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,*[10] *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 classificati s of their work group foreclose meaningful opportunities for internal advancement. DOTPF, on the other hand, offers a full career path of engineer positions up th Engineer V."* The five-step career path available to VSW engineers begins with the VSW En. in Assistant job classification and continues with VSW Engineering Associate, VSW F in I, SW 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 "site 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[1] 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

[1] 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.[2]

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.

---

[2] 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 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

DHSS

# Electronic Grant System

## Application
Internet

1. Grant application is input on line

2. Information previously submitted automatically populates the screen.

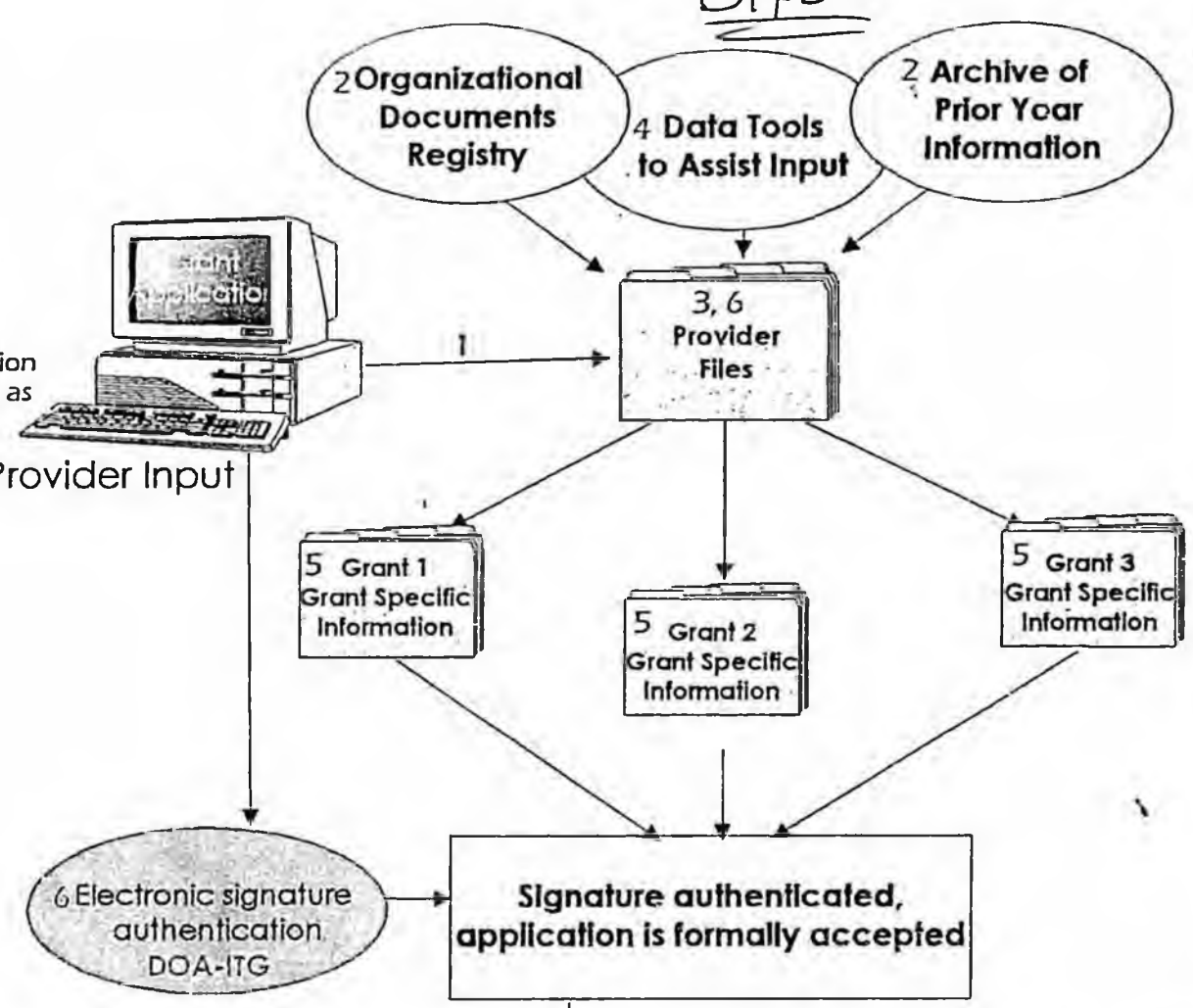
3. User updates or adds information which is stored in a provider file unique to their organization.

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.

6 Authorized individual from the provider agency electronically signs the completed 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.

7 Technical Staff Review
- **Compliance Reports** (Examples of reports)
- Minimum Responsiveness
- Technical Requirements
- Organizational Documents
- Scoresheets (will be available for on-line input)

8 Proposal Evaluation Committee
- **PEC Reports** (Examples of reports)
- Performance Measures
- Narrative Reports
- Summary of Cost of Service Analysis
- Prior Year Funding and Service Delivery
- Comparison of Service Delivery Methods or Areas.
- Summaries of Service Delivery Areas

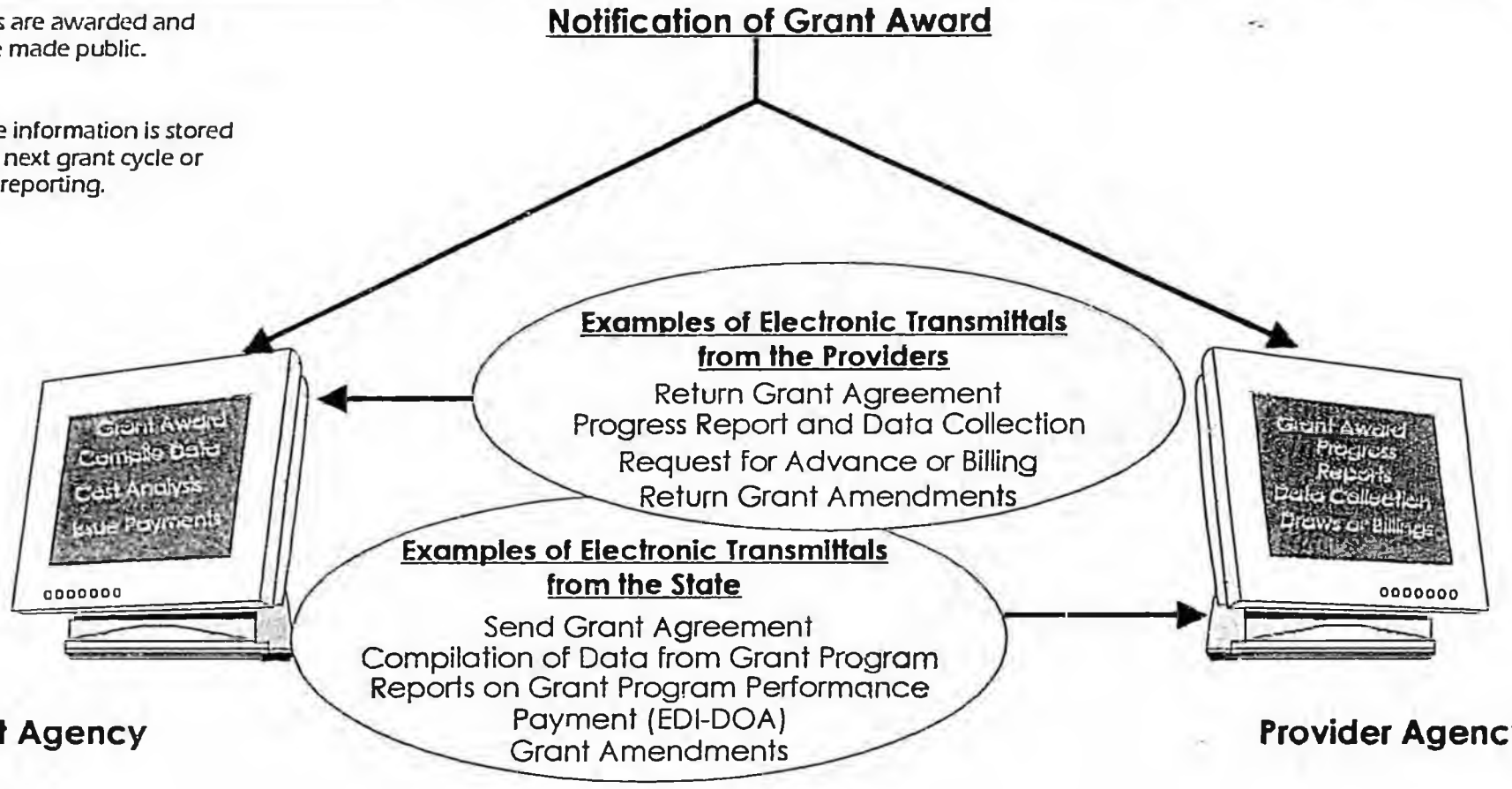
9 Directors and Commissioners Review
- **Multi-Grant Program Reports** (Examples of reports)
- Summaries by Region
- Summaries by Provider
- Prior year history
- Ad-Hoc Reports

**Summarize Results of Evaluation and Grant Awards**

## Management
Internet

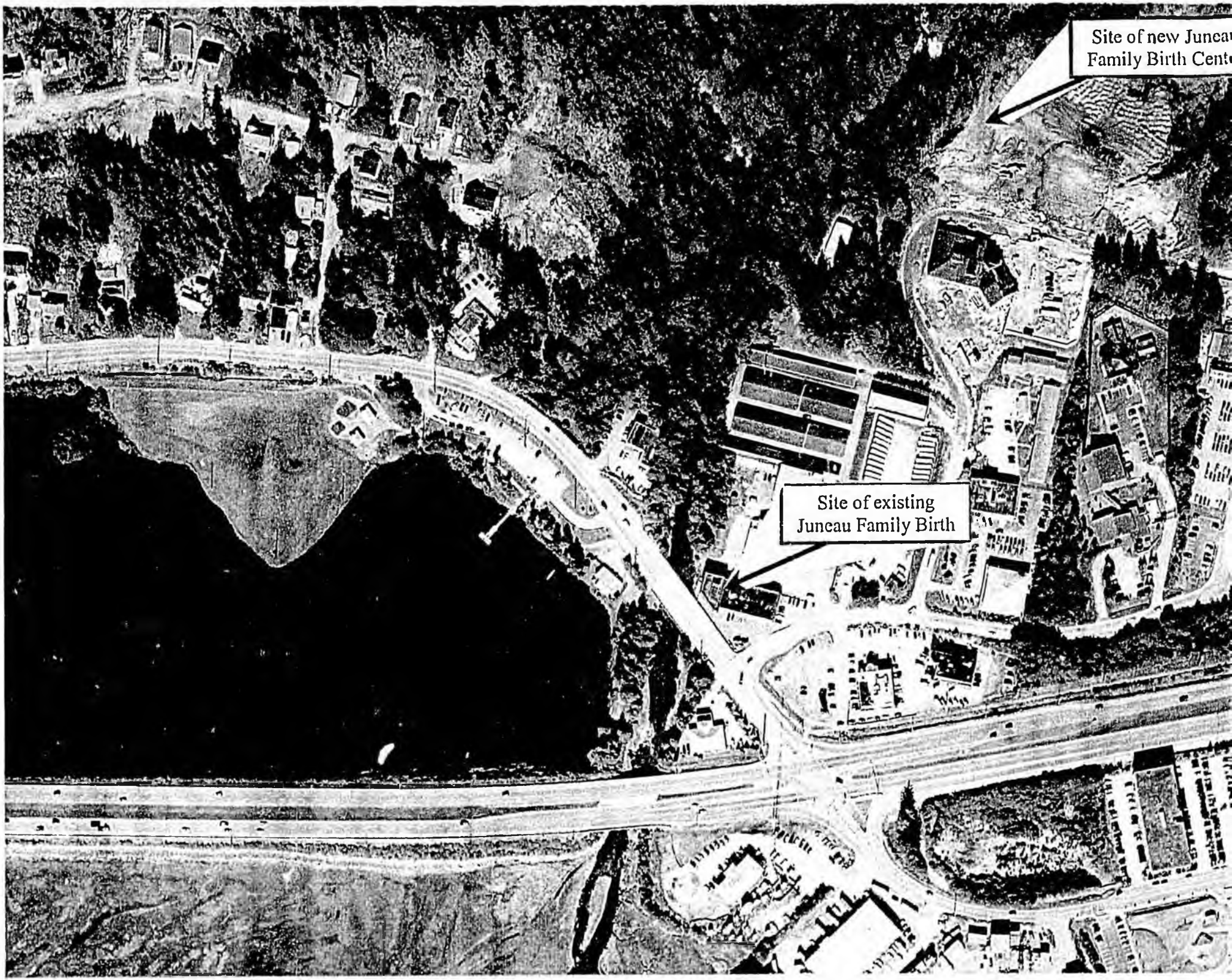
10. Grants are awarded and results are made public.

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 Cente
Site of existing
Juneau Family Birth

# Department of Health and Social Services

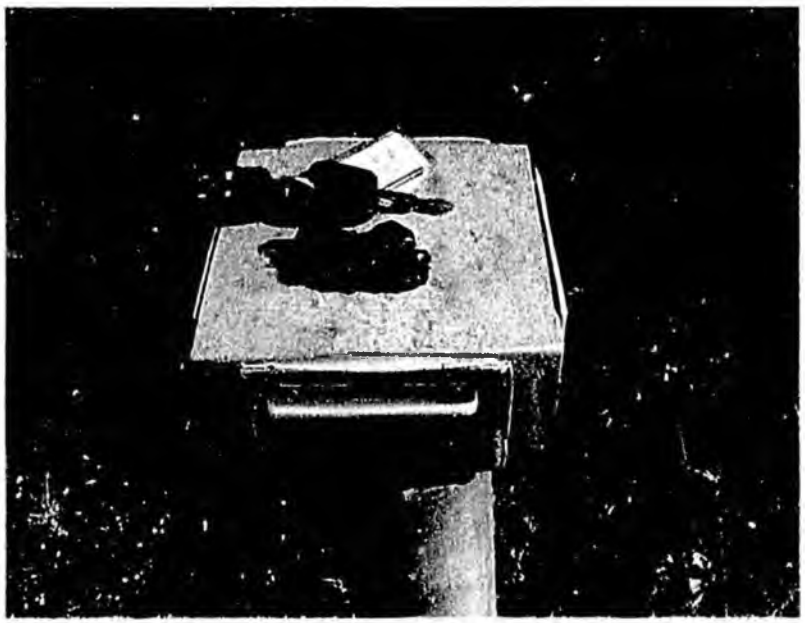
## FY2005 Deferred Maintenance Capital Request

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

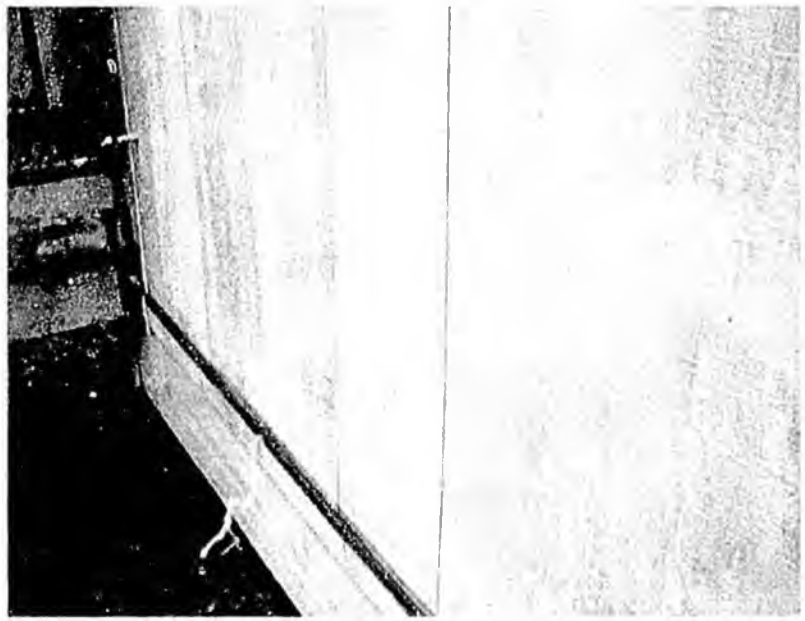
*NOTE: See list in Capital Budget Back-up to match photograph to project.*

Commissioner: Joel Gilbertson



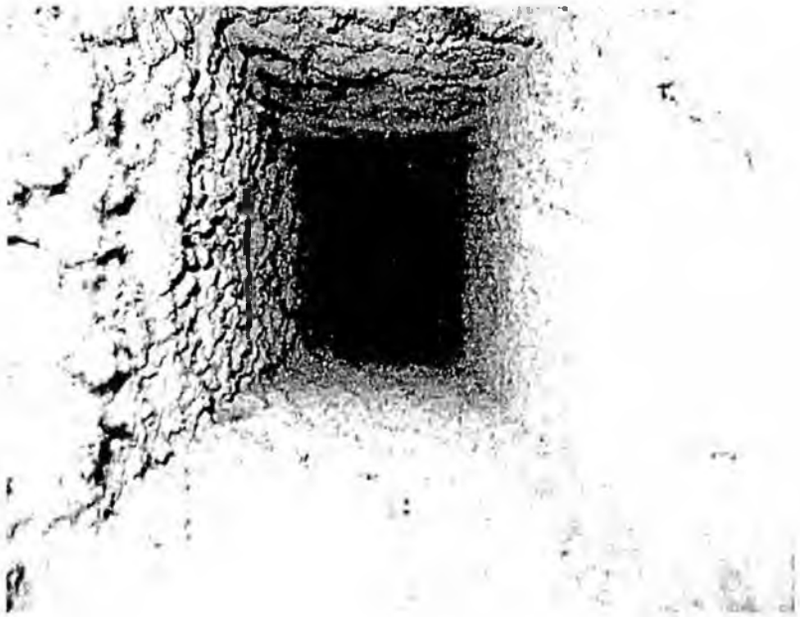
Priority 1: Fairbanks Youth Facility
Water Main Replacement
($164,500)

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.



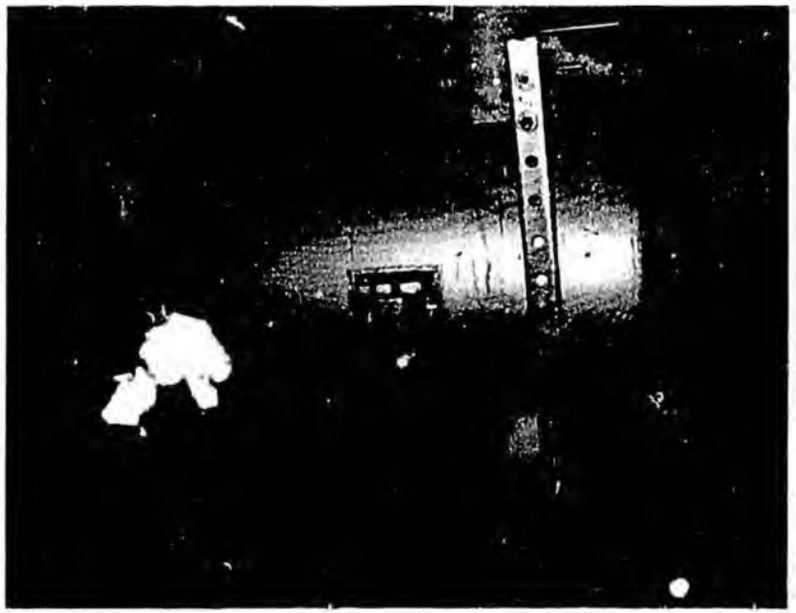
Priority 3: Bethel Youth Facility
Siding Replacement ($106,925)

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.



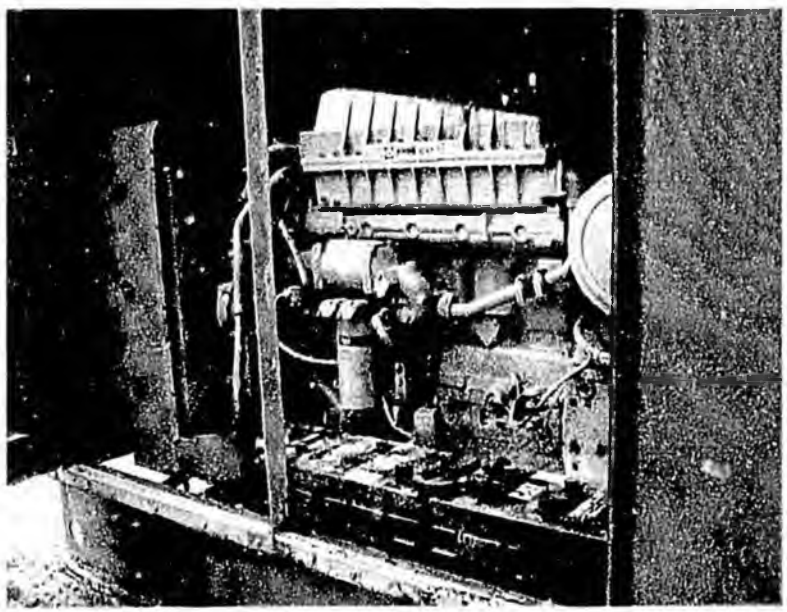
Priority 7: Ketchikan Health Center Duct Cleaning ($80,934)

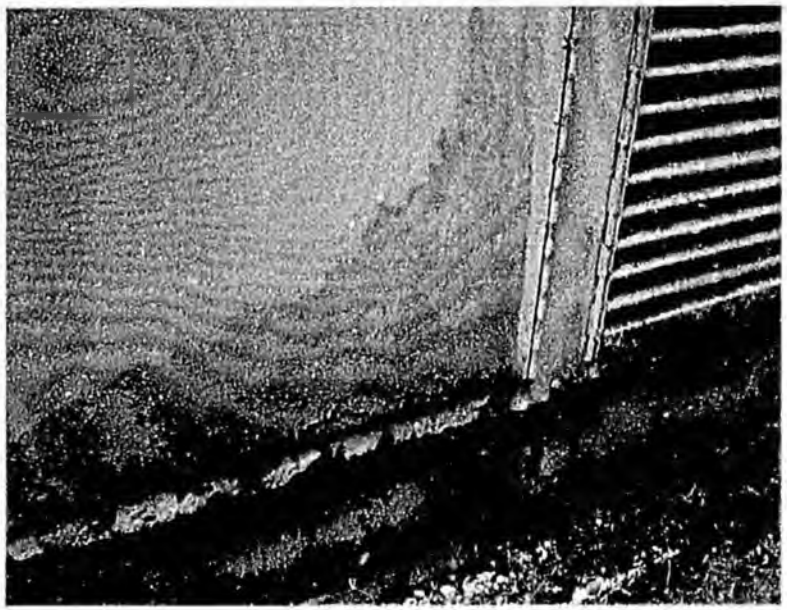
The ventilation duct work has never been cleaned and has accumulated excessive amounts of dirt and lint on the interior of the duct, severely compromising indoor air quality and HVAC performance. Dirty ducts contribute to unhealthy air and often cause medical conditions for people in the building. The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



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 Anchorage 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



## Division of Water

1/26/2004

| 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 | | |
| Akhiok | 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. | |
| | | | | $303,800 | $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 Construction | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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** | | |
| Alatna | 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 infrastructurein WTP/washeteria. | |
| | | 2002 | Wa[illegible]nd 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 /Treatmet, 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** | | |
| Aleknagik | 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 | Attiak 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. | |
| | | | | **$393,650** | **$430,650** | **$774,120** | **$1,598,420** | **$7,233** | | |
| Allakaket | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Ambler | 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 | LiftStation 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 | Septage 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Anvik | 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 | | |
| Atqasuk | 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 | 126 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Birch Creek | 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 | $5,582,000 | $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 | | 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 | | |
| Chenega 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, washoteria 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; purhcase 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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** | | |
| Chignik | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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** | | |
| Chignik Lake | 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. | |
| | | | | **$566,700** | **$882,200** | **$503,584** | **$1,952,484** | **$13,465** | | |
| Chistochina | 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. | |
| | | | | **$94,539** | **$75,000** | **$0** | **$139,539** | | | |
| Chitina | 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 |
| | | 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** | | |
| Chuathbaluk | 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 | | Instali 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 septics. Purchase equipment. | |
| | | 2003 | Water and Sewer | 0 | 0 | 343,000 | 343,000 | | IHS AN03N33. Install plumbing in 15 homes. | |
| | | 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** | | |
| Circle | 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 | | |
| Delta 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. | |
| | | | | $0 | $0 | $1,456,463 | $1,456,463 | $591 | | |
| Diomede | 146 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Egegik | 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 travity and water main. | |
| | | 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 | | |
| Ekuk | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Emmonak | 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 | |
| | | 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 | |
| English Bay | | 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 | $1,197,563 | $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 | |
| | | | | $261,500 | $784,500 | $100,000 | $1,146,000 | $17,906 | | |
| Fort Yukon | 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. | |
| | | | | $1,635,799 | $4,770,900 | $5,164,656 | $11,571,355 | $19,448 | | |
| Galena | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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** | | |
| Gambell | 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 septage 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 lagoon, carry out 1/1 fixes and add onto 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 | | |
| Golovin | 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 | |
| | | 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 | | |
| Goodnews Bay | 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 | C |
| | | 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 | 1990 | 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 seer 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. | |
| | | | | **$438,023** | **$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 indulge 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 | 36,367 | 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' if 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 septage 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 polices, 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | 600,000 | 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 | | |
| Kiana | 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. | |
| | | 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 | | |
| King Cove | 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. | |
| | | | | $2,601,400 | $3,335,100 | $5,723,061 | $11,659,561 | $19,729 | | |
| Kotzebue | 3082 | 1990 | Cold Weather 90 | 220,432 | 0 | 0 | 220,432 | | 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 Mortac 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | | |
| Koyukuk | 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 |
| | | 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 | | |
| Kwethluk | 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 | |
| | | 2002 | Sewer System | 0 | 0 | 1,455,000 | 1,455,000 | | Construct a lagoon and a 2,500' force main. | |
| | | 2003 | 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 | | |
| Kwigillingok | 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 |