISA	C
		1997	Flush Tank and Haul/Water Delivery	489,500	489,500	0	979,000		Install additional flush-haul units in 14 houses plus the health clinic; provide improvements in the mechanical room of the washeteria; install water line to Muskox Creek	C
		2000	Flush Tank and Haul	271,667	543,333	0	815,000		Install additional flush-haul units in 30 houses; project currently on-hold due to city problems	
	2001	Flush Tank and Haul, Washeteria Project	208,597	625,790	980,000	1,814,387		Install additional flush-haul units in 40 houses; upgrade public area of washeteria; project currently on-hold due to city fiscal problems		

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
Twin Hills		2004	Washeteria Facility Plan	32,500	97,500	0	130,000		Evaluate existing water treatment plant, washeteria, water tank and watering points.	
				\$1,597,964	\$2,483,823	\$1,255,000	\$5,336,787	\$16,421		
	69	1994	Water and Sewer Improvements	0	0	333,000	333,000		Install lines to serve 6 homes with water and sewer service, upgrade plumbing appurtenances inside the WTP and repair insulation around the water storage tanks	C
		2000	Water and Sewer Improvements	0	0	10,000	10,000		Water and sewer service lines to 2 houses.	
		2001	Water, Sewer, Solid Waste Master Plan	25,000	75,000	0	100,000		Study to address repair / replacement of old water and sewer system and solid waste options.	
		2002	Water Supply	0	0	5,000	5,000		Redevelop well and install well pump, valves and fittings.	
		2002	Water and Sewer	0	0	20,000	20,000		Install water and sewer service risers and service lines.	
		2003	Water Source Study and Test Drilling	42,500	127,500	0	170,000		Carry out hydrologic study and drill test wells.	
Tyonek				\$67,500	\$202,500	\$368,000	\$638,000	\$9,246		
	193	1985	Water/Sewer	42,900	0	0	42,900		Construct sewer service lines to replace septic systems for 27 houses in the Indian Creek Sub.	C
		1991	Sewer Project	0	0	350,000	350,000		USDA-Direct	C
		1992	Water/Sewer PH III	742,000	0	0	742,000		Construct sewer collector from Indian Creek Subdivision	C
		1994	Development	0	0	10,000	10,000		USDA-Direct; Architect/Engineer planning	C
		1995	Development	0	0	9,260	9,260		USDA-Direct	C
		1997	Water/Sewer Feasibility Study	67,500	0	0	67,500		Study options for water treatment and wastewater disposal; completed 5/00	C
		2003	Water and Sewer	0	0	150,000	150,000		IHS Housing. Service connections for 10 homes.	
		2003	Well Test Pumping and Pilot Filter Study	25,000	75,000	0	100,000		Assess water source.	
		2004	Water and Sewer Improvements	468,800	1,406,200	0	1,875,000		Construct water treatment plant and well, upgrade water tank, water system, service lines and outfall. Purchase pump truck.	
Unalakleet				\$1,346,200	\$1,481,200	\$519,260	\$3,346,660	\$17,340		
	747	1989	Water and Sewer Improvements	0	0	611,000	611,000		Connect 15 houses to city water and sewer facilities, upgrade portions of existing facilities	C
		1990	Dumpsite Improvement	320,000	0	0	320,000		Solid waste facility study completed 12/90; designed baler and balefill facilities	C
		1992	Solid Waste	1,414,000	0	0	1,414,000		Construct solid waste baler and remote balefill facilities; constructed 6/96	C
		1993	Airport Utilities Project	1,366,000	0	0	1,366,000		System expansion; construct circulating water main loop with water services and flush hydrants to serve airport facilities; construct sewer collection mains, lift station and services	C
		1995	Waste and Water Disposal	0	0	608,000	608,000		USDA-Direct	C
		1995	Water Treatment Improvements	239,400	239,400	0	478,800		New water filtration system installed in existing water treatment plant; completed 1996	C
		1997	Baler Storage Extension	262,500	262,500	0	525,000		Construct extension to existing cold storage building for bale storage in winter	
		2000	Water Storage Tank Rehabilitation/Water Treatment Plant Rehabilitation	65,000	195,000	0	260,000		Replace copper piping with steel pipe; cathodic protection system for water storage tank	
		2002	Water source feasibility study	25,000	75,000	0	100,000		Feasibility study to enhance existing water supply	
		2004	Sanitation Facilities Master Plan Upgrade	25,000	75,000	0	100,000		Update existing water, sewer and solid waste master plan.	
Upper Kalskag				\$3,716,900	\$846,900	\$1,219,000	\$5,782,800	\$7,741		
	230	1985	Water/Wastewater	15,351	0	0	15,351		Construct sludge pit for disposal of septage	C
		1989	Water and Sewer Plan	4,649	0	0	4,649		Feasibility study to address water and sewer options for the community; completed 11/88	C

Community	Pop.	FY.	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		1995	Water and Sewer	0	0	830,000	830,000		Upgrade of existing lagoon and construction of a second lagoon cell, a lagoon access road and fencing. Install individual wells.	C
		1995	Wastewater	0	384,000	0	384,000		VSW-ISA	C
		1996	Water and Sewer improvements, Phase I	285,900	285,900	0	571,800		Drilled 32 individual wells and installed water and sewer service to 32 homes, constructed approximately 5,000 ft. of sewer main, 19 manholes and sewer lift station	C
		1996	Wastewater	0	1,091,000	0	1,091,000		VSW-ISA	
		1996	Lagoon Improvements	0	0	309,300	309,300		USDA-Direct	C
		1997	Water and Sewer improvements, Phase II	893,500	893,500	0	1,787,000		Construct sewage lagoon, fence and access road; construct pile-supported insulated sewer force main from lift station to sewage lagoon; sewer service connections to 9 additional homes	C
		1999	Morgan Senior HS Sewer Study (KSD)	37,500	37,500	0	75,000		Pre-design report to evaluate cost of extending sewer collection system to the high school and 5 additional buildings down river from the main part of the community	C
		2003	Public Watering Point Study	37,500	112,500	0	150,000		Assess water supply and drill test wells.	
				\$1,274,400	\$2,804,400	\$1,139,300	\$5,218,100	\$22,687		
Venetie	202	1985	Water Rehabilitation	18,655	0	0	18,655		Water distribution system rehabilitation	C
		1986	Water and Sewer Improvements	220,000	0	0	220,000		Water treatment and distribution system rehabilitation	C
		1995	Water and Sewer Improvements	0	0	1,120,000	1,120,000		Renovation of water storage tank, lagoon, sewer, and landfill design	C
		1997	Water/Sewer Haul System	409,000	409,000	0	818,000		Feasibility study to address water and sewer options; flush tank and haul demo project	C
		1997	Water Project	0	0	620,000	620,000		Installation of a 428,000-gallon water storage tank	
		2002	Sanitation master plan	37,500	112,500	0	150,000		Prepare sanitation facilities master plan/feasibility study; completed 6/01	C
		2003	Water and Sewer	0	0	1,334,200	1,334,200		Drill new well and construct 2-cell lagoon, lift station, water main, and force main. Rehab WTP.	
		2003	Washeteria	0	0	159,001	159,001		Renovate existing washeteria.	
				\$685,155	\$521,500	\$3,233,201	\$4,439,856	\$21,979		
Voznesenka		1996	Water/Sewer Feasibility Study	70,000	0	0	70,000		Study to evaluate water supply and sewage disposal options for community; completed 12/98	C
		2000	Water System	566,667	1,133,333	0	1,700,000		Drill well and construct water treatment plant, storage tank and water distribution system	
		2004	Community Safe Water Expansion Feasibility Study	25,000	75,000	0	100,000		Evaluate existing and alternative water systems for the village and Kachemak Selo	
				\$661,667	\$1,208,333	\$0	\$1,870,000			
Wainwright	546	1993	Water Project	0	0	415,270	415,270		Raw water intake structure and pump unit	C
		1995	Water/Sewer System Construction	750,000	0	0	750,000		Purchase extended aeration packaged plant for sewer treatment plant	C
		1997	(NSB) Washeteria Design /Construction	1,185,000	1,375,000	0	2,560,000		Purchase ultra-nano filtration system for water treatment plant	C
		1998	Water/Sewer	440,000	440,000	0	880,000		Purchase pipe for water distribution system and sewer collection system	C
		2002	IHS-Reg	0	0	100,000	100,000			
				\$2,375,000	\$1,815,000	\$515,270	\$4,705,270	\$8,618		
Wales	152	1997	Water/Sewer Feasibility Study	123,700	0	0	123,700		Study to include well drilling to find an acceptable groundwater source for the community	C
		1997	Planning	0	0	211,400	211,400		Drill up to 2 exploratory wells. Complete a water and sewer facilities plan	C
		2003	Water Supply	0	0	112,986	112,986		Construct pump house with watering point and install power line to the well site.	

Community	Pop.	FY	Project	State	Federal	Other	Total	Per Capita	Scope	Status
		2004	Water Transmission Line	60,000	180,000	0	240,000		Construct 5200' raw water transmission line and well structure.	
				\$183,700	\$180,000	\$324,386	\$688,086	\$4,527		
Whale Pass	58	1999	Fresh Water, Sewer, Solid Waste Study	37,500	37,500	0	75,000		Study to evaluate water, sewer and solid waste disposal alternatives for the community; completed 10/99	C
				\$37,500	\$37,500	\$0	\$75,000	\$1,293		
White Mountain	203	1991	Water and Sewer Improvements	0	0	950,000	950,000		Complete community sewer system and water system improvements	C
		1992	Water and Sewer Improvements	617,000	350,000	3,387,000	4,354,000		Drill well and construct water transmission main, plumbing for 40 houses and the school and the community building; construct sewage lift station and force main	C
		2001	Landfill Water Quality Protection 5 year Plan	1,875	5,625	0	7,500		Feasibility study and planning to locate new solid waste landfill	
		2002	Sanitation facilities plan upgrade	20,000	60,000	0	80,000		Design long range sewer and water needs due to expanding capacity requirements	
		2002	Service Connections	0	0	140,000	140,000		Install water and sewer service laterals.	
		2004	Water and Sewer Expansion and Improvements	127,500	382,500	0	510,000		Install service to 8 homes and sewer line to school. Upgrade water treatment plant and water tank.	
				\$766,375	\$798,125	\$4,477,000	\$5,531,500	\$27,249		
Whittier	182	1990	Drinking Water/Landfill Evaluation	100,000	0	0	100,000		Water distribution study completed 1990, recommends replacing existing mains; Phase I solid waste transport study completed 1/92	C
		1990	Landfill Study	15,000	0	0	15,000		Phase II solid waste transport study completed 9/92	C
		1993	Community Water System	1,500,000	0	0	1,500,000		Completed water reservoir investigation study 12/94; installed new water mains and fire hydrants in core area of Whittier to the well houses, completed 1993	C
		1994	Water System Reconstruction	849,000	0	0	849,000		Construct new water mains to small boat harbor, railroad yard and along Blackstone Road, completed 1994	C
		1995	Water System Improvements	492,500	492,500	0	985,000		Construct water mains to reservoir and install liner in reservoir; completed 1995	C
		1996	Water/Sewer System Improvements	246,300	246,300	0	492,600		Construct new water chlorination facility; completed 1996	C
		1998	Sewer System Improvements	617,000	617,000	0	1,234,000		Construct 2 lift stations and replace existing septic tanks with larger tanks	C
		1999	Sewer System Improvements	425,000	425,000	0	850,000		Construct replacement sewer mains and services in core area of Whittier	C
		2000	Sewer System Improvements	356,000	712,000	0	1,068,000		Resurface torn-up roads with asphalt pavement; provide drainage, gutters and sidewalks	C
		2004	Water Master Plan Update and Water Source Feasibility Study	41,300	123,700	0	165,000		Update existing Master Plan.	
				\$4,642,100	\$2,616,500	\$0	\$7,258,600	\$39,882		

Alaska Housing Finance Corporation  
Executive Budget Summary  
"Results Oriented"

FY2001 Budget

Capital Budget

Summary

# Capital Budget

FY2005 Capital Projects Narrative

6 Year Capital Budget Plan

FY2005 Capital Projects List

FY2004 Capital Projects List

FY2003 Capital Projects List

FY2002 Capital Projects List

FY2001 Capital Projects List

FY2000 Capital Projects List

FY1999 Capital Projects List

FY1998 Capital Projects List

## ❖ Capital Budget

The Capital Budget is a plan for the distribution of AHFC's financial resources for items that have an anticipated life exceeding one year, and the cost exceeds \$25,000. Unlike the Operating Budget which lapses at the end of one year, capital budget appropriations lapse only if funds remain after the project is completed, and/or if funds are lapsed administratively or legislatively, usually after five years.

AHFC Capital Improvement Projects (CIP) reflects the needs of the Corporation and the pursuit of its mission through the Goals and Objectives of the Corporation's Strategic Plan. The Corporate departments have reviewed prior year's Capital budgets to determine if there are any unfinished projects/programs that are on going, need additional funds to be completed, or should be extended.

This Capital Budget was developed by AHFC staff and recommended for inclusion in the Governor's budget submission to the Legislature. Each project/program has been reviewed and prioritized by the Budget and Housing Policy Committee and presented to the Board of Directors for approval. The Board passed a resolution on November 5, 2003 approving this budget and instructed the Executive Director to submit the budget to the Governor's Office of Management and Budget (OMB) through the Department of Revenue.

### FY2005 Budget Summary Request

		*** Draft ***			
		Initial Governor's Budget Request			
		FY2005 Capital Budget Request			
		(as of March 3, 2004)			
		Federal	Other	Corp	Total
<b>Programs/Projects</b>					
Total AHFC FY2003 Net Income:				\$47,077.0	
<b>Transfer Type Funding</b>					
UAA Student Issg Debt Service (FY1999 - FY2024)			\$1,000.0		\$1,000.0
State Capital Project Bonds (FY1999 - FY2008)			\$58,000.0		\$58,000.0
PIID Capital Project Bonds (FY2001 - FY2008)		\$1,000.0		\$2,894.0	\$3,894.0
<b>Total Other (Transfer Type) Funding:</b>		\$1,000.0	\$0.0	\$33,894.0	\$36,894.0
	1 Homeless Information Management System	\$0.0		\$35.0	\$35.0
	2 Housing Loan Programs/Teacher Housing/Health Prof.	\$0.0		\$4,000.0	\$4,000.0
	3 Supplemental Housing Development Program	\$0.0		\$4,300.0	\$4,300.0
	4 Low Income Weatherization Program	\$1,800.0		\$2,539.0	\$4,339.0
	5 Senior Citizens Housing Development Program	\$0.0		\$2,000.0	\$2,000.0
	6 HUD Federal HOME Grant Program	\$3,175.0		\$750.0	\$3,925.0
	7 HUD Capital Fund Program (CFP) formerly (CGP)	\$500.0		\$0.0	\$500.0
	8 Federal & Other Competitive Grants	\$1,000.0		\$1,000.0	\$4,000.0
	9 Competitive Grants for Public Housing	\$750.0		\$250.0	\$1,000.0
	10 Energy Efficiency Monitoring Research	\$0.0		\$500.0	\$500.0
	11 State Energy Program (SEP) Special Projects	\$483.5		\$50.0	\$533.5
	1 Homeless Assistance Program		\$500.0	\$250.0	\$750.0
	2 Beneficiary & Special Needs Housing			\$1,200.0	\$1,200.0
<b>Total AHFC's Capital Project Budget:</b>		\$9,708.5	\$500.0	\$16,864.0	\$27,072.5
<b>AHFC Funding for Other State Projects</b>					
	3 DIHSS - Residential Housing Programs		\$150.0	\$250.0	\$400.0
Other State Capital Projects/State Debt Service				\$31,992.0	\$31,992.0
<b>Total AHFC Funding for Other State Projects:</b>		\$0.0	\$150.0	\$32,242.0	\$32,392.0
<b>Grand Total AHFC Funding</b>		\$12,708.5	\$650.0	\$103,000.0	\$116,358.5
<b>Total AHFC Transfer Plan Funding Cap</b>				\$103,000.0	
<b>Over/(Under)</b>				\$0.0	

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## 1. Homeless Information Management System

<b>Reference Number:</b>	<b>#39023</b>	
<b>Historical Category:</b>	<b>Housing / Social Services</b>	
<b>Location:</b>	<b>Statewide</b>	
<b>Election District:</b>	<b>Statewide</b>	
<b>Project Type:</b>	<b>Transitional</b>	
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>	
<b>FY2005 Request:</b>	<b>\$35,000</b>	<b>Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>\$</b>	<b>Corporate Receipts</b>

The purpose of this program is to establish a database to manage and track grant activity for persons using the Homeless Service Delivery programs statewide, excluding Anchorage.

**The projected outcomes are:**

- Establish an interactive database;
- Link approximately 30 agencies statewide;
- Better coordination of grant activity.

**Homeless Information Management System – Corporate (AHFC)** funds for the development of an interactive database to track unduplicated counts of persons using homeless service programs in Alaska. Completion of HUD requirement for continued funding (average \$600,000 per year) for homeless programs in the balance of state, outside Anchorage. Project must be completed by September 30, 2004. Approximately 30 agencies will be submitting data on the system.

**Funding History:**  
New program

**Program Description:**

Under the McKinney Supportive Housing Program, the federal government has mandated each jurisdiction that receives funding for homeless programs to start up and maintain a database of unduplicated counts of homeless persons using service programs. An average of \$600,000 per year is received by non-profit homeless service providers outside the Municipality of Anchorage. The deadline for compliance is September 2004. The funding request is for start-up funds. AHFC will absorb the ongoing maintenance and technical assistance agreements that are part of the contract with the software provider.

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## 2. Housing Loan Program/Teacher/Health Professionals Housing

<b>Reference Number:</b>	<b>#37918</b>	
<b>Historical Category:</b>	<b>Housing / Social Services</b>	
<b>Location:</b>	<b>Statewide</b>	
<b>Election District:</b>	<b>Statewide</b>	
<b>Project Type:</b>	<b>Transitional</b>	
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>	
<b>FY2005 Request:</b>	<b>\$4,000,000</b>	<b>Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>\$</b>	<b>Corporate Receipts</b>

The purpose of this program is to increase home ownership for low-income borrowers by subsidizing interest rates based on family income and family size.

**The projected outcomes are:**

- Increasing affordability for housing purchases by low to moderate income families;
- Increasing home ownership;
- Lowering interest rates on AHFC mortgage programs to attract loan volume and generate net income
- A statewide housing conference.

Housing Loan Program/Teacher Housing/Health Professionals utilizes Corporate (AHFC) funds to supplement the Corporation's popular housing programs. This new program will help replace diminishing arbitrage funds. These funds will allow AHFC to continue current programs and expand business opportunities with new Teacher Housing Program(s) and Health Professionals Housing Program(s). It may also provide funds to support a statewide housing conference.

**Funding History:**

FY2004     \$2,150,150

**Program Description:**

AHFC has successfully managed the use of excess arbitrage funds with interest rate reduction programs for mortgage loans to low income families, special needs populations, senior citizens, and for energy efficiency improvements. These programs lower interest rates on mortgage purchases in order to improve affordability for Alaskan homebuyers, and to offer housing loans below the rates of national secondary mortgage purchasers (E.G. Fannie Mae & Freddie Mac).

The primary purpose of these funds is to provide Alaskans housing programs that are affordable by supplementing arbitrage funds to continue established programs that provide business opportunities to enhance the Corporation's net income. In addition to the established programs, AHFC anticipates developing or expanding opportunities with programs such as the Teacher Housing Program(s) and the Health Professionals Housing Program(s).

Attracting and maintaining a pool of qualified teachers and health professionals in rural Alaska is a goal of the State of Alaska. In order to achieve this, housing for teachers and health professionals must be available, affordable and of a quality that encourages these professionals to locate in rural settings. The Teacher and Health Professional Housing Grant Program was developed to respond to the need for additional housing for professionals and their families by providing grants to fill the

funding gap for such housing projects. Funding will be made available through a competitive process for new construction, rehabilitation or acquisition of rental or lease/purchase housing.

The corporation – based on loan demand, interest rate fluctuations, and market conditions – may change rate reductions and certain eligibility criteria.

The Corporation may contribute funds toward sponsoring a statewide housing conference to bring together all aspects of the housing industry. AHFC expects other entities and agencies to also contribute toward this event.

### 3. Supplemental Housing Development Program

<b>Reference Number:</b>	<b>#6323</b>
<b>Historical Category:</b>	<b>Housing / Social Services</b>
<b>Location:</b>	<b>Statewide</b>
<b>Election District:</b>	<b>Statewide</b>
<b>Project Type:</b>	<b>Construction</b>
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>
<b>FY2005 Request:</b>	<b>\$4,300,000 Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>S Corporate Receipts</b>

The purpose of the program is to supplement federal housing funds provided to Regional Housing Authorities to ensure safe, decent, affordable housing throughout Alaska.

**The projected outcomes are:**

- Construction of affordable homes in 20 urban and rural communities;
- On-site water and sewer facilities;
- Provide clients with new safe, energy efficient, comfortable housing;
- Roads to project sites;
- Electrical distribution systems;
- Energy-efficient design features in homes.

**Supplemental Housing Development Program** --- Corporate (AHFC) funds to supplement Federal (HUD) funds to construct decent, safe and sanitary housing through regional housing authorities established under AS 18.55.996. Funds are used to cover housing development costs related to water distribution, sewer hookups, electrical distribution systems, and road construction to project site, site development, and energy efficiency improvements. State laws limit the use of these funds to 20% of the HUD's total development cost per unit. These funds are prohibited from being used for administrative or other costs of the housing authority.

**Funding History:**

FY2004	\$4,300,000	Corporate Receipts
FY2003	\$4,300,000	Corporate Receipts
FY2002	\$4,500,000	Corporate Receipts
FY2001	\$3,900,000	Corporate Receipts
FY2000	\$3,868,000	Corporate Receipts
FY1999	\$4,000,000	Corporate Receipts
FY1998	\$6,000,000	Corporate Receipts
FY1997	\$7,000,000	Corporate Receipts
FY1996	\$10,000,000	Corporate Receipts

**Program Description:** AHFC is limited by State statute to contributing 20% of HUD's Total Development Cost (TDC) of a project. Funds are used for on-site water and sewer facilities, roads to project sites, electrical distribution systems, and energy-efficient design features in homes constructed by the regional housing authorities. HUD regulations prohibit the use of development funds for construction of access roads, electrical distribution systems and certain other infrastructure costs.

Since its inception, the State has appropriated more than \$100 million to augment over \$500 million in HUD funds and \$50 million in Public Health Services funds to build a total over 7,000 houses in over 250 communities.

Supplemental Housing Grant funds reinvest funds into communities by creating 300 local jobs statewide, creating nearly 100 training and apprenticeship opportunities in local labor pools, and through the purchase of supplies from local vendors.

Because HUD funds are restrictive in their use, AHFC supplemental funds can be used to pay for site development, water and sewer systems, electrical distribution and will be used to leverage HUD funds to stretch them further.

Alaskans living in more than 135 rural communities throughout the state have substandard and inadequate water and sewer facilities. This lack of basic facilities results in many rural Alaskans drinking untreated water from ponds, creeks or rivers and having to use a bucket as a toilet or an outhouse as a bathroom facility. This often results in sewage pooling in close vicinity to homes, liquid wastes leaching into the water used for drinking and exposing children to raw sewage in their play areas.

Alaska census data shows that the largest population growths have occurred in rural Alaska. These homes are vital to the economy and the safety of resident in rural Alaska that can least afford it. It is important to note that for every home built in the State, 600 jobs are affected, i.e. Jobs are created for construction workers, teachers have more students to teach, and expanded schools become eligible for federal dollars. As the economy is strengthened in rural Alaska, urban businesses benefit through increased sales of material and goods, which can account for 40 percent of their annual profits.

### **Elim Project – Bering Straits Regional Housing Authority: FY98 Funding**



## 4. Low-Income Weatherization Program

<b>Reference Number:</b>	<b>#6332</b>	
<b>Historical Category:</b>	<b>Housing / Social Services</b>	
<b>Location:</b>	<b>Statewide</b>	
<b>Election District:</b>	<b>Statewide</b>	
<b>Project Type:</b>	<b>Renovation and Remodeling</b>	
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>	
<b>FY2005 Request:</b>	<b>\$1,800,000 Federal Receipts</b>	<b>\$2,529,000 Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>S</b>	<b>Federal Receipts</b>
	<b>S</b>	<b>Corporate Receipts</b>

The purpose of the program is to provide cost effective energy improvements to homes of low-income families.

The projected outcomes are:

- Improved resident health and safety;
- Improved durability and longevity of housing stock;
- Replacement of over 500 unsafe heating systems;
- Install smoke detectors in homes;
- Install Carbon monoxide detectors in homes;
- Serve 2600 Alaskans while retrofitting approximately 900 homes.

**Low Income Weatherization Program ---** Federal U. S. Department of Energy (DOE) and Corporate (AHFC) funds to assist low- and moderate-income families attain decent, safe and affordable housing through the weatherization and rehabilitation of existing homes. Weatherization provides for fire safety through furnace and electrical repairs, education, chimney and woodstove repairs, and egress windows (installed during bedroom window replacements).

**Funding History:**

FY2004	\$1,800,000	Federal Receipts
FY2004	\$3,000,000	Corporate Receipts
FY2003	\$1,800,000	Federal Receipts
FY2003	\$3,000,000	Corporate Receipts
FY2002	\$1,400,000	Federal Receipts
FY2002	\$3,000,000	Corporate Receipts
FY2001	\$1,400,000	Federal Receipts
FY2001	\$2,000,000	Corporate Receipts
FY2000	\$1,400,000	Federal Receipts
FY2000	\$1,000,000	Corporate Receipts
FY1999	\$4,200,000	Federal Receipts (Stripper Funds)
FY1999	\$1,000,000	Corporate Receipts
FY1998	\$1,200,000	Federal Receipts
FY1998	\$4,000,000	Corporate Receipts

**Program Description:**

The Low Income Weatherization Program utilizes US DOE and Corporation funds to assist low and moderate income families to attain decent, safe and affordable housing through the weatherization and rehabilitation of existing homes. Much of the older housing stock cannot maintain a minimally comfortable indoor temperature. The Weatherization program annually serves approximately 526 households and approximately 1578 individuals. Program clients are mainly: elderly, disabled, and families with small children. Most of the families receiving services are the working poor and are not

receiving Public Assistance. At the current funding levels, the program is unable to serve all of the high priority households that are on extensive waiting lists.

Weatherization improves occupant health and safety through the replacement of unsafe heating systems and installation of Carbon Monoxide detectors. Carbon monoxide problems are resolved, fire safety threats alleviated, egress windows installed, handrails and steps repaired and moisture and mold problems abated. Client health improves as toxins and asthma triggers are removed and ventilation issues are addressed. Technology has developed concurrently with the program and provides the foundation for improved approaches to new construction for arctic conditions.

**Benefits of Weatherization:**

- Helps keep people in their existing homes, reducing the need for public housing;
- Improves existing housing stock reducing the need for more public housing;
- Reduces overall fuel use;
- Materials purchased from local Alaskan vendors;
- Contractors and crew are hired locally and receive training (wages spent locally);
- Savings from Fuel costs reinvested in local economy;
- Extensive client education on long term O&M required to maintain houses;
- Weatherization techniques improve building stock by addressing critical durability issues;
- Health and safety of residents dramatically improved in many cases due to mitigation of problems in the home, i.e. rot, mildew; and helps in eliminating ice dams; and
- Egress windows, smoke alarms and CO detectors are installed to protect families from fire and carbon monoxide poisoning

Our ability to properly diagnose and correct problems in existing housing stock through the weatherization program helps provide a safe, clean environment to clients improving the overall quality of life to pursue a better life for their families

**Regional Funding Allocation**

Northern.....	10.55%
Western.....	10.57%
Southwestern .....	7.29%
Interior .....	6.59%
Fairbanks .....	14.40%
Southcentral (not Anchorage).....	13.09%
Anchorage.....	26.47%
Southeast (not Juneau).....	6.26%
Juneau City and Borough.....	4.78%

**Before**



**After**



## 5. Senior Citizen's Housing Development Fund (SCHDF)

<b>Reference Number:</b>	<b>#6334</b>
<b>Historical Category:</b>	<b>Housing / Social Services</b>
<b>Location:</b>	<b>Statewide</b>
<b>Election District:</b>	<b>Statewide</b>
<b>Project Type:</b>	<b>Transitional</b>
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>
<b>FY2005 Request:</b>	<b>\$2,000,000 Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>S Corporate Receipts</b>

The purpose of the program is to provide funds for the development of senior citizen housing.

**The projected outcomes are:**

- Purchase of building sites;
- Site preparation;
- Purchase building materials;
- Construction;
- Rehabilitation, including accessibility modifications;
- Preparation of plans and specifications;
- Project feasibility studies;
- Appraisals; and
- Other pre-development activities.

**Senior Citizens Housing Development Program** --- Corporate (AHFC) funds to grant to municipalities and public or private non-profit corporations, in conjunction with other agencies, for the development of senior citizen housing. Funds can be used for: the purchase of building sites, site preparation, materials, construction, and rehabilitation of existing housing. Organizations qualified to apply include municipalities and public or private nonprofit corporations. Additional components include smaller grants (up to \$25,000) for nonprofit senior organizations to pay for preparation of plans and project feasibility studies, appraisals, site preparation and other pre-development activities.

**Funding History:**

FY2004	\$2,000,000	Corporate Receipts
FY2003	\$1,375,200	Corporate Receipts
FY2003	\$600,000	Capital Bond Receipts
FY2002	\$1,472,200	Corporate Receipts
FY2001	\$2,253,500	Corporate Receipts
FY2000	\$0	Program Not Funded; however:
FY2000	\$278,000	Talkeetna Senior Housing funded with Corporate Receipts
FY1999	\$2,050,000	Corporate Receipts
FY1998	\$0	Program Not Funded; however:
FY1998	\$248,000	Elders Services, Inc. funded with Corporate Receipts
FY1998	\$261,700	Homer Seniors funded with Corporate Receipts
FY1998	\$625,000	North Pole Seniors, Inc. funded with Corporate Receipts
FY1998	\$675,000	Palmer Seniors funded with Corporate Receipts
FY1997	\$1,750,000	Corporate Receipts
FY1996	\$750,000	Corporate Receipts

**Project Description:**

These funds are used to support the development of housing for the fastest growing segment of the Alaskan population, persons 60 years of age and older. A statewide needs assessment done in 1996 showed that there was a demand for an additional 1,000 units of senior housing. This number is projected to increase by an additional 3,300 by the year 2010. This program targets the housing needs of both low-income and middle-income seniors, as well as, assisting homeowners improve accessibility in their homes insuring safety and the ability to stay in their residence.

This request is based on the estimated demand for senior housing during the application cycle for the SCHDF program, home modification, and senior pre-development grants. Program funds are used only to fund the development "gap", i.e., the amount necessary to make the project financially feasible - or the difference between all other funding sources which can be expected to be contributed (including loan funds) and the cost to develop the project.

Any remaining unused funds will be made available under the next funding cycle. Requested funds are to be used to support senior housing with gap funds for acquisition, rehabilitation, accessibility modifications, and/or new construction of senior housing and pre-development grants.

Awards are made on a competitive basis contingent on Legislative approval.

**Applications**

<b>Location</b>	<b>Sponsor</b>	<b>Grant Amount</b>
Statewide	FY2005 Development Projects	\$1,400,000
Statewide	Home Modifications - Senior ACCESS Program	\$500,000
Statewide	Pre-development Grants	\$100,000
<b>Total Senior Housing Development:</b>		<b>\$2,000,000</b>

**Expected FY2005 Development Projects:**

- Palmer Senior Center
- Nikiski Senior Center
- Kenai Senior Center
- Valdez Senior Center
- Fairbanks Senior Organization
- North Star Council on Aging

## 6. HUD Federal HOME Grant Program

<b>Reference Number:</b>	<b>#6347</b>	
<b>Historical Category:</b>	<b>Housing / Social Services</b>	
<b>Location:</b>	<b>Statewide</b>	
<b>Election District:</b>	<b>Statewide</b>	
<b>Project Type:</b>	<b>Renewal and Replacement</b>	
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>	
<b>FY2005 Request:</b>	<b>\$750,000</b>	<b>Corporate Receipts</b>
	<b>\$3,175,000</b>	<b>Federal Receipts</b>
 <b>FY2005 Funding:</b>	 <b>\$</b>	 <b>Corporate Receipts</b>
	<b>\$</b>	<b>Federal Receipts</b>

The purpose of this program is to expand the supply of affordable, low- and moderate-income housing and to strengthen the ability of the State to design and implement strategies to achieve an adequate supply of safe, energy-efficient, and affordable housing.

**The projected outcomes are:**

- Develop affordable rental housing by funding the development gap.
- Preserve low-income homes through a moderate rehabilitation.
- Achieve home ownership for lower-income families by providing down payment and closing cost assistance.
- Assist Community and Housing Development (CHDO) with developing affordable housing by funding a portion of their operating costs.
- Fund other housing needs as specified in the (HCD) plan and as authorized by HUD under 24 CFR Part 92.

HUD Federal HOME Program utilizes Federal (HUD) with Corporate matching (AHFC) funds for the HOME Investment Partnership Program. The purpose of the HOME program is to expand the supply of affordable, low- and moderate- income housing and to strengthen the State's ability to design and implement strategies to achieve an adequate supply of safe, energy-efficient, and affordable housing. The Municipality of Anchorage has their own separate HOME program.

**Funding History:**

FY2004	\$3,159,000	Federal Receipts
FY2004	\$750,000	Corporate Receipts
FY2003	\$3,159,000	Federal Receipts
FY2003	\$250,000	Corporate Receipts
FY2002	\$3,050,000	Federal Receipts
FY2002	\$250,000	Corporate Receipts
FY2001	\$3,053,000	Federal Receipts
FY2001	\$750,000	Corporate Receipts
FY2000	\$3,000,000	Federal Receipts
FY2000	\$750,000	Corporate Receipts
FY1999	\$3,000,000	Federal Receipts
FY1999	\$750,000	Corporate Receipts
FY1998	\$3,000,000	Federal Receipts
FY1998	\$750,000	Corporate Receipts
FY1997	\$3,000,000	Federal Receipts
FY1997	\$750,000	Corporate Receipts
FY1996	\$3,000,000	Federal Receipts
FY1996	\$750,000	Corporate Receipts

**Program Description:**

These funds are used to support the development of affordable housing for lower-income families. Funding is provided to fund:

- 1) The development gap for affordable rental housing projects, i.e. the difference between project cost and all other sources of funds which are expected to be contributed to the project, including any loan funds that the project's cash flow can support;
- 2) The cost of moderate rehabilitation to homes owned and occupied by lower-income families;
- 3) A portion of the costs associated with the purchase of a modest home by lower-income families;
- 4) A portion of the operating costs of Community Housing Development organizations that are developing affordable housing for lower-income families;
- 5) Other housing needs as specified in the HCD plan and as authorized by HUD under 24 CFR Part 92.

The \$3,925,000 request is based on the block grant amount to be received from HUD (\$3,000,000) and the required 25% matching funds to be provided by AHFC (\$750,000), plus program income (\$175,000) accumulated by the program to be used, as mandated by HUD, as additional federal HOME program funds.



*Cordova Mews, Cordova FY1996*



*Mooring Estates, Soldotna FY1996*



*Raven Estates, Fairbanks FY1995*

## 7. HUD Capital Fund Program (formerly CGP)

Reference Number:	#6342
Historical Category:	Housing / Social Services
Location:	Statewide
Election District:	Statewide
Project Type:	Renewal and Replacement
Estimated Project Dates:	7/01/2004 – 6/30/2009
FY2005 Request:	\$500,000 Federal Receipts
FY2005 Funding:	\$ Federal Receipts

The purpose of this program is to provide management improvements to the Public Housing program.

**The projected outcomes are:**

- Training for staff;
- Training for residents;
- Drug Elimination Program improvements;
- Computer hardware & software upgrades

HUD Capital Fund Program (CFP) (formerly CGP) utilizes Federal (HUD) grant that provides Public Housing Authorities with funds each year to help renovate and modernize public housing units. Funds also provide for administrative expenses, tenant-education projects, drug elimination/safety projects and management improvements.

**Funding History:** Formerly funded under the Comprehensive Grant Program (CGP);

FY2004	\$500,000	Federal Receipts
FY2003	\$500,000	Federal Receipts
FY2003	14,251,000	Bond Proceeds
FY2002	\$3,500,000	Federal Receipts
FY2001	\$3,500,000	Federal Receipts
FY2000	\$2,800,000	Federal Receipts
FY1999	\$2,900,000	Federal Receipts
FY1998	\$3,100,000	Federal Receipts
FY1997	\$3,521,600	Federal Receipts
FY1996	\$4,326,000	Federal Receipts

**Program Description:**

The federal government, through the U.S. Department of Housing and Urban Development (HUD), provides Public Housing Authorities (PHA) with money each year to help cover program operations, and management improvements through the Capital Fund Program.

Program operations and management improvements funded by this year's request include: resident self-sufficiency program, job and life skills training for the residents, service coordinator for senior residents, security training and services, Section 3 program training, and PHA staff training, which includes training for Maintenance, Housing Operations, and Construction. Please note: other supportive services previously funded with Public Housing Drug Elimination Program (PHDEP) funds are being incorporated here.

Also, to improve communications, operations, and disaster recovery, funding will be provided for information systems and area-wide network upgrades at low rent developments.

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## 8. Federal and Other Competitive Grants

<b>Reference Number:</b>	<b>#6348</b>	
<b>Historical Category:</b>	<b>Housing / Social Services</b>	
<b>Location:</b>	<b>Statewide</b>	
<b>Election District:</b>	<b>Statewide</b>	
<b>Project Type:</b>	<b>Health and Safety</b>	
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>	
<b>FY2005 Request:</b>	<b>\$1,000,000</b>	<b>Corporate Receipts</b>
	<b>\$3,000,000</b>	<b>Federal Receipts</b>
 <b>FY2005 Funding:</b>	 <b>\$</b>	 <b>Corporate Receipts</b>
	<b>\$</b>	<b>Federal Receipts</b>

The purpose of this program is to allow AHFC to apply for HUD, other federal agency, and private foundation grants that target the housing needs, and supportive services, of low-income and special needs groups; such as senior citizens, the mentally, physically, or developmentally disabled or the homeless. AHFC will also apply for energy related grants as they relate to housing. When required, AHFC will provide the needed matching funds. Some of the funds received will be passed through to local non-profit sub-grantee organizations that deliver housing and/or services.

The projected outcomes are to successfully compete and fund the matching portion of the following grant programs:

- HUD Supportive Housing;
- Housing Opportunities for Persons With AIDS (HOPWA);
- USDA Housing Preservation Grant Program; and
- Grant Match Program.

Federal and Other Competitive Grants utilizes Federal (HUD) and Corporate match (AHFC) grant funds. AHFC will apply for grants that target the housing needs of low income and special needs groups: such as senior citizens, the mentally ill, disabled or the homeless. AHFC will also apply for energy related grants as they relate to housing. When required, AHFC will provide the needed matching funds. Some of the grant funds received will be passed through to local non-profit sub-grantee organizations that deliver housing and/or services.

AHFC will make application, as appropriate, to private institutions or foundations to study and/or address such issues as housing delivery systems, safe and viable neighborhoods, homelessness and aging in place. When required, AHFC will provide matching funds to non-federal grants that target the housing needs of low-income and special needs groups such as senior citizens, the mentally, physically, or developmentally disabled, or homeless.

### Funding History:

FY2004	\$3,000,000	Federal Receipts
FY2004	\$1,000,000	Corporate Receipts
FY2003	\$3,000,000	Federal Receipts
FY2003	\$1,250,000	Corporate Receipts
FY2002	\$3,000,000	Federal Receipts
FY2002	\$500,000	Corporate Receipts
FY2001	\$1,500,000	Federal Receipts
FY2001	\$1,000,000	Corporate Receipts
FY2000	\$1,500,000	Federal Receipts
FY2000	\$750,000	Corporate Receipts
FY1999	\$3,000,000	Federal Receipts
FY1999	\$500,000	Corporate Receipts

FY1998	\$3,000,000	Federal Receipts
FY1998	\$500,000	Corporate Receipts
FY1997	\$3,000,000	Federal Receipts
FY1997	\$1,000,000	Corporate Receipts
FY1996	\$3,400,000	Federal Receipts
FY1996	\$2,100,000	Corporate Receipts

**Program Description:**

This program also allows AHFC to apply for and receive Federal, state and other grants that target the housing needs and supportive services of low-income and special needs groups such as mentally ill, homeless or disabled persons. Numerous federal and private foundations incorporate a matching cash contribution requirement in their competitive grant programs. The AHFC grant match program has been vital to attracting outside funding into Alaska to meet the housing needs of these special populations.

Most of the Federal funds received, as well as the Corporate match funds are customarily passed through to local non-profit or municipal sub-grantee agencies who deliver the housing and related supportive services. Examples of programs with match components include HUD Supportive Housing, Housing Opportunities for Persons With AIDS (HOPWA), and the USDA Housing Preservation Grant Program.

## 9. Competitive Grants for Public Housing

<b>Reference Number:</b>	<b>#6350</b>
<b>Historical Category:</b>	<b>Housing / Social Services</b>
<b>Location:</b>	<b>Statewide</b>
<b>Election District:</b>	<b>Statewide</b>
<b>Project Type:</b>	<b>Health and Safety</b>
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>
<b>FY2005 Request:</b>	<b>\$250,000 Corporate Receipts</b>
	<b>\$750,000 Federal Receipts</b>
 <b>FY2005 Funding:</b>	 <b>Corporate Receipts</b>
	<b>Federal Receipts</b>

The purpose of this program is to allow AHFC to apply for HUD, other federal agency, and private foundation grants that target the housing needs of low-income and special needs groups; such as senior citizens, the mentally ill, disabled, or the homeless who are eligible for public and/or assisted housing. AHFC will also apply for grants to prevent crime and substance abuse in public housing and assist public housing families attain economic self-sufficiency. When required, AHFC will provide the needed match.

**The projected outcomes are:**

- Match Requirements for Federal Grants such as:
  - Drug Elimination Program;
  - FSS Coordinator and caseworkers;
  - Senior Services Coordinator;
  - Resident Opportunities and Supportive Services (ROSS) grant.

Competitive Grants for Public Housing utilizes Federal (HUD) and Corporate match (AHFC) grant funds. AHFC will apply for HUD grants that target the housing needs of low-income and special needs groups; such as senior citizens, the mentally ill, disabled, or the homeless. AHFC will also apply for grants to prevent crime and substance abuse in public housing and assist public housing families in attaining economic self-sufficiency. When required, AHFC will provide the needed match. Some of the funds received will be passed through to local non-profit sub-grantee organizations that deliver housing and/or services.

**Funding History:**

FY2004	\$750,000	Federal Receipts
FY2004	\$250,000	Corporate Receipts
FY2003	\$750,000	Federal Receipts
FY2003	\$250,000	Corporate Receipts
FY2002	\$750,000	Federal Receipts
FY2002	\$250,000	Corporate Receipts
FY2001	\$750,000	Federal Receipts
FY2001	\$250,000	Corporate Receipts
FY2000	\$750,000	Federal Receipts
FY2000	\$250,000	Corporate Receipts
FY1999	\$750,000	Federal Receipts
FY1999	\$250,000	Corporate Receipts
FY1998	\$2,000,000	Federal Receipts
FY1998	\$250,000	Corporate Receipts

**Program Description:**

AHFC will apply for grants and utilize those grant funds to target services to families and persons who are eligible for public and/or assisted housing. Grant funds within this category may be used to prevent and reduce crime and substance abuse in public housing and to aid PHD-assisted families to attain economic self-sufficiency. This program also helps implement welfare reform efforts of the state. Where required as a condition of funding, AHFC may provide the needed match. Examples of previous grantors include the Robert Wood Johnson Foundation, the Department of Education, U.S. Dept. of Housing and Urban Development and the U.S. Dept. of Health and Human Services.

This project also enables AHFC to receive additional housing assistance from HUD in the form of Section 8 vouchers. Some of the funds received may be passed through to local non-profits or government agencies to deliver the appropriate services throughout the state.

## 10. Energy Efficiency Monitoring Research

<b>Reference Number:</b>	<b>#6351</b>
<b>Historical Category:</b>	<b>Housing / Social Services</b>
<b>Location:</b>	<b>Statewide</b>
<b>Election District:</b>	<b>Statewide</b>
<b>Project Type:</b>	<b>Health and Safety</b>
<b>Estimated Project Dates:</b>	<b>7/01/2004 – 6/30/2009</b>
<b>FY2005 Request:</b>	<b>\$500,000 Corporate Receipts</b>
<b>FY2005 Funding:</b>	<b>\$ Corporate Receipts</b>

The purpose of this project is to conduct research, analysis, information dissemination and interchange among members of the industry, as well as, between the industry and the public.

**The projected outcomes are:**

- Conduct research, analysis, information dissemination and interchange among members of the industry, and between the industry and the public.
- Gather data and perform analysis of geographically diverse area energy efficient designs for homes.
- Monitoring homes for energy usage, comfort levels, durability, occupant health, and economic benefits of efficiency features.

**Energy Efficiency Monitoring Research** utilizes Corporate (AHFC) funds for a designated grant to Cold Climate Housing Research Center to conduct housing construction research, analysis, and information dissemination among the housing industry and the public. Data gathering and analysis is being continually related to energy efficiency technology for homes constructed in northern building and market conditions.

**Funding History:**

FY2004	\$500,000	Corporate Receipts
FY2003	\$300,000	Corporate Receipts
FY2002	\$300,000	Corporate Receipts
FY2001	\$450,000	Corporate Receipts
FY2001	\$500,000	Federal Receipts
FY2000	\$0	Corporate Receipts – requested but not funded.

**Program Description:**

This program funds monitoring and testing of energy efficiency designs, products, and construction technology testing in areas where little is being done in the Alaskan arena. Considering the diverse building conditions and requirements across the state, the homebuilding industry has indicated they would like to see research and testing of energy efficiency designs in different regions in the state.

AHFC is required by state law to purchase homes that meet minimum energy efficiency standards, and the corporation has established and funded incentive programs for increased energy efficiency in homes. Currently, corporate arbitrage dollars are used to offer reduced interest rates on homes that meet or exceed energy rating criteria. Yet, little information is currently available about the cost benefits to the homeowner over time from these programs or how effective certain energy efficiency designs have been across Alaska's climate regions.

Funds requested here would be to conduct research, analysis, and information dissemination and interchange among members of the industry, as well as, between the industry and the public.

The following will be provided through the Cold Climate Housing Research Center: Data gathering, as well as, analysis of

energy efficient designs for homes. Alaska has a wide range of climates and temperatures, with everything from coastal rain forests to arctic tundra. Energy efficiency designs and technologies for homes need to address conditions in each of these regions across the state.

Homes with different energy efficiency designs would be monitored for energy usage, comfort levels, durability, occupant health, and economic benefit of efficiency features. Different regions of Alaska would be monitored along with different energy efficiency designs.

Activities should have a high level of effectiveness and success based on three reasons:

- 1. Programs and projects will be results oriented.** Home building is a practical activity. Monitoring research and analysis should seek workable answers to real problems of home building and to real ways to improve homes across Alaska. Future trends and developing technologies need to be considered, with an emphasis on the impact that such trends and technologies will have on the way the homes are actually built.
- 2. Contact with the real world of home building needs to exist by having some ties to the state home building industry.** In addition to a statewide association, local home building associations exist in Anchorage, the Kenai Peninsula, Ketchikan, Juneau, Interior Alaska, Mat-Su, and Kodiak. These associations could provide a grassroots network of cooperating builders. When research is launched, builders would be expected to provide direction on specific questions, technologies, designs, and to cooperate in studies and field tests.
- 3. Research & analysis flow directly into the building industry and the public.** Monitoring results would be expected to help link the research and product development communities with the practitioners who put methods into practice and products into use. The involvement of the building industry is intended to increase builder's confidence in the findings. All results and analysis would be publicized and disseminated throughout the housing industry, creating a favorable climate for the adoption of desirable changes.

## 11. State Energy Program (SEP) Special Projects

<b>Reference Number:</b>	#32526	
<b>Historical Category:</b>	Housing / Social Services	
<b>Location:</b>	Statewide	
<b>Election District:</b>	Statewide	
<b>Project Type:</b>	Health and Safety	
<b>Estimated Project Dates:</b>	7/01/2004 – 6/30/2009	
<b>FY2005 Request:</b>	\$50,000	Corporate Receipts
	\$483,500	Federal Receipts
 <b>FY2005 Funding:</b>	 S	 Corporate Receipts
	S	Federal Receipts

The purpose of this program is to allow the State to participate in special project grants offered by the Federal Department of Energy to promote energy related technologies and research.

The projected outcomes are advancements in:

- Building technologies;
- Codes and Standards;
- Wind and Power technologies;
- Renewable energy for remote areas, and/or
- Transportation technologies.

State Energy Program (SEP) Special Projects utilizes Federal (DOE) and Corporate match funds for State Energy Program (SEP) special projects such as: building technologies, Codes and Standards, Wind and Power technologies, renewable energy for remote areas or transportation technologies.

**Funding History:**

FY2004	\$423,000	Federal Receipts
FY2004	\$50,000	Corporate Receipts
FY2003	\$150,000	Federal Receipts
FY2003	\$30,000	Corporate Receipts
FY2002	\$150,000	Federal Receipts
FY2002	\$30,000	Corporate Receipts
FY2001	\$150,000	Federal Receipts
FY2001	\$30,000	Corporate Receipts

Prior funding for this program has been included in past operating budgets under Revised Program (RPL) process.

**Program Description:**

The Department of Energy provides competitive grants to State Energy Programs for specific activities including, building technologies, Codes and Standards, Wind and Power technologies, renewable energy for remote areas, transportation technologies. DOE solicitations for these special projects occur typically in January or February. Awards are made in June.



AHFC has been successful in obtaining special projects awards for wind monitoring, codes and standards, and a seafood processing audit program. Approximately \$14 million dollars are made available annually for these types of grants to all states on a competitive basis.

This program will help promote the conservation of energy and reduce the rate of growth of energy demand. The program will also help reduce dependence on imported oil through the development and implementation of a comprehensive State Energy Program (SEP) and the provision of Federal financial and technical assistance to State: in support of such programs. The program is funded through the Department of Energy (DOE), and requires a 20% state match. A portion of the funds will be transferred to the Alaska Industrial Development and Export Authority (AIDEA) to develop electrical efficiency reductions for rural generation and transmission. The remaining funds will be used by AHFC to promote education for consumers, Realtors, Builders and other housing professionals in the energy efficiency arena.

## 1. Homeless Assistance Program Mental Health Bill

Reference Number:	#6359
Historical Category:	Housing / Social Services
Location:	Statewide
Election District:	Statewide
Project Type:	Transitional
Estimated Project Dates:	7/01/2004 – 6/30/2009
FY2005 Request:	\$250,000 Corporate Receipts \$500,000 Mental Health Trust Fund Receipts
FY2005 Funding:	Corporate Receipts Mental Health Trust Fund Receipts

The purpose of this program is to support programs that prevent homelessness by providing assistance to families in imminent danger of becoming homeless, or those who are currently homeless.

**The projected outcomes are:**

- Prevent near homeless individuals and families from becoming homeless.
- Provide homeless individuals and families assistance to obtain safe, sanitary shelter.

Homeless Assistance Program utilizes Corporate (AHFC) funds for grants to local communities/agencies to help develop programs that prevent homelessness by providing assistance to families in imminent danger of becoming homeless, or those who are currently homeless. Corporate funds will be matched by Mental Health Trust Authority funds. Both funds will be combined and administered as one program by AHFC.

**Funding History:**

FY2004	\$250,000	Corporate Receipts
FY2004	\$500,000	Mental Health Trust Fund Receipts
FY2003	\$250,000	Corporate Receipts
FY2003	\$500,000	Mental Health Trust Fund Receipts
FY2002	\$250,000	Corporate Receipts
FY2002	\$200,000	Mental Health Trust Fund Receipts
FY2001	\$250,000	Corporate Receipts
FY2001	\$200,000	Mental Health Trust Fund Receipts
FY2000	\$250,000	Corporate Receipts
FY2000	\$200,000	Mental Health Trust Fund Receipts
FY1999	\$250,000	Corporate Receipts
FY1998	\$250,000	Corporate Receipts
FY1997	\$250,000	Corporate Receipts
FY1996	\$250,000	Corporate Receipts (funded under the former Emergency Housing Assistance Program).

**Program Description:**

Established in 1993, this program enables hundreds of homeless and/or near homeless families to obtain or retain safe and sanitary shelter each year. Demand for this program has steadily increased as federal and municipal sources have diminished.

The Homeless Assistance Program (HAP) provides grants to assist non-profit organizations, local governments and regional housing authorities in addressing the emergency needs of homeless and near-homeless Alaskans. During the previous two competitive rounds, the total amount of HAP grant requests received by AHFC has averaged \$1.5 million annually. This program has become an increasingly important as funds for grants such as homeless assistance from Municipal grants and federal Emergency Assistance continues to shrink.

Recent grantees in Fairbanks, Homer, Kodiak, Wasilla, Juneau and Unalaska have utilized HAP funds to expand shelter facilities, develop supportive transitional housing, and provide case management and rental assistance services.

AHFC is requesting authorization for expenditure of Corporate Receipts which will be matched by funds from the Alaska Mental Health Trust Authority (AMHTA). Both funds will be combined and administered as one program by AHFC.

<b>Applicant</b>	<b>Community</b>	<b>Rank</b>	<b>Amount Requested</b>	<b>Proposed Funding</b>
Anchor Arms-Safe Harbor Inn	Anchorage	1	\$86,468	\$86,465
Unalaskans S.A.F.V.	Aleutians	2	\$42,974	\$42,970
CSS – Brother Francis Shelter	Kodiak	3	\$89,427	\$89,425
Salvation Army – Mckinnell Shelter	Anchorage	4	\$150,000	\$150,000
Salvation Army Eagle Crest	Anchorage	5	\$18,700	\$18,900
CSS – Brother Francis Shelter	Anchorage	6	\$34,257	\$34,255
Salvation Army – Beachcombers	Kodiak	6	\$29,675	\$29,675
Tagiugmiullu Nunamiullu RHA	Barrow	7	\$75,000	\$75,000
CSS – Beyond Shelter	Anchorage	8	\$40,166	\$40,165
Salvation Army	Fairbanks	9	\$44,117	\$44,115
Fairbanks Native Association	Fairbanks	9	\$39,970	\$39,970
CSS – Clare House	Anchorage	10	\$57,129	\$57,125
Share the Spirit	Homer	10	\$35,000	\$35,000
Saint Vincent dePaul Society.	Juneau	11	\$149,835	\$6,935
CSS-Beyond Shelter	Anchorage	12	\$149,347	\$0
Covenant House-YRC	Anchorage	13	\$150,000	\$0
Covenant House-Emerg. Center	Anchorage	14	\$150,000	\$0
Nenana Traditional Council	Nenana	15	\$150,000	\$0
Kids are People	Mat-Su	16	\$49,529	\$0
Interfaith Hospitality Network	Mat-Su	17	\$109,092	\$0
Sitkans Against Family Violence	Sitka	18	\$32,130	\$0
Tlingit-Haida RHA	Juneau	19	\$500,000	\$0
Juneau Youth Services	Juneau	20	\$57,500	\$0

**Total Qualified Applicant Requests: \$2,240,516**

Available for lower ranking applications .....\$0  
 Total HAP Budget Request.....\$750,000

<b>Applicant</b>	<b>Services Provided</b>
Anchor Arms- Safe harbor Inn	For operations support of transitional housing
Unalaskans S.A.F.V.	For shelter operations and housing placement services
CSS – Brother Francis Shelter	For homeless prevention and housing placement services
Salvation Army-Mckinnell Shelter	For shelter operations and case management services
Salvation Army-Eagle Crest	For building upgrades and operating support
CSS – Brother Francis Shelter	For shelter operations and housing placement services
Salvation Army	For furnishings and operating support
Tagiugmiullu Nunamiullu RHA	For homeless prevention and placement services
Kenai WRCC	For shelter upgrades and supportive services
Salvation Army-Fairbanks	For homeless prevention services
Fairbanks Native Association	For exterior repairs at youth shelter
CSS – Clare House	For shelter operations and housing placement services
Share the Spirit	For homeless prevention and placement services
Saint Vincent de Paul Society	For shelter operations and homeless prevention services

CSS – Beyond Shelter ..... For housing placement and case management services  
Covenant House – Youth Resource Center..... For street outreach and placement services  
Covenant House - Emergency Shelter ..... For shelter operations  
Nenana Traditional Council..... For renovation of a transitional housing project  
Kids are People..... For operating support for transitional housing  
Interfaith Hospitality Network..... For operating support for family shelter  
Sitkans Against Family Violence..... For emergency shelter operations  
Tlingit-Haida RHA ..... For acquisition of a new transitional housing site  
Juneau Youth Services..... For operating support of emergency shelter

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## 2. Beneficiary and Special Needs Housing Mental Health Bill

Reference Number:	#6360
Historical Category:	Housing / Social Services
Location:	Statewide
Election District:	Statewide
Project Type:	Health and Safety
Estimated Project Dates:	7/01/2004 – 6/30/2009
FY2005 Request:	\$1,200,000 Corporate Receipts
FY2005 Funding:	\$ Corporate Receipts

The purpose of this program is to provide funds for Alaskan non-profit service providers and housing developers to increase housing opportunities to Alaska Mental Health Trust beneficiaries and other special needs populations throughout Alaska.

**The projected outcomes are:**

- Congregate housing for people with mental illness, developmental disabilities;
- Supportive housing, including assisted living, for people with mental, physical, or developmental disabilities, or multiple disorders;
- Transitional housing with support services for newly recovering alcoholics and addicts.

**Beneficiary & Special Needs Housing** --- Corporate (AHFC) funds for a continuing program to serve populations with special housing needs. The program provides funds to Alaskan nonprofit service providers to increase housing opportunities for Mental Health Trust beneficiaries and other special needs populations throughout the state. The funds may be used for housing development and/or residential accessibility modifications.

**Funding History:**

FY2004	\$1,200,000	Corporate Receipts
FY2003	\$1,500,000	Corporate Receipts
FY2002	\$1,500,000	Corporate Receipts
FY2001	\$1,500,000	Corporate Receipts
FY2000	\$1,700,000	Corporate Receipts

*Prior to FY2000 this program was part of DHSS's Beneficiary and Special Needs Housing Program:*

FY1999	\$1,200,000	Corporate Receipts
FY1998	\$1,200,000	Corporate Receipts
FY1997	\$1,500,000	Corporate Receipts
FY1996	\$1,200,000	Corporate Receipts

**Program Description:**

This program provides funds to Alaskan nonprofit service providers and housing developers to increase housing opportunities to Alaska Mental Health Trust beneficiaries and other special needs populations throughout Alaska. These funds will continue to assist in developing community-based supportive housing.

The demand for special needs housing remains critical. The four boards of the Mental Health Trust Authority, the State Independent Living Council and other special needs advocacy groups have identified supportive housing as a top priority in their statewide planning efforts. The target populations consist of mental health beneficiaries and other special needs groups

like severely emotionally disturbed children.

To optimize leveraging of these funds with other Federal grant and tax credit programs and to expedite the release of funding to non-profit housing developers, AHFC will administer these housing development funds. This will also administratively streamline housing development projects, which also intend to borrow money from AHFC. Typically, most special needs housing in Alaska is financed by AHFC.

Examples of special needs housing includes, but are not limited to:

- Congregate housing for people with mental illness or developmental disabilities;
- Supportive housing, including assisted living, for people with mental illness, developmental disabilities, or multiple disorders;
- Transitional housing with support services for newly recovering alcoholics and addicts.

### 3. DHSS – Residential Housing Programs Mental Health Bill

Reference Number:	#37901
Historical Category:	Housing / Social Services
Location:	Statewide
Election District:	Statewide
Project Type:	Transitional
Estimated Project Dates:	7/01/2004 – 6/30/2009
FY2005 Request:	\$250,000 Corporate Receipts
FY2005 Funding:	\$ Corporate Receipts

The purpose of this program is to provide funding to develop special needs housing that cannot be funded under AHFC, due to statutory limitations. The funding can be used for acquisition, rehabilitation, new construction, and accessibility modification projects.

**The projected outcomes are:**

- Home Modifications
  - Accessibility Modifications or Additions
  - Accessibility Equipment
- Housing Development
  - Acquisition
  - Development
  - Rehabilitation

DHSS – Residential Housing Programs --- Corporate (AHFC) funds to provide housing modifications to persons experiencing a disability, allowing them to remain in their homes and reduce the potential cost of providing supported housing. The program also provides funding to develop special needs housing that cannot be funded under AHFC's program because of statutory limitations. This program will be administered by DHSS.

**Funding History:**

FY2004	\$250,000	Corporate Receipts
FY2003	\$100,000	Corporate Receipts

**Program Description:**

Home modifications are available to people wherever they reside, regardless if they own or rent and with whom they live. Typical kinds of assistance provided are: accessibility modifications or additions (e.g. widen doorways, remodel bathrooms and/or kitchens, install entrance ramps, add bathrooms and/or bedrooms) and related equipment.

Grantees will coordinate their efforts with the AHFC Weatherization and HOME Rehab Program and similar tribal and municipal programs to supply essential repairs or upgrades to structures (e.g. heating, plumbing, and/or electrical systems, roofs, weather proofing, energy efficiency improvements). Funds will not be available to duplicate down payment, mortgage buy-down, or building repair and weatherization programs currently operated by AHFC.

The housing development component (acquisition, rehabilitation, and new construction or accessibility modifications) enables the development of property, which cannot be funded under AHFC statutes. Funding for residential housing that requires a substantial treatment component or houses individuals who have been remanded by the courts are prohibited under AHFC statutes. These funds will allow for the acquisition, development or rehabilitation of such needed facilities.

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# Six Year Plan



\*\*\*\*\* **DRAFT** \*\*\*\*\*

Capital Budget Estimations for FY2005 Through FY2010

\*\*\*\* Draft @ December 15, 2003\*\*\*\*

Programs/Projects		Funding Source	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010
1	Homeless Information Management System	Corporate:	\$35.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
2	Housing Loan Program/Teacher/Health Professionals	Corporate:	\$4,000.0	\$6,000.0	\$7,000.0	\$8,000.0	\$8,000.0	\$8,000.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	Supplemental Housing Development Program	Corporate:	\$4,300.0	\$6,000.0	\$6,500.0	\$7,000.0	\$7,000.0	\$7,000.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
4	Low Income Weatherization Program	Corporate:	\$2,529.0	\$5,500.0	\$6,000.0	\$6,500.0	\$7,000.0	\$7,000.0
		Federal:	\$1,800.0	\$1,400.0	\$1,400.0	\$1,400.0	\$1,400.0	\$1,400.0
5	Senior Citizens Housing Development Program	Corporate:	\$2,000.0	\$7,000.0	\$8,000.0	\$8,000.0	\$8,000.0	\$8,000.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
6	HUD Federal HOME Grant Program	Corporate:	\$750.0	\$750.0	\$750.0	\$750.0	\$750.0	\$750.0
		Federal:	\$3,175.0	\$3,318.0	\$3,318.0	\$3,318.0	\$3,318.0	\$3,318.0
7	HUD Capital Fund Program (CFP) formerly (CGP)	Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$500.0	\$500.0	\$1,250.0	\$3,500.0	\$3,500.0	\$3,500.0
8	Federal & Other Competitive Grants	Corporate:	\$1,000.0	\$1,250.0	\$1,250.0	\$1,250.0	\$1,250.0	\$1,250.0
		Federal:	\$3,000.0	\$3,000.0	\$3,000.0	\$3,000.0	\$3,000.0	\$3,000.0
9	Competitive Grants for Public Housing	Corporate:	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0
		Federal:	\$750.0	\$750.0	\$750.0	\$750.0	\$750.0	\$750.0
10	Energy Efficiency Monitoring Research	Corporate:	\$500.0	\$1,000.0	\$500.0	\$500.0	\$500.0	\$500.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
11	State Energy Program (SEP) Special Projects	Corporate:	\$50.0	\$30.0	\$30.0	\$30.0	\$30.0	\$30.0
		Federal:	\$483.5	\$150.0	\$150.0	\$150.0	\$150.0	\$150.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		Federal:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
1	MH - Homeless Assistance Program	Corporate:	\$250.0	\$500.0	\$500.0	\$500.0	\$500.0	\$500.0
		MHFF:	\$500.0	\$500.0	\$500.0	\$500.0	\$500.0	\$500.0
2	MH - Beneficiary & Special Needs Housing	Corporate:	\$1,200.0	\$1,750.0	\$2,000.0	\$2,000.0	\$2,000.0	\$2,000.0
		MHFF:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
3	MH - DHSS-Residential Housing Programs	Corporate:	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0	\$250.0
		MHFF:	\$150.0	\$150.0	\$150.0	\$150.0	\$150.0	\$150.0
		Corporate:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
		MHFF:	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
<b>Total Corporate Funded Capital Budget:</b>		Corporate:	\$17,114.0	\$30,280.0	\$33,030.0	\$35,030.0	\$35,530.0	\$35,530.0
<b>Total Federal Funded Capital Budget:</b>		Federal:	\$9,708.5	\$9,118.0	\$9,866.2	\$12,118.0	\$12,118.0	\$12,118.0
<b>Total MHFF Funded Capital Budget:</b>		MHFF:	\$650.0	\$650.0	\$650.0	\$650.0	\$650.0	\$650.0
<b>Total AHFC's Project Capital Budget:</b>			\$27,472.5	\$40,048.0	\$43,546.2	\$47,798.0	\$48,298.0	\$48,298.0
<b>AHFC Funding for Other State Projects</b>								
19	Water/Sewer/Waste (DEC)/State Bond/Debt/Other	Corporate:	\$31,992.0	\$18,826.0	\$16,076.0	\$2,591.0	\$19,076.0	\$15,826.0
<b>Transfer Type Funding</b>								
20	UAA Student Hsg Debt Service (FY1999 - FY2024)	Corporate:	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0	\$1,000.0
21	State Capital Project Bonds (FY1999 - FY2007)	Corporate:	\$50,000.0	\$50,000.0	\$50,000.0	\$20,235.0	\$0.0	\$0.0
22	PHD Capital Project Bonds (FY2003 - FY2008)	Corporate:	\$2,894.0	\$2,894.0	\$2,894.0	\$2,894.0	\$2,894.0	\$2,894.0
22	PHD Capital Project Bonds (FY2003 - FY2008)	Federal:	\$3,000.0	\$2,415.7	\$2,416.4	\$2,416.9	\$0.0	\$0.0
<b>Total AHFC Funding:</b>		Corporate:	\$103,000.0	\$103,000.0	\$103,000.0	\$61,750.0	\$58,500.0	\$55,250.0

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	FY2005 Capital Budget Request				FY2005 Capital Budget Request				
	Initial Request w/OMB adjustments - (ab)				SB257, SB258, HB376 & HB377				
	@ March 3, 2004				@ March 3, 2004				
	Federal	Other	Corp	Total	Federal	Other	Corp	Total	DUT
<b>Programs/Projects</b>									
<b>Total AHFC FY2002/2003 Net Income:</b>			\$67,077.0				\$67,077.0		
<b>Transfer Type Funding</b>									
UAA Student Hsg Debt Service (FY1999 - FY2024)			\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
State Capital Project Bonds (FY1999 - FY2008)			\$50,000.0	\$50,000.0			\$50,000.0	\$50,000.0	\$0.0
PHD Capital Project Bonds (FY2003 - FY2008)	\$3,000.0		\$2,894.0	\$5,894.0	\$3,000.0		\$2,894.0	\$5,894.0	\$0.0
<b>Total Other (Transfer Type) Funding:</b>	\$3,000.0	\$0.0	\$53,894.0	\$56,894.0	\$3,000.0	\$0.0	\$53,894.0	\$56,894.0	\$0.0
<b>1 Homeless Information Management System</b>			\$35.0	\$35.0			\$35.0	\$35.0	\$0.0
<b>2 Housing Loan Programs/Teacher/Health Professionals</b>			\$4,000.0	\$4,000.0			\$4,000.0	\$4,000.0	\$0.0
<b>3 Supplemental Housing Development Program</b>			\$4,300.0	\$4,300.0			\$4,300.0	\$4,300.0	\$0.0
<b>4 Low Income Weatherization Program</b>	\$1,800.0		\$2,529.0	\$4,329.0	\$1,800.0		\$2,529.0	\$4,329.0	\$0.0
<b>5 Senior Citizens Housing Development Program</b>			\$2,000.0	\$2,000.0			\$2,000.0	\$2,000.0	\$0.0
<b>6 HUD Federal HOME Grant Program</b>	\$3,175.0		\$750.0	\$3,925.0	\$3,175.0		\$750.0	\$3,925.0	\$0.0
<b>7 HUD Capital Fund Program (CFP) formerly (CGP)</b>	\$500.0		\$0.0	\$500.0	\$500.0		\$0.0	\$500.0	\$0.0
<b>8 Federal &amp; Other Competitive Grants</b>	\$3,000.0		\$1,000.0	\$4,000.0	\$3,000.0		\$1,000.0	\$4,000.0	\$0.0
<b>9 Competitive Grants for Public Housing</b>	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
<b>10 Energy Efficiency Monitoring Research</b>			\$500.0	\$500.0			\$500.0	\$500.0	\$0.0
<b>11 State Energy Program (SEP) Special Projects</b>	\$483.5		\$0.0	\$533.5	\$483.5		\$0.0	\$533.5	\$0.0
<b>1 Homeless Assistance Program</b>		\$500.0	\$250.0	\$750.0		\$500.0	\$250.0	\$750.0	\$0.0
<b>2 Beneficiary &amp; Special Needs Housing</b>			\$1,200.0	\$1,200.0			\$1,200.0	\$1,200.0	\$0.0
<b>Total AHFC's Capital Project Budget:</b>	\$9,708.5	\$500.0	\$16,864.0	\$27,072.5	\$9,708.5	\$500.0	\$16,864.0	\$27,072.5	\$0.0
<b>AHFC Funding for Other State Projects</b>									
<b>3 DHSS Residential Housing Programs</b>		\$150.0	\$250.0	\$400.0		\$150.0	\$250.0	\$400.0	\$0.0
<b>DEC - Water &amp; Sewer or Other Projects</b>			\$31,992.0	\$31,992.0			\$31,992.0	\$31,992.0	\$0.0
<b>DCED - Capital Projects</b>			\$0.0	\$0.0			\$0.0	\$0.0	\$0.0
<b>Other - State Debt Retirement</b>			\$0.0	\$0.0			\$0.0	\$0.0	\$0.0
<b>Total AHFC Funding for Other State Projects:</b>	\$0.0	\$150.0	\$32,242.0	\$32,392.0	\$0.0	\$150.0	\$32,242.0	\$32,392.0	\$0.0
<b>Grand Total AHFC Funding:</b>	\$12,708.5	\$650.0	\$103,000.0	\$116,358.5	\$12,708.5	\$650.0	\$103,000.0	\$116,358.5	\$0.0
<b>Total AHFC Funding Cap:</b>			\$103,000.0				\$103,000.0		
<b>Over/Under:</b>			\$0.0				\$0.0		

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Programs/Projects	Board Approved FY2004 Capital Budget Request @ November 7, 2002				FY2004 Capital Budget Request IICS CSSB 100(FIN)/Governor's Vetoes @ June 13, 2003				Diff
	Federal	Other	Corp	Total	Federal	Other	Corp	Total	
	<b>Total AHFC FY2002 Net Income:</b>								
<b>Transfer Type Funding</b>									
UAA Student Hsg Debt Service (FY1999 - FY2024)			\$1,000.0	\$1,000.0			\$0.0	\$0.0	(\$1,000.0)
State Capital Project Bonds (FY1999 - FY2008)			\$50,000.0	\$50,000.0			\$50,001.7	\$50,001.7	\$1.7
PHD Capital Project Bonds (FY2003 - FY2008)	\$3,000.0		\$5,100.0	\$8,100.0	\$3,000.0		\$3,000.0	\$6,000.0	(\$2,000.0)
<b>Total Other Transfer Type Funding:</b>	<b>\$3,000.0</b>	<b>\$0.0</b>	<b>\$56,100.0</b>	<b>\$59,000.0</b>	<b>\$3,000.0</b>	<b>\$0.0</b>	<b>\$53,001.7</b>	<b>\$56,001.7</b>	<b>(\$2,998.3)</b>
<b>1 Housing Loan Programs/Teacher Housing</b>									
	\$0.0		\$4,300.0	\$4,300.0			\$2,150.0	\$2,150.0	(\$2,150.0)
<b>2 Supplemental Housing Development Program</b>									
	\$0.0		\$4,300.0	\$4,300.0			\$4,300.0	\$4,300.0	\$0.0
<b>3 Low Income Weatherization Program</b>									
	\$1,800.0		\$4,000.0	\$5,800.0	\$1,800.0		\$3,000.0	\$4,800.0	(\$1,000.0)
<b>4 Senior Citizens Housing Development Program</b>									
	\$0.0	\$0.0	\$2,000.0	\$2,000.0			\$2,000.0	\$2,000.0	\$0.0
<b>5 HUD Federal HOME Grant Program</b>									
	\$3,159.0		\$750.0	\$3,909.0	\$3,159.0		\$750.0	\$3,909.0	\$0.0
<b>6 HUD Capital Fund Program (CFP) formerly (CGP)</b>									
	\$500.0		\$0.0	\$500.0	\$500.0			\$500.0	\$0.0
<b>7 Federal &amp; Other Competitive Grants</b>									
	\$3,300.0		\$1,250.0	\$4,550.0	\$3,000.0		\$1,000.0	\$4,000.0	(\$550.0)
<b>8 Competitive Grants for Public Housing</b>									
	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
<b>9 Energy Efficiency Monitoring Research</b>									
	\$0.0		\$1,000.0	\$1,000.0			\$500.0	\$500.0	(\$500.0)
<b>10 State Energy Program (SEP) Special Projects</b>									
	\$423.5		\$50.0	\$473.5	\$423.5		\$50.0	\$473.5	\$0.0
<b>1 Homeless Assistance Program</b>									
		\$500.0	\$250.0	\$750.0		\$500.0	\$250.0	\$750.0	\$0.0
<b>2 Beneficiary &amp; Special Needs Housing</b>									
			\$1,200.0	\$1,200.0			\$1,200.0	\$1,200.0	\$0.0
<b>Total AHFC's Capital Project Budget:</b>									
	<b>\$9,632.5</b>	<b>\$500.0</b>	<b>\$19,350.0</b>	<b>\$29,482.5</b>	<b>\$9,632.5</b>	<b>\$500.0</b>	<b>\$15,450.0</b>	<b>\$25,582.5</b>	<b>(\$3,900.0)</b>
<b>AHFC Funding for Other State Projects</b>									
3 DHSS - Residential Housing Programs		\$150.0	\$250.0	\$400.0		\$150.0	\$250.0	\$400.0	\$0.0
DEC - Water & Sewer Projects							\$24,602.2	\$24,602.2	\$24,602.2
DCEd - Capital Projects							\$835.0	\$835.0	\$835.0
Other - State Debt Retirement							\$4,861.1	\$4,861.1	\$4,861.1
<b>Total AHFC Funding for Other State Projects:</b>	<b>\$0.0</b>	<b>\$150.0</b>	<b>\$250.0</b>	<b>\$400.0</b>	<b>\$0.0</b>	<b>\$150.0</b>	<b>\$34,548.3</b>	<b>\$34,698.3</b>	<b>\$34,298.3</b>
<b>Grand Total AHFC Funding:</b>	<b>\$12,632.5</b>	<b>\$650.0</b>	<b>\$75,600.0</b>	<b>\$88,882.5</b>	<b>\$12,632.5</b>	<b>\$650.0</b>	<b>\$103,000.0</b>	<b>\$116,280.5</b>	<b>\$27,400.0</b>
<b>Total AHFC Funding Cap:</b>			<b>\$75,600.0</b>				<b>\$103,000.0</b>		
<b>Over/(Under):</b>			<b>\$0.0</b>				<b>(\$0.0)</b>		

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Programs/Projects	Governor's Budget				CSSB 2006, IIB-403, IIB-404				
	FY2003 Capital Budget Request				FY2003 Capital Budget Request				
	@ December 15, 2001				@ May 20, 2002				
	Federal	Other	Corp	Total	Federal	Other	Corp	Total	Diff
<b>PHD Construction Projects ***New***</b>		\$55,249.8		\$55,249.8		\$55,249.8	\$0.0	\$55,249.8	\$0.0
a Senior & Statewide Renovation & Replacement		\$0.000							
b Chugach Manor Renovation - Anchorage		\$5,435.0							
c Glacier View Renovation - Seward		\$1,820.0							
d Sea View Terrace Renovation - Ketchikan		\$3,508.0							
e Pacific Terrace Replacement - Kodiak		\$11,426.0							
f HUD's Capital Fund Program Projects		\$14,251.8							
g Ptarmigan Park Renovation - Anchorage		\$1,764.0							
h Sunset View Renovation - Cordova		\$1,935.0							
i Alpine Terrace Renovation - Anchorage		\$6,450.0							
j Anchorage Family Investment Center Renovation		\$2,100.0							
<b>2 Supplemental Housing Development Program</b>			\$4,500.0	\$4,500.0	\$0.0		\$4,300.0	\$4,300.0	(\$200.0)
<b>3 Low Income Weatherization Program</b>	\$1,500.0		\$4,000.0	\$5,500.0	\$1,500.0		\$3,000.0	\$4,500.0	(\$1,000.0)
<b>4 Senior Citizens Housing Development Program</b>			\$1,975.2	\$1,975.2	\$0.0	\$600.0	\$1,375.2	\$1,975.2	\$0.0
<b>5 St. &amp; Statewide Deferred Maint. &amp; Renovation</b>	\$500.0			\$500.0	\$500.0		\$0.0	\$500.0	\$0.0
<b>6 HUD Federal HOME Grant Program</b>	\$3,159.0		\$750.0	\$3,909.0	\$3,159.0		\$750.0	\$3,909.0	\$0.0
<b>7 Pacific Terrace Replacement Ph I - Kodiak ***New***</b>	\$500.0		\$0.0	\$500.0	\$500.0		\$0.0	\$500.0	\$0.0
<b>8 HUD Capital Fund Program (CFP) formerly (CGP)</b>	\$500.0			\$500.0	\$500.0		\$0.0	\$500.0	\$0.0
<b>9 Federal &amp; Other Competitive Grants</b>	\$3,000.0		\$1,250.0	\$4,250.0	\$3,000.0		\$1,250.0	\$4,250.0	\$0.0
<b>10 Competitive Grants for Public Housing</b>	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
<b>11 Energy Efficiency Monitoring Research</b>			\$300.0	\$300.0	\$0.0		\$300.0	\$300.0	\$0.0
<b>12 State Energy Program (SEP) Special Projects</b>	\$150.0		\$30.0	\$180.0	\$150.0		\$30.0	\$180.0	\$0.0
<b>13 Central Terrace Renovation IV ***Re-New***</b>	\$750.0			\$750.0	\$750.0			\$750.0	\$0.0
<b>r. Housing Loan Programs ***New***</b>			\$4,000.0	\$4,000.0	\$0.0		\$0.0	\$0.0	(\$4,000.0)
1 Homeless Assistance Program		\$500.0	\$500.0	\$1,000.0		\$500.0	\$250.0	\$750.0	(\$250.0)
2 Beneficiary & Special Needs Housing			\$800.0	\$800.0			\$1,500.0	\$1,500.0	\$700.0
<b>Total AHFC's Capital Project Bndg.</b>	<b>\$11,109.0</b>	<b>\$55,249.8</b>	<b>\$18,355.2</b>	<b>\$84,714.0</b>	<b>\$11,109.0</b>	<b>\$56,349.8</b>	<b>\$13,005.2</b>	<b>\$80,464.0</b>	<b>(\$4,250.0)</b>
<b>AHFC Funding for Other State Projects</b>									
<b>3 DHSS - Residential Housing Programs</b>		\$150.0	\$100.0	\$250.0		\$150.0	\$0.0	\$150.0	(\$100.0)
<b>4 DHSS - Brother Francis Shelter Replacement ***New***</b>			\$500.0	\$500.0			\$500.0	\$500.0	\$0.0
DEC - Water & Sewer Projects			\$21,401.8	\$21,401.8		\$4,400.0	\$18,318.8	\$25,718.8	\$1,317.0
DOT							\$1,276.0	\$1,276.0	\$1,276.0
DEED							\$200.0	\$200.0	\$200.0
<b>Total AHFC Capital Project Funding:</b>	<b>\$11,109.0</b>	<b>\$55,899.8</b>	<b>\$40,357.0</b>	<b>\$107,365.8</b>	<b>\$11,109.0</b>	<b>\$60,899.8</b>	<b>\$33,300.0</b>	<b>\$105,308.8</b>	<b>(\$3,533.0)</b>
<b>Transfer Type Funding</b>									
UAA Student Hsg. Debt Service (FY1999 - FY2024)			\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
Sale Capital Project Bonds (FY1999 - FY2005)			\$50,000.0	\$50,000.0			\$50,000.0	\$50,000.0	\$0.0
PHD Capital Project Bonds (FY2003 - FY2008)	\$3,000.0		\$4,943.0	\$7,943.0			\$0.0	\$0.0	(\$7,943.0)
Alaska Debt Retirement Fund							\$18,700.0	\$18,700.0	\$18,700.0
<b>Total Other (Transfer Type) Funding:</b>	<b>\$3,000.0</b>	<b>\$0.0</b>	<b>\$55,943.0</b>	<b>\$58,943.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$69,700.0</b>	<b>\$69,700.0</b>	<b>\$10,757.0</b>
<b>Total AHFC Funding</b>	<b>\$11,109.0</b>	<b>\$55,899.8</b>	<b>\$96,300.0</b>	<b>\$163,308.8</b>	<b>\$11,109.0</b>	<b>\$60,899.8</b>	<b>\$103,000.0</b>	<b>\$175,008.8</b>	<b>\$12,694.0</b>
<b>Total AHFC Funding Cap (FY2001 Net Income)</b>			<b>\$96,300.0</b>				<b>\$103,000.0</b>		<b>\$6,700.0</b>
<b>Over (Under)</b>			<b>\$0.0</b>				<b>\$0.0</b>		<b>\$0.0</b>

\*\*\*New\*\*\* meant new project/program on this year's Capital Budget list

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		Governor's				SB29, HB103 & HB104				
		FY2002 Capital Budget Request				FY2002 Capital Budget				
		@ December 15, 2000				@ May 7, 2001				
		Federal	Other	Corp	Total	Federal	Other	Corp	Total	Diff
<b>Programs/Projects</b>										
1	Supplemental Housing Development Program			\$6,000.0	\$6,000.0			\$4,500.0	\$4,500.0	(\$1,500.0)
2	Low Income Weatherization Program	\$1,400.0		\$4,000.0	\$5,400.0	\$1,400.0		\$3,000.0	\$4,400.0	(\$1,000.0)
3	Paxton Manor Replacement **New**			\$2,401.0	\$2,401.0			\$2,401.0	\$2,401.0	\$0.0
4	Chugach View Renovation Ph. II - Anch (Senior)	\$2,000.0		\$2,697.0	\$4,697.0	\$2,000.0		\$2,697.0	\$4,697.0	\$0.0
5	Senior Citizens Housing Development Program			\$1,472.2	\$1,472.2			\$1,472.2	\$1,472.2	\$0.0
6	Sr. & Statewide Deferred Maint. & Renovation	\$500.0		\$2,000.0	\$2,500.0	\$500.0		\$1,070.3	\$1,570.3	(\$929.7)
7	HUD Capital Fund Program (CFP) formerly (CGP)	\$3,500.0			\$3,500.0	\$3,500.0			\$3,500.0	\$0.0
8	HUD Federal HOME Grant Program	\$3,050.0		\$750.0	\$3,800.0	\$3,050.0		\$250.0	\$3,300.0	(\$500.0)
9	Federal & Other Competitive Grants	\$3,000.0		\$1,250.0	\$4,250.0	\$3,000.0		\$1,250.0	\$4,250.0	\$0.0
10	Competitive Grants for Public Housing	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
11	Energy Efficiency Monitoring Research			\$300.0	\$300.0			\$300.0	\$300.0	\$0.0
12	State Energy Program (SEP) Special Projects	\$150.0		\$30.0	\$180.0	\$150.0		\$30.0	\$180.0	\$0.0
1	Homeless Assistance Program		\$200.0	\$250.0	\$450.0		\$200.0	\$250.0	\$450.0	\$0.0
2	Beneficiary & Special Needs Housing			\$1,500.0	\$1,500.0			\$1,500.0	\$1,500.0	\$0.0
<b>Total AHFC's Capital Project Budget:</b>		<b>\$14,350.0</b>	<b>\$200.0</b>	<b>\$22,900.2</b>	<b>\$37,450.2</b>	<b>\$14,350.0</b>	<b>\$200.0</b>	<b>\$18,970.5</b>	<b>\$33,520.5</b>	<b>(\$3,929.7)</b>
<b>AHFC Funding for Other State Projects</b>										
Housing Modification Program - Special Needs			\$150.0	\$100.0	\$250.0		\$150.0	\$100.0	\$250.0	\$0.0
DOA				\$0.0	\$0.0			\$250.0	\$250.0	\$250.0
Water, Sewer, Waste (DEC) & Other				\$28,999.8	\$28,999.8			\$28,250.0	\$28,250.0	(\$749.8)
Department of Community and Economic Dev.				\$0.0	\$0.0			\$800.0	\$800.0	\$800.0
Department of Labor and Workforce Development				\$0.0	\$0.0			\$100.0	\$100.0	\$100.0
Anchorage Senior Center Matching Funds				\$0.0	\$0.0			\$0.0	\$0.0	\$0.0
Corrections				\$0.0	\$0.0			\$400.0	\$400.0	\$400.0
Public Safety				\$0.0	\$0.0			\$3,075.9	\$3,075.9	\$3,075.9
DoA				\$0.0	\$0.0			\$53.6	\$53.6	\$53.6
<b>Total AHFC Capital Project Funding:</b>		<b>\$14,350.0</b>	<b>\$350.0</b>	<b>\$52,000.0</b>	<b>\$66,700.0</b>	<b>\$14,350.0</b>	<b>\$350.0</b>	<b>\$52,000.0</b>	<b>\$66,700.0</b>	<b>(\$0.0)</b>
<b>Transfer Type Funding</b>										
UAA Student Hsg Debt Service (FY1999 - FY2024)				\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
State Capital Project Bonds (FY1999 - FY2008)				\$4,000.0	\$4,000.0			\$4,000.0	\$4,000.0	\$0.0
State Debt Retirement Fund				\$6,000.0	\$6,000.0			\$6,000.0	\$6,000.0	\$0.0
<b>Total Other (Transfer Type) Funding:</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$11,000.0</b>	<b>\$11,000.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$11,000.0</b>	<b>\$11,000.0</b>	<b>\$0.0</b>
<b>Total AHFC Funding</b>		<b>\$14,350.0</b>	<b>\$350.0</b>	<b>\$103,000.0</b>	<b>\$117,700.0</b>	<b>\$14,350.0</b>	<b>\$350.0</b>	<b>\$103,000.0</b>	<b>\$117,700.0</b>	<b>(\$0.0)</b>
<b>Total AHFC Funding Cap</b>				<b>\$103,000.0</b>				<b>\$103,000.0</b>		
<b>Over (Under)</b>				<b>\$0.0</b>				<b>(\$0.0)</b>		

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Alaska Housing FINANCE CORPORATION		FY 2001 Draft Capital Budget Proposal @ December 15, 1999				SB192, HB312, HB313 & HB291 FY2001 Capital Budget @ May 4, 2000				
		Federal	Other	Corp	Total	Federal	Other	Corp	Total	Diff
		Programs/Projects								
1	Supplemental Housing Development Program			\$6,000.0	\$6,000.0			\$3,900.0	\$3,900.0	(\$2,100.0)
2	Low Income Weatherization Program	\$1,400.0		\$4,000.0	\$5,400.0	\$1,400.0		\$2,000.0	\$3,400.0	(\$2,000.0)
3	Senior Citizens Housing Development Program			\$2,253.5	\$2,253.5			\$2,253.5	\$2,253.5	\$0.0
4	Sr. & Statewide Deferred Maint. & Renovation	\$500.0		\$2,000.0	\$2,500.0	\$500.0	\$800.0	\$1,022.2	\$2,322.2	(\$177.8)
5	Eyak Manor Renovation - Cordova			\$1,600.0	\$1,600.0		\$1,600.0	\$0.0	\$1,600.0	\$0.0
6	Central Terrace Fairmont - Ph. III			\$2,072.0	\$2,072.0			\$715.0	\$715.0	(\$1,357.0)
7	Chugach View Renovation Ph. I - Anch (Senior)	\$2,000.0		\$2,000.0	\$4,000.0	\$2,000.0	\$2,000.0	\$0.0	\$4,000.0	\$0.0
8	Sea View Terrace Renovation - Ketchikan (Senior)			\$600.0	\$600.0			\$0.0	\$0.0	(\$600.0)
9	HUD Capital Fund Program (CFP) formerly (CGP)	\$3,500.0			\$3,500.0	\$3,500.0			\$3,500.0	\$0.0
10	HUD Federal HOME Grant Program	\$3,053.0		\$70.0	\$3,093.0	\$3,053.0		\$70.0	\$3,093.0	\$0.0
11	Federal & Other Competitive Grants	\$1,500.0		\$1,250.0	\$2,750.0	\$1,500.0		\$1,000.0	\$2,500.0	(\$250.0)
12	Competitive Grants for Public Housing	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
13	Energy Efficiency Monitoring Research	\$500.0		\$450.0	\$950.0	\$500.0		\$450.0	\$950.0	\$0.0
14	Builder & Rater Education Program			\$200.0	\$200.0			\$0.0	\$0.0	(\$200.0)
15	State Energy Program (SEP) Special Projects	\$150.0		\$30.0	\$180.0	\$150.0		\$30.0	\$180.0	\$0.0
16	Homeless Assistance Program		\$200.0	\$250.0	\$450.0		\$200.0	\$250.0	\$450.0	\$0.0
17	Beneficiary & Special Needs Housing			\$1,500.0	\$1,500.0			\$1,500.0	\$1,500.0	\$0.0
<b>Total AHFC's Capital Project Budget:</b>		<b>\$13,353.0</b>	<b>\$200.0</b>	<b>\$25,205.5</b>	<b>\$38,758.5</b>	<b>\$13,353.0</b>	<b>\$4,600.0</b>	<b>\$14,120.7</b>	<b>\$32,073.7</b>	<b>(\$6,684.8)</b>
<b>AHFC Funding for Other State Projects</b>										
18	Housing Modification Program - Special Needs		\$150.0	\$100.0	\$250.0		\$150.0	\$100.0	\$250.0	\$0.0
19	Fbks Reopen Fairviewcamp Residential Facility			\$395.0	\$395.0			\$395.0	\$395.0	\$0.0
20	API Stop Gap Repairs			\$154.5	\$154.5			\$154.5	\$154.5	\$0.0
21	Water-Sewer Waste (DEW)			\$24,306.9	\$24,306.9			\$27,408.3	\$27,408.3	\$3,091.4
22	Pioneer Homes (DOA)			\$1,838.1	\$1,838.1			\$600.0	\$600.0	(\$1,238.1)
23	Dept. of Corrections							\$1,160.0	\$1,160.0	\$1,160.0
24	Dept. of Education							\$237.6	\$237.6	\$237.6
25	Dept. of Health & Social Services							\$6,134.4	\$6,134.4	\$6,134.4
26	University of Alaska							\$1,697.6	\$1,697.6	\$1,697.6
<b>Total AHFC Capital Project Funding:</b>		<b>\$13,353.0</b>	<b>\$350.0</b>	<b>\$52,000.0</b>	<b>\$65,703.0</b>	<b>\$13,353.0</b>	<b>\$4,750.0</b>	<b>\$52,000.0</b>	<b>\$70,103.0</b>	<b>\$4,400.0</b>
<b>Transfer Type Funding</b>										
27	UAA Student Hsg. Debt Service (FY1999 - FY2024)			\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
28	State Capital Project Bonds (FY1999 - FY2006)			\$34,992.5	\$34,992.5			\$34,992.5	\$34,992.5	\$0.0
29	State Debt Retirement Fund			\$15,007.5	\$15,007.5			\$15,007.5	\$15,007.5	\$0.0
<b>Total Other (Transfer Type) Funding:</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$51,000.0</b>	<b>\$51,000.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$51,000.0</b>	<b>\$51,000.0</b>	<b>\$0.0</b>
<b>Total AHFC Funding</b>		<b>\$13,353.0</b>	<b>\$200.0</b>	<b>\$103,000.0</b>	<b>\$116,703.0</b>	<b>\$13,353.0</b>	<b>\$4,750.0</b>	<b>\$103,000.0</b>	<b>\$121,103.0</b>	<b>\$4,400.0</b>
<b>Total AHFC Funding Cap</b>				<b>\$103,000.0</b>				<b>\$103,000.0</b>		
<b>Over (Under)</b>				<b>\$0.0</b>				<b>\$0.0</b>		

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 Alaska Housing FINANCE CORPORATION Programs/Projects		Governor's				SB 32 / HB50/HB51/HB52				
		FY2000 CAPITAL BUDGET Request				@ May 18, 1999				
		Draft @ December 15, 1998				Federal	Other	Corp	Total	Diff
1	Supplemental Housing Development Program			\$9,000.0	\$9,000.0			\$3,868.0	\$3,868.0	(\$5,132.0)
2	Low Income Weatherization Program	\$1,400.0		\$4,000.0	\$5,400.0	\$1,400.0		\$1,000.0	\$2,400.0	(\$3,000.0)
3	Senior Citizens Housing Development Program			\$4,000.0	\$4,000.0			\$0.0	\$0.0	(\$4,000.0)
3a	Talkeetna Senior Housing			\$0.0	\$0.0			\$278.0	\$278.0	\$278.0
4	Parkview Manor Renovation Ph. II- Anchorage			\$3,000.0	\$3,000.0			\$3,000.0	\$3,000.0	\$0.0
5	Mountain View - Juneau Phase II (Senior Units)			\$3,917.0	\$3,917.0			\$3,917.0	\$3,917.0	\$0.0
6	Sr. & Statewide Deferred Maint. & Renovation	\$500.0		\$3,500.0	\$4,000.0	\$500.0		\$1,690.5	\$2,190.5	(\$1,809.5)
7	Riverbend Multi-Purpose Building			\$500.0	\$500.0			\$0.0	\$0.0	(\$500.0)
8	HUD Comprehensive Grant Program (CGP)	\$2,800.0		\$0.0	\$2,800.0	\$2,800.0		\$0.0	\$2,800.0	\$0.0
9	Public Housing Environ. Cleanup/Abatement			\$303.0	\$303.0			\$303.0	\$303.0	\$0.0
10	Central Terrace/Fairmount - Ph. III			\$724.0	\$724.0			\$0.0	\$0.0	(\$724.0)
11	Southall Manor Renovation			\$4,715.0	\$4,715.0			\$4,715.0	\$4,715.0	\$0.0
12	HUD Federal HOME Grant Program	\$3,000.0		\$750.0	\$3,750.0	\$3,000.0		\$750.0	\$3,750.0	\$0.0
13	Federal & Other Competitive Grants	\$1,500.0		\$1,250.0	\$2,750.0	\$1,500.0		\$750.0	\$2,250.0	(\$500.0)
14	Competitive Grants for Public Housing	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
15	Energy Efficiency Monitoring Research			\$350.0	\$350.0			\$0.0	\$0.0	(\$350.0)
16	Builder & Rater Education Program			\$300.0	\$300.0			\$0.0	\$0.0	(\$300.0)
17 <sup>a</sup>	Homeless Assistance Program	(Mental Health Div)	\$200.0	\$250.0	\$450.0	\$200.0		\$250.0	\$450.0	\$0.0
18 <sup>a</sup>	Beneficiary & Special Needs Housing	(Mental Health Div)		\$1,700.0	\$1,700.0			\$1,700.0	\$1,700.0	\$0.0
<b>Total FY2000 AHFC's Project Capital Budget:</b>		\$9,950.0	\$200.0	\$38,509.0	\$48,659.0	\$9,950.0	\$200.0	\$22,471.5	\$32,621.5	(\$16,037.5)
<b>AHFC Funding for Other State Projects</b>										
Misc.									\$0.0	\$0.0
19 <sup>a</sup>	Hsg. modifications for People w/ Spec. Needs (DHSS)	(Mental Health Div)		\$250.0	\$250.0			\$250.0	\$250.0	\$0.0
20	Water/Sewer/Waste (DEC)			\$13,241.0	\$13,241.0			\$29,916.8	\$29,916.8	\$16,675.8
21	UAA Student Hsg. Debt Service (Start FY99)			\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
<b>Total AHFC Capital Project Funding:</b>		\$9,950.0	\$200.0	\$53,000.0	\$63,150.0	\$9,950.0	\$200.0	\$53,638.3	\$63,788.3	\$638.3
<b>Transfer Type Funding</b>										
22	FY99 Deferred Maintenance Debt Service (est.)			\$18,000.0	\$18,000.0			\$18,000.0	\$18,000.0	\$0.0
23	School Funding			\$17,444.0	\$17,444.0			\$17,444.0	\$17,444.0	\$0.0
24	Debt Retirement Fund			\$14,556.0	\$14,556.0			\$14,556.0	\$14,556.0	\$0.0
25	Municipal Matching Grants							\$0.0	\$0.0	\$0.0
<b>Total Other (Transfer Type) Funding:</b>		\$0.0	\$0.0	\$50,000.0	\$50,000.0	\$0.0	\$0.0	\$50,000.0	\$50,000.0	\$0.0
<b>Total AHFC FY2000 Funding</b>		\$9,950.0	\$200.0	\$103,000.0	\$48,659.0			\$103,638.3		
<b>Total AHFC FY2000 Funding Cap</b>				\$103,000.0				\$103,638.3		
<b>Over/(Under)</b>				\$0.0				\$0.0		

<sup>a</sup> Includes FY99 Leasing Funds

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Programs/Projects

Governor's

**FY99 CAPITAL BUDGET Request**  
@ December 15, 1997

**SB 231 / HB 326 / HB 325**  
@ June 23, 1998

Programs/Projects	FY99 CAPITAL BUDGET Request @ December 15, 1997				SB 231 / HB 326 / HB 325 @ June 23, 1998				
	Federal	Other	Corp	Total	Federal	Other	Corp	Total	Diff
1 Supplemental Housing Development Grant			\$9,000.0	\$9,000.0			\$4,000.0	\$4,000.0	(\$5,000.0)
2 Central Terrace/Fairmount - Ph. II	\$1,300.0		\$864.0	\$2,164.0	\$1,300.0		\$0.0	\$1,300.0	(\$864.0)
3 AHFC Mainframe Software - Upgrade/Replace	\$250.0		\$165.0	\$415.0	\$250.0		\$165.0	\$415.0	\$0.0
4 Low Income Weatherization	\$1,200.0		\$6,500.0	\$7,700.0	\$4,200.0	(Dept. of Energy) (\$1,000.0)	\$1,000.0	\$5,200.0	(\$2,500.0)
5 Sr. & Statewide Deferred Maint. & Renovation	\$450.0		\$3,700.0	\$4,150.0	\$450.0		\$1,000.0	\$1,450.0	(\$2,700.0)
6 Senior Citizens Housing Development Program			\$2,050.0	\$2,050.0			\$2,050.0	\$2,050.0	\$0.0
7 Homeless Assistance Program			\$1,250.0	\$1,250.0			\$250.0	\$250.0	(\$1,000.0)
8 HUD Comprehensive Grant Program	\$2,900.0			\$2,900.0	\$2,900.0			\$2,900.0	\$0.0
9 HUD Federal HOME Grant	\$3,000.0		\$750.0	\$3,750.0	\$3,000.0		\$750.0	\$3,750.0	\$0.0
10 Public Housing Environ. Cleanup/Abatement			\$1,000.0	\$1,000.0		\$1,000.0	\$0.0	\$1,000.0	\$0.0
11 Mountain View - Juneau Phase I (Senior Units)			\$2,120.0	\$2,120.0			\$2,120.0	\$2,120.0	\$0.0
12 Parkview Manor - Anchorage	\$1,000.0		\$2,500.0	\$3,500.0	\$1,000.0		\$2,500.0	\$3,500.0	\$0.0
13 Energy Conservation Retrofit			\$500.0	\$500.0			\$0.0	\$0.0	(\$500.0)
14a Federal & Other Competitive Grants	\$3,000.0		\$1,250.0	\$4,250.0	\$3,000.0		\$500.0	\$3,500.0	(\$750.0)
14b Transitional Housing			\$250.0	\$250.0			\$0.0	\$0.0	(\$250.0)
15 Competitive Grants for Public Housing	\$750.0		\$250.0	\$1,000.0	\$750.0		\$250.0	\$1,000.0	\$0.0
16 Oil Overcharge Settlement (PVE)	\$2,500.0			\$2,500.0	\$0.0			\$0.0	(\$2,500.0)
17 Alaska Craftsman & Home Energy Rating Prog.			\$450.0	\$450.0			\$300.0	\$300.0	(\$150.0)
<b>Total FY99 AHFC's Project Capital Budget:</b>	<b>\$16,350.0</b>	<b>\$0.0</b>	<b>\$32,599.0</b>	<b>\$48,949.0</b>	<b>\$16,850.0</b>	<b>\$1,000.0</b>	<b>\$14,895.0</b>	<b>\$32,735.0</b>	<b>(\$16,214.0)</b>
<b>AHFC Funding for Other State Projects</b>									
18 Beneficiary & Spec. Needs Hsg Prog (DHSS)	(Mental Health Bill)		\$1,800.0	\$1,800.0			\$1,200.0	\$1,200.0	(\$600.0)
19 Pioneers' Homes Dementia Units (DOA)	(Mental Health Bill)		\$200.0	\$200.0			\$200.0	\$200.0	\$0.0
20 Vocational Rehab Home Modifications (DOE)			\$150.0	\$150.0			\$100.0	\$100.0	(\$50.0)
21 Pioneers' Homes Health an Safety Repairs (DOA)			\$700.0	\$700.0			\$0.0	\$0.0	(\$700.0)
22 Water/Sewer/Waste (DEC)			\$16,351.0	\$16,351.0			\$14,765.0	\$14,765.0	\$1,586.0
23 Electronic Access to Property Files (DEC)			\$200.0	\$200.0			\$0.0	\$0.0	(\$200.0)
24 Recorder's Office Equipment (DNR)			\$0.0	\$0.0			\$150.0	\$150.0	\$150.0
25 Emergency and Non-Routine Repairs (DOTPF)			\$0.0	\$0.0			\$300.0	\$300.0	\$300.0
26 University Statewide Museum (UA)			\$0.0	\$0.0			\$300.0	\$300.0	\$300.0
27 Boys and Girls Club (DOA)			\$0.0	\$0.0			\$230.0	\$230.0	\$230.0
28 Nome's Fire Truck (DOA)			\$0.0	\$0.0			\$150.0	\$150.0	\$150.0
29 SB36 Fiscal Note			\$0.0	\$0.0			\$17,444.0	\$17,444.0	\$17,444.0
30 UAA Student Hsg Debt Service (Start FY99)			\$1,000.0	\$1,000.0			\$1,000.0	\$1,000.0	\$0.0
Debt Service for FY99 Capital Projects			\$0.0	\$0.0			\$7,856.1	\$7,856.1	\$7,856.1
Remainder for Transfer			\$50,000.0	\$50,000.0			\$24,019.9	\$24,019.9	\$24,019.9
<b>Total FY99 Other Funding:</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$70,401.0</b>	<b>\$70,401.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$88,115.0</b>	<b>\$88,115.0</b>	<b>\$67,714.0</b>
<b>Total AHFC FY99 Funding</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$103,000.0</b>	<b>\$69,350.0</b>	<b>\$0.0</b>	<b>\$1,000.0</b>	<b>\$103,000.0</b>	<b>\$120,850.0</b>	<b>\$51,500.0</b>
<b>Total AHFC FY99 Funding Cap</b>			<b>\$103,000.0</b>				<b>\$103,000.0</b>		
<b>Over(Under)</b>			<b>\$0.0</b>				<b>\$0.0</b>		

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February 27, 1997

July 1, 1997

	FY98 CAPITAL BUDGET REQUEST					FY98 CAPITAL BUDGET HB 75, HB 76 & SB107				
	Federal	Other	Corp	Corp Match	Total	Federal	Other	Corp	Total	DN
1 Central Terrace/Fairmount/Rec Center - Ph 1			\$1,500.0		\$1,500.0			\$1,500.0	\$1,500.0	\$0.0
2 AHFC Computer Mainframe - Renovation			\$350.0		\$350.0		\$104.2	\$104.2	\$104.2	(\$165.0)
3 Homeless Assistance Program	Special Health B		\$750.0		\$750.0			\$250.0	\$250.0	(\$500.0)
5 Low Income Weatherization	\$1,200.0		\$6,527.5		\$7,727.5	\$1,200.0		\$4,000.0	\$5,200.0	(\$2,527.5)
6 Supplemental Housing Development Program	\$4,000.0 (HUD To RHAs)		\$0,000.0	\$0,000.0	\$4,000.0			\$6,000.0	\$6,000.0	(\$2,000.0)
8 Public Housing Environmental Cleanup/Abate			\$1,000.0		\$1,000.0			\$500.0	\$500.0	(\$500.0)
9 Senior and Statewide Deferred Maintenance	\$988.9		\$2,000.0		\$2,988.9	\$988.9		\$1,000.0	\$1,988.9	(\$1,000.0)
10 Spruce Park Renovation - Fairbanks	\$350.0		\$7,000.0		\$7,350.0	\$350.0		\$7,000.0	\$7,350.0	\$0.0
11 Senior Citizens Housing Development Program			\$3,300.0		\$3,300.0			\$0.0	\$0.0	(\$3,300.0)
Elder Services, Inc.								\$240.1	\$240.1	\$240.1
Homer Seniors, Inc.								\$201.7	\$201.7	\$201.7
North Pole Seniors, Inc.								\$625.0	\$625.0	\$625.0
Palmer Senior Citizens, Inc.								\$675.0	\$675.0	\$675.0
12 HUD Comprehensive Grant Program	\$3,100.0				\$3,100.0	\$3,100.0			\$3,100.0	\$0.0
13 HUD Federal HOME Grant	\$3,000.0		\$750.0	\$750.0	\$3,750.0	\$3,000.0		\$750.0	\$3,750.0	\$0.0
14 Federal & Other Competitive Grants	\$3,000.0		\$1,500.0	\$2,000.0	\$4,500.0	\$3,000.0		\$500.0	\$3,500.0	(\$1,000.0)
15 Oil Overcharge Settlement (PVE)	\$2,500.0	Strayer			\$2,500.0	\$600.0			\$600.0	(\$1,900.0)
16 Competitive Grants for Public Housing	\$2,000.0		\$1,000.0	\$1,000.0	\$3,000.0	\$2,000.0		\$250.0	\$2,250.0	(\$750.0)
17 Energy Conservation Retrofit			\$530.0		\$530.0			\$450.0	\$450.0	(\$80.0)
18 Alaska Craftsman Home Program			\$300.0		\$300.0			\$0.0	\$0.0	(\$300.0)
19 Energy Rated Homes of Alaska Program			\$300.0		\$300.0			\$0.0	\$0.0	(\$300.0)
<b>Total FY98 AHFC's Project Capital Budget</b>	<b>\$16,138.9</b>	<b>\$0.0</b>	<b>\$34,887.5</b>	<b>\$0.0</b>	<b>\$50,946.4</b>	<b>\$14,238.9</b>	<b>\$0.0</b>	<b>\$24,214.0</b>	<b>\$38,452.9</b>	<b>(\$12,493.5)</b>
<b>Other Agency Funding</b>										
DHSS - Beneficiary & Spec. Needs Hsg Program	Special Health B		\$1,000.0		\$1,000.0			\$1,200.0	\$1,200.0	(\$200.0)
DOA - Pioneer Homes Dementia Units	Special Health B		\$52.5		\$52.5			\$52.5	\$52.5	\$0.0
DHSS - Hopsa Cottages	Special Health B		\$200.0		\$200.0			\$200.0	\$200.0	\$0.0
DHSS - Trust Beneficiaries	Special Health B		\$150.0		\$150.0			\$150.0	\$150.0	\$0.0
DHSS - General Relief Assistance	Operating Bill							\$500.0	\$500.0	\$500.0
Municipal Matching Grants								\$5,000.0	\$5,000.0	\$5,000.0
Dept. of Administration								\$700.0	\$700.0	\$700.0
Dept. of Commerce & Economic Development								\$25.0	\$25.0	\$25.0
Dept. of Community & Regional Affairs								\$205.0	\$205.0	\$205.0
Dept. of Education								\$500.0	\$500.0	\$500.0
DBC housing Sanitation Program			\$14,000.0		\$14,000.0			\$14,000.0	\$14,000.0	\$0.0
Dept. of Health & Social Services								\$2,344.0	\$2,344.0	\$2,344.0
DHSS - Johnson Youth Center								\$1,500.0	\$1,500.0	\$1,500.0
Dept. of Military & Veteran Affairs								\$1,500.0	\$1,500.0	\$1,500.0
Dept. of Natural Resources								\$1,500.0	\$1,500.0	\$1,500.0
Dept. of Transportation								\$7,200.0	\$7,200.0	\$7,200.0
University of Alaska								\$450.0	\$450.0	\$450.0
Legislature								\$100.0	\$100.0	\$100.0
Pioneer Homes Renovation, Repair & Modifican			\$700.0		\$700.0			\$0.0	\$0.0	(\$700.0)
DOE - MEHS Repairs, Renovation and Equipment			\$250.0		\$250.0			\$0.0	\$0.0	(\$250.0)
DOE - AVTSC Roof Repairs			\$250.0		\$250.0			\$0.0	\$0.0	(\$250.0)
DOE - Vocational Rehab Home Modif. - Disability			\$150.0		\$150.0			\$0.0	\$0.0	(\$150.0)
<b>Total FY98 Other Agency Funding</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$18,192.5</b>	<b>\$0.0</b>	<b>\$18,192.5</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$38,293.6</b>	<b>\$38,293.6</b>	<b>\$20,107.1</b>
<b>Direct Transfers of AHFC Funds</b>										
Direct Transfer (including Dividend) to State			\$50,000.0		\$50,000.0			\$50,000.0	\$50,000.0	\$0.0
State Mortgage Insurance Fund Dividend								\$20,000.0		\$0.0
UAA Student Hsg Debt Service (Start FY99)					\$0.0				\$0.0	\$0.0
<b>Total FY98 Capital Budget and Transfers:</b>	<b>\$16,138.9</b>	<b>\$0.0</b>	<b>\$103,080.0</b>	<b>\$0.0</b>	<b>\$119,138.9</b>	<b>\$14,238.9</b>	<b>\$0.0</b>	<b>\$132,513.6</b>	<b>\$126,752.5</b>	<b>\$7,613.6</b>
<b>FY97 Supplemental Appropriations</b>										
Alaska Craftsman Home Program								\$0.0	\$0.0	\$0.0
Energy Rated Homes of Alaska Program								\$0.0	\$0.0	\$0.0
<b>Grand Total FY98 Legislation:</b>	<b>\$16,138.9</b>	<b>\$0.0</b>	<b>\$103,080.0</b>	<b>\$0.0</b>	<b>\$119,138.9</b>	<b>\$14,238.9</b>	<b>\$0.0</b>	<b>\$132,513.6</b>	<b>\$126,752.5</b>	<b>\$7,613.6</b>
<b>FY98 Legislative Cap on Corporate Funds</b>										
Remaining Funds Under the Legislative Cap			\$103,080.0					\$133,151.9		
			\$0.0					\$630.3		

\* Includes Central Budget, Dividend & Staff Turnover & FY97 Interest Funds

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(Released 1/31/96)

(June 7, 1996 & May 14, 1997 (SB 107))

	FY97 CAPITAL BUDGET REQUEST					FY97 CAPITAL BUDGET SB 136 & CS 1005 - June 6, 1996				
	Federal	Other	Corp	Corp Match	Total	Federal	Other	Corp	Total	DN
1 Riverbend Construction	\$6.9		\$3,284.3		\$3,291.2	\$6.9		\$3,284.3	\$3,291.2	\$0.0
2 Golden Towers Renovation			\$6,093.5		\$6,093.5			\$6,093.5	\$6,093.5	\$0.0
3 Low Income Weatherization	\$1,800.0		\$8,500.0		\$10,300.0	\$500.0		\$6,500.0	\$7,000.0	(\$3,300.0)
4 Supplemental Housing Development Fund	\$50,000.0*		\$10,235.0	* \$10,000.0	\$10,235.0			\$7,000.0	\$7,000.0	(\$3,235.0)
5 DEC housing Sanitation Program			\$7,030.0		\$7,030.0			\$15,116.0	\$15,116.0	\$8,086.0
6 Environmental Cleanup/Abatement			\$1,000.0		\$1,000.0			\$500.0	\$500.0	(\$500.0)
7 Senior and Statewide Deferred Maintenance	\$1,000.0		\$3,026.0		\$4,026.0	\$1,000.0		\$1,000.0	\$2,000.0	(\$2,026.0)
8 Senior Citizens Housing Development Program			\$3,567.0		\$3,567.0			\$1,750.0	\$1,750.0	(\$1,817.0)
9 Homeless Assistance Program			\$1,200.0		\$1,200.0			\$250.0	\$250.0	(\$950.0)
10 HUD Comprehensive Grant Program	\$3,521.6				\$3,521.6	\$3,521.6			\$3,521.6	\$0.0
11 HUD Federal HOME Grant	\$3,000.0		\$750.0	* \$750.0	\$3,750.0	\$3,000.0		\$750.0	\$3,750.0	\$0.0
12 Federal Competitive Grants	\$3,000.0		\$1,000.0		\$4,000.0	\$3,000.0		\$1,000.0	\$4,000.0	\$0.0
13 Federal Competitive Grants - Public Housing	\$2,500.0		\$500.0		\$3,000.0	\$2,500.0		\$500.0	\$3,000.0	\$0.0
14 Energy Conservation Retrofit			\$500.0		\$500.0			\$450.0	\$450.0	(\$50.0)
15 DHSS Beneficiary & Spec. Needs Hsg Program	Mental Health	\$250.0	\$1,500.0		\$1,750.0	Mental Health	\$0.0	\$1,500.0	\$1,500.0	(\$250.0)
16 Oil Overcharge Settlement (PVE)	\$3,000.0	Stripper			\$3,000.0	\$600.0	Stripper		\$600.0	(\$2,400.0)
17 Other Competitive Grants			\$500.0		\$500.0			\$0.0	\$0.0	(\$500.0)
18 AHFC Computer Mainframe - Renovation			\$330.0		\$330.0			\$0.0	\$0.0	(\$330.0)
19 AHFC Telephone System Replacement			\$380.0		\$380.0			\$300.0	\$300.0	(\$80.0)
20 Pre-Development Grant			\$500.0		\$500.0			\$0.0	\$0.0	(\$500.0)
21 Statewide Housing Needs Assessment Study			\$100.0		\$100.0			\$0.0	\$0.0	(\$100.0)
22 Statewide Research & Testing			\$100.0		\$100.0			\$0.0	\$0.0	(\$100.0)
23 Alaska Coalition on Housing & Homelessness			\$150.0		\$150.0			\$0.0	\$0.0	(\$150.0)
24 Statewide Housing Forum			\$60.0		\$60.0			\$0.0	\$0.0	(\$60.0)
25 Pioneer Homes Renovation, Repair & Modification	Mental Health	\$271.9	\$2,589.3		\$2,861.2	Mental Health	\$0.0	\$2,589.3	\$2,589.3	(\$271.9)
26 Bethel Sea Wall								\$1,615.0	\$1,615.0	\$1,615.0
27 Valdez - Harborview Study								\$250.0	\$250.0	\$250.0
Total Corp Match (Included in Corp Funding)				* \$10,750.0						
<b>Total FY97 Capital Budget:</b>	<b>\$17,828.5</b>	<b>\$521.9</b>	<b>\$52,895.1</b>		<b>\$71,245.5</b>	<b>\$14,128.5</b>	<b>\$0.0</b>	<b>\$50,448.1</b>	<b>\$64,576.6</b>	<b>(\$6,668.9)</b>
<b>Direct Transfers of AHFC Funds</b>										
Direct Transfer (including Dividend) to State			\$50,000.0		\$50,000.0			\$50,000.0	\$50,000.0	\$0.0
UAA Student Hsg Debt Service (Start FY99)					\$0.0				\$0.0	\$0.0
<b>Total FY97 Capital Budget and Transfers:</b>	<b>\$17,828.5</b>	<b>\$521.9</b>	<b>\$102,895.1</b>		<b>\$121,245.5</b>	<b>\$14,128.5</b>	<b>\$0.0</b>	<b>\$100,448.1</b>	<b>\$114,576.6</b>	<b>(\$6,668.9)</b>
<b>FY96 Legislative Budget &amp; Audit</b>										
<b>FY97 Supplemental Appropriations</b>										
Designated Grants								\$600.0		
Carryforward to FY98 Appropriations								\$1,951.9		
<b>FY97 Legislative Budget &amp; Audit</b>										
<b>Grand Total FY97 Legislation:</b>	<b>\$17,828.5</b>	<b>\$521.9</b>	<b>\$102,895.1</b>		<b>\$121,245.5</b>	<b>\$14,128.5</b>	<b>\$0.0</b>	<b>\$103,000.0</b>	<b>\$114,576.6</b>	<b>(\$6,668.9)</b>
FY97 Legislative Cap on Corporate Funds								\$103,000.0		
Remaining Funds Under the Legislative Cap								\$0.0		

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STATE OF ALASKA  
OFFICE OF THE GOVERNOR  
JUNEAU

January 12, 2004

The Honorable Gene Therriault  
President of the Senate  
Alaska State Legislature  
State Capitol, Room 111  
Juneau, AK 99801-1182

Dear President Therriault:

The capital budget bill delivered today contains my proposal for the 2005 fiscal year. Overall, the capital budget totals \$1.4 billion of which \$1.3 billion is federal funds.

As you know, a capital budget is how state government meets its most basic responsibilities to citizens, such as safe transportation infrastructure and protecting the public's health. For Fiscal Year 2005, the capital budget proposes to spend \$977 million in federal transportation funds for road, highway, ferry, and airport projects throughout Alaska.

An area of major investment in protecting the public's health is water and sewer projects. A total of \$89 million is proposed for water, sewer, and solid waste projects. Of this amount, \$62 million is federal funding. Grants for municipal projects total \$8 million and \$79 million is proposed for village safe water projects.

In comparing the proposed capital budget to the current year, the overall proposed total spending is \$124 million higher. Spending of general funds has decreased \$45 million, while spending of other state funds is down \$107 million. Federal funds have increased \$270 million.

In addition to maximizing federal funds, the administration is making every effort to identify ways to leverage limited state funds. Using the bond capacity of state corporations is one way to stretch state dollars, continue to meet traditional responsibilities, and at the same time prudently save the state's reserves while we work on new revenue from resource development.

C&COMMITTEE COPY

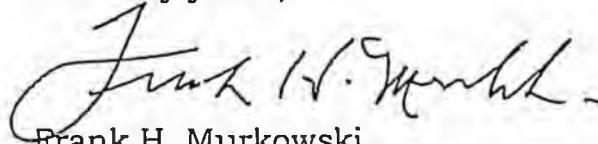
The Honorable Gene Therriault  
January 12, 2004  
Page 2

To this end, the Fiscal Year 2005 budget relies on \$100 million in corporation issued bond proceeds. The Alaska Housing Finance Corporation will use its general obligation debt capacity to sell \$25 million in bonds that primarily will be used to finance water and sewer projects.

Another \$75 million will come from the sale of bonds by the Alaska Student Loan Corporation (ASLC) as part of a multi-year plan by which ASLC will repay the state for its initial investment of \$300 million in student loan programs. The proposal reflects its desire to assist the state in bridging the current fiscal gap. This proposal will have *no impact on student loan programs*. Additional bond issues are planned for 2005 and 2006. ASLC plans to repay the state up to \$260 million by the end of FY 2007.

I look forward to working closely with this Legislature to jointly craft a capital budget that efficiently provides Alaska residents essential state services at a cost that the state can afford over the long-term.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Frank H. Murkowski".

Frank H. Murkowski  
Governor

Enclosure











