LEG. FINANCE - BILLS 1983 - 1984 2002

SB 15 cont.

2002

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

8) Existing population directly benefiting from this project:

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

a) Eliminate or Reduce Ground Water Contamination: None

b) Improve Receiving Water Quality: None

c) Reduce Wind-Blown Litter: None

d) Other: N/A

10) Category of Beneficial Use: Percentage of Users Benefiting

a) Residential/Commercial 90 %

b) Industrial %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: April 1982

b) Date Design to be Completed: Nov. 1982

c) Anticipated Date of Construction Start: May 1983

d) Anticipated Date of Construction Completion: Oct. 1983

12) a) Local Contribution/Source: $1,500,000/Appropriation

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $1,500,000

e) Other:

13) Total Estimated Grant Request: $1,500,000

14) Total Estimated Project Cost: $3,000,000

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

None

16) List any comprehensive planning document recommending this project.

"Water Plan/Study," City and Borough of Juneau, June 1982

17) Is this project necessary to complete an overall project for which earlier phases have already been constructed?

X Yes _____ No

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

Glacier Avenue water line. Provides main for transmission of water between hospital area and Juneau distribution main trunk.

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 Lonnie Anderson Telephone 785-3804 Date 9/1/82

2) Municipality Represented: City of Kake

3) Name of Project: Construction and installation of new water supply tank

4) Local priority of this project compared to other questionnaires submitted by the municipality # 3

5) Type of Project: Water XX 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):

The current water supply for the City of Kake is from a reservoir on Gunnuk Creek, which during many periods of the summer has a low water flowrate that does not always meet the City's needs Presently there is a 100,000 gallon storage tank, which does not adequately provide for the water needs of the community during these low-flow times. Funding was appropriated during the last legislative session to provide for increasing the water storage capacity, but even this $125,000 appropriation is not expected to satisfactorily meet the City's water supply needs during the low flow conditions. This need will become all the more critical as increased population and development occurs in the Kake area. An additional grant of $125,000 is requested, so that an adequately sized water supply storage tank can be designed and installed to meet the City of Kake's foreseeable water supply needs.

6) Describe Need for Project The present water storage tank is grossly undersized for providing water supply to meet the City of Kake's needs during period of low water flow in Gunnuk Creek. With sufficient funding now, a properly sized water storage tank can be designed to truly meet the City's water supply needs during most if not all water flow conditions in Gunnuk Creek.

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

More reliable water system, thereby providing water for sanitation and hygiene purposes during virtually all water flow conditions in the City of Kake's water source. The City's water needs would be more adequately met during nearly all weather and water source conditions, thereby providing for adeuate sanitation and hygiene conditions to occur throughout the year.

8) Existing population directly benefiting from this project:

555 persons

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: _____

d) Other: Greater reliability of City water supply source

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100% %

b) Industrial 100% %

c) Fire Protection 100% %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: April, 1983

c) Anticipated Date of Construction Start: June-July, 1983

d) Anticipated Date of Construction Completion: October, 1983

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

a) Local Contribution/Source: $125,000

b) Federal Grant: -

c) State Revenues: (List) -

d) ADEC Grant: $125,000

e) Other: _____

13) Total Estimated Grant Request: $125,000

14) Total Estimated Project Cost: $250,000

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

If funds are not available from ADEC, then the existing funds of $125,000 will be used to design as large a water storage tank as possible. However, this reduced water storage tank size is not expected to be adequate to meet the City of Kake water needs during period of low water flow in Gunnuk Creek

16) List any comprehensive planning document recommending this project.

COMMUNITY PRIORITIES - CITY OF KAKE, approved by the City Council, City of Kake, in January 1982

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

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

RANKED 9/15/82
EMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Keith Kornelis Telephone 283-7535 Date August 4, 1982

2) Municipality Represented: City of Kenai

3) Name of Project: Candlelight, Linwood, Aurora Water & Sewer Improvements

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):

Plans and Specifications on this project were mailed to ADEC on June 8, 1982.

Attachment A. Location Map

Attachment B. Grant Application mailed 6/8/82 and is attached

Attachment C. Letter of eligibility from ADEC dated July 2, 1982 is attached

6) Describe Need for Project See attached.

RECEIVED
AUG 18 1982
Department of
Environmental Conservation

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

See Attached.

Local wells have discoloration and bad tasting water.

Local septic tanks failing.

8) Existing population directly benefiting from this project:

31 families

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

a) Eliminate or Reduce Ground Water Contamination: yes, high water table

b) Improve Receiving Water Quality:

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 % of the Residential/Commercial

11) Project Schedule:

a) Date Design to be Initiated:

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: As soon as funded

d) Anticipated Date of Construction Completion: Fall 1983

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

a) Local Contribution/Source:

b) Federal Grant:

c) State Revenues: (List) State Legislative Funds

50 percent $ 535,000

this project.

d) ADEC Grant: 50 percent $ 535,000

e) Other: _____

13) Total Estimated Grant Request: $ 535,000

14) Total Estimated Project Cost: $1,070,000

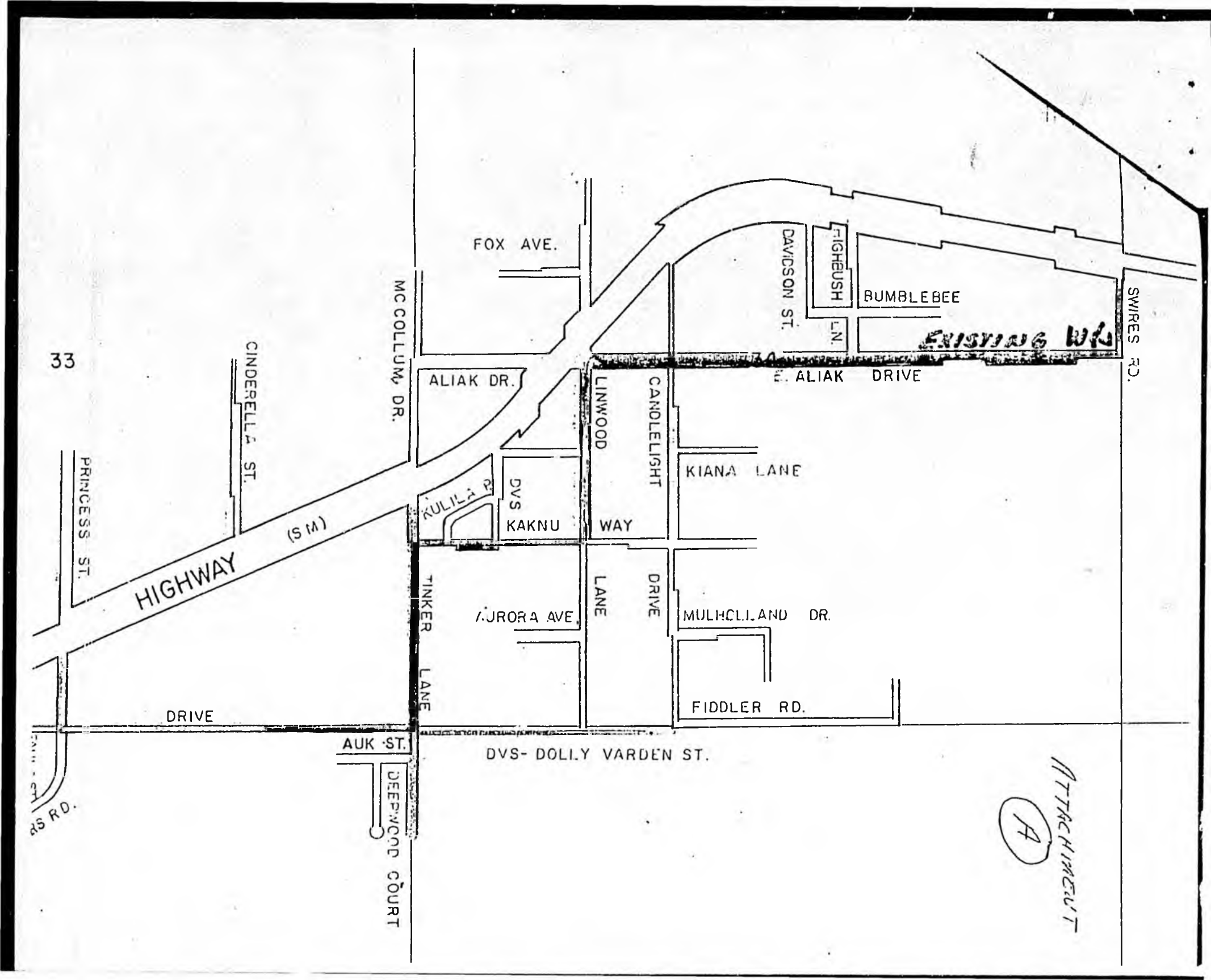
15) List other projects, such as paving or other utility relocations, and their scheduled construction that impact on the scheduling for this project.

Excavating, backfilling with sand and gravel, utility relocating, surface drainage, and landscaping to be done in conjunction with this water and sewer 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.


FOX AVE.
MC COLLUM DR.
ALIAK DR.
CINDERELLA ST.
PRINCESS ST.
HIGHWAY (SM)
33
DAVIDSON ST.
FIGHEUSH
LN.
BUMBLEBEE
SWIRES RD.
E. ALIAK DRIVE
LINNWOOD
CANDLELIGHT
KIANA LANE
DVS KAKNU
WAY
TINKER LANE
AURORA AVE
LANE
DRIVE
MULHOLLAND DR.
FIDDLER RD.
DRIVE
AUK ST.
DVS- DOLLY VARDEN ST.
DEERWOOD COURT
ATTACHMENT A

ATTACHMENT

FOR

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

A. Brief Project Narrative

This project is to provide water and sewer mains to Candlelight Drive and Linwood Lane which are two streets centrally located within the City of Kenai. The Candlelight waterline would be approximately 3,939 LF and extends from the Kenai Spur Highway to Fiddler Road and back to Lawton Drive. It would include approximately 4,321 LF of sewer main on Candlelight and Kaknu Way. It would also provide approximately 2,621 LF of water main on Linwood Lane from Kaknu Way to Lawton Extended. The sewer that would be provided by the project on Linwood Lane would be approximately 2,675 LF. There has been a large outcry for the need of this facility from the citizens in this area. There are 26 total lots on Candlelight Drive owned by a total of 22 different people. Linwood Lane has a total of 12 lots owned by 9 people. Approximately one half of the people on these streets signed a petition requesting improvements to their water and sewer system. Although the water in the individual wells has been tested and found to be sanitary, the occupants complained of discoloration and bad tasting water. Because of the high water table in the area, many of the septic tanks have to be rebuilt and maintained at a cost above normal. The City of Kenai has recently enlarged our wastewater treatment plant facilities that would enable us to handle approximately 1.3 million gallons per day. Normal flow from our present users happens to be approximately 500,000 gallons per day. Therefore, our existing plant is more than adequate to handle the additional facilities. This project is an existing need and has been labled as one of the top priorities for water and sewer within the City of Kenai.

B. Engineering Plans and Specifications

Coming under a separate cover is a set of engineering plans and specifications for two projects, one entitled, "Candlelight Drive Sewer and Water Improvements," and the other, "Linwood Lane Sewer and Water Improvements." The City of Kenai, utilizing its own funds, contracted with Wince, Corthell, Bryson, a consulting engineer to design this project. Wince, Corthell, Bryson has also designed gravel improvements for these two streets which essentially has been three separate projects. The $11,000 listed on the cost summary of this grant application is for the design firm to incorporate the three projects into one major project. When the three projects are combined, the City of Kenai would send a revised set of plans and specifications, but there

would be only minor changes made to the ones that we are presently submitting.

C. Other Grant Awards

The City of Kenai does not have any other grants on this project.

D. Force Account Basis

The City of Kenai does not plan to use any force account on this project.

E. Engineering Contract

Enclosed is a copy of the contract between the City of Kenai and the engineering firm, Wince, Corthell, Bryson, for the design of this project. The cost for this design work has been borne solely by the City of Kenai. Also enclosed is a copy of the form that the City of Kenai uses for project management coordination and engineering inspection services. This is the type of form that would be used should the City receive the funds for its construction. Since I am the author of this form, I would encourage any and all comments or critism concerning it.

F. Itemized Construction Cost Estimate

A rough estimate that was used in coming up with the cost summary was $56/per LF for the 3,939 LF on Candlelight water, $49/LF for the 4,321 LF of Candlelight sewer, $69/LF for 2,621 LF of Linwood water, and $55/LF for the 2,675 LF of Linwood sewer.

G. New Equipment

The City of Kenai is not requesting any new equipment.

H. Other Costs

The City of Kenai at this time does not foresee any other costs other than those listed on the attached cost summary.

Ranked 9/3/82
EVRH

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Keith Kornelis Telephone 283-7535 Date August 4, 1982

2) Municipality Represented: City of Kenai

3) Name of Project: Evergreen, Haller, McKinley, 3rd, & 4th Water & Sewer Improvements

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

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):

This project is to provide water and sewer mains for use by residents on Evergreen St., Haller St., McKinley St., and 4th Avenue. There are approximately 21,000 feet of water and sewer mains on this project. See enclosed location map. There is an existing 10" DIP water main and a 16" DIP sewer main that goes from Forest Drive through the project that was partially funded by ADEC last year. That past project was called N. Kenai Spur Water & Sewer Forest Drive to Redoubt and went through Section 36.

6) Describe Need for Project There have been many requests from the residents in this area. The water in this area has a very rusty color to it, probably high in iron and a very bad odor. Many residents in this area haul in their water especially for drinking.

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

Residents who presently haul in their water would be on the City services and not have that possible chance of drinking water contamination.

8) Existing population directly benefiting from this project:

Approximately 50 structures or 40 families

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: _____

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 % of Residential/Commercial

11) Project Schedule:

a) Date Design to be Initiated: October, 1982

b) Date Design to be Completed: February, 1983

c) Anticipated Date of Construction Start: May, 1983

d) Anticipated Date of Construction Completion: October, 1983

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

a) Local Contribution/Source: _____

b) Federal Grant: _____

c) State Revenues: (List) State Legislative Funds

50 percent $700,000

d) ADEC Grant: 50 percent $700,000

e) Other: _____

13) Total Estimated Grant Request: $700,000

14) Total Estimated Project Cost: $1,400,000

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

Excavating, backfilling, utility relocating, surface drainage, and landscaping are to be done in conjunction with this water and sewer 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.

H KENAI SPUR (3M)
36
FOREST DRIVE(S M)
WESTWOOD C.
CEDAR DR
OAK AVE.
FD
LD
PINE
HEMLOCK AVE.
ASH AVE.
FIFTH AVE.
FOURTH AVE.
COTTONWOOD C.
EVERGREEN ST.
HALLER STREET
MC KINLEY ST.
EXISTING
WF3
SPRUCE STREET
THIRD AVE.
BIRCH
ASPEN ST.
SECOND STREET
FIRST AVE.
T6N
T5N
R12W
R11W
TANAGA AVE.
SALMO C.
GILL ST.
DRIVE
FATHOM
STELLAR DR
TOYON WAY
STREET

Ranked 9/2/82. EMK

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Nowland D. Bambard, P.E. Telephone 262-4441 Date 8-27-82

2) Municipality Represented: Kenai Peninsula Borough

3) Name of Project: Ninilchik Landfill

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

5) Type of Project: Water - Sewage Solid Waste XXXX

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 har increased demand as a result of this project):

Developement of landfill to serve the residents of Ninilchik and surrounding areas.

6) Describe Need for Project Garbage presently hauled to either Soldotna Landfill or Homer Landfill. Growth in area sometimes causes garbage to accumalate faster than can be hauled away.

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

Reduction of radside litter from highway, vector contract, decrease in residence time at containers.

8) Existing population directly benefiting from this project:

500

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: Yes

d) Other: Reduce vectors/ odor control

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: January 1983

b) Date Design to be Completed: March 1983

c) Anticipated Date of Construction Start: July 1983

d) Anticipated Date of Construction Completion: September 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) _____

d) ADEC Grant: 50%

e) Other: _____

13) Total Estimated Grant Request: 75,000

14) Total Estimated Project Cost: 150,000

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

N/A

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. XXXX No.

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

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Jack Pearson Telephone 225-3111 Date 8/10/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Mental Health Facility Site Development Sewer & Water

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

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):

This project is located in the West end of Ketchikan. It consists of the extension of City street, water, and sewer systems in Fifth Avenue to the new Mental Health Facility site.

6) Describe Need for Project The existing Mental Health Facility is extremely outdated and over crowded. This project will extend City services to the new building site.

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

The ground water will not be contaminated because the sewage will be collected and conveyed to the City's wastewater treatment facility.

8) Existing population directly benefiting from this project:

8400

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: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: October 1982

c) Anticipated Date of Construction Start: November 1982

d) Anticipated Date of Construction Completion: April 1983

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

a) Local Contribution/Source: Sales Tax

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 50% of sewer/water related costs

e) Other: _____

13) Total Estimated Grant Request: $34,600

14) Total Estimated Project Cost: $186,800

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

None

16) List any comprehensive planning document recommending this project.

None

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

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

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Jack Pearson Telephone 225-3111 Date 7/29/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Hawkins-Carlanna Streets

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

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):

This project consists of constructing a sanitary sewer system and water distribution system in an existing gravel street. Both sewer and water system with tie into existing systems. This project is located in the Carlanna district, on the west end of Ketchikan.

6) Describe Need for Project The housing shortage in Ketchikan is unusually high, and this project will provide 11 buildable residential lots.

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

The project will prevent contamination of the ground water by sewage

8) Existing population directly benefiting from this project:

8400

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: _____

d) Other: Will prevent contamination of ground water

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: _____

b) Date Design to be Completed: Complete

c) Anticipated Date of Construction Start: October 1, 1982

d) Anticipated Date of Construction Completion: April 1, 1983

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

a) Local Contribution/Source: Cost of project assessed against benefited lots

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: 50% water/sewer related costs

e) Other: _____

13) Total Estimated Grant Request: $90,717

14) Total Estimated Project Cost: $306,644

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

None

16) List any comprehensive planning document recommending this project.

None

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.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Jack Pearson Telephone 225-3111 Date 7/29/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Heath Addition

4) Local priority of this project compared to other questionnaires submitted by the municipality # * 5

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):

This project is located in the Heath Subdivision on the west end of Ketchikan. It consists of the extension of City streets, water, and sewer systems into Jefferson, Sixth Avenue, and Adams Street

6) Describe Need for Project The housing shortage is unusually high, and this will provide 24 buildable residential lots

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

The ground water will not be contaminated because the sewage will be collected and conveyed to the City's Wastewater Treatment facility

8) Existing population directly benefiting from this project:

8400 no avg

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: _____

d) Other: Will prevent contamination of ground water

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: _____

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: November 1982

d) Anticipated Date of Construction Completion: April 1983

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

a) Local Contribution/Source: Cost of project assessed against benefited lots

b) Federal Grant: _____

c) State Revenues: (List) _____

project.
e will

d) ADEC Grant: 50% of water/sewer related costs

e) Other: _____

13) Total Estimated Grant Request: $196,723

14) Total Estimated Project Cost: $670,254

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

None

16) List any comprehensive planning document recommending this project.

None

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.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Jack Pearson Telephone 225-3111 Date 8/10/82

2) Municipality Represented: City of Ketchikan

3) Name of Project: Washington Park Addition

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

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):

This project consists of the extension of City streets, water, and sewer systems from Schoenbar Avenue to the proposed Washington Park Addition development. This project is located in the Bear Valley area of the City of Ketchikan.

6) Describe Need for Project The housing shortage is unusually high, and this will provide water, sewer, and access to the proposed condominiums

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

The groundwater will not be contaminated because the sewage will be collected and conveyed to the City's wastewater treatment facility

8) Existing population directly benefiting from this project:

8400

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: _____

d) Other: Will prevent contamination of ground water

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: Completed

c) Anticipated Date of Construction Start: December 1982

d) Anticipated Date of Construction Completion: December 1983

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

a) Local Contribution/Source: Cost of project assessed against benefited property

b) Federal Grant: _____

c) State Revenues: (List) _____

is project.

d) ADEC Grant: 50% of water/sewer related cost

e) Other: _____

13) Total Estimated Grant Request: $303,498.00

14) Total Estimated Project Cost: $1,200,000

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

None

16) List any comprehensive planning document recommending this project.

None

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
9/5/82 EMW

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 Ronald E. Guest P.E. Telephone 206-623-6000 Date 8-31-82

2) Municipality Represented: Ketchikan Public Utilities

3) Name of Project: Fairview Avenue - Jackson Street Water Transmission Line

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

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):

Refer to previously submitted grant application

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SEP 1982
Department of Environmental Conservation

6) Describe Need for Project Refer to previously submitted grant application

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

none

8) Existing population directly benefiting from this project:

4,250

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: —

d) Other: —

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 80 %

b) Industrial 0 %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: Oct. 1982

b) Date Design to be Completed: Feb. 1983

c) Anticipated Date of Construction Start: April 1983

d) Anticipated Date of Construction Completion: July 1983

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

a) Local Contribution/Source: $193.375

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $161,575

e) Other:

13) Total Estimated Grant Request: $161,575

14) Total Estimated Project Cost: $354,950

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

Gravina Heights Pump Station, Storage Tank, and 10" Transmission Line

16) List any comprehensive planning document recommending this project.

City of Ketchikan Alaska Comprehensive Water 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.

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Name of Applicant: Ketchikan Public Utilities

Applicant Mailing Address: 334 Front Sreet, Ketchikan, AK 99901

Application Prepared by: Ronald E. Guest, P.E.

Title: Project Engineer

Type of Application: X Initial _____ Revised

Type of Project X Water _____ Sewerage _____ Both

Project Descriptive Title: Transmission line from Fairview to Jackson St. on the 502 foot pressure system

Estimated Project Period: June 15, 1982 Start ' July 1983 Finish

Amount of State Grant Funds Requested from ADEC: $161,575.00

Source of Applicants Funding for Project: General Revenue

The applicant certifies that to the best of his/her knowledge and belief that the data contained in this application are 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 grant award or withdraw a grant offer that may have been extended.

Robert E. Arnold	Utilities Manager	5-12-82
Typed Name	Title	Date

by Patrick D'Amaloney, P.E.

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

ESTIMATED COST SUMMARY

COST CLASSIFICATION	ESTIMATED COST
ELIGIBLE PROJECT COSTS	
1. Administrative Expenses*	$ 2,400
2. Legal Expenses*	2,400
3. Engineering Design Fees	15,500
4. Project Inspection and Surveying	28,600
5. Construction (Attachment F Required)	238,450
6. Equipment (Itemize in Attachment G)	Ø
7. Other costs (Itemize in Attachment H)	Ø
8. Project Contingencies 10%	33,800
9. Subtotal Lines 1-8	$323,150
10. Amount of Line 9 provided by Federal Grants	Ø
11. Amount of Line 9 provided by Applicant	161,575
12. Amount of Line 9 provided by Other State Agencies	Ø
13. Amount of Line 9 Requested from ADEC	$161,575
INELIGIBLE PROJECT COSTS	
14. Land and Easement Acquisition Costs	6,700
15. Purchase of Private Utilities	Ø
16. Finance Charges	25,100
17. Comprehensive Plans and Feasibility Studies	Ø
18. Grant Preparation Costs	Ø
19. Subtotal Lines 14-18	31,800
20. Total Project Costs - Add Lines 9 & 19	$354,950

* 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 schedul hours are not grant eligible.

Fairview - Jackson Street

Transmission Line

ATTACHMENT A

At the northern end of Jackson Street is a 0.2 mg reservoir with ground and overflow elevations of 400 and 425 feet respectively. This reservoir, originally installed when the old crib dam failed, served the City as a storage facility. Since construction of the new dam, this reservoir has been used as a regulator on the 425 foot pressure system from the Carlanna source.

Seven pressure zones exist within this area (Gravina Heights subdivision). In the lowest pressure zone, which is part of the 425 foot pressure system, ten lots are proposed and could be served by the existing Jackson Street line. The second zone however is within the 502 foot pressure system and in order to serve these lots it is necessary to install this proposed line extending from Fairview Avenue to Jackson Street. This line would also serve the area adjacent to this proposed line. The other zones cannot be served by gravity flow and therefore would necessitate the construction of a pump station in the future in the vicinity of the 0.2 mg tank.

A computer analysis was performed as part of the recent comprehensive water plan prepared by URS for the Ketchikan Public Utilities. Based on that analysis, it was determined that a 660,000 gallon reservoir would ultimately need to be constructed with an overflow elevation of 950 feet. This tank would maintain a static pressure of 40 psi and would provide approximately 430,000 gallons for standby, 110,000 gallons for equalizing and 120,000 gallons for fire flow. In addition, the analysis called for the proposed Fairview - Jackson transmission line to be a 12" line which would provide service as mentioned above as well as be compatible with the comprehensive plan which requires this line to feed the 660,000 gallon tank.

The area which will benefit from the facilities proposed under this grant is completely sewered at this time. Adjacent to the proposed line, any development that may occur would, by ordinance, be required to be sewered. The sewer facilities and the future wastewater treatment facility are capable of handling the additional quantity of wastewater resulting from the facilities proposed herein.

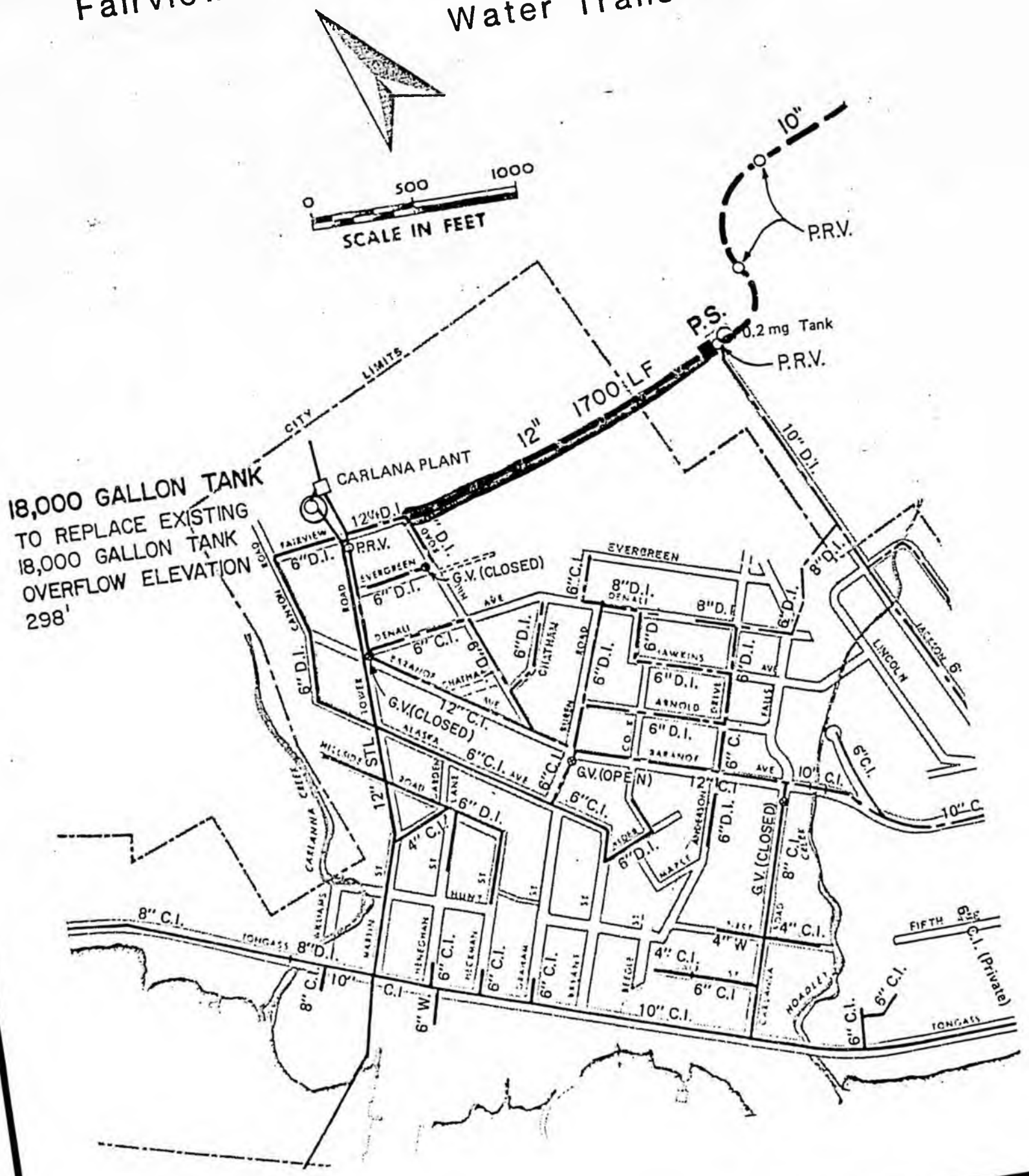
Water to the proposed line would be supplied from the Carlanna Plant. This source is capable of handling the demand which would be placed upon it. It is difficult at this time to predict the effect of the proposed line on development in the surrounding areas.

The area which will benefit from the proposed facilities includes a residential area in the Gravina Heights area. The approximate residential acreage noting immediate and direct benefit is approximately 25 acres or an equivalent residential population of 300 people.

However, the system comprised of the Fairview - Jackson Line, Pump Station, and 660,000 gallon tank could ultimately benefit nearly half of the Ketchikan population.

Attachment P

Fairview Avenue--Jackson Street Water Transmission Line



ATTACHMENT F

Cost Estimate for the Construction of

Fairview - Jackson Street

Water Transmission Line

1700 L.F. 12" D.I. @ $90	$153,000
Appurtenances @ 25%	38,300
Rock Excavation	47,200
1700 L.F. x $\frac{3 \text{ ft} \times 5 \text{ ft}}{27 \text{ ft}^3/\text{CY}}$ x $50/CY	
Total Construction Costs	$238,450
Eligible Allied Costs @ 20.3%	48,900
Contingency @ 15%	35,800
TOTAL ELIGIBLE COSTS	$323,150
Ineligible Allied Costs @ 13.3%	31,800
TOTAL PROJECT COSTS	$354,950

WATER AND SEWER

MASTER PLAN UPDATE

PREPARED FOR:

CITY OF NOME, ALASKA AND THE
NOME JOINT UTILITY BOARD

PREPARED BY:

QUADRA ENGINEERING, INC.
ANCHORAGE, ALASKA

REVISED TO FINAL
NOVEMBER 1982

added operation and maintenance costs incurred by the City, in addition to the questions on reliability of this source over a wide range of conditions, the use of the Snake River as an alternate water supply is not recommended.

We have investigated several U.S.G.S. and other reports on water supplies in Nome. Several aquifers located in the Nome area provide a good supply of water when wells are placed within the aquifer. The best producer by far is the present supply at Moonlight Springs. The Pioneer Water Co. and the Bronson Water Co. have operated wells with 300 and 200 gpm yield respectively. Both companies used filters and softeners on the water they produced. The Pioneer well is located near the FAA housing facility and the Bronson well is located off Bering Street near the Municipal Airport. While further detailed investigations are required, it is recommended that a well site near the new reservoir be selected that could deliver at least 300 gpm. This would not only provide added protection to the City water supply, but would also permit the repair of the existing reservoir as discussed in Section D. There is also a potential for supplying water to Icy View with wells rather than pumping from town, as addressed in Section F.

Investigations on alternate supply sources should be initiated as soon as funds are available.

D. Transmission and Storage

The condition of the transmission line from Moonlight Springs was not obvious and it is at least questionable at this point in its service life. While alteration to this line is not recommended, service and investigations of the vents along the line are required. These appear to have been neglected in the past.

Nome-
Water
Reservoir

The description of the existing reservoir and recommendations contained in the Master Plan are still valid. Once the new reservoir is installed, the existing reservoir should be repaired. This would be accomplished by pressure grouting the cracks or other acceptable means to ensure that leaks will no longer be a problem.

Two possible sites for the new reservoir were investigated. One was located at the existing site and one was in town. A new reservoir cannot be located at the existing site because the required 2,000 gpm fire flow cannot be delivered to town through the existing 10 inch main due to pressure loss. All design criteria are met by the in-town reservoir site, there are

suitable soils at the proposed location and, from this site, the proposed system will be capable of functioning over all ranges of expected flows, including 2,000 gpm fire demands. The installation of 1,000,000 reservoir in town with pumps to deliver flow to the system is therefore recommended. The reservoir should be above ground and will require a boiler for heat addition to prevent freezing. The reservoir will be primarily used at times of peak flow or during periods of fire demand. While it can be refilled in the appropriate amount of time by the existing supply system, an alternate water supply to the reservoir either from Moonlight Springs or a new well supply is recommended. Further investigations will be required to determine the source of this alternate supply.

E. Other Components

The present piping system at the existing water reservoir has been altered many times over the years. An extensive effort is required to prepare as-built drawings of this piping so that existing drawings and schematics can be updated to reflect the actual condition. Several items of equipment should be repaired or replaced. These include pressure and temperature measurement devices, Bristol flow meter, and other water measurement devices. QUADRA Engineering, Inc. is currently performing this task and final recommendations will be made after this work is complete. After the as-builting process, we will tag and number existing valves for a more complete understanding of operation and maintenance of this facility.

F. Proposed Water System Improvements

Water system improvements will be provided by phased construction. Some of the improvements recommended in the Master Plan have already been completed, as discussed earlier. Phased construction is recommended as follows:

PHASE I (Constructed 1982)

1. W. E Street from W. 1st Ave. to W. 4th Ave.
   - 4 inch water, 1087 feet.

2. W. 4th Ave. from W. E Street to W. D Street
   - 4 inch water, 370 feet.

3. W. 2nd Ave. from W. E Street to W. D Street
   - 4 inch water, 370 feet.

4. W. 1st Ave. from W. E Street to W. D Street
   - 4 inch water, 593 feet.

Blocking 2 @ $200.00 each	= $ 400.00
Miscellaneous	= $ 2,000.00
Total cost Phase IB - water	= $ 225,600.00
Total cost Phase IA & Phase IB - water	= $2,872,890.00

PHASE II

Direct buried, insulated and heat traced water pipe.

4 inch diameter 950 feet @ $130.00 per foot	= $ 123,500.00
6 inch diameter 2050 feet @ $140.00 per foot	= $ 287,000.00
8 inch diameter 7260 feet @ $168.00 per foot	= $1,219,680.00
Hydrants 18 @ $17,000.00 each	= $ 306,000.00
Blocking 7 @ $500.00 each	= $ 3,500.00
Valves 6 - 8 inch @ $3,600.00 each	= $ 21,600.00
3 - 6 inch @ $3,100.00 each	= $ 9,300.00
New Reservoir	= $1,000,000.00
Total cost Phase II - water	= $2,970,580.00

PHASE III

Service to Airport:

6 inch diameter 2000 feet @ $101.00 per foot	= $ 202,000.00
3 inch diameter 2000 feet @ $91.00 per foot	= $ 182,000.00
Hydrant 1 @ $17,000.00	= $ 17,000.00
Valves 2 @ $3,090.00 each	= $ 6,200.00

117 gpm @ 31 feet TDH
1750 rpm 3 hp motor
Duplex Flygt Pumping Station
- 4 inch force main, 1475 feet

*15. Campbell Way from Front Street to E. 3rd Ave.
- 8 inch sewer, 395 feet.

*16. Carstens Way from Front Street to E. 3rd Ave.
- 8 inch sewer, 300 feet.

17. E. K Street from Front Street to E. 3rd Ave.
- 8 inch sewer, 360 feet.

*18. Polaris Alley between W. 1st Ave. and W. 2nd Ave. from Bering Street to W. C. Street
- 8 inch sewer, 298 feet.

*19. Tobuck Alley between 4th and 5th off W. C Street

Tobuck Alley between 4th and 5th - Division to E. C Street

2nd Street to Division - Division between 2nd and 3rd
- 8 inch sewer, 1115 feet.

* Streets added to Phase IA

PHASE IB

Belmont Point

None
Belmont Pt
Sewer

There are three alternatives for sewage collection and disposal at Belmont Point. Life cycle costs were obtained using the procedure outlined at the airport above. They are as follows:

1. Piped back to City system.

Gravity lines would serve the area to a package lift station and flow will be pumped to W. E Street via the airport force main.

800- feet - 8 inch sewer @ $134.00 per foot	= $	107,300.00
*600 feet - 4 inch force main @ $111.00 per foot	= $	66,700.00
3 manholes @ $9,060.00 each	= $	27,200.00
Package Lift Station including operation and		

maintenance costs	= $ 269,000.00
Total estimated cost	= $ 470,200.00

*If airport alternate 2 were selected, an additional 1600 feet of 4 inch force main will be required.

Cost = $177,900.00

2. Package Treatment Plant with discharge to Snake River.

850 feet - 8 inch sewer @ $134.00 per foot	= $ 114,000.00
3 manholes @ $9,060.00 each	= $ 27,200.00
Package Plant including operation and maintenance costs	= $2,116,700.00
Total estimated cost	= $2,257,900.00

3. Localized treatment with soil absorption drain field located in possible thaw area near Snake River.

850 feet - 8 inch sewer @ $134.00 per foot	= $ 114,000.00
3 manholes @ $9,060.00 each	= $ 27,200.00
Soil Absorption System including operation and maintenance costs	= $2,757,100.00
Total estimated cost	= $2,898,300.00

We recommended Alternative 1 for the Belmont Point improvements and it is planned for construction in 1983.

PHASE II

1. E. 6th Ave. from Reservoir to E. N Street - 8 inch sewer, 3250 feet.

2. E. I Street from E. 6th Ave. to E. 5th Ave. - 8 inch sewer, 350 feet.

3. E. 5th Ave. from Steadman to E. G Street - 8 inch sewer, 1310 feet.

PHASE IA

Direct buried, insulated, and heat traced water piping.

8 inch diameter		
4329 feet @ $159.00 per foot	= $	648,000.00
6 inch diameter		
6340 feet @ $125.00 per foot	= $	792,500.00
4 inch diameter		
5480 feet @ $120.00 per foot	= $	657,600.00
Valves		
8 inch		
14 @ $3,226.00 each	= $	45,200.00
6 inch		
10 @ $2,756.00 each	= $	27,560.00
4 inch		
5 @ $2,246.00 each	= $	11,230.00
Thrust blocks		
28 @ $400.00 each	= $	11,200.00
Fire hydrants		
28 @ $15,000.00 each	= $	420,000.00
Circulation pumps	= $	34,000.00
Total estimated cost		
Phase IA - water		$2,647,290.00

PHASE IB

Service to Belmont Point:

None

Belmont Pt. Water

6 inch diameter		
1500 feet @ $122.00 per foot	= $	183,000.00
Hydrant		
2 @ $17,000.00 each	= $	34,000.00
Valves		
2 @ $3,090.00 each	= $	6,200.00

Blocking 2 @ $200.00 each	= $ 400.00
Miscellaneous	= $ 2,000.00
Total cost Phase IB - water	= $ 225,600.00
Total cost Phase IA & Phase IB - water	= $2,872,890.00

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Direct buried, insulated and heat traced water pipe.

4 inch diameter 950 feet @ $130.00 per foot	= $ 123,500.00
6 inch diameter 2050 feet @ $140.00 per foot	= $ 287,000.00
8 inch diameter 7260 feet @ $168.00 per foot	= $1,219,680.00
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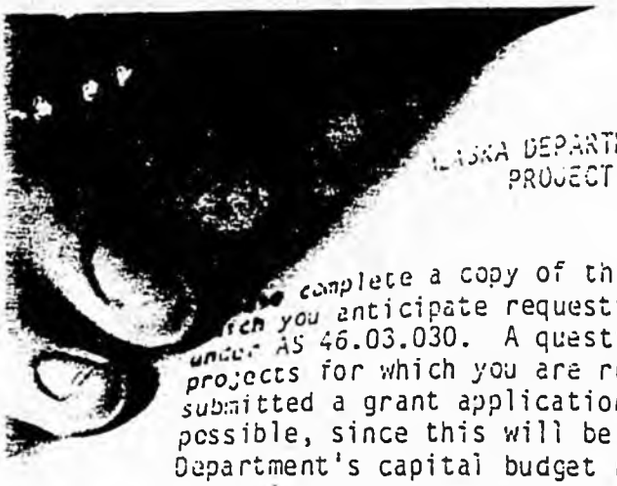
New Reservoir	= $1,000,000.00
Total cost Phase II - water	= $2,970,580.00

PHASE III

Service to Airport:

6 inch diameter 2000 feet @ $101.00 per foot	= $ 202,000.00
3 inch diameter 2000 feet @ $91.00 per foot	= $ 182,000.00
Hydrant 1 @ $17,000.00	= $ 17,000.00
Valves 2 @ $3,090.00 each	= $ 6,200.00



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 C. Fischer Telephone 488-2281 Date August 9, 1982

2) Municipality Represented: City of North Pole

3) Name of Project: North Pole City Water Treatment Plant

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

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):

See Grant Application Attachments A thru F

6) Describe Need for Project See Grant Application Attachment "A"

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Environmental Conservation

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

This area is typically underlain with shallow goundwater in alluvial sands and gravels subject to groundwater pollution from septic tank systems. The water treatment plant will make treated water available to residents and eliminate the use of groundwater from on-site wells as a potable water supply.

8) Existing population directly benefiting from this project:

980 people(most recent census figures)within City plus an undetermine number or residents outside City using the facilities with the City.

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

a) Eliminate or Reduce Ground Water Contamination: Yes-See 7 Above

b) Improve Receiving Water Quality: No

c) Reduce Wind Blown Litter: No

d) Other: N/A

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: October 1982

b) Date Design to be Completed: April 1983

c) Anticipated Date of Construction Start: June 1983

d) Anticipated Date of Construction Completion: October 1983

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

a) Local Contribution/Source: See Grant Application Attachment "C"

b) Federal Grant: None

c) State Revenues: (List) See Grant Application Attachment "C"

Attachment "C"

...equest: $780,150

...ed Project Cost: $2,927,100

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

N/A

16) List any comprehensive planning document recommending this project.

None

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.

N/A

ATTACHMENT "A"

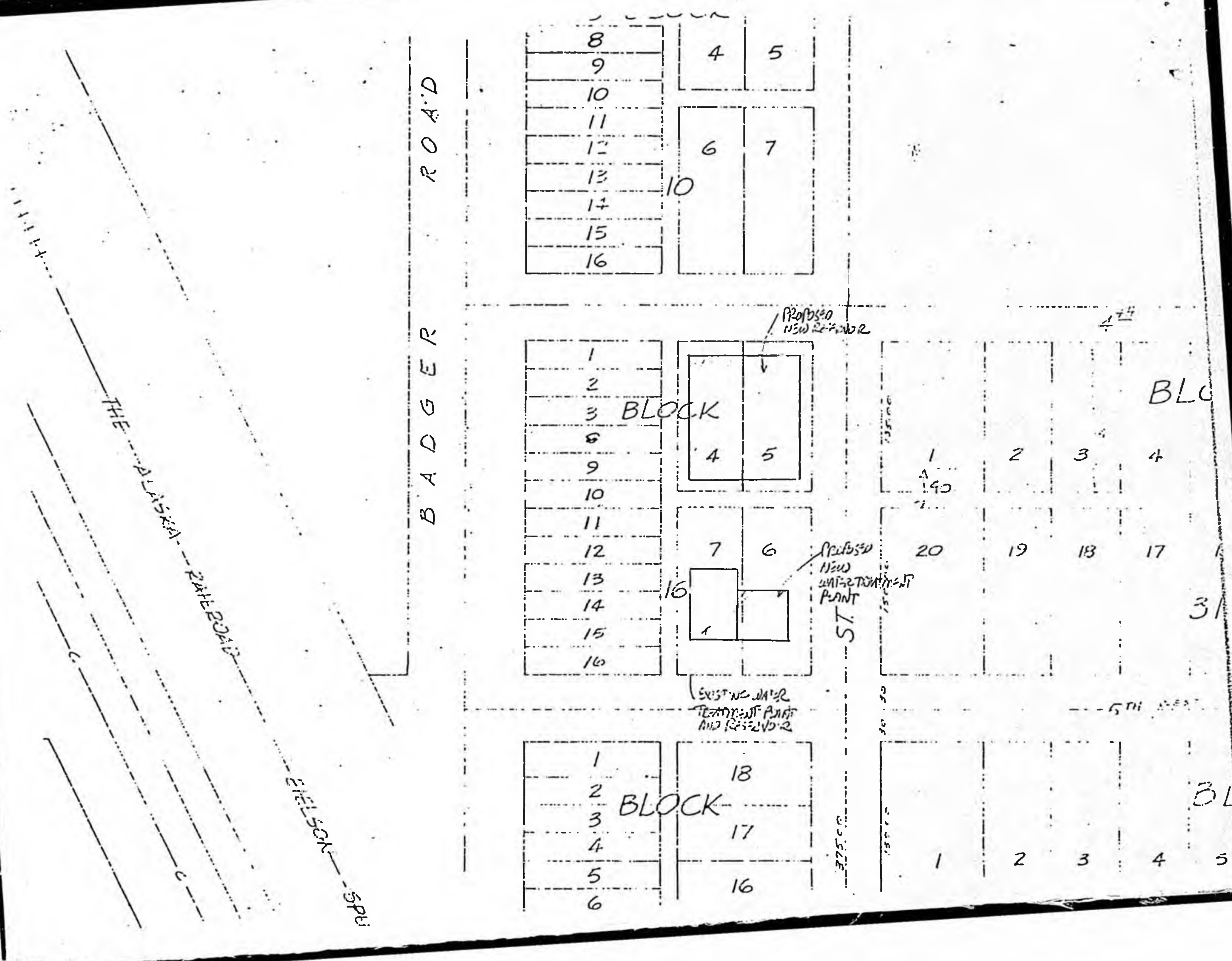
The water treatment facility presently serving the City of North Pole consists of a manganese greensand pressure filtration system fed by either of two existing wells. Filtered water is stored in a 150,000 gallon reservoir, which supplies the City's water distribution system, providing domestic water and fire fighting water upon demand. The system's highest flows occur in summer with daily demands of 75,000 gallons per day. At present there are 121 connections to the distribution system, which include single metered connections for a laundromat, mobile home trailer court, and several apartment house/condominium structures.

The existing filtration plant consists of a single mangenese greensand filter used for iron and manganese removal. During the summer months the water demand frequently exceeds the capability of the filter to produce sufficient water to maintain a full storage reservoir. The City's present distribution system will soon be expanded by the addition of approximately seven miles of 12 inch water transmission main designed to encircle the City and ultimately provide fire protection and water supply for developing areas. The City's present program of providing water supply services to more areas of the City will in turn create a greater demand on the existing water treatment plant.

The City is proposing to replace its existing pressure filtration plant with a new filtration plant with multiple filters sized to handle present and future water demands. Preliminary plans call for the construction of a facility large enough to house a treatment plant sized to handle the 40 year demand. Treatment plant capacity to be installed under this project would handle the 20 year projected demand with space provided to install additional treatment capacity in the future.

A new 1 million gallon reservoir will also be constructed to augment the capacity of the existing 150,000 gallon reservoir. The new reservoir would provide sufficient storage for fire protection, backwash water for the filtration plant, and contingency storage in the event of an interruption of the water supply or treatment.

The project is to be located on the City's existing property and on adjacent property pending aquistion of the property by the City as shown on the attached map.



BADGER ROAD
BLOCK 10
BLOCK 16
BLOCK
PROPOSED NEW RESERVOIR
PROPOSED NEW WATER TREATMENT PLANT
EXISTING WATER TREATMENT PLANT AND RESERVOIR
ST
4TH
5TH
THE ALASKA RAILROAD
EIELSON SPU

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 Richard Underkofler Telephone 772 4511 Date 8/10/1982

2) Municipality Represented: City of Petersburg

3) Name of Project: Water Storage Facilities

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

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):

Petersburg has insufficient water storage capacity. We currently have only 750,000 gallons of distribution system storage, yet our peak demand for water approaches 2.5 million gallons per day. At a minimum, the addition of one million gallons of distribution system storage is needed to provide for fire protection, to equalize daily peaks in demand, and to provide a two-day emergency reserve.

6) Describe Need for Project See above. A preliminary engineering report has been submitted with this questionnaire.

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

Better water quality as a result of a more "steady-state" operation allowing stabilization of the clarifier and filter processes at the water treatment plant. Greater system pressure stabilization and reserve potable water in the event that feeder lines or mains rupture during winter conditions.

8) Existing population directly benefiting from this project:

3001

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

a) Eliminate or Reduce Ground Water Contamination: No

b) Improve Receiving Water Quality: Yes

c) Reduce Wind Blown Litter: No

d) Other: Less filter backwash will be required -- less discharge from plant

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 33 %

b) Industrial 33 %

c) Fire Protection 33 %

11) Project Schedule:

a) Date Design to be Initiated: 9/82

b) Date Design to be Completed: 12/82

c) Anticipated Date of Construction Start: 7/83

d) Anticipated Date of Construction Completion: 11/83

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

a) Local Contribution/Source: $ 294,000 Capital

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $ 294,000

e) Other: _____

13) Total Estimated Grant Request: $ 294,000

14) Total Estimated Project Cost: $ 588,000

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

No conflicting schedules

16) List any comprehensive planning document recommending this project.

Engineering Report has been submitted with this Questionnaire.

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.

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 Poin is presently under construction; the proposed water and sewe 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+ residents.

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.

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 [illegible] Telephone 422-3001 Date 7-7-82

2) Municipality Represented: City of Scammon Bay

3) Name of Project: Water and Sewer

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

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):

To connect all houses that are without water and sewer.

There are 15 houses that are without services.

6) Describe Need for Project The water and sewer are very much needed in these houses. For health purposes at present these houses are using chemical and are getting sick all over the places.

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

The health of individual would be more protected if the water and sewer is connected.

8) Existing population directly benefiting from this project:

250 + People

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:

d) Other: reduce health problems.

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection -0- %

11) Project Schedule:

a) Date Design to be Initiated: January 1988

b) Date Design to be Completed: March 1988

c) Anticipated Date of Construction Start: June 1988

d) Anticipated Date of Construction Completion: September 1988

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

a) Local Contribution/Source: Labor 10,000.00

b) Federal Grant: 12,00.00

c) State Revenues: (List) 300,000.00

d) ADEC Grant: -0-

e) Other: -0-

13) Total Estimated Grant Request: _____

14) Total Estimated Project Cost: _____

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

See 11 a.

16) List any comprehensive planning document recommending this project.

P[illegible].

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

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

The rest of the residence are presently connected with water and sewer and the rest of the residence could be connected easily.

Ranked 9/5/82 SMK

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 Darryl Schaefermeyer Telephone 224-3331 Date 8/20/82

2) Municipality Represented: City of Seward

3) Name of Project: Terminal Addition Resubdivision

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

5) Type of Project: Water XX Sewage XX 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):

This project will provide water and sewer service to the Terminal Addition Resubdivision in Seward, Alaska. The improvements consit of 12,345 Linear feet of 8-inch ductile iron sewer pipe, 16,930 linear feet of 8, 10, 12, and 16-inch ductile iron water line and a 500,000 gallon water reservoir. The improvements will serve apporximately 250 single and multi-family units when the Terminal Addition Resubdivision is fully developed. In addition, the water improvemets will complete necessary portions of Seward's water system that will benefit the entire community.

6) Describe Need for Project Projects is critically needed to provide much needed residential housing space for Seward.

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

Provide water and sewer service to a moderately large residential subdivision.

8) Existing population directly benefiting from this project:

New subdivision. At full development and estimated 875 people.

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

a) Eliminate or Reduce Ground Water Contamination: XXXX

b) Improve Receiving Water Quality:

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: Already initiated

b) Date Design to be Completed: Spring 1983

c) Anticipated Date of Construction Start: Spring 1983

d) Anticipated Date of Construction Completion: September 1983

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

a) Local Contribution/Source: General Fund of GO Bonds $1,562,657

b) Federal Grant:

c) State Revenues: (List:)

d) ADEC Grant: $1,562,657

e) Other:

13) Total Estimated Grant Request: $1,562,657

14) Total Estimated Project Cost: $3,125,314

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.

1975 Comprehensive Water Plan, prepared by Arctic Environmental Engineers for the City of Seward

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.

In 1977-78 the City of Seward completed Phase I as outlined in the report listed in 16 above. The project described herein whould complete portions of Phase II, specifically the additional water storage.

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 Fermin Gutierrez Telephone 747-3294 Date 7/8/82

2) Municipality Represented: City & Borough of Sitka

3) Name of Project: Sitka Solid Waste Disposal System

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

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

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):

Construction of a solid waste incinerator with energy recovery, installing leachate control in existing landfill, developing new landfill area and restoring existing landfill for multiple use. The project will replace an existing sanitary landfill operation that has reached capacity and is causing leachate pollution problems to a creek passing through a residential area.

6) Describe Need for Project The existing landfill operation has reached its practical capacity with no satisfactory alternative location. Lack of cover material and heavy rainfall make sanitary landfill difficult at best.

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

Reduction of leachate pollution to Turnaround Creek and ground water in the vicinity of the landfill.

8) Existing population directly benefiting from this project:

8,000

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

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: Yes. Turnaround Creek & Sitka Sound

c) Reduce Wind Blown Litter: Yes

d) Other: sewage sludge disposal

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection -0- %

11) Project Schedule:

a) Date Design to be Initiated: ongoing

b) Date Design to be Completed: 12/82

c) Anticipated Date of Construction Start: 10/82 incinerator

d) Anticipated Date of Construction Completion: 1984

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

a) Local Contribution/Source: $2,282,150/General Fund - Revenue Bonds

b) Federal Grant: $751,000 EPA for co-disposal of sludge

c) State Revenues: (List)

d) ADEC Grant: $721,850 existing grant plus $641,000

e) Other: expected increase in grant request

13) Total Estimated Grant Request: $1,362,850

14) Total Estimated Project Cost: $4,396,000

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

Completion of the sewage treatment plant in summer of 1984. Landfill is currently at practical capacity. Incinerator installation and leachate control system required as soon as possible to reduce pressure on landfill site.

16) List any comprehensive planning document recommending this project.

Evaluation and preliminary design of a solid waste incineration facility by EMPS-Sverdrup.

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.

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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 Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Redoubt Avenue Improvements

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

The project will include installation of additional water and sewer in conjunction with Redoubt Avenue Improvements. Sewer improvements consist of 2325 linear feet of 8" asbestos cement sewer line with associated manholes, clean-outs, services and one lift station. Water improvements consist of 1306 linear feet of 10" ductile iron water line with associated hydrants, valves and services. The project is located within the Redoubt Avenue right-of-way in the City of Soldotna. This project will serve property adjacent to the right-of-way as well as allowing for future extension to the west. The existing water and sewer systems are adequate to accommodate the additional demand.

6) Describe Need for Project This project will provide service to properties adjacent to Redoubt Avenue not presently served as well as providing for extension to the west end of Redoubt.

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

This project will provide a reliable potable water system and community sewer system to areas presently having only individual wells and septic systems.

8) Existing population directly benefiting from this project:
Based on current population and land utilization factors, it is estimated that up to 150 people would be directly utilizing the facilities.

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

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 90 %

b) Industrial — %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated:

b) Date Design to be Completed: 01/01/83

c) Anticipated Date of Construction Start: 05/83

d) Anticipated Date of Construction Completion: 09/84

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

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $187,562

d) ADEC Grant: $187,562

e) Other: _____

13) Total Estimated Grant Request: $375,125 (Utility)

14) Total Estimated Project Cost: $375,125 (Utility)

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

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Redoubt Avenue.

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development 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.

Ranked 9/2/82 GMK

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 Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Water Storage Reservoir & Transmission Main

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

This project is located within the City of Soldotna and will include the construction of a 1,000,000 gallon water storage reservoir along with a 12" transmission main to connect to the existing water system. The reservoir will increase the reliability of the existing system as well as providing additional capacity for future expansion.

6) Describe Need for Project This project was identified in a water system master plan to increase the capacity of the existing water system, to increase system reliability and to increase fire flow.

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

(See Above)

8) Existing population directly benefiting from this project:

2,445

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: —

d) Other: —

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial — %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: —

b) Date Design to be Completed: Complete

c) Anticipated Date of Construction Start: 05/01/83

d) Anticipated Date of Construction Completion: 10/30/83

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

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $750,000

d) ADEC Grant: $750,000

e) Other: —

13) Total Estimated Grant Request: $1,500,000

14) Total Estimated Project Cost: $1,500,000

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

N/A

16) List any comprehensive planning document recommending this project.

City of Soldotna Water System Master 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.

Ranked 9/2/82
SMK

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 Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Wilson Lane Improvements

4) Local priority of this project compared to other questionnaires submitted by the municipality # three (3)

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):

The project will include installation of additional water and sewer facilities in conjunction with Wilson Lane Street Improvements. Utility improvements consist of additional sewer and water services and hydrants to serve adjoining properties. The overall existing water and sewer system is adequate to accommodate the additional demand.

6) Describe Need for Project This project will provide service to properties adjacent to Wilson Lane not presently served.

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

This project will provide access to reliable potable water and community sewer system in addition to improving fire protection capability.

8) Existing population directly benefiting from this project:

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

a) Eliminate or Reduce Ground Water Contamination: Yes

b) Improve Receiving Water Quality: —

c) Reduce Wind Blown Litter: —

d) Other: —

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial ____ %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 01/01/83

b) Date Design to be Completed: 04/30/83

c) Anticipated Date of Construction Start: 07/01/83

d) Anticipated Date of Construction Completion: 10/30/83

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

a) Local Contribution/Source: —

b) Federal Grant: —

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $11,000

d) ADEC Grant: $11,000

e) Other: —

13) Total Estimated Grant Request: $22,000 (Utilities)

14) Total Estimated Project Cost: $22,000 (Utilities)

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

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Wilson Lane.

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development 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.

Ranked 9/2/82
EMK

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 Gordon Main Telephone 262-9107 Date 8/24/82

2) Municipality Represented: City of Soldotna

3) Name of Project: Binkley Street Improvements

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

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):

This project will include installation of additional water and sewer in conjunction with Binkley Street Improvements. Sewer improvements consist of 200 linear feet of 8" asbestos cement sewer line with associated manholes, clean-out, services and one lift station. Water improvements consist of 1,560 linear feet of 8" ductile iron water line with associated hydrants, valves and services. This project is located within Binkley and adjacent rights-of-way within the City of Soldotna.

6) Describe Need for Project This project will provide service to properties adjacent to Binkley Street not presently served as well as providing needed looping to improve reliability.

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

This project will provide access to reliable potable water and community sewer systems in addition to improving fire protection capability.

8) Existing population directly benefiting from this project:

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: –

c) Reduce Wind Blown Litter: –

d) Other: –

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 90 %

b) Industrial %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 01/01/83

b) Date Design to be Completed: 04/30/83

c) Anticipated Date of Construction Start: 07/01/83

d) Anticipated Date of Construction Completion: 10/30/83

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

a) Local Contribution/Source: –

b) Federal Grant: –

c) State Revenues: (List) Municipal Aid Grant Program & Municipal Grant Program $74,500

d) ADEC Grant: $74,500

e) Other: –

13) Total Estimated Grant Request: $149,000 (Utility)

14) Total Estimated Project Cost: $149,000 (Utility)

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

This project is scheduled to be done in conjunction with paving, storm drain, curb and sidewalk improvements in Binkley Street

16) List any comprehensive planning document recommending this project.

Soldotna Comprehensive Development 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.

Dick Marcum

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 Fred Holmberg Jr. (Message) Telephone 675-4353 Date 6/29/82

2) Municipality Represented: Upper Kalskag

3) Name of Project: Water and Sewer System

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

5) Type of Project: Water ✓ 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):

Water & sewer system (desired) and proposed for is a single system connected to each residence from a main station. That dispences water and pumps waste to sewage lagoon via lift station. Condition of existing water & sewer system is not operable since 1972. The building and the lift station are still here, but the lift station is filled with water, and the building is being used for public water dispencing.

6) Describe Need for Project Very Important for peoples Health.

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

Safe water + Sewer Projects

8) Existing population directly benefiting from this project:

162

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: _____

d) Other: _____

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial ✓ %

b) Industrial _____ %

c) Fire Protection ✓ %

11) Project Schedule:

a) Date Design to be Initiated: Early Spring

b) Date Design to be Completed: depends

c) Anticipated Date of Construction Start: Early Spring

d) Anticipated Date of Construction Completion: 6 mo.

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

a) Local Contribution/Source: _____

b) Federal Grant: ✓

c) State Revenues: (List) _____

ect.

d) ADEC Grant: _____

e) Other: _____

13) Total Estimated Grant Request: 500,000

14) Total Estimated Project Cost: 500,000

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

NA

16) List any comprehensive planning document recommending this project.

NA

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.

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 9/2/83

2) Municipality Represented: City of Valdez

3) Name of Project: North Harbor, Kennicott and South Harbor Drives Utilities extension

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

5) Type of Project: Water XX Sewage XX 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):

There are no water lines serving the east ends of North and South Harbor Drive or Kennicott Avenue. There are no sewer facilities on the east end of North Harbor Drive or on Kennicott Avenue and South Harbor Drives. This project would include installing approximately 2400' of water line and 3500' of sewer lines.

6) Describe Need for Project Expansion of the Valdez Small Boat Harbor, growth of the seafood processing industry and marine related service industries has created the need for expanding utilities in this important water front section of Valdez.

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

Suitable domestic water supply and sanitary sewers would be provided.

8) Existing population directly benefiting from this project:

100

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:

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 60 %

b) Industrial 40 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January 15, 1983

b) Date Design to be Completed: March 02, 1983

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

d) Anticipated Date of Construction Completion: August 15, 1983

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

a) Local Contribution/Source: $600,000.00

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $600,000.00

e) Other: _____

13) Total Estimated Grant Request: $ 600,000.00

14) Total Estimated Project Cost: $1,200,000.00

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

Small Boat Harbor Sewage Dump

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.