LEG. FINANCE - BILLS 1983 - 1984 2003

SB 15 cont. 2003

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name James Hendricks, Jr. Telephone 835-4313 Date 9/2/82

2) Municipality Represented: City of Valdez

3) Name of Project: Valdez Landfill Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water _____ Sewage _____ Solid Waste XX

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

This project, at the new landfill site, would provide for approx. 17,000 cy of additional landfill excavation, approx. 3,000 ft. of fence around the existing area, and construction of an equipment shed approx. 30'x40'.

6) Describe Need for Project It is estimated the present excavation will be filled before Spring, 1983. More excavation is necessary to prevent wastes from being randomily dumped on the ground surface. A fence is necessary to aid control of wind blown litter as it is often impractical to immediately cover refuse. The fence would also provide security so that management and control of types of refuse placed in the landfill would be effective. There is currently no equip. shed on site. The shed would provide shelter & maintenance area for the tractor used to move refuse and cover material.

7) List specific health benefits resulting from construction of this project.

Reduce health hazards associated with inadequately maintained landfill site.

8) Existing population directly benefiting from this project:

4,103

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: _____

c) Reduce Wind Blown Litter: XX

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: Feb. 1, 1983

b) Date Design to be Completed: Mar. 1, 1983

c) Anticipated Date of Construction Start: June 15, 1983

d) Anticipated Date of Construction Completion: July 05, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $100,000.00

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $100,000.00

e) Other:

13) Total Estimated Grant Request: $100,000.00

14) Total Estimated Project Cost: $200,000.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? XX Yes. ____ No.

18) If yes, list earlier phases and explain their relationship to this project.

During 1982, the new landfill site area was cleared, piezometers were installed, and part of the fill site was excavated. This is the initial step toward having an adequate solid waste facility.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
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1) Your Name James Hendricks, Jr. Telephone 835-4313 Date 9/2/83

2) Municipality Represented: City of Valdez

3) Name of Project: Old Dump Reclamation

4) Local priority of this project compared to other questionnaires submitted by the municipality # 6

5) Type of Project: Water _____ Sewage _____ Solid Waste XX

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

The old City refuse dump is located on the Old Townsite. This project would provide for reclamation of the old refuse dump by hauling in fill to adequately cover all refuse and debris. It is proposed to eventually put an Old Town Memorial Park in this location. The area is to be filled so that solid waste will be covered with 2' minimum of fill, which will be smooth graded and free of exposed debris.

6) Describe Need for Project At present there is insufficient cover over the solid waste, debris is exposed in some places. It is not practical to execavate and bury the debris, as it would then be below the ground water table. The City has been having all excess fill taken to the site, but at current rates, several years would be required to adequately cover the old dump.

7) List specific health benefits resulting from construction of this project.

8) Existing population directly benefiting from this project:

2,000

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: XX

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter: XXX

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: Feb. 15, 1983

b) Date Design to be Completed: March 01, 1983

c) Anticipated Date of Construction Start: March 15, 1983

d) Anticipated Date of Construction Completion: April 10, 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: $51,000.00

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $51,000.00

e) Other: _____

13) Total Estimated Grant Request: $ 51,000.00

14) Total Estimated Project Cost: $ 102,000.00

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

_____

_____

_____

_____

16) List any comprehensive planning document recommending this project.

_____

_____

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

_____

_____

_____

_____

Ranked 9/2/82 EWR

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name Robert Harris Telephone 376-5227 Date June 25, 1982

2) Municipality Represented: City of Wasilla

3) Name of Project: Water Utility Extension, South of Parks Highway

4) Local priority of this project compared to other questionnaires submitted by the municipality # 2

5) Type of Project: Water X Sewage _____ Solid Waste _____

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

Project requires extension of present City Water system from north side to south side of Parks Highway and Alaska Railroad at two points. Concept is to incorporate project with D.O.T. & P.F. Wasilla Urban Roadway F-035-1(26), scheduled for bid offers in Oct, 1982. Project will meet present and forcasted demands for City residents south of Parks Highway. It is apparent that the water utility must soon be extended to serve the target area; proceeding in conjunction with major highway renovation/upgrade will provide for significant future cost avoidance.

6) Describe Need for Project Presently, there are approximately 232 platted lots, numerous tracts of land, and an estimated 200 residents, many of whom are requesting City Water Service because of failing wells and potential contamination as a result of population growth. The design capability of the present system will service the target area.

7) List specific health benefits resulting from construction of this project.

Provides potable water supply for present and future population in area where present wells are failing and there is cause for concern of wells becoming contaminated from sewage systems.

8) Existing population directly benefiting from this project:

Project will provide capability to provide water service to an estimated 200 residents

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: _____

b) Improve Receiving Water Quality: Will avoid contamination of household water

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 % _____ %

b) Industrial _____ %

c) Fire Protection 100% _____ %

11) Project Schedule:

a) Date Design to be Initiated: June 11, 1982

b) Date Design to be Completed: July 30, 1982

c) Anticipated Date of Construction Start: April 1983

d) Anticipated Date of Construction Completion: May 1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 50%

b) Federal Grant: _____

c) State Revenues: (List) Per Capita Distribution

d) ADEC Grant: 50%

e) Other:

13) Total Estimated Grant Request: $54,450

14) Total Estimated Project Cost: $108,900

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

State Department of Transportation and Public Facilities will ask for bids in Oct, 1982 for Parks Highway improvement including storm drains. Project must be incorporated under one construction package or it will become uneconomically feasible for the foreseeable future.

16) List any comprehensive planning document recommending this project.

Area was deleted from original water utility plans due to high cost of crossing Parks Hwy.; and, area not disignated as "core" area of Wasilla comprehensive plan because of lack of water service.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. _____No.

18) If yes, list earlier phases and explain their relationship to this project.

Project was deleted from original water utility study due to cost and funding available. Present system only serves portions of North half of properties in City Limits, the approximately one half of City Limits area being South of the Parks Highway cannot be served until a crossing is made.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name JOYCE RASLER Telephone 874-2381 Date 7/2/82

2) Municipality Represented: WRANGELL, ALASKA

3) Name of Project: EVERGREEN WATER & SEWER EXTENSION

4) Local priority of this project compared to other questionnaires submitted by the municipality # N/A

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

EXTENSION OF WATER MAIN AND SEWER COLLECTION SYSTEM ON STIKENE/EVERGREEN. THE MUNICIPAL SEWERAGE COLLECTION AND TREATMENT SYSTEM AND WATER SUPPLY CAN ADEQUATELY HANDLE THE INCREASED DEMAND.

6) Describe Need for Project THIS IS A HEAVILY POPULATED AREA THAT IS NOW SERVED ONLY BY ON SITE PRIVATE WATER AND SEWER SYSTEMS, SOME OF WHICH WERE INSTALLED MANY YEARS AGO AND NEED REPLACEMENT.

7) List specific health benefits resulting from construction of this project.

SANITARY SOURCE OF WATER; ADEQUATE COLLECTION AND TREATMENT OF SEWERAGE; HYDRANTS WILL PROVIDE INCREASED FIRE PROTECTION TO A HEAVILY POPULATED AREA.

8) Existing population directly benefiting from this project:

217

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 7-1982

b) Date Design to be Completed: 11-1982

c) Anticipated Date of Construction Start: 4-1983

d) Anticipated Date of Construction Completion: 8-1983

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: 1,046,000

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 1,046,000

e) Other: _____

13) Total Estimated Grant Request: $ 1,046,000

14) Total Estimated Project Cost: $ 2,092,000

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

DEPARTMENT OF TRANSPORTATION/PUBLIC FACILITIES. PROJECT IN RIGHT-OF-WAY ACQUISITION (STIKENE/EVERGREEN) DESIGN FOR ELECTRIC UTILITY RELOCATION IN PROGRESS; PAVING ANTICIPATED BY DOT/PF in 1983 IF FUNDING AVAILABLE

16) List any comprehensive planning document recommending this project.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? _____Yes. __X__No.

18) If yes, list earlier phases and explain their relationship to this project.

2/17/83
Jon Isaacson

WATER & SEWER PROJECTS SB-15

Section 1. AS 46.03.030 - DEC may grant to a municipality, as funds are available, up to 50 percent of eligible costs not financed by the federal government, for public water supply, treatment and distribution systems and public sewage collection, treatment and discharge facilities for which construction has not commenced on or before June 21, 1976.

Appropriation: $28 million

Section 2. AS 46.07 VILLAGE SAFE WATER ACT establishing a program to provide safe water and hygenic sewage disposal facilities in villages in the state.

AS 46.07.080 "Village" means an unincorporated community which has between 25 and 600 people residing within a two-mile radius, or a second class city.

Projects that qualify:

FORT YUKON - water and sewer system	3,700.0
McGRATH - Phase I construction of water delivery system	1,150.0
BETHEL - Sewer line extension	400.0
NIKOLAI - On site water and sewer system	400.0
MT. VILLAGE - Washeteria	700.0
KOTZEBUE - Water and sewer expansion	1,100.0
NOORVIK - water and sewer expansion	600.0
CHEVAK - watering points	848.0
SAVOONGA/PUNIK ISLAND - water and sewer	452.0
UNALAKLEET - water main extension	500.0
PORT LIONS - Bayview Drive Sewer, Phase I	132.0
ILIAMNA/NEWHALEN - Water Development	340.0
LARSEN BAY - water and sewer	370.0
AKHIOK - Sanitary landfill development	460.0
OLD HARBOR - Sewer renovation	1,160.0
IGIUGIG VILLAGE - Water, sewer & solid waste	838.0
SOUTH NAKNEK - village well	87.0
MINTO - Phase I water and sewer system	335.0
TOTAL/Section 2	13,572.0

Section 3. 37.05.315 - 319 GRANTS TO MUNICIPALITIES, 1st CLASS CITIES, ORGANIZED BOROUGHS through the Department of Administration or Community and Regional Affairs.

DILLINGHAM - Airport Heights Subdivision Water Development	300.0
NEAR ISLAND - Water and sewer engineering	350.0
KAKTOVIK - Grey water facility	450.0
NOME - Water, sewer and utilidor system	1,000.0
FAIRBANKS - Sludge disposal facility	850.0
FAIRBANKS - Sewer/drainage upgrade	960.0
FAIRBANKS - Van Horn Interceptor upgrade	360.0
FAIRBANKS NORTH STAR BOROUGH - Ballaine Lake Sewer Service	700.0
TOTAL/Section 3.....	4,970.0

Section 4. AS 14.11 CONSTRUCTION, REHABILITATION, AND IMPROVEMENT OF SCHOOLS AND EDUCATION-RELATED FACILITIES. (Grants to DOE for school districts and REAAs.)

BERING STRAITS SCHOOL DISTRICT WATER PROJECTS: Teller, Brevig Mission, Golovin and Shishmaref	1,000.0
NORTHWEST ARCTIC SCHOOL DISTRICT - water main hook-up	50.0
TOTAL/Section 4....	1,050.0

Section 5. DEPARTMENT OF ENVIRONMENTAL CONSERVATION for water/sewer feasibility studies in Anvik, Eek, Nulato, Telida, and Platinum 200.0

TOTAL/ Sections 2,3,4, and 5	******** 19,792.0 ********

2/17/83
Jon Beckett

MINTO

WATER AND SEWER: BUDGET

Water service line:	
4,705 LF main line @ $42/LF	197,610
75 LF service line @ $42/LF	3,150
75 LF service line @ $42/LF	3,150
Rehabilitate pumphouse	25,000
Subtotal	228,910
Rehabilitate sewer line to lagoon	
labor	12,600
materials (6" line)	22,800
equipment rental	12,600
Subtotal	48,000
Rid-waste sewage disposal for lodge	
labor	13,000
materials	13,100
rid-waste tank	10,000
equipment rental	3,000
Subtotal	39,100
Insulate sewer line	
labor	6,500
materials	11,500
equipment rental	2,000
Subtotal	20,000
TOTAL	$335,000

2/17/83
Sen Sackett

Alaska State Legislature

Senate

Official Business

Pouch V
State Capitol
Juneau, Alaska 99811

SENATE DISTRICT N WATER & SEWER PROJECTS FOR SB 15

Under Section one:

Bristol Bay Borough-Naknek Sewage	$574,300
Sand Point Meadows Subdivision, Phase I	1,867,000

Under Section two:

Port Lions Bayview Drive Sewer, Phase I	131,750
Iliamna/Newhalen Water Development	340,000
Larsen Bay Water & Sewer	370,000
Akhiok Sanitary Landfill Development	460,000
Old Harbor Sewer Renovation	1,160,000
Igiugig Village Water, Sewer, & Solid Waste	838,000
South Naknek Village Well	87,000

Under Section three:

Dillingham Airport Heights Subdivision Water Development	300,000
Near Island Water & Sewer Engineering	350,000

Alaska State Legislature

Senate

Official Business

Pouch V
State Capitol
Juneau, Alaska 99811

Selected Water & Sewer Projects in Senate District N

Port Lions Bayview Drive Sewer Project, Phase I This is the first phase of a project that will provide sewer and water to the Bayview Drive extension. This is the only place in Port Lions where existing homes do not have connections to the city's water mains.

This first phase will build an intertie with the city's existing main on Rainbow Street. It will immediately serve some people, thereby reducing the city's health hazard. It consists of 775 feet of 4" ductile iron sewer main and manholes.

This phase has been designed and could go to bid quickly. The plans for this project are in Port Lions. It is estimated to cost $131,750.

Newhalen/Iliamna Water Development This is a project that will enable the City of Newhalen to put 20 wells in the area. This will provide Newhalen/Iliamna with a good potable water supply. This is estimated to cost about $340,000.

Akhiok Sanitary Landfill Development This project will enable the City of Akhiok to develop and get access to their sanitary landfill. This is estimated to cost $460,000.

Old Harbor Sewer Renovation Currently, the sewer system in the old part of the City of Old Harbor has sever shortcomings. The M&O on this system severely drain the budget of the City of Old Harbor. In addition, health hazards are caused by the overflowing of sewer manholes from time to time. This project will upgrade the sewer system for Old Harbor by using a sewage lift station to force the effluent up to the existing lagoon. This project is estimated to cost $1,160,000.

Igiugig Village Water, Sewer, & Solid Waste The village of Igiugig has no centralized or individualized water system nor does it have a sanitary landfill capable of taking solid waste. This project would provide wells for the village; septic tanks for the village; and a sanitary landfill site.

Sand Point Meadow's Subdivision Water & Sewer, Phase I This project will provide new water and sewer systems into an area of Sand Point that was just recently developed. A new school and 121 residential lots are being developed in this subdivision. Sand Point's current sewer plant is already handling double the quantity of wastewater that it was designed to treat, and without an expanded water system, potable water will be less than adequate.

The project is estimated to cost $3,753,600. Local participation should therefore be about $1,867,000, or 50%. DEC's participation should be the same.

Dillingham Airport Heights Subdivsion Water Development Currently, the City of Dillingham has no water supply on the back side of the airport. This project would provide a water supply to that side of the airport. The estimated cost of this project is $300,000.

Kodiak Near Island Water & Sewer Engineering This project will provide design and engineering funding to the City of Kodiak to produce a plan for the overall design of water and sewer on Near Island. This needs to be done quickly, as it must be done in conjunction with the construction of the Near Island Bridge so that the bridge can carry the necessary water and sewer lines. This is estimated to cost $350,000.

South Naknek Well. This will provide enough water--about 60 gpm--to enable South Naknek to have a good water supply. Currently South Naknek does not have a water source sufficient for fire fighting. The water for South Naknek is supplied by a small lake in the summer and a small well in the winter. A storage tank of about 9,000 gallons will also be acquired. A similar system in Naknek has proved to be very successful. This project does not need to be designed, as it consists simply of buying the necessary equipment, such as well casings, pumps, etc., and drilling the well. It can be "on the streets" by summer. The project is estimated to cost $87,000.

Bristol Bay Borough-Naknek Sewage Facility, Step 3. This will build area wide sewer systems in Naknek. Currently Naknek only has old septic systems which, because of problems with the leaching fields and soil porosity, cause the raw sewage to remain in the area. This project has been designed, and should be ready to go for bid as soon as the funding is secured. The project is estimated to cost $5,403,000. Of this total, EPA should fund $4,052,250, or 75%. DEC would fund 12.5%, or $675,375, and the Bristol Bay Borough would do the same. The Bristol Bay Borough has approximately $1,000,000 in place to use for local participation in water and sewer projects.

Larsen Bay Sewer and Water Phase I of this project entails first converting the water supply from the current system of nine months gravity fed water and three months pump fed water to a year around gravity fed system. The reason for this change is that the current water supply system freezes solid in the winter. Phase II of this project entails redoing the current sewer system and piping the sewage into the channel. At this time, the sewage backs up and causes a serious health hazard. This project is estimated to cost $370,000.

City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

February 15, 1983

Senator Bob Mulcahy
Alaska State Senate
Pouch V
Juneau, Alaska 99811

Subject: Sand Point Water and Sewer Extensions

Dear Senator Mulcahy:

Enclosed are backup materials on the proposed water and sewer extensions for Sand Point. While most of the materials are self-explanatory, a couple of changed factors should be brought to your attention.

First, the subdivision to be served by the project has been developed to contain a total of 122 lots including the school. This is an increase of some 42 lots over the plan upon which the original cost estimates were prepared. Since engineering on the project is to be included in the funding requested, I am not able at this point to give you an updated total cost projection, but I would anticipate the additional costs would be straight-line extensions of the known unit costs as developed initially by our engineer.

Second, because the school's scheduled opening this fall has not slipped significantly, we have had to proceed with engineering and limited local funding support for those parts of the whole system which would both serve the school and be capable of short-term extension into the residential portions of the subdivision. With this in mind, we have conducted an election to authorize the issuance of G.O. bonds to pay the anticipated shortfall, after deductions for the school's financial contribution to the project. These costs are now estimated to be approximately $300,000, but would be less if the supplemental appropriation was passed early enough to permit DEC assistance before construction this summer. We also have a tentative commitment from the Farmers Home Administration to purchase all or part of any bond issuance for the water portion of the project (their funds cannot at this point be used for sewer) and I have spoken with

the Muncipal Bond Bank who have also expressed an interest in possible participation with FmHA should we need to issue the bonds. Naturally, we would like the bond issuance to be for as small an amount as possible.

Construction will need to proceed on that portion of the project related to the water system's extension to the school irrespective of possible state funding through DEC, as an attached memo of mine to the city council demonstrates. Hopefully, DEC assistance will be forthcoming in time early enough in the process to be of assistance in this first phase.

Detailed engineering is proceeding on this first phase, and I will be happy to provide you with this information as it becomes available, should you desire it.

Please let me know if you require further backup information on this project.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachment

Alaska State Legislature

SENATOR
BOB MULCAHY

REPRESENTING
THE ALEUTIAN CHAIN,
KODIAK ISLAND
AND THE PRIBILOF ISLANDS

HOME ADDRESS
P.O. BOX 246
KODIAK, ALASKA 99615
(907) 486-3561

DURING SESSION
POUCH V
JUNEAU, ALASKA 99811

State Senate

January 21, 1983

Mr. Jim Moritz, Mayor
City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661

Dear Jim:

I want to acknowledge to you, and through you to the members of the Council, receipt of your legislative priorities for this year from your City Manager, John Sevy.

I would like to request backup material and an update on your pending grant with DEC, so that I would be knowledgeable on the location and scope of work in this sewer and water funding. I have been following, and working closely with the Department of Transportation, as far as the feasibility on the realignment and linking of the airport, and will be looking forward, and hopefully receiving at an early date, the project development for improvements in the boat harbor area.

I look forward to a close working relationship with you Jim, as I had with Jack. Listed below, please find my office telephone numbers and apartment number. Because of the time difference it's often more convenient to contact me at the apartment.

Office - 465-3716 and 465-3773
Apartment - 586-9468

Sincerely,

Senator Bob Mulcahy

BM/hp

cc: John Sevy

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

January 6, 1983

Senator Bob Mulcahy
Alaska State Senate
Pouch V
Juneau, Alaska 99811

Dear Senator Mulcahy:

The Sand Point City Council, at its regular December meeting, set its legislative priorities for the coming session. The council recognizes the financial constraints the coming session will likely face, so we have attempted to keep our requests to a minimum without materially affecting the growth and continued progress of Sand Point.

Three projects have been identified for legislative action this year. They are as follows.

1. Water and sewer funding. As you know, the city has pending with DEC a $1.7 million grant aimed at extending municipal utilities to the new Sand Point school and to the surrounding residential area. Further, a $1.3 million entry in last year's G.O. bond package was vetoed by the Governor. The city council sets as its top priority the restoration of these funds so that the city can continue its plans for expansion. The DEC program's under-funding has of course presented problems for rural communities statewide.

2. Airport realignment and lengthening. Now that the DOTPF feasibility study for the Sand Point airport is complete and favorable of extension, the council supports proceding with detailed project engineering for the realignment and extension of the runway at Sand Point. We believe the project's great merits should be pursued, and are looking forward to working with you and DOTPF officials on implementation of the project.

3. Boat harbor improvements. The city council set as its third priority further upgrading of the baot harbor at Sand Point, specifically with respect to the demands the new dock and boat hoist will place on the existing infratructure in the boat harbor area. Water, sewer, and especially road and staging area improvements are urgently needed. Some of these improvements were originally hoped to come from the funds appropriated for the dock project; however, as you know, the change order required of the project due to engineering difficulties precluded those contingency funds from being applied to these support facilities.. I will be providing you with more detailed information on this priority over the coming weeks.

Mayor Jim Moritz, myself, and other members of the city council, are looking forward to working with you on these projects or any other items of interest to Sand Point during the coming legislative session. Please accept our best wishes for a productive and interesting legislative session.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

August 30, 1982

MEMORANDUM

To: City Council

From: John Sevy

Subject: Water Service to New School

As you know, the Legislature failed to fund the Department of Environmental Conservation's ongoing water and sewer facility grant program, and the Governor vetoed the bond issue containing Sand Point's proposed $1.3 million grant for water and sewer extensions into the new subdivision and school site. This means that as of today we have no money allocated for water service to the school and no state resources available to offset the costs. If DEC had been funded, we would have been eligible for $1.87 million, which, combined with the bond issue, would have been enough to develop the full project.

Still, water service must be provided to the new school in a timely fashion, so that the school's opening is not delayed. While a well system might be possible, it is unlikely that it would provide enough water for fire flow, but we would not know this for sure until a well was dug and tested.

The other approach is for the city to proceed with development of a water system adequate to meet the school's needs, and compatible in the longer term with eventual extension of water lines to the residential lots when funds become available for this. Based on the figures supplied earlier this year by R & M, the water system to serve the school and just a few lots would cost around $450,000, broken down as follows:

5 hp pump from reservoir to new storage tank	$ 10,000
4000' of 4" PVC pipe installed @ $50/foot	200,000
60,000 gal. storage tank in place	85,000
1000' 8" DIP main installed @ $75/foot	75,000
Pressure boost station (for fire flow)	80,000
Total	$ 450,000

This cost does not include engineering fees or service connections, but some of the unit costs (e.g. the PVC pipe) may be overestimated, so the $450,000 figure probably is secure.

It is important to note that any actions we do now on this project will not be eligible later on for DEC assistance when and if DEC is funded by the next legislative session. Any expenditures incurred prior to 120 days before formal notification of award from DEC are ruled ineligible, and it is highly unlikely that DEC would be able to give formal notification before the middle of next summer, since any appropriation to DEC would be for FY 1984. Waiting for DEC approval would probably have the effect of preventing occupancy of the school next fall.

Paying for this project will probably entail having to borrow money, hopefully through a revenue bond. The following funds could be used to reduce the amount borrowed:

City FY 83 per capita municipal assistance	$ 161,000
School Contribution (at least)	100,000
	$ 261,000
Amount to be borrowed	[$ 189,000]

A 20-year revenue bond written at 3/4 of the prime interest rate (presently 14%, so say 10.5%) with a principal of $189,000 would have semi-annual debt service payments of around $11,400. This payment could be met by charging the principal user of the water, the school district, this amount. Alternatively, the cost could be retired over the next few years from allocations from the city's budget (although we would still need to write up the loan as a revenue bond for legal purposes) or through sharing the costs with buyers of residential lots in the subdivision as service is extended to them..

Some lead time will be required to get engineering accomplished for the water system. Additional time will be necessary for the revenue bond to be drawn up and to locate a buyer for the bond. There will be costs associated with both activities. Construction could be scheduled for the spring so as not to delay the school's opening.

City of Sand Point
P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

July 16, 1982

Keith Kelton, Director
Division of Facilities Construction & Operations
Alaska Department of Environmental Conservation
Pouch O
Juneau, Alaska 99811

Dear Mr. Kelton:

Attached please find a completed copy of the questionnaire regarding water and sewer projects in planning in Sand Point, which you sent to us in your letter of June 18.

Like many municipalities reliant on an ongoing ADEC grants program, we were quite disturbed at its failure to obtain adequate funding in the recent legislature. In our case the program's difficulties have grave consequences, since an important project in the community, the opening of a new school, may be jeopardized by a lack of water and sewer service.

Please advise us as soon as possible if we may be able to utilize any ADEC funds this fiscal year, or if our approved but unfunded application for ADEC assistance may yet have a chance of partial funding.

As you can well imagine, this project is of the utmost importance to the community.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachment

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

Please complete a copy of this questionnaire for each capital project for which you anticipate requesting water, sewerage, or solid waste grant assistance under AS 46.03.030. A questionnaire should be completed for all unfunded projects for which you are requesting assistance, even if you have previously submitted a grant application. Please answer all questions as completely as possible, since this will be the only source of data used in preparing the Department's capital budget request.

1) Your Name John F. Sevy Telephone 276-2700 (ANC) 383-2696 Date 7-16-82

2) Municipality Represented: City of Sand Point

3) Name of Project: Meadows Subdivision Phase I Water & Sewer

4) Local priority of this project compared to other questionnaires submitted by the municipality # 1

5) Type of Project: Water X Sewage X Solid Waste

Detailed Description of Project (Include location, if known; scope of project; existence and/or condition of present water, sewerage, or solid waste services, as appropriate; or adequacy of existing facilities to handle increased demand as a result of this project):

(Please refer throughout to application for ADEC assistance submitted by the City of Sand Point on March 22, 1982.)

The project consists of extending municipal water and sewer facilities to a new subdivision containing the new Sand Point school, now under construction, and approximately 80 residential lots needed for community expansion.

The existing municipal water supply will be utilized for water service to the subdivision, however a significant amount of new mains will be necessary owing to elevation differences from the existing city system. A new stand-alone sewage system and treatment plant will also be required.

6) Describe Need for Project A state-funded $8 million school for Sand Poi is presently under construction; the proposed water and sew system is needed for the school to function and for fire protection. The residential expansion area is vitally needed if Sand Point's population and economic bases are to grow.

7) List specific health benefits resulting from construction of this project.

"Normal standards of water and sewerage facilities will be provided to the new school and to the residential properties served by the project.

8) Existing population directly benefiting from this project:

Sand Point's entire population of 800+ will be served by the new school: approximately 200 students will be served and 300+ residen

9) Describe any improvements to the environment due to construction of this project:

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 (incl. school)

b) Industrial

c) Fire Protection 100 (incl. school)

11) Project Schedule:

a) Date Design to be Initiated: preliminary work complete; detailed design to begin with ADEC approval.

b) Date Design to be Completed:

c) Anticipated Date of Construction Start: Originally 6/82, now ?

d) Anticipated Date of Construction Completion: (6 months from start)

12) List proposed sources and amounts of funding: assume 50% state grants.

a) Local Contribution/Source: Construction cost assistance from school construction budget, additional revenues to be raised through local assessment district.

b) Federal Grant:

c) State Revenues: (List) Bond funds ($1.3 million) were approved by the 1982 Legislature but vetoed by the Governor.

d) ADEC Grant: $1,867,800

e) Other:

13) Total Estimated Grant Request: $1,867,800

14) Total Estimated Project Cost: $3,735,600

15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

School construction is presently underway with completion scheduled for summer 1983, school operational by fall term 1983. Water must be provided for domestic & fire protection use by then.

16) List any comprehensive planning document recommending this project.

City of Sand Point 1982 Comprehensive Plan.

17) Is this project necessary to complete an overall project for which earlier phases have already been constucted? ___ Yes. _x_ No.

18) If yes, list earlier phases and explain their relationship to this project.

HOT HOT

STATE OF ALASKA

JAY S. HAMMOND, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

POUCH O – JUNEAU 99811

June 18, 1982

Mr. John Sevy
City Manager
P.O. Box 177
Sand Point, AK 99661

Dear Mr. Sevy:

As you are now aware, the Water and Sewerage Construction Grants Program, administered by the Department of Environmental Conservation, has depleted funds available for new grant awards. The failure of the Legislature to appropriate new general funds and the bond authorization veto by the Governor will limit new projects during the 1982 construction season. There is a possibility that limited funds may be available for priority projects this summer; however, additional funding cannot be assured before the 1983 Legislature convenes.

The message received from the 1982 Legislature is that the grants program will need to change if it is to survive. The existing practice of awarding grants on a first-come, first-serve basis is only possible if funding is available to satisfy all grant requests. With the likelihood that State revenues will continue to be short, it is apparent that projects will need to be prioritized to fund the most deserving projects first. Developing a priority list requires a comparison of all proposed projects.

The Department proposes to develop a criteria system to rank projects in priority order for future funding. It is proposed that the criteria system consider such items as alleviation of health hazards, population benefitted, local funding, readiness to proceed, improvement to receiving waters, etc. This criteria system and priority list will be distributed for comment once they have been developed.

However, in the meantime we need to begin obtaining data on projects proposed for construction during calendar year 1983. Please complete and return a copy of the enclosed questionnaire for each project you propose to construct during 1983 and 1984. Since grant funds cannot be available before spring of 1983 at the earliest, it will probably be necessary for the grantee to fund the design of many projects to be constructed in 1983. If the design costs occur within 120 days of the grant offer date, they would be eligible for grant participation. However, grantees cannot be assured of funding and should be prepared to assume the risk for full funding of design costs.

Completed questionnaires must be returned no later than August 15, 1982, for inclusion in the capital budget. Please complete a questionnaire for all proposed projects, even those for which grant applications have already been submitted. Upon receipt of the completed project questionnaires, the Department will prioritize the projects for inclusion in the Governor's capital budget proposal. This budget will then be presented to the Legislature for consideration.

The proposed changes to the grants program will necessitate added effort and planning by local government. Funds will not be available on a short-term basis as they have been in the past. In some cases, you may not approve of the priority ranking of your projects and many deserving projects may have to wait for funding.

We are not necessarily committed to the proposal outlined in this letter, but it appears that changes are required and this is the fairest approach we can devise. If you have comments or recommendations on how to improve the proposed system, please let me know. It may also be beneficial for the Alaska Municipal League to develop a position on this issue for submittal to the Legislature. In any event, regardless of the form of the grants program, your support in dealing with the Legislature is mandatory if the program is to continue being funded.

I feel the grants program has contributed greatly to sanitation improvements in Alaska and has had a history of working closely with local government to meet your needs. I have enjoyed working with you and urge your support for the continuation of the program.

Sincerely,

Keith Kelton

Keith Kelton, Director
Facility Construction
and Operation

Enclosure

cc: Ginny Chitwood/AML

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION

JAY S. HAMMOND, GOVERNOR

POUCH O – JUNEAU 99811

April 1, 1982

Mr. John Sevy, City Administrator
City of Sand Point
c/o APIA
1689 "C" Street
Anchorage, AK 99501

Dear Mr. Sevy:

The Department of Environmental Conservation is in receipt of the City of Sand Point's request for grant assistance dealing with the Meadows Subdivision Phase I Water & Sewer Project. I have reviewed your request and I am pleased to inform you that the project is eligible for a state grant of $1,867,800, based on 50 percent of the estimated eligible project costs of $3,735,600. Unfortunately, due to the unavailability of funds, we are unable to respond to your request at this time.

All funds presently authorized for the Construction Grants Program have been obligated to projects presently underway. Applications received will be reviewed to determine grant eligibility and will then be maintained on a list in order of receipt in completed form. As funds become available, projects will be funded in order of their position on the list. We will contact you to determine your interest at the time funds become available for obligation to this project.

At this time we expect program funds to be available primarily as they are returned from unused funds which are released as current construction projects are completed. The next substantial infusion of funds is expected to occur in June or July 1982, after adoption by the Alaska Legislature of the Capital Budget for FY-1983. We anticipate we will receive approximately $10 million from that source. These funds should enable us to resume normal operations and respond to applications as submitted.

I urge the City of Sand Point to keep this office up to date with the continuing status of this project. It is extremely important for you to submit any revisions in the project cost estimate.

I will be the Project Engineer for this project so please feel free to contact me at 465-2612 with any questions and comments you might have.

Sincerely,

Michael J. Coffey
Project Engineer
Facility Construction
and Operation

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

March 22, 1982

Keith Kelton, Director
Division of Facilities Construction & Operation
Alaska Department of Environmental Conservation
Pouch O
Juneau, AK 99811

Dear Mr. Kelton:

Subject: Application for Water and Sewer Funding Assistance

Enclosed please find two copies of an application on belhalf of the City of Sand Point for $1,867,800 in DEC financial assistance for a project entitled "Meadows Subdivision Phase I Water & Sewer." This application follows my letter to you dated February 23, 1982.

Please call on me at 276-2700 if you have any questions on this project. The extended water and sewer systems remain a top priority of the city of Sand Point.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

Attachments

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: City of Sand Point

Applicant Mailing Address: c/o APIA, 1689 C Street, Anchorage, AK 99501

Application Prepared by: John Sevy

Title: City Administrator

Type of Application: X Initial _____ Revised

Type of Project X Water X Sewerage _____ Solid Waste

Project Descriptive Title: - Meadows Subdivision Phase I including new school

Number of Lots 80 and Persons 500* benefitting from this project.

Estimated Construction Period: July 1 1982 Start Dec. 31 1982 Finish

Amount of State Grant Funds Requested from ADEC: $ 1,867,800

Source of Applicant's Funding for Project: Legislative grant; school contribution; general funds, local assessment district.

The applicant, through it's authorized representative, certifies that to the best of its knowledge and belief that the data contained in this application is true and correct and that all titles and easements necessary to provide clear title or authority to construct and maintain the proposed project shall be obtained. Failure to comply with this certification will be cause for the Department to withhold a grant award or withdraw a grant offer that may have been extended.

John F. Sevy	City Administrator	3-22-82
Typed Name	Title	Date

John F. Sevy

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects		
1.	Administrative Expenses[1]		-0-	1.
2.	Legal Expenses[1]		-0-	2.
3.	Engineering Design Fees[2] incl. contingencies.	D or E	622,600	3.
4.	Project Inspection and Surveying[2]	D or E	(incl. in 3)	4.
5.	Construction[2]	D or F	3,113,000	5.
6.	Equipment	G	-0-	6.
7.	Other Costs	H	-0-	7.
8.	Project Contingencies		(incl. in 3)	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	3,735,600	9.
10.	Amount of Line 9 provided by Federal Grants		-0-	10.
11.	Amount of Line 9 provided by Other State Agencies		-0-	11.
12.	Amount of Line 9 provided by Applicant		1,867,800	12.
13.	Amount of Existing ADEC Grant		-0-	13.
14.	Amount of Line 9 Currently Requested from ADEC		1,867,800	14.
	INELIGIBLE COSTS	None known at	this time	
15.	Land and Easement Acquisition Costs[3]			15.
16.	Purchase of Private Utilities			16.
17.	Interest and Finance Charges			17.
18.	Formation Costs of Local Improvement Districts			18.
19.	Comprehensive Plans and Feasibility Studies			19.
20.	Grant Application Preparation Costs			20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL		21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	3,735,600	22.

1. Eligibility of these expenses is limited to costs incurred by the applicant as a direct result of the project. Salaries of existing staff working normally scheduled hours are not grant eligible.

2. With prior approval, the costs of engineering design, construction management, and actual construction performed in-house are grant eligible. Force account rates must be approved by the Department prior to the State grant offer. Force account work performed more than 120 days prior to a State grant offer is not eligible for grant funding. Requests for approval of force account rates must be supported by Attachment D. Construction Grant Regulations 18 AAC 73.010 (g)(2) establishes specific force account procedures and eligibilities.

3. The cost of land when used as an integral part of a treatment process, such as spray irrigation, and solid waste landfill sites may be considered grant eligible. These costs should appear under line 7 Other Costs (above) and must be supported by Attachment H.

City of Sand Point

P.O. Box 177
Sand Point, Alaska 99661
(907) 383-2696

MEADOWS SUBDIVISION PHASE I WATER & SEWER

ATTACHMENT A

PROJECT DESCRIPTION

The proposed project consists of extending city water and sewer service to 79 single-family residential lots, and to the new Sand Point school, which will commence construction this summer.

Water System. The proposed project entails development of a main transmission line, new storage tankage, and distribution water lines to 79 building lots, and to the new Sand Point school. Approximately 500 persons (including up to 250 users of the school's system) will ultimately benefit from the extended service. Attachment W-1 illustrates, in conceptual form only, the proposed system's components; full project engineering has not been undertaken pending approval of this application.

Water will be drawn from the present city reservoir, and will be treated by the existing treatment plant (installed by PHS several years ago.) A new 5-hp pump will lift the water to a proposed 60,000 gal. storage tank, located at a significantly higher elevation than the present tank. (Much of the new subdivision is at a higher elevation than the present tank.) From the tank, water will be distributed by DIP throughout the subdivision. Fire hydrants and service connectors will be provided as part of the water system.

Sewer System. The proposed system entails development of a new stand-alone sewer and sewage treatment system, owing to the fact that the present city system presently handles more wastewater than its original design capacity. Site restrictions and elevations further mitigate against expansion of the present system to handle the new subdivision. Attachment S-1 illustrates, in conceptual form only, the proposed system's components; full project engineering has not been undertaken pending approval of this application.

Sewage will be collected from approximately 80 service connections through 8" mains to a 50,000 gpd treatment plant. A 1,600' ocean outfall line will also be included in the project. 38 manholes will be required by the project.

Previous actions. The 1981 Legislature approved a $8,000,000 grant to the city for construction of a new school serving Sand Point. Construction on this school is expected to commence this summer. The city is in the process of building an access road to the school site; this road will also serve 79 residential lots being developed as aprt of the overall expansion plan. Electrical service will be provided by the local electrical utility, Pelican Utility Company.

By letter on February 23, 1982, John Sevy, the Sand Point City Administrator, informed Mr. Keith Kelton of DEC as to the pending nature of this application.

Funding methodology. The city proposes to use a variety of funding approaches to provide the local share for this project. A $1.3 million grant for the city is included in HB 840, currently pending in the Legislature. Additional project funding will be secured as necessary through a contribution from the Sand Point School District for services extended to the school; by creation of an assessment district ; and, to the extent reasonable and necessary, through cash contributions from the City of Sand Point General Fund. Specific details of the financing plan will be finalized, of course, following project engineering when firm costs are known.

Timing. Owing to the fact that the school is planned to commence construction this summer, time is of the essence in this project. Occupancy for the school is planned for early 1983; the water and sewer system should be functioning by then.

Operations. The City of Sand Point will operate all new facilities in the same manner as at present.

Attachments:	B	See attached letter dated 3-16-82 from R & M Engineers	
	W-1	Water plan diagram " 3-15-82 " " "	
	S-1	Sewer Plan Diagram " " " " "	

NOTE: The proposed project is designed to permit expansion to a larger system capable of providing water and sewer service to more than 220 residential lots. This application is with respect to PHASE I of this plan only.

R&M CONSULTANTS, INC. 5024 CORDOVA • BOX 6087 • ANCHORAGE ALASKA 99502 • PH. 907-278-0483 • TLX. 090-25280

ENGINEERS
GEOLOGISTS
PLANNERS
SURVEYORS

March 16, 1982 R&M No. 151188

City of Sand Point
1689 "C" Street
Anchorage, Alaska 99503

Attention: Mr. John Sevy, City Manager

Subject: Sand Point Water and Sewer Funding Estimate

Dear John:

Enclosed is copy of report and six maps used in our November 1981 meetings in Sand Point for reference. As noted on Page 5 of report:

Water System cost estimate = plus contingencies engineering + power plus storage tank if desired. This could amount to over $2,000,000 plus power.	$1,641,500
Sewer System cost estimate = plus contingencies, engineering + power This could amount to $4,900,000 plus power. This total of $6,900,000 is undoubtedly out of reach at present.	$4,095,200

My suggestion is to go for the school area plus 79 lots of the Meadows Subdivision and include the new water storage tank on the hill. Page 7 of the old report shows estimate at that time without the storage tank. With price escalation etc. I would suggest the following as a cost estimate for funding purposes:

OCT 20 1982

COST ESTIMATE
SCHOOL PLUS 79 LOTS IN THE MEADOWS SUBDIVISION

WATER SYSTEM

5 HP Pump & controls in exist treatment bldg	$ 10,000
4,000 ft. 4 inch P.V.C. pipe @ $50	200,000
60,000 gal. storage tank installed	85,000
8,000 ft. 8 inch D.I.P watermain @ $75	600,000
12 Fire hydrants installed @ $2,000	24,000
80 Service Connection @ $500	40,000
Pump booster station	80,000
	$1,039,000
20% Contingencies and Engineering	207,800
WATER TOTAL	$1,246,800

SEWER SYSTEM

14,000 ft. 8" sewer main @ $75	$1,050,000
38 Manholes	152,000
50,000 G.P.D. Sewer treatment plant	600,000
80 Service connections @ $1,000	80,000
1,600 ft. Outfall line @ $120	192,000
	$2,074,00
20% Contingencies and Engineering	414,800
SEWER TOTAL	$2,488,800

TOTAL WATER & SEWER = $3,735,600

Electrical Power costs are not included.

Pelican Utilities wants a set of subdivision maps to use for estimating. They called in December and I said I would get maps to them when the Subdivision was approved. If we are only going to figure a portion of the subdivision, we should so inform them when I send them the maps. Please advise.

Very truly yours,

R&M CONSULTANTS, INC.

V. J. Gretzinger, P.E.
Senior Engineer

VJG/kcp

City Council of Sand Point
Box 16
Sand Point, Alaska 99661

March 5, 1982

Alan Loud, Project Architect
Lane, Knorr & Plunkett AIA Architects
600 Barrow Street
Anchorage, AK 99501

Dear Alan:

Subject: Sand Point School Water and Sewer

This is in regard to our phone conversation of today.

The city has requested financial assistance for the installation of water and sewer services to the new school and the Meadows subdivision in Sand Point. Additionally, we anticipate using financial assistance from the Department of Environmental Conservation to the extent DEC's water and sewer construction program is adequately funded by the legislature.

However, it is doubtful if the legislature will enact any assistance legislation prior to the very end of this legislative session, so the time frame for design and construction of systems this summer may be jeopardized or at least delayed until the fall.

The city plans to develop complete water and sewer systems for the school and subdivisions, but if available funding for these systems falls short of the total package, we would need to install the water system first, and would have to postpone the sewer system (including a treatment plant) until adequate funding was available.

For this reason, I would recommend that you undertake the design of a septic tank/leach field sewage treatment system for the school site, so that occupancy of the site would not be held up next year. Hopefully, the time frame during which a tank and field system would be required would be short, but at this point I feel design of such a system would be most prudent.

Please call on me if you have any questions on this matter.

Sincerely,

CITY OF SAND POINT

John F. Sevy

John Sevy
City Administrator

City Council of Sand Point

Box 16

Sand Point, Alaska 99661

February 23, 1982

Keith Kelton, Director
Division of Facilities Construction and Operations
Alaska Department of Environmental Conservation
Pouch O
Juneau, Alaska 99811

Dear Mr. Kelton:

Subject: Sand Point Water and Sewer Extensions

This letter is in response to Commissioner Mueller's letter to me dated February 2, 1982, regarding DEC funding shortages.

The city of Sand Point intends to seek DEC assistance in the development of water and sewer system extensions necessitated by the building of a new school in the community, approved in the last legislative session, together with a new residential area surrounding the school site. The full scale of the proposed water and sewer extensions are not known at this time pending completion of preliminary analysis on system design and also pending preliminary cost estimates. I have asked the city's consulting engineers on the project to prepare such materials as may be necessary for inclusion in a formal application to DEC; nevertheless I feel obligated to submit this letter as advance notification of the pending application.

I anticipate the total funding ultimately to be requested from DEC may well exceed $1 million, although you can well appreciate how tentative these figures must be at this time. The school is scheduled to begin construction this spring, and how DEC funding shortages may effect the development program is unknown at this point.

I will be forwarding a formal application for DEC assistance on this project in the very near future, but trust this letter will serve to notify you of its impending nature. Please call me at 276-2700 if you have any questions or need any points clarified.

Sincerely,

CITY OF SAND POINT

John Sevy
City Administrator

STATE OF ALASKA

JAY S. HAMMOND, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

465-2610 POUCH O – JUNEAU 99811

February 2, 1982

John Sevy, Administrator
City of Sand Point
Aleutian/Pribilof Island Assn.
1689 "C" Street
Anchorage, AK 99501

Dear Mr. Sevy:

I am writing to inform you of a situation that may impact your Capital Improvement Construction Program for the Department of Environmental Conservation in 1982. The Construction Grants Program has no funds available at this time for new projects. This program, as you may know, helps fund water, sewer, and solid waste capital improvement projects.

Several combined factors in the latter part of 1981 created an unprecedented demand for ADEC participation in new utility construction statewide. These included expansion of the construction grants program to incorporate funding for solid waste processing and disposal facilities, and the availability, on a massive scale, of legislatively distributed revenues which provided many municipalities with the local matching funds required to apply for these grants.

The effect has been that all funds available to the Construction Grants Program have been obligated to specific projects. A reserve of approximately $1.5 million has been set aside for completion of current construction, but this fund is insufficient to allow commitment to new projects.

The program will continue to receive applications for grant assistance. Applications received will be reviewed to determine grant eligibility and placed on a waiting list in order of receipt in completed form and the applicant notifed of the inability to provide immediate grant commitment. As new funds become available, grants will be made to projects in order. We will contact you to determine your continued interest when funding is available.

We anticipate to be able to award a few new grants as unused funds from completed projects are returned to the bond fund for reobligation. We also expect the Legislature to appropriate our capital budget request of $10 million in June or July of 1982. These funds should enable our normal practice of awarding grants as applications are submitted. We also expect voters to be given the opportunity to approve approximately $40 million more in the November 1982 general election.

If we can provide further information on any aspect of information contained in this letter, please do not hesitate to contact Keith Kelton, Director, Division of Facilities Construction and Operation at 465-2610.

Sincerely,

Ernst W. Mueller
Commissioner

Old Harbor City Council
Box 109 Old Harbor Alaska 99643

January 10, 1983

Senator Bob Mulcahy
Pouch V
Juneau, Alaska 99811

Dear Sir:

Enclosed is an estimate compiled by PHS for upgrading our water and sewer system in the old section of town here in Old Harbor.

The maintenance and repair costs to this system are growing all of the time.

We have been attempting to obtain funding for this purpose for quite awhile without any luck.

Perhaps, with your support, we will be able to get Legislative funding from this session in order to remedy this terrible problem.

We will be looking forward to hearing from you about this.

Sincerely,

OLD HARBOR CITY COUNCIL
Sven Haakanson, Mayor

Olga Pestrikoff

Olga Pestrikoff for
Sven Haakanson

Enclosures

Old Harbor City Council
Box 109 Old Harbor, Alaska 99643

February 9, 1982

Representative Eric Sutcliffe
Pouch V
Juneau, Alaska 99811

Dear Mr. Sutcliffe;

After going over our total expenditures for upkeep and repairs on our water and sewer system, I find that it is a drain on our City revenues beyond reason. I called Mr. Dworsky about this and find that his department has already submitted their annual budget.

We are now experiencing over flowing sewer man holes. This is a serious sanitation problem, of which Mr. Dworsky is aware.

I am enclosing the letter from Mr. Dworsky with the proposal and I hope that you can tack this in on their projects.

I am really sorry that I didn't come up with this before. We assumed that we could make it for a few more years with the present system, but find that we have drastically out grown it. I am told by our Public Works Director that this coming spring thaw will be the last of it, because of the temporary [illegible] repairs will give way.

We feel that a lift station is the way to go.

Sincerely yours,

OLD HARBOR CITY COUNCIL

Sven Haakanson, Mayor

Enclosures

cc: Senator Bob Mulcahy
Representative Fred Zharoff
Mr. Michael Dworsky

OLD HARBOR DRAINAGE SYSTEM

Gene Kane
ph. 264-2201
225 Cordova
Bldg. 8,
Anchorage, ak 99501

OLD HARBOR CITY COUNCIL
BOX -
OLD HARBOR ALASKA 9964

Dear Mr. Kane:

Enclosed is the criteria for an application for a RDA grant for the 2nd close city of Old Harbor Drainage System. showing areas both in up town and down town of Old Har

These studies and feasibility survey were made by Arthur Haakanson with the help of members of the community interested and involved with this hopeful coming project - as a in kind contribution.

Participation would involve at times, a flat bed truck, a back ho both city property, rented to the work project by the city - and a work force of 10 men.

Work would begin as soon as clearanc and a resolution by the city council and the Rural Development Agencys app is passed. Possibly and we sincerely hope before the end of may. Termination of the project should be completed by June

sincerely, Arthur Haakanson
public works director -

UNITED STATES GOVERNMENT

2-Way Memo

INSTRUCTIONS

Use routing symbols whenever possible.

SENDER:
Use brief, informal language.
Conserve space.
Forward original and one copy.

RECEIVER:
Reply below the message, keep one copy, return one copy.

Subject : WATER & SEWER IMPROVEMENTS

To : SVEN HAAKANSON

RECEIVED 11-5-82

DATE OF MESSAGE	Routing Symbol
Nov 2, 1982	

SIGNATURE OF ORIGINATOR: Nick Demonbreun

TITLE OF ORIGINATOR: Dist Engineer

FOLD

INITIAL MESSAGE

HERE IS 4 COPIES OF THE ROUGH ESTIMATE YOU REQUESTED. THE PRICE SHOULD PROBABLY BE UPGRADED BY APPROXIMATELY 15% OVER THE ORIGINAL, TO ACCOUNT FOR INFLATION AND INCREASED COST IF MATERIALS & SHIPPING.

I WOULD SUGGEST ADDING

$ 645,150	OLD TOTAL	1,007,400
+ 96,750	INFLATION FACTOR	+ 151,100
$ 741,900	NEW TOTAL	$ 1,158,500

OCEAN OUTFALL SYSTEM — LAND DISPOSAL SYSTEM

REPLY MESSAGE

DATE OF REPLY	Routing Symbol

From :

SIGNATURE OF REPLIER

TITLE OF REPLIER

7-104

1. TO BE RETAINED BY ADDRESSEE

OPTIONAL FORM 27
JULY 1973

DEPARTMENT OF HEALTH & HUMAN SERVICES
PUBLIC HEALTH SERVICE

ALASKA AREA NATIVE HEALTH SERVICE
BOX 7-741
ANCHORAGE, ALASKA 99510

February 3, 1982

Refer to: A-EHB

Mr. Sven Haakanson, President
Old Harbor City Council
Old Harbor, Alaska 99643

Dear Mr. Haakanson:

In reply to your telephone request, I have had our staff work-up a rough estimate for upgrading the water and wastewater systems in the older portion of Old Harbor. The enclosed estimate was based on distances scaled off of old drawings. The size of the pipes and the materials used in this estimate were picked to meet prevailing state standards, and to comply with good engineering practices.

Two methods of disposing the sewage were investigated; the ocean outfall method is the cheapest to install, operate, and maintain. The alternate method of utilizing a sewage lift station to force the effluent up to the existing lagoon, located over a mile away, is costly to build, difficult to operate and expensive to maintain. See the enclosed estimate of operation and maintenance expenses for a sewage lift station.

The preliminary cost estimate based on your needs as described over the phone, will hopefully satisfy your requirements. The Village Safe Water program, a function of Department of Environmental Conservation is funded to serve communities like yours. Mr. Tim Bergin in Juneau, at 465-2613, might be able to offer you some useful information.

If our office can be of further assistance, pleace call Mr. Dan Rogness, Chief, Sanitation Facilities Section, at 271-4711.

Sincerely,

Michael Dworsky
Sr. Engineer Officer
Acting District Construction
Engineer

Enclosure

Estimated Cost of Proposed Facilities

ITEM	UNIT	UNIT COST	TOTAL COST
A. Water System			
1. Water distribution line 4-inch ductile iron, with 90° elbow, tee's and appurtenances	2,000 feet	$75/feet	$150,000
2. Service connections including corp stops, curb stops.	50 each	$1,000/each	50,000
3. Fire hydrants, gate valves, thrust blocks	10 each	$2,500/each	25,000
Subtotal, Water System			$225,000
B. Sewer System			
1. Sewer line, 8-inch ductile iron	2,400 feet	$90/feet	$216,000
2. Manholes, 5 feet deep	10 each	$3,000/each	30,000
Subtotal, Sewer System			$246,000
C. Ocean Sewage Treatment			
1. Septic tank, 25,000 gallon	1 each	$65,000/each	$ 65,000
2. PE ocean outfall line with anchors, 6-inch PE	500 feet	$50/feet	25,000
Subtotal, Ocean Sewage Treatment			$ 90,000
D. Optional Land Disposal of Sewage			
1. 25,000 gallon septic tank	1 each	$65,000	$ 65,000
2. Lift station, complete	1 each	$60,000	60,000
3. Emergency lift station overflow	100 feet	$50/feet	5,000
4. 5,500 feet, 4-inch PE force main	5,500 feet	$50/feet	275,000
Subtotal, Optional Land Disposal of Sewage			$405,000

Summary of Estimated Cost

	Ocean Outfall System	Land Disposal System
Subtotal, Water System	$225,000	$ 225,000
Subtotal, Sewer System	246,000	246,000
Subtotal, Ocean Sewage Treatment	90,000	
Subtotal, Optional Land Disposal of Sewage		405,000
	$561,000	$ 876,000
+15% Contingencies	$ 84,150	$ 131,400
	$645,150	$1,007,400

Cost Per House (50 Units)

Ocean Sewer: $\frac{\$645,150}{50} = \$12,903$

Land Sewer: $\frac{\$1,007,400}{50} = \$20,148$

Estimated Operation and Maintenance Cost for Lift Station

Old Harbor, Alaska

For the purpose of this estimate, the following conditions were assumed:

1. A 5 hp pump, using approximately 190 kwh of electricity per month.
2. Two hours of maintenance per week.
3. Electrical usage charge of 45.27¢/kwh.
4. Labor @ $20/hour.
5. $840/year for repair and replacement parts.

Total Monthly Cost:

Electric	$ 86 *
General Maintenance	174
Repair and replacement	70
	$330/month

* A state electrical subsidy of 26.93¢/kw would reduce the electrical charge to $35/month, reducing the total monthly cost to $280/month.

BRISTOL BAY BOROUGH
LEGISLATIVE GRANT REQUEST, FY 84
PRIORITY LIST

PRIORITY

1 Well in South Naknek

Funds to drill a well and construct a 10,000 gallon water reservoir for fire protection in South Naknek are requested.

Estimated Cost: $ 86,900

2 Dock Improvements

Excavation of Dock Area: The area directly adjacent to the staging areas needs to be excavated to provide space for supporting facilities and temporary storage. The Borough will request a Legislative grant to excavate this important area.

Water Supply to Dock: The Borough's dock requires a water system to provide fire protection and service marine, domestic and industrial consumption. A Legislative grant for a well, transmission system and 10,000 gallon water reservoir is sought.

Dock Fence: A secure area for dock freight and equipment is needed. The Borough requests a Legislative grant to purchase and install a fence around the dock.

Dock Buildings: Current plans include two buildings. They will provide office space and maintenance facilities for dock personnel and equipment. The Borough requests a Legislative grant to purchase and build two pre-fab metal buildings for the dock.

Estimated Cost: $2,219,360

BRISTOL BAY BOROUGH
LEGISLATIVE GRANT REQUEST, FY 84
PROJECT DESCRIPTIONS

1 SOUTH NAKNEK WATER WELL AND STORAGE FACILITY

INTRODUCTION

South Naknek is a community of approximately 130 people with two major fish canneries - Bumble Bee and Alaska Packers; also two large support facilities for the fisheries of Kenai Packers and PAF. It is isolated from Naknek and King Salmon by the Naknek River.

This community does not have a water source suitable for the purpose of fire fighting. In the summer, water to refill fire fighting apparatus is pumped out of a nearby lake. In the winter, water is pumped from a domestic-size well through 3/4" piping giving no more than 15 gallons per minute. (In winter lakes are frozen and can't be relied upon as a water source.) Either method is inadequate for supporting fire protection efforts.

The Borough currently operates one tanker holding 1,500 gallons and one pumper holding 500 gallons with a 500 gpm pump in South Naknek. Negotiations to purchase an additional piece of equipment are in progress.

To operate the fire fighting apparatus efficiently and to the maximum fire suppression potential South Naknek requires a source of water with the capacity to refill the equipment at a rate of not less than 250 gallons a minute. A well and tank facility is the appropriate approach to this problem.

Required is a deep well to fill the storage tank producing not less than 60 gpm, with an 8 - 10,000 gallon storage tank and a 250 gpm pump to refill the equipment.

This system would provide enough water to meet the fire protection needs of South Naknek. This water source could also be used as emergency water supply in case of a civil emergency.

A like system is in operation in Naknek at the present time. Our experience with the Naknek system has been a successful one.

COST SUMMARY

Well	$ 33,100
Storage tank	20,000
Pump	3,000
Piping	2,300
Electrical	2,500
Building	12,500
Miscellaneous material and equipment	2,000
Equipment rental	8,000
Freight and miscellaneous shipping	3,500
TOTAL	$ 86,900

COST ANALYSIS

Well Drillers $ 33,100

Estimate for an 8" cased well at an undetermined depth (able to produce 60 gpm)

Storage Tank $ 20,000

10,000 gallon pressure storage tank

Pump $ 3,000

Pump with the capability of pumping 250 gpm

Piping $ 2,300

Self explanatory

Building $ 12,500

The buidling is proposed to be a wood frame heated structure of 20' x 20' x 10' dimension capable of housing the storage tank, well, and pump facilities.

Miscellaneous $ 10,000

Material and equipment rental

Shipping $ 3,500

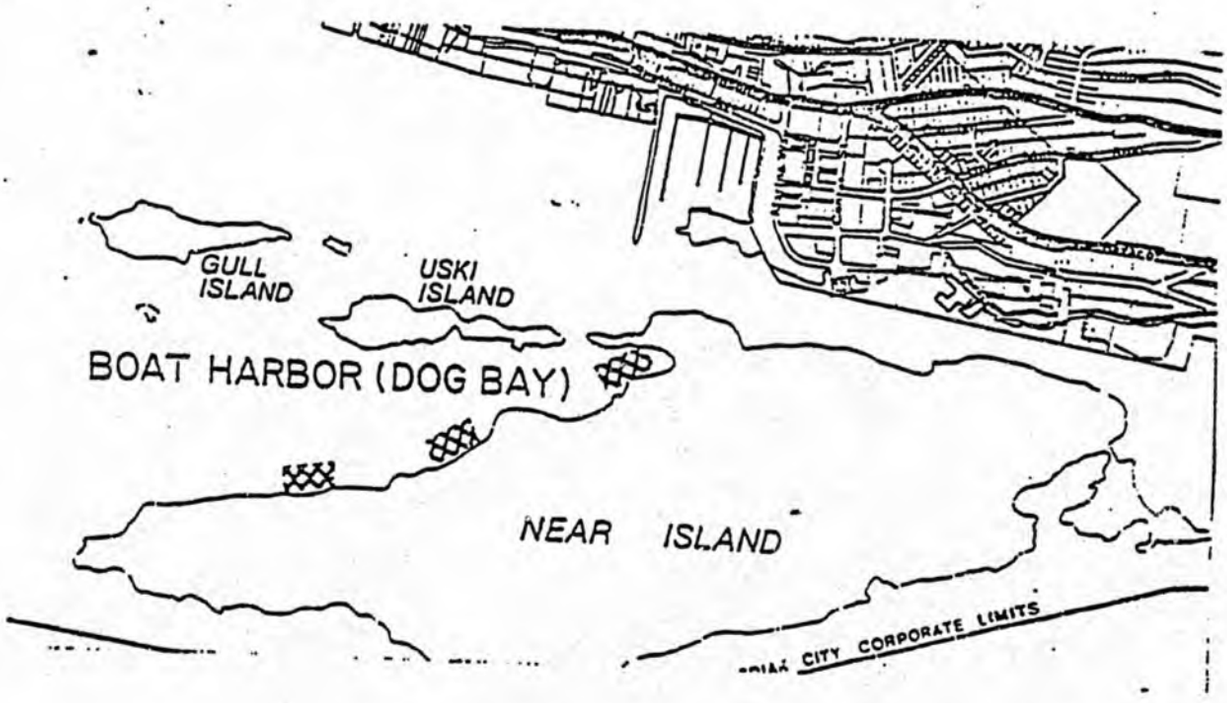
Freight and miscellaneous shipping

DESIGN OF WATER AND SEWER SYSTEM ON NEAR ISLAND

This project will consist of design and engineering of a water and sewer system on Near Island. The Dog Bay Boat Harbor is presently under construction, and several other public facilities are in planning, including the Fishery Industrial Technology Center.

The firm of Peratrovich & Nottingham has been contracted by the City of Kodiak to do an extensive Near Island Master Plan for island usage, including commercial and private residential buildings.

Below is a map with the Dog Bay Boat Harbor shown. This will be the main area of water and sewer service.

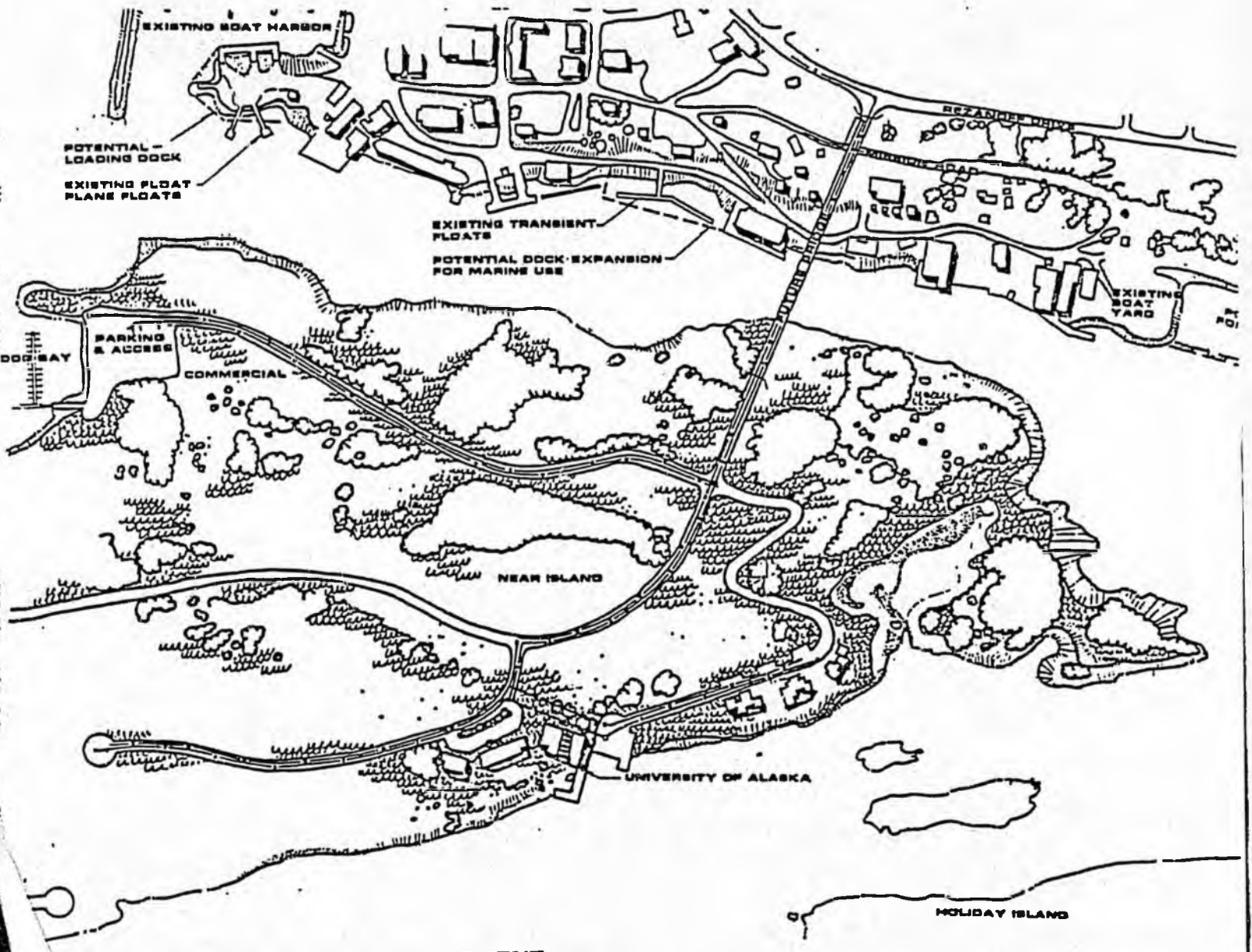


near island utility development planning & engineering funding request city of kodiak, alaska

introduction

Kodiak depends upon marine-related commerce for economic stability and future growth. To accommodate expansion of both marine commerce and other industry, the adjacent Near Island is being developed. Currently, a new bridge to the island and Dog Bay Boat Harbor have been designed, and the University of Alaska has proposed a significant addition to their program on Near Island.

Expansion of these facilities calls for supporting utilities, including water, sewer, and power. Planning, design, and construction of critical portions of the development must be a coordinated, homogeneous effort, so that the result is a functional and useful supplement to the economy. Improper planning and construction of any key element would have a negative impact on the entire Near Island plan and also impact future development.



PHASE ONE DEVELOPMENT
WATER & SEWER

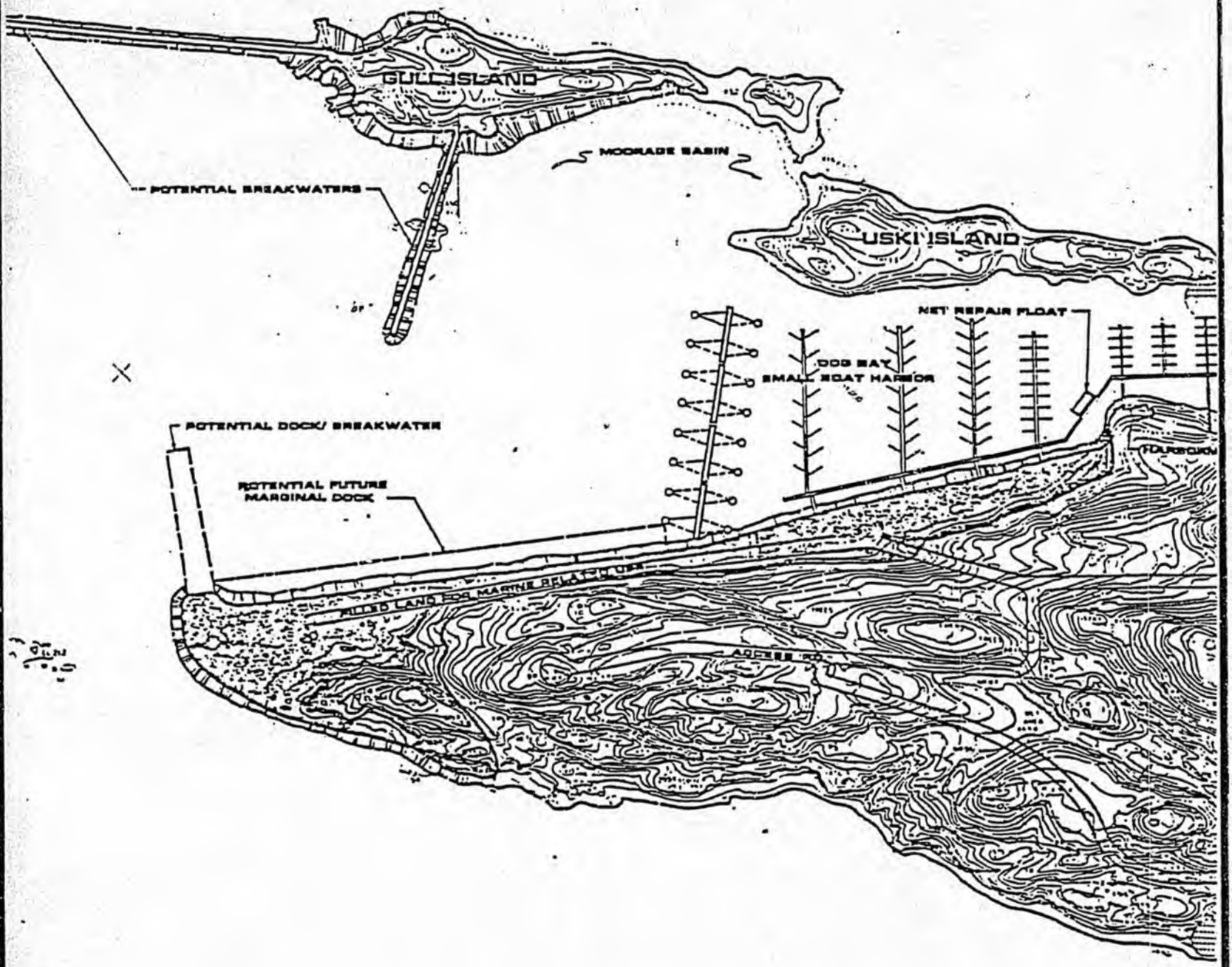
water and sewer

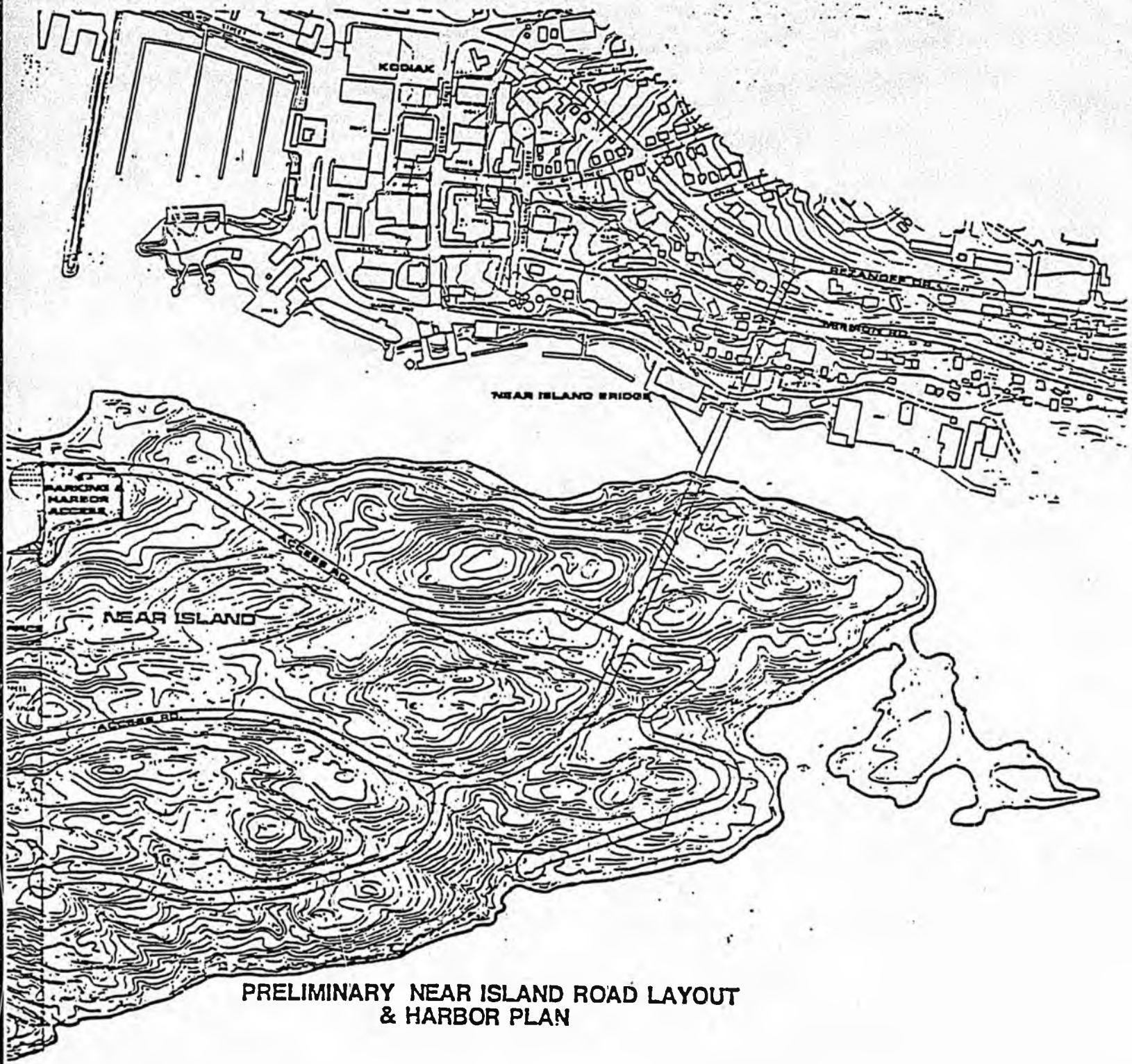
The bridge currently being designed is the key to water and sewer supply to Near Island. With a sewer connection to Rezanoff Drive and a water connection to Mission Road, trunk pipelines can be carried by the bridge and extended to key locations on Near Island.

It is imperative that planning and design of proposed pipeline connections, sizes, and supports be incorporated into the forthcoming bridge construction contract. For efficient coordinated development, the planning and preliminary design for all Near Island utilities is an important factor.

Near Island has many harsh features, including bedrock near the surface and steep slopes that can limit development. Costs of utility extensions and connections on this type of land are high, but they can be minimized with proper long-range coordinated planning.

Very preliminary drawings are included to help illustrate the nature and extent of expected development for this project.



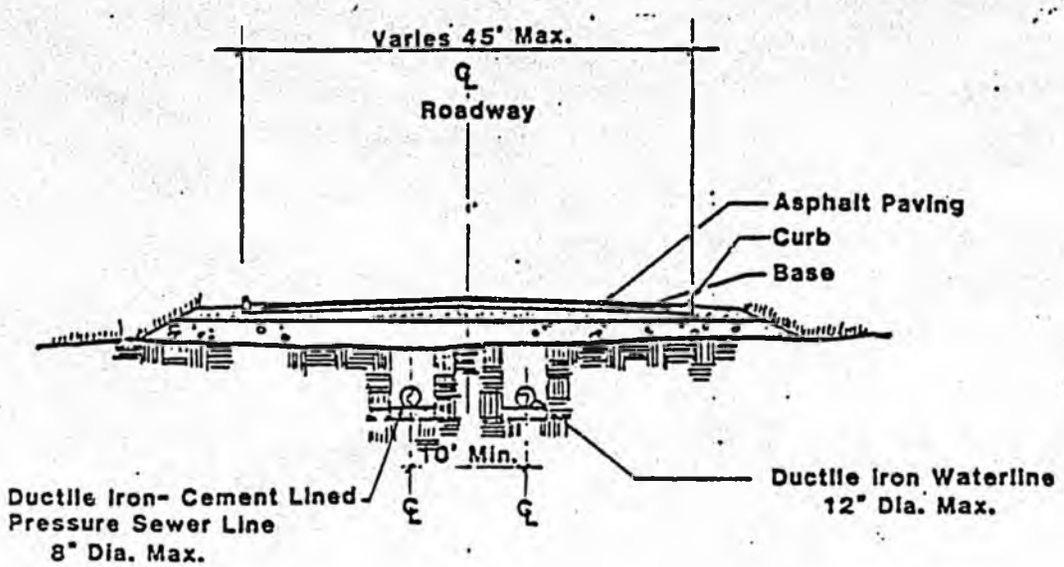


PRELIMINARY NEAR ISLAND ROAD LAYOUT
& HARBOR PLAN

project budget & timing

ime is of the essence for funding utility planning and engineering mprovements on Near Island. At present, ongoing bridge engineering must ncorporate pipelines and supports into the plans.

osts for planning, preliminary engineering, and contract development are stimated at approximately $350,000



Typical Improvement Section

CITY OF KODIAK ALASKA

For additional information, contact:

William C. Bivin, City Manager
Laurence Monroe, P.E., City Engineer
P.O. Box 1397, Kodiak, Alaska, 99615 (486-3224)

CITY OF PORT LIONS

RESOLUTION #83-1

A RESOLUTION OF THE CITY OF PORT LIONS REQUESTING FUNDING FROM THE STATE OF ALASKA FOR CAPITAL PROJECTS UNDER THE FOLLOWING PRIORITY LIST.

WHEREAS, the Health, Safety and Welfare of the residents of Port Lions requires a proper water and sewer distribution system, safe roads, proper fire hydrants and fire equipment, a proper Community Hall and Library Complex, and an adequate Harbormaster Building, and

WHEREAS, the following Capital Projects list for the years 1983 through 1987 will correct the problems Port Lions residents now experience, and

WHEREAS, the City of Port Lions has submitted and received approval of this Capital Projects list by the Kodiak Island Borough, and

WHEREAS, the attached priority list was submitted on January 4, 1982 to the State of Alaska and the City of Port Lions was not given any consideration to this list last year, and

WHEREAS, the Port Lions City Council has reviewed and updated the Port Lions Capital Improvement Program and wishes to resubmit the Port Lions Capital Projects list this year,

NOW THEREFORE BE IT RESOLVED, the Port Lions City Council requests the State of Alaska consider and provide funding for the attached Capital Projects List as submitted this year of 1983.

BE IT FURTHER RESOLVED, that the City of Port Lions will maintain and operate these funded Capital Projects at no cost to the State of Alaska.

THIS RESOLUTION BECOMES EFFECTIVE ON THE DATE OF ADOPTION BY A DULY CONSTITUTED QUORUM OF THE PORT LIONS CITY COUNCIL.

18 January 1983
DATE OF ADOPTION

Patricia Luka
MAYOR

ATTEST:
CITY CLERK

City of Port Lions
P.O. BOX 278
PORT LIONS, ALASKA 99550

CITY OF PORT LIONS

FY'83 CAPITAL PROJECTS

1. Bayview Drive Project

1983	Phase I: Sewer Main	$131,750.00
1984	Phase II: Sewer & Water Mains & 1200' Road Construction	$788,000.00
1985	Phase III: Final Road plus 600'	$180,000.00

2. Port Lions City Roads Rebuilding

1983	Malina St. - 140'	$17,500.00
1984	Hillside Dr. - 2,100 '	$262,500.00
1984	Main St. - 1,500'	$187,500.00
1985	Spruce St. - 1,800'	$225,000.00
1985	Birch Dr. - 1,200'	$150,000.00
1986	Birch St. - 1,800'	$360,000.00
1986	Beach Dr. - 750'	$93,750.00
1986	Cove Dr. - 300'	$37,500.00
		$1,333,750.00

1983- $ 17,500.00
1984- 450,000.00
1985- 375,000.00
1986- 491,250.00

3. Fire Hydrants & Equipment

1983	30 Hydrants @	$15,000.00
1984	Misc. Fire Equipment	20,000.00

4. Hall, City Office, Library Complex

3800 sq. ft. @ $79.00 $300,200.00

1984 150,000
1985 150,200

5. Harbormaster Building

1985-86 $150,000.00

City of Port Lions
P.O. BOX 278
PORT LIONS, ALASKA 99550

CITY OF PORT LIONS

CAPITAL PROJECTS NARRATIVE

1. BAYVIEW DRIVE PROJECT

Based upon recent preliminary engineering, the City of Port Lions recommends a total "project" concept for providing sewer, water and roads to the Bayview Drive extension. The only existing homes in Port Lions without water and sewer connections to the City's mains are located in this area. This problem represents our community's major health hazard.

The Bayview Drive Project can be developed in three phases over a 3 year period:

1983 - Phase I - Rainbow Street Sewer Main.

In order for Bayview Drive to have sewage, an intertie main with the City's existing system must be built on Rainbow Street. It will immediately serve an existing residence which reduces the community's health hazard. A preliminary engineering has already been completed by the City. Phase I consists of 775 feet of 4" ductile iron sewer main and manholes at a cost of $131,750.00

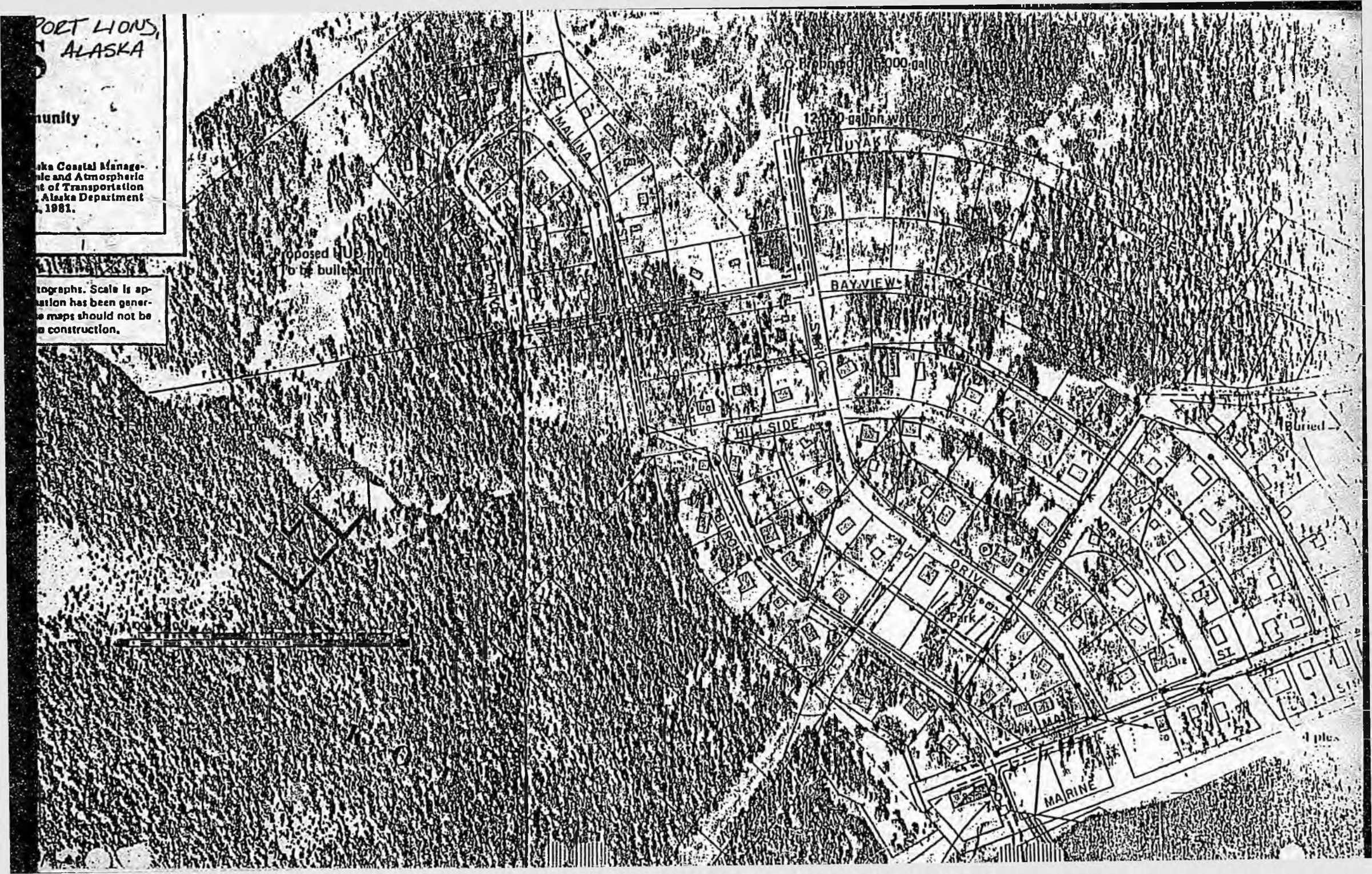
1984 - Phase II - Bayview Drive Sewer and Water Mains and Road.

Engineering reports indicate that water and sewer mains may not be constructed without the basic road construction. Phase II consists of 1,200 feet of 4" ductile iron sewer main, 1,200 feet of 4" water main and 1,200 feet of road construction. All water, sewer and the road will intertie at Rainbow Street. Preliminary engineering estimates Phase II to cost $788,000.00.

1985 - Phase III - Bayview Drive Final construction.

Final road construction of Bayview Drive plus 600 feet to intertie Bayview with all other existing City roads at a cost of $180,000.00.

It should be noted that the City charges all water and sewer users a service fee each month. The existing system operates all year and has a full time operator. The City of Port Lions is wholly responsible for operations and maintenance. The City encloses the existing Ordinance covering water and sewer regulations as Exhibit A. A copy of the preliminary plans are also enclosed.


PORT LIONS, ALASKA
nunity
ska Coastal Manage-
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Alaska Department
, 1981.
tographs. Scale is ap-
ation has been gener-
e maps should not be
n construction.
Proposed 12,000 gallon
12,000 gallon
KAZIUYAK
MALINA
BAY VIEW
SPRUCE
HILLSIDE
Buried
ST
DRIVE
Park
RAINBOW
MARINE

CITY OF PORT LIONS

ORDINANCE #82-4 -- Exhibit A

AN ORDINANCE OF THE CITY OF PORT LIONS PROVIDING FOR THE REGULATION OF WATER AND SEWER FACILITIES BY AMENDING THE PORT LIONS CITY CODE, TITLE 8, BY ADDING CHAPTER 8.1.

SECTION 1. CLASSIFICATION

This Ordinance amends Title 8 by adding Chapter 1 (8.1) to the Port Lions City Code.

SECTION 2. TITLE AND CHAPTER ADOPTED

The following Title & Chapter is included in the Code of Ordinances for the City of Port Lions.

Title VIII City Utilities, Water, Sewer & Garbage.

Chapter 8.1 Regulation of Water & Sewer Facilities.

SECTION 3. USE OF WATER SOURCES OTHER THAN CITY WATER SYSTEM.

It shall be unlawful for any person to construct, maintain or utilize a source of water supply other than the city water system for drinking and sanitary purposes at any building which is located within 200 feet of lines of the city water system, unless an application for an individual water system is submitted and approved by the City Council.

SECTION 4. DISPOSAL OF SEWAGE AND LIQUID WASTE.

It shall be unlawful for any person to dispose of sewage, liquid wastes, or human excreta from any building located within the city by any method other than through the utilization of the city sewage disposal system, if the building is located within 200 feet of any community sewage line, provided that the building is at a higher elevation than the sewage line, unless application for an individual sewage system is submitted to and approved by the City Council.

SECTION 5. OPERATION OF INDIVIDUAL SYSTEMS.

It shall be unlawful for any person to operated or maintain an individual sewage disposal system, unless such system is constructed and maintained in such fashing that it does not contaminate any source of drinking, public or domestic water supply. Such systems shall comply with the applicable standards of the Alaska Department of Environmental Conservation.

SECTION 6. ILLEGAL DISCHARGES.

It shall be unlawful for any person to discharge sewage or other domestic wastes on any surface of the ground within the city.

SECTION 7. ALTERATIONS OF INDIVIDUAL SYSTEMS.

It shall be unlawful for any person to construct, alter or extend an individual sewage disposal system except by permission of the City Council.

SECTION 8. COLD WEATHER MAINTENANCE.

It shall be unlawful for any person using the City water service to fail to have his use protected from cold weather.

SECTION 9. CONNECTION TO CITY WATER SYSTEM AND SEWAGE SYSTEM.

All connections to the city water and sewage systems shall be made at the expense of the user. Costs of the connection and all appropriate regulations including the use of self-help and use of City equipment shall be established by the Council.

SECTION 10. APPLICATION FOR WATER AND SEWAGE SERVICE AND/OR CONNECTION.

A. Each application for water and/or sewage service connection shal. be in writing and shall include the following:

1. Legal name and address of the applicant.

2. Legal description and sketch of the property and building for which the water service is required.

3. The name and address of the person who will install the service lines from the building to be served to the city water and/or sewage systems.

4. An agreement to be responsible for and pay promptly all charges for the service in accordance with this Ordinance.

5. Such additional information as the City Council may require to demonstrate that the proposed connection complies with this Ordinance and any applicable regulations developed by the City Council.

B. The City is authorized to require installation of a water meter at the user's expense on any industrial or commercial consumer line and to charge for such services at a similarly established meter rate, as set forth by Ordinance.

SECTION 11. APPROVAL OF APPLICATION APPEAL.

A. If the City is satisfied that the applicaiton and the proposed connection complies with this Ordinance and applicable regulations hereunder relating to the utilization of the community water and sewage system, it shall approve the application and provide for the connection, upon acknowledgement of the established fees.

B. Any person whose applicaiton for connection has been denied or conditionally approved may appeal to the City Council at its next regularly scheduled meeting.

SECTION 12. INSTALLATION OF SERVICE LINES.

A. All consumer lines to the point of connection to the City water and sewer lines shall be installed by the user, at his or her own expense, and remain his or her responsibility for maintenance and repair.

B. The point of connection shall be the water and sewer mains in all cases.

SECTION 13. APPROVAL FOR CONSTRUCTION OF INDIVIDUAL WATER AND SEWER SYSTEMS.

A. An applicaiton for approval for the construction, or extension to additional residential units, of an individual water system or sewage disposal system shall be made in writing to the City and shall include the following:

1. Legal name and address of the applicant.

2. Legal description and sketch of the property on which the construction is proposed.

3. A sketch of the proposed disposal facility and such additional information as the City may deem necessary to demonstrate that the proposed disposal facility shall comply with this Ordinance and the standards of the Alaska Department of Environmental Conservation.

B. If the City Council is satisfied that the proposed facility will comply with this Ordinance and with the State health regulations, it shall approve the application.

C. Any person whose applicaiton has been denied may appeal to the next Regular Meeting of the City Council.

SECTION 14. MAINTENANCE OF PLUMBING SYSTEM/RESPONSIBILITY OF CONSUMER.

Each consumer of community water or sewage service shall maintain his or her individual water and waste facilities in good repair at his own expense. The consumer's responsibility for water and sewer facilities shall begin at the point of connection to the City's water and sewer main lines and shall include all facilities from that point throughout the building. In the case of individual water and sewer systems, the consumer shall have complete responsibility for his own system.

SECTION 15: MISUSE OF WATER AND SEWER FACILITIES.

Water and sewer facilities may be corrected at the property owners expense by the City where defective fixtures or misuse may affect the safe and proper operation of the City water and sewer system, where there is a willful waste of water; where there is a refusal to permit an inspection by the City.

SECTION 16. AUTHORIZED INSPECTION.

The City through its designated representative or representatives is hereby authorized to make inspections at reasonable times during daylight hours to determine satisfactory compliance with this Ordinance and regulations thereunder.

SECTION 17. ADMINISTRATION AND ENFORCEMENT.

This Ordinance shall be administered and enforced by the City Council. The City Council shall have the authority to establish and regulate by Ordinance, monthly utility rates for water supply and sewage collection services and connection fees, for all domestic and commercial consumers and industrial consumers.

SECTION 18. PUBLIC INSPECTION OF RATES.

A current file of all rates adopted by the City Council by Ordinance shall be available for public inspection during regular business hours at the City office.

SECTION 19. USE OF MONIES COLLECTED.

All monies collected for water and sewage utilities will be used strictly for maintenance, extension, repair, capital improvement and operation of the systems.

SECTION 20. ADDITIONAL REGULATIONS.

The City Council shall adopt such additional regulations, provisions and procedures pertaining to water supply and sewage collection services (utility services) as it deems proper.

SECTION 21. UTILITY OPERATOR.

The utility system shall be operated and maintained by a utility operator. The utility operator shall be the Director of the Department Works and Engineering. The City Clerk shall act as the utility system treasurer.

SECTION 22. QUARTERLY REPORT.

The City Clerk and utility system operator shall develop a written quarterly report for the City Council. This report shall itemize all income sources and disbursements from the operation and maintenance of the utility system. This report shall be approved and filed in the City records.

SECTION 23. TURNING ON SERVICE.

No water from the City water supply shall be turned on for service into any premises by a person except such person or persons as the City shall authorize to perform this service.

SECTION 24. APPLICATION FOR SERVICE.

Applicaiton to have water turned on shall be made in writing to the City Clerk and shall contain an agreement by the applicant to abide by and accept all of the provisions of this Ordinance and of any regulations adopted pursuant to this Ordinance as conditions governing the use of the City water supply and waste disposal facilities by the applicant.

SECTION 25. CONSEQUENCES OF NON-PAYMENT OF SERVICE CHARGES.

Interest at 1.5% per month will be charged on accounts overdue more than 30 days.

SECTION 26. TEMPORARY DISCONNECTIONS.

Temporary disconnections are allowed only if the user requests such disconnections in writing to the City office. Billings will be discontinued upon that request if all past due amounts have been paid in full.

Patricia Huskin
INTRODUCED BY

Patricia Pusa
MAYOR

8 April 1982
1st READING

ATTEST: [illegible]
CITY CLERK

13 May 1982
2nd READING/PUBLIC HEARING

13 May 1982
DATE OF ADOPTION

IGIUGIG VILLAGE COUNCIL
LEGISLATIVE REQUEST # 2
WATER AND SEWAGE/LANDFILL

Need:

The village of Igiugig, which has 33 residents, located on Iliamna Lake, has no centralized or individualized water system, or landfill capable of taking solid waste. Currently there is a landfill, however, it is too close to the town, being between the school and the village. It is also located too close to the Kvichak River and Iliamna Lake.

Water has long been a crucial need at Igiugig, ironically, being beside the largest fresh water lake in Alaska. Water from the lake is currently used, which is acceptable, aside from the fact that it must be packed from the river and/or lake. The elderly folks must have others pack their water.

There is no sanitary facility accepting solid wastes, and the landfill is located on airport property. A more appropriate site is located about 1.5 miles from the village, away from the watershed.

Method of Construction and Management:

The village council requests that the funding be allocated through the Department of Community and Regional Affairs, Division of Local Government Assistance. The council would manage the project utilizing local labor, and subcontracting the water well work. Substancial engineering would be done to see if a centralized system of water intake from Iliamna Lake would be cost effective, both in construction and operations and maintance. Federal funding would be combined with this project, however, at this time, the federal agency (P.H.S.) has extremely limited funds.

Budget:

The budget request for this project is $ 838,000. These costs were established from estimates by the Public Health Service. A breakdown of the budget request is attached.

IGIUGIG VILLAGE COUNCIL
LEGISLATIVE REQUEST # 2
SEWAGE AND WATER SYSTEM

BUDGET DETAIL

Water:			
15 water wells 750ft @ 85/ft	63,750.		
15 pressure systems @ 2,500 each	37,500.		
15 service systems @ 800 each	12,000.		
15 sinks and plumming @ 1000 each	15,000.		
Subtotal this category		150,750.	
Sewage:			
15 Septic tanks & drainfields @ 6,500	97,500.		
15 toilets and plumming @ 3,000	45,000.		
1 sludge pump and tank trailer	6,500.		
Subtotal this category		149,000.	
Solid Waste:			
1 chain link fence 1,450 lf @ 30lf	43,500.		
1 2 yd front end loader	75,000.		
15 garbage cans @ 35. each	525.		
1.5 mile access road dump @ 100,000	150,000.		
1 storage building	18,000.		
Subtotal this category		287,025.	
Labor:			
8 960 hours @ 12/hr @ 11,520	92,160.		
Fringe @ 15%	13,824.		
Subtotal this category		105,984.	
Engineering and Administrative			
Engineering	40,000.		
Administrative @ 10%	83,800.		
Subtotal this category		123,800.	
Contingency		21,441.	
TOTAL THIS REQUEST			$ 838,000.

(1) Project Title	(2) Location	(3) Elect/Dist	(4) Start Date	(5) Complete Date
BALLAINE LAKE SEWER SERVICE	Fairbanks	21	/83	12/83

(6) COST

Funding Sources

1002	Federal Receipts	
[illegible]	[illegible]	
1004	General Fund	$700.0
005	I/A Receipts	
010	G.O. Bonds	
TOTAL PROJECT COST		$700.0

(7) Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

op cost paid by service district

(8) APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name
FAIRBANKS NORTH STAR BOROUGH

PROJECT DESCRIPTION (9)

The goal of this project is to correct a serious health hazard which threatens to disrupt the quality of life in an area of the Borough.

The 50 homes in the Ballaine Lake Subdivision have been plagued with surfacing sewer effluents caused by failing holding tanks and discharge into impermeable soils for several years. In several areas the surface soils have been contaminated and the situation has created a substantial health hazard.

As a solution to the problem the Service Area is proposing to have a sewer main extended by College Utilities Corporation across University of Alaska land and Farmers Loop Road to the subdivision. Roen Design of Fairbanks has developed an estimated construction cost from a preliminary design plan approved by area residents and the University.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

(10) CATEGORY

LEGISLATIVE REQUEST
PROPOSED CAPITAL
PROJECT

LIST IV - These projects are included in the 1983 Program for Progress funding request to the State of Alaska. The list contains only those projects on which construction could begin in 1983 if a timely appropriation is received.

	PROJECT	AMOUNT
1.	School District - Fire/Life Safety	$ 750,000
2.	Handicapped Barrier Removal	300,000
→3.	Ballaine Lake Sewer Service	700,000
4.	Energy Management - Retrofit Projects	120,000
5.	Fire Service Area Projects	300,000
6.	Security Systems - Borough Schools	125,000
7.	Parks and Recreation Projects	350,000
8.	North Pole Library Remodel	71,300
9.	Heritage Park Development	44,500
	SUBTOTAL	$ 2,760,800

SUMMARY

List 1 -	These projects are funded and are underway at this time. Construction will continue or begin in 1983.	$31,342,100
List 2 -	These projects are funded and have been assigned to staff for implementation. Construction is estimated to begin in 1983.	6,221,250
List 3 -	These projects are recommended to the Assembly for funding from local sources. If funded, construction is intended to begin in 1983.	4,133,400
List 4 -	These projects are included in the 1983 Program for Progress funding request to the State of Alaska. The list contains only those projects on which construction could begin in 1983 if a timely appropriation is received.	2,760,800
	TOTAL	$44,457,550

QUALIFICATION

We feel we must qualify the above lists by stating that they represent our intended objective. Should a lack of reasonable bids or competition begin showing up, or if the market becomes saturated, the Department will delay projects as necessary to insure receipt of proper value for each dollar appropriated.

PLEASE SIGN YOUR NAME, TITLE, AND AGENCY FOR THE RECORD AND RETURN THE LIST TO THE SECRETARY. THANK YOU.

NAME	TITLE	AGENCY
Michael T Hill	Staff	Sen Murkowski
David J Donley	Staff	Sen Josephson
Vicki Chapman	ANLP	
Pauline Halkett	ANLP	
Rinna Posehn	ANLP	
Karen Nguyen	ANLP	
Greg A Nothstine	ANLP	
Caroline & Sam Smith	ANLP	
Charmaine Ramos	ANLP	
AL STEVENS	ANLP	
Richard A Stone	Alaska Native Leadership Project (ANLP)	
Potluck Anderson	Leg. Affairs	Mun. of Anchorage
Donna M. Christie	ANLP/AFN	Tanana Chiefs Conference
Gary Zaletel	City Admin.	Nikolai
Pete Atony	council member	Nikolai, AK
----------	Aide	Sen Josephson
Bob Broege	Student	Haines High School
Dirk Halliwill		
Ginny Chitwood	Exec. Dir.	Ak. Municipal League
Gary Hayden	Chief Water Quality	A.D.E.C.
Kim Cusson	Alaska FHAI HERO	Parliamentarian
Doris Bagley	"	Secretary/Treasurer

TESTIFY (Yes/NO)	NAME/REPRESENTING/ADDRESS	PHONE
	Carolyn Titus - Ak Native Leadership Training Project	
	Judy Ramos - Coordinator Alaska Native Leadership Project	

SENATE FINANCE MEETING
February 15, 1983

9:00 a.m.

SB 15 An act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date.

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
SLUDGE DISPOSAL FACILITY	Fairbanks	20	5/83	12/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$850.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		$850.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name City of Fairbanks

PROJECT DESCRIPTION ⑨

This project would upgrade the present sludge handling facilities at the Wastewater Treatment Facility. The work proposed would construct permanent drainable drying beds and install high efficiency sludge dewatering units.

With the current beds, sludge disposal costs an estimated $100,000 per year because the dewatering units experience a high incidence of mechanical failure. Higher efficiency units will produce a drier sludge, requiring less land for beds. Properly constructed sludge drying beds will allow the leachate to return to the treatment facility thus enhancing the drying but not contaminating the ground water.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

⑩ CATEGORY

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL PROJECT

Program for Progress

Project: Sludge Disposal Facility

Sponsoring Agency: City of Fairbanks

Capital Request: $1,500,000

Estimated Annual M&O Cost: $40,000/year savings for the completed project

Description/Public Benefit:

This project will upgrade the present sludge handling facilities at the Fairbanks Wastewater Treatment Facility. The work proposed would construct permanent drainable drying beds and install high efficiency sludge dewatering units.

With the current beds, sludge disposal costs an estimated $100,000 per year because the dewatering units experience a high incidence of mechanical failure.

Higher efficiency units will produce a drier sludge, requiring less land for drying beds. Properly constructed sludge drying beds will allow the leachate to return to the treatment facility thus enhancing the drying but not contaminating the ground water.

Contact Person

Name: John Miko

Title: Sewer Manager

Phone: 456-2235

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
CITY SEWER/DRAINAGE UPGRADE	Fairbanks	20	5/83	12/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$960.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		$960.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name CITY OF FAIRBANKS

PROJECT DESCRIPTION ⑨

Sewer collection systems and the treatment plant often become overloaded during periods of storm run-off.
This project will upgrade drainage in the identified problem areas. Water will be diverted prior to entry into existing sewer lines.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

FY 84

⑩ CATEGORY

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL PROJECT

① Project Title	② Location	③ Elect Dist	④ Start Date	⑤ Complete Date
Van Horn Interceptor Upgrade	Fairbanks	20	5/83	11/83

⑥ COST

Funding Sources

1002	Federal Receipts	
1003	G/F Match	
1004	General Fund	$360.0
1005	I/A Receipts	
1010	G.O. Bonds	
TOTAL PROJECT COST		360.0

⑦ Operating Impact

		First Op. Yr.	Ult. Annual Yr.
Funding Source	Fed. Rec.		
	Gen. Fund		
	Other		
	Total		
Positions (FTE)			

⑧ APPROPRIATED TO:

☐ State Agency
Agency Name
Program

OR

☒ Municipal Grant
Municipality Name CITY OF FAIRBANKS

PROJECT DESCRIPTION ⑨

The existing Van Horn interceptor serves as the main collector from Ft Wainwright lines and feeder lines from So Fairbanks. High ground water and pecular conditions contribute to the poor carrying capacity in the area.
Funds will implement the designed upgrade solution to the Van Horn condition.

SENATOR DON BENNETT

REQUESTING LEGISLATOR:

(Signature)

⑩ CATEGORY

FY 84

35 LEGISLATIVE REQUEST
PROPOSED CAPITAL
PROJECT

FEB 4

CITY OF FAIRBANKS
Office of City Manager
410 CUSHMAN STREET
FAIRBANKS, ALASKA 99701
907-452-1881

February 1, 1983

Representative Bob Bettisworth
Pouch V
Juneau, Alaska 99811

Dear Representative Bettisworth:

I received the word from Mayor Walley and Councilman Ted Lehne that you are interested in reviewing those projects that we may start construction on this 1983 season.

They are:

1. Drainage project city-wide, $960,000, employing 20 additional men, would accomplish four miles (21,000 feet) of drainage.

Slaterville	Feet of Drainage
Betty, Clara & Charles Street	1,700
Aurora	
Bridgewater East of Fern	800
Alleys East of Aurora Drive	3,000
Marika-Evergreen Intersection	800
Sendel	600
Bridgewater East of Aurora Drive	100
West Fairbanks	
Rewak Drive Outfall	2,000
Mooreland Acres Alleys	1,100
Townsite	
6th Avenue East of Lathrop St.	200
Crosson St.	1,300
Denali Way	200
10th & Stewart	500

South Fairbanks	Feet of Drainage
Maryann Alley	500
26th East of Cushman	300
Drainage into new 23rd Avenue System	1,100
Island Homes	
Replace concrete troughs	1,000
Upgrade Island Homes Drainage Slough	2,700
Hamilton Acres	
Alley drainage next to Farewell	7,500
Adjacent alley drainage	3,000
"F" Street Outfall	2,000
	33,900 feet = 6.4 miles

2. Another unfunded project that could be under construction this season is the Arctic Park and Council Subdivision Street Improvements. We have all the field work for this project and a substantial portion of the design work. If construction funding were made available prior to the end of February, 1983, this project could be under construction in the 1983 season. This project would employ about twenty (20) persons working on site during most of 1983 with some work continuing into the 1984 season. Immediate funding in the amount of $1,818,000 is required.

The following projects, of our utility plants, are also ready for immediate construction, and all require funding in the amounts indicated:

	Sewer Utility	Man-Months	Amount
3.	Van Horn Interceptor	30	$ 360,000
4.	Sludge Disposal Facility	120	850,000
	Water and District Heat Utility		
5.	Steam and Condensate Line Replacement	4	152,600
6.	Steam Manholes and Utilidor Rehab	15	183,000
	Telephone Utility		
7.	Remodel Telephone Service Center	40	100,000
8.	Globe Routine Additions	50	532,000
9.	University Switching Center (Greenwood X-Change)	20	228,000
10.	Goldstream Routine Additions	6	62,000

Introduced: 1/18/83
Referred: Community and Regional Affairs and Finance

Funding Information

General Fund	$28,000,000
Other Funds	-0-
	$28,000,000

BY GILMAN, STURGULEWSKI AND P.FISCHER

IN THE SENATE

SENATE BILL NO. 15

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTEENTH LEGISLATURE - FIRST SESSION

A BILL

For an Act entitled: "An Act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date."

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

* Section 1. The sum of $28,000,000 is appropriated from the general fund to the Department of Environmental Conservation for grants for water and sewer facility construction authorized by AS 46.03.030.

* Sec. 2. This Act takes effect immediately in accordance with AS 01.-10.070(c).

SENATE FINANCE MEETING
February 15, 1983

9:00 a.m.

SB 15 An act making a supplemental appropriation to the Department of Environmental Conservation; and providing for an effective date.

SENATE FINANCE MEETING
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