LEG. FINANCE - BILLS 1983 - 1984 2001

SB 15 cont. 2001

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: Manor Street 8" Watermain

W82(13)3430

Number of Lots 14 and Persons 49 benefitting from this project.

Estimated Construction Period: April 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ ~~64,750~~ $28,328

Source of Applicant's Funding for Project: Operational Construction

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

Robert E. Smith	General Manager	May 10, 1982
Typed Name	Title	Date

Signature Robert E. Smith

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	$173.84/LF	
1.	Administrative Expenses[1]		2% 1,858	1.
2.	Legal Expenses[1]		0.5% 478	2.
3.	Engineering Design Fees[2]	D or E	12% 11,473	3.
4.	Project Inspection and Surveying[2]	D or E	11% 10,517	4.
5.	Construction[2]	D or F	95,613	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 9,561	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	129,500	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		64,750	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		64,750	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		1,295	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		7,770	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs		6,435	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	15,500	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	145,000	22.

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

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

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

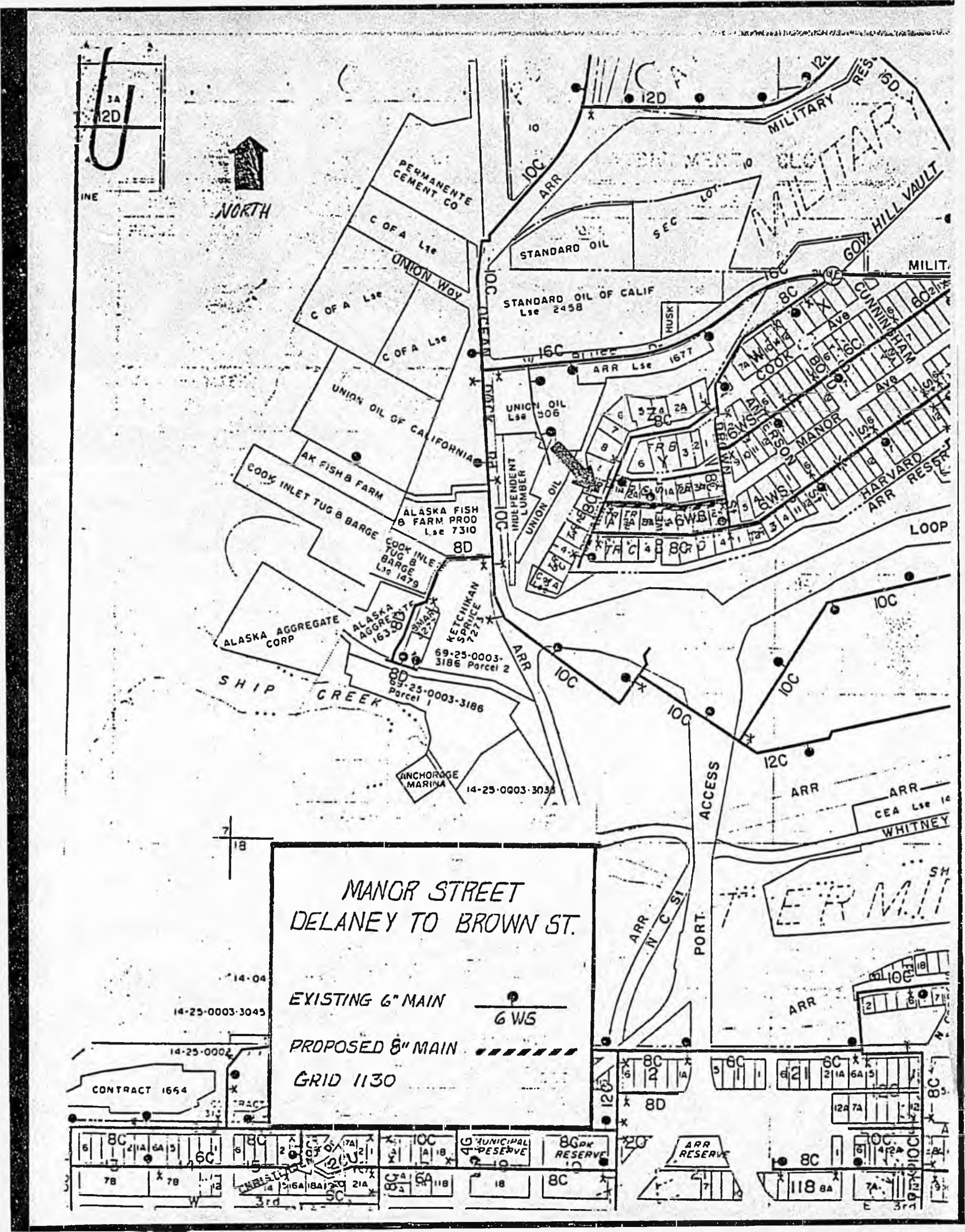
NARRATIVE

Manor Street 8-Inch Watermain

This project consists of installing approximately 550 linear feet of 8-inch ductile iron pipe in replacement of deteriorating 6-inch woodstave watermain from Delaney Street to Brown Street. The replacement will improve the transmission grids in the affected area by increasing the main size to meet expanding water needs and decreasing maintenance costs.

$$\left(\frac{4^2-3^2}{4^2}\right)\left(\$129,500\right)(0.5) = \$28,328.00$$

↑ STATE GRANT OFFER


MANOR STREET
DELANEY TO BROWN ST.
EXISTING 6" MAIN
6 WS
PROPOSED 8" MAIN
GRID 1130
NORTH
MILITARY RES
GOV. HILL VAULT
STANDARD OIL
STANDARD OIL OF CALIF
Lse 2458
UNION Way
C OF A Lse
UNION OIL OF CALIFORNIA
PERMANENTE CEMENT CO
ARR Lse 1677
UNION OIL
Lse 506
INDEPENDENT LUMBER
AK FISH & FARM
COOK INLET TUG & BARGE
ALASKA FISH & FARM PROD
Lse 7310
COOK INLET TUG & BARGE
Lse 1479
ALASKA AGGREGATE CORP
ALASKA AGGREGATE
1635
KETCHIKAN SPRUCE
69-25-0003-3186 Parcel 2
69-25-0003-3186 Parcel 1
SHIP CREEK
ANCHORAGE MARINA
14-25-0003-3035
ACCESS
ARR
CEA Lse 14
WHITNEY
PORT
N C St
MANOR
HARVARD
LOOP
CUNNINGHAM
COOK
CONTRACT 1654
14-25-0002
14-25-0003-3045
14-04
MUNICIPAL RESERVE
ARR RESERVE
3rd

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: West 44th Place Watermain Extension

W82(15)3430

Number of Lots 13 and Persons 66 benefitting from this project.

Estimated Construction Period: May 1982 Start June 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 25,650

Source of Applicant's Funding for Project: Revenue Bonds

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

Robert E. Smith — General Manager — June 16, 1982

Typed Name — Title — Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS	
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	1 49.42 LF	
1.	Administrative Expenses[1]		20% 708	1.
2.	Legal Expenses[1]		0.5% 185	2.
3.	Engineering Design Fees[2]	D or E	15% 5,559	3.
4.	Project Inspection and Surveying[2]	D or E	11% 4,077	4.
5.	Construction[2]	D or F	37,065	5.
6.	Equipment	G	0	6.
7.	Other Costs	H	0	7.
8.	Project Contingencies		10% 3,706	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL	51,300	9.
10.	Amount of Line 9 provided by Federal Grants		0	10.
11.	Amount of Line 9 provided by Other State Agencies		0	11.
12.	Amount of Line 9 provided by Applicant		25,650	12.
13.	Amount of Existing ADEC Grant		0	13.
14.	Amount of Line 9 Currently Requested from ADEC		25,650	14.
	INELIGIBLE COSTS			
15.	Land and Easement Acquisition Costs[3]		513	15.
16.	Purchase of Private Utilities		0	16.
17.	Interest and Finance Charges		3,078	17.
18.	Formation Costs of Local Improvement Districts		0	18.
19.	Comprehensive Plans and Feasibility Studies		0	19.
20.	Grant Application Preparation Costs (& other ineligible costs)		2.509	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL	6,100	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL	57,400	22.

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

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

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

NARRATIVE

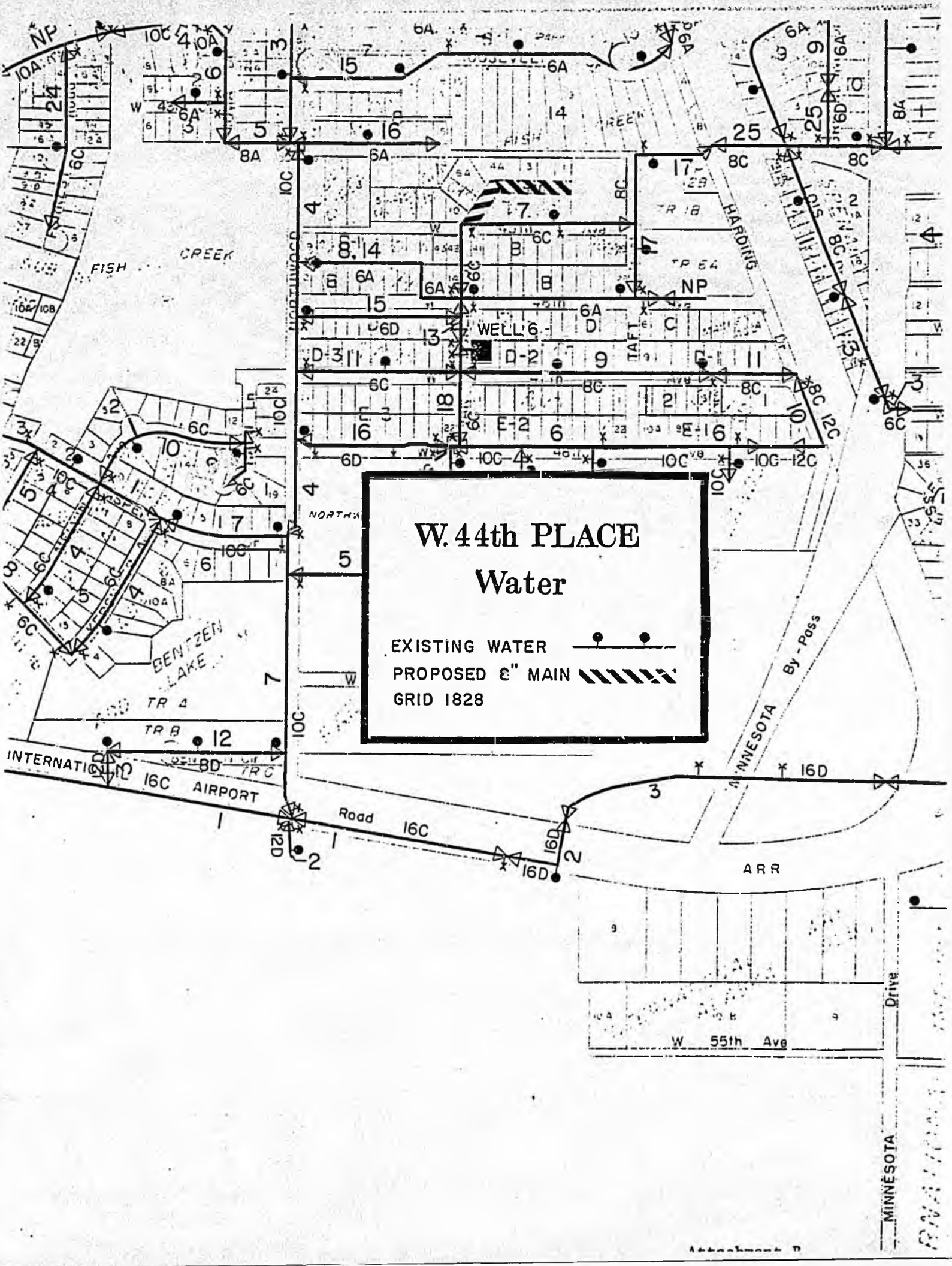
West 44th Place Water Main Extension

City Grid: 1828
Zoning: R-2

Public Works intends to improve streets in the Spenard Area with construction work scheduled to begin in late summer 1982. Prior to the street improvement, ie, paving, AWWU will be extending watermains into unserved areas affected by the street project. The West 44th Place area to be served with water includes six (6) suburban Multi-family residential lots.

The watermain extension includes design/construction of approximately 750 linear feet of 8-inch Ductile Iron Pipe. The new main will offer both domestic water service and improved fire protection capabilities.

Attachment A



Attachment B

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

APPLICATION FORM

Municipality: Municipality of Anchorage

Applicant Mailing Address: 3000 Arctic Boulevard
Anchorage, Alaska 99504

Application Prepared by: Robert E. Smith

Title: General Manager

Type of Application: XX Initial _____ Revised

Type of Project XX Water _____ Sewerage _____ Solid Waste

Project Descriptive Title: Atkins WID #316 W82(18)3430

Number of Lots 10 and Persons 35 benefitting from this project.

Estimated Construction Period: September, 1982 Start January, 1983 Finish

Amount of State Grant Funds Requested from ADEC: $ 19,350

Source of Applicant's Funding for Project: Revenue Bonds

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

ROBERT E. SMITH	GENERAL MANAGER, AWWU	10/25/82
Typed Name	Title	Date

Robert E Smith

Signature

APPLICATION FOR STATE CONSTRUCTION GRANT ASSISTANCE

COST SUMMARY

	COST CLASSIFICATION	ATTACHMENT REQUIRED	TOTAL ESTIMATED PROJECT COSTS		
	ELIGIBLE COSTS	Note: Attachments A B & C are required for for all projects	#68.94/LF		
1.	Administrative Expenses[1]		1.7%	506	1.
2.	Legal Expenses[1]		0.5%	143	2.
3.	Engineering Design Fees[2]	D or E	12%	3,433	3.
4.	Project Inspection and Surveying[2]	D or E	11%	3,147	4.
5.	Construction[2]	D or F		28,610	5.
6.	Equipment	G		0	6.
7.	Other Costs	H		0	7.
8.	Project Contingencies		10%	2,861	8.
9.	SUBTOTAL (Lines 1-8)	SUBTOTAL		38,700	9.
10.	Amount of Line 9 provided by Federal Grants			0	10.
11.	Amount of Line 9 provided by Other State Agencies			0	11.
12.	Amount of Line 9 provided by Applicant			19,350	12.
13.	Amount of Existing ADEC Grant			0	13.
14.	Amount of Line 9 Currently Requested from ADEC			19,350	14.
	INELIGIBLE COSTS				
15.	Land and Easement Acquisition Costs[3]			387	15.
16.	Purchase of Private Utilities			0	16.
17.	Interest and Finance Charges			2,322	17.
18.	Formation Costs of Local Improvement Districts			0	18.
19.	Comprehensive Plans and Feasibility Studies			0	19.
20.	Grant Application Preparation Costs (& other inelig. costs)			1,891	20.
21.	SUBTOTAL (Lines 15-20)	SUBTOTAL		4,600	21.
22.	TOTAL PROJECT COSTS (Lines 9 plus 21)	TOTAL		43,300	22.

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

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

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

ATKINS W.I.D. #316

NARRATIVE

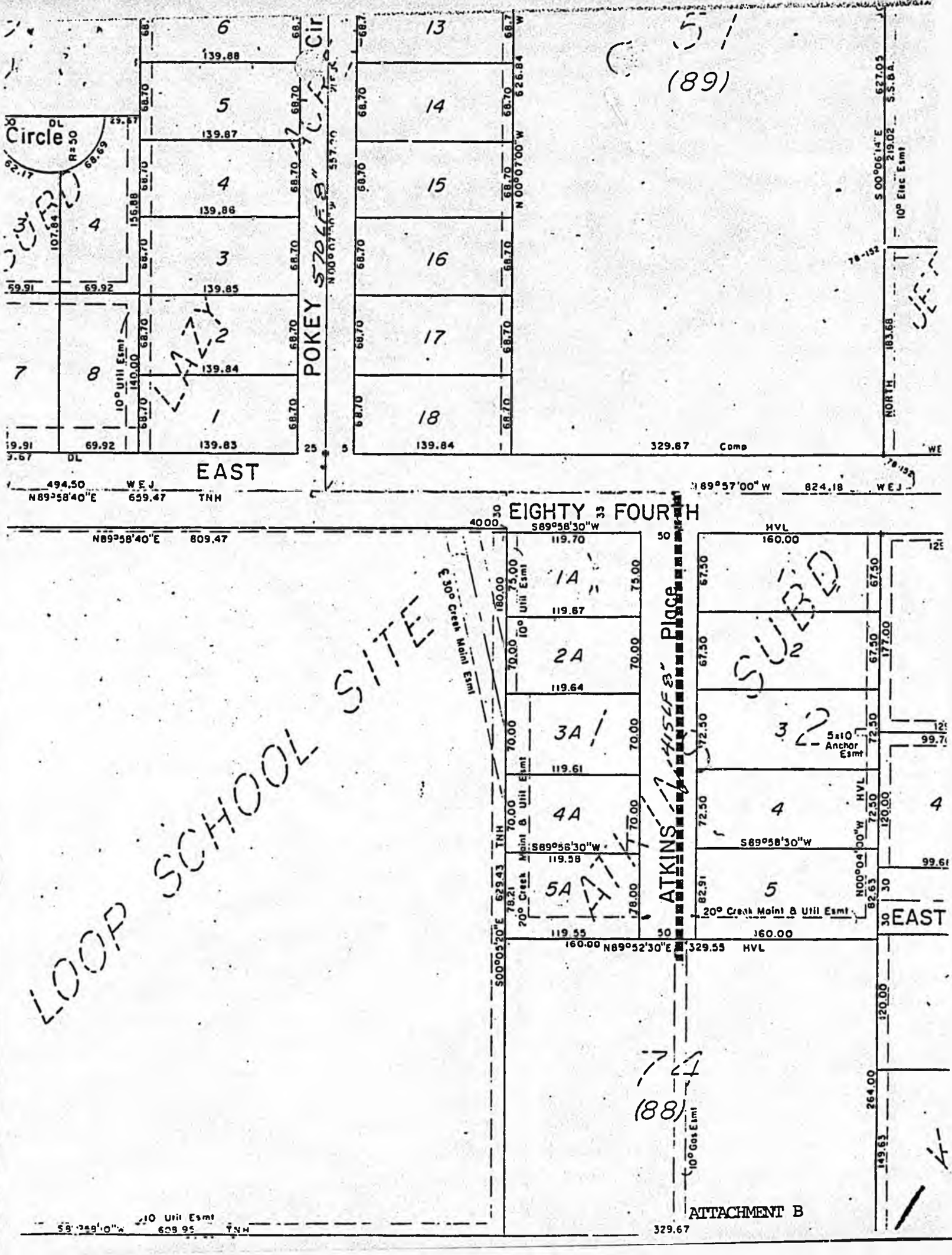
The Anchorage Water & Wastewater Utility proposes to design/construction of approximately 415 linear feet of 8" D.I.P. water main to provide service to the properties in the Atkins Subdivision. These lots are requesting the extension.

The existing well system within the subject area is experiencing problems and the well is not capable of providing fire protection.

It is anticipated that there will be grant funding assistance from Alaska Department of Environmental Conservation. NOT LIKELY! WE HAVE BEEN OUT OF FUNDS FOR ALMOST A YEAR.

C/AWIDN

Attachment A


POKEY STOKES Cir
Circle
EAST
EIGHTY FOURTH
ATKINS Place
LOOP SCHOOL SITE
SURD
(89)
(88)
10° Util Esmt
10° Elec Esmt
10° Gas Esmt
20° Creek Maint Esmt
20° Creek Maint & Util Esmt
5x10 Anchor Esmt
NORTH
ATTACHMENT B

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Abbott Loop/Tudor to Abbott Road (1984)

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

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):

Project was recommended in the 1971 Water Distribution System Analysis Report and will provide a major transmission main for bulk water supply to most southern portion of the system. This main will be the backbone of the transmission grid for Section 16 and South Anchorage. It will be designed in 1982 and constructed in three phases as follows:

Phase I: from Tudor Road to Dowling Road in 1983.
Phase II: from Dowling Road to 76th Avenue in 1984.
Phase III: from 76th Avenue to Abbott Road in 1985.

The project will be the primary transmission main serving the southeast portion of the water service area.
The approximate service area will be Dowling Road to the North New Seward Highway to the west, the Hillside to the east and O'Malley Road to the south.

6) Describe Need for Project The project will determine time schedule of all other transmission and distribution mains within the described service area.

The construction will allow further development within its service area providing the Utility with additional revenues.

d) ADE e) Oth

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

Improved potable water services as small individual systems are phased out.

8) Existing population directly benefiting from this project:

The approximate acreage is 5,000 serving primarily residential, and light industrial customers.

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 75 %

b) Industrial _____ %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1982

b) Date Design to be Completed: December 8, 1983 1982

c) Anticipated Date of Construction Start: April, 1983

d) Anticipated Date of Construction Completion: November, 1985 1984

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

a) Local Contribution/Source: $780,000 $390,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

this project.
nsed out.

d) ADEC Grant: $520,000

e) Other:

13) Total Estimated Grant Request: $520,000

14) Total Estimated Project Cost: $1,300,000 (1984)

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.

1971 Water Distribution Analysis and ongoing computer modeling results.

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.

See 6 above.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Eagle River System Interties (1984)

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

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):

This project serves to interconnect existing systems as acquired to equalize supplies and demands where possible.

6) Describe Need for Project Interconnects of the existing separate systems as they are acquired by AWWU provides increased reliability, more uniform supplies, and balanced water demands.

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

The interconnection of the systems will have a beneficial effect on the quality of service to the affected systems.

8) Existing population directly benefiting from this project:
Schedule of system acquisitions undetermined at this time with numbers of customers varying with each system.

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 75 %

b) Industrial _____ %

c) Fire Protection 25 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1984 11/83 1/84

b) Date Design to be Completed: December, 1984 5/83 5/84

c) Anticipated Date of Construction Start: April, 1985 6/83 6/84

d) Anticipated Date of Construction Completion: June, 1985 8/83 10/84

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

a) Local Contribution/Source: $180,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $120,000

e) Other:

13) Total Estimated Grant Request: $120,000

14) Total Estimated Project Cost: $300,000 (1984)

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.

Projects will be in conformance with Eagle River modeling program being developed as technical portion of Eagle River water master plan.

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.

This project interties newly purchased private systems and connect where practical to transmission mains installed in 1982-83 period.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: C-5-2 Trunk, Phase II (1983)

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

5) Type of Project: Water _____ 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):

Extension of trunk system from approximate vicinity of 96th Avenue and Victor Road east for about 3/4 of a mile.

This project will provide sanitary sewer trunk facilities to the area east of Victor Road and Campbell Lake. The trunk will serve as a base from which a collection system may extend.

6) Describe Need for Project Parts of this project depend on the ADOTPF project extending Minnesota Drive without the trunk, lateral extensions throughout this location are curtailed, stopping development.

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

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:
The C-5-2 Trunk serves the Olympus Subdivision, Laurel Acres Subdivision, and properties east to the A.R.R. Right-of-Way. Phase II will serve approximately 429 acres or a saturation population of 6,300.

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

a) Eliminate or Reduce Ground Water Contamination: X

b) Improve Receiving Water Quality: X

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: October, 1982

b) Date Design to be Completed: March, 1983

c) Anticipated Date of Construction Start: 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: $396,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $264,000

e) Other: _____

13) Total Estimated Grant Request: $264,000

14) Total Estimated Project Cost: $660,000

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

Minnesota Drive Extension to New Seward Highway.

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities 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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: W. Interceptor (Phase II) Pump Station & Force Main (1983)

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

5) Type of Project: Water _____ 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):

Project to connect Northeast and Southeast Interceptors with Phase I of 78" West Interceptor (construct in 1980), thereby diverting flow via gravity away from Campbell Creek Pump Station and avoiding overflow into Campbell Lake during peak periods of infiltration and inflow. Project is 6,000 linear feet long. construction of this project is contingent upon receipt of Federal funding or Special State Legislative Appropriations.

6) Describe Need for Project Sewage flows from the NE & SE interceptors, which presently requires pumping at the Campbell Creek Station, will be handled by gravity flow to the WWTF at Pt. Woronzof.

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

None

8) Existing population directly benefiting from this project:

The project service area is contiguous with the NE & SE interceptor drainage areas.

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 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: April, 1983

b) Date Design to be Completed: January, 1984

c) Anticipated Date of Construction Start: May, 1984

d) Anticipated Date of Construction Completion: August, 1985

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

a) Local Contribution/Source: $2,016,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: $1,344,000

e) Other: _____

13) Total Estimated Grant Request: $1,344,000

14) Total Estimated Project Cost: $3,360,000

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

Raspberry Road extension - Arctic Boulevard Improvements

16) List any comprehensive planning document recommending this project.

1982 Anchorage 201 Facilities Plan

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.

This project completes the improvement made in 1980 when 2000' of 78" interceptor was installed to clear highway construction.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Production Well #14 (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 8

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):

Due to the increase population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selection will depend on results of 1982 Test Well program.

6) Describe Need for Project The need for Well No. 14 was recognized in the Water Distribution Analysis Final Report, Page 90, dated November, 1980 which further expressed the desirability to have this well on line by 1985. Current plans are to locate the well in the area of Section 16.

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

Improved potable water quality as small individual systems are phased out.

8) Existing population directly benefiting from this project:

This project would provide domestic water supplies and fire flow supplies to residential area with limited sources.

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 10 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: June, 1983

c) Anticipated Date of Construction Start: August, 1983

d) Anticipated Date of Construction Completion: August, 1984

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

a) Local Contribution/Source: $90,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

of this project are phased out.

d) ADEC Grant: $60,000

e) Other: _____

13) Total Estimated Grant Request: $60,000

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.

None

16) List any comprehensive planning document recommending this project.

1971 Water distribution Analysis (Plate A) projected a well site near Abbott Road at Birch Road. Also, the Water Distribution Analysis Final Report November 1980, Page 90 and Metropolitan Anchorage Urban Study.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Production Well House #14 (1984)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 8

5) Type of Project: Water XXX 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):

Due to the increase population of Anchorage, the Water Utility must increase its production capabilities to keep up with the user demand. Final site selection will depend on results of 1982 Test Well program.

6) Describe Need for Project The need for Well No. 14 was recognized in the Water Distribution Analysis Final Report, page 90, dated November, 1980 which further expressed the desirability to have this well on line by 1985. Current plans are to locate the well in the area of Section 16.

d) ADEC
e) Other

7) List specific health benefits resulting from construction of this proje

Improved water quality as small individual systems are phased out.

8) Existing population directly benefiting from this project:
This project would provide domestic water supplies and fire flow supplies to residential area with limited sources.

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 80 %

b) Industrial 10 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: March, 1983

b) Date Design to be Completed: June, 1983

c) Anticipated Date of Construction Start: August, 1983

d) Anticipated Date of Construction Completion: August, 1984

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

a) Local Contribution/Source: $180,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

ion of this proj.
sed out.

d) ADEC Grant: $120,000

e) Other: _____

13) Total Estimated Grant Request: $120,000

14) Total Estimated Project Cost: $300,000

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.

1971 Water distribution Analysis (Plate A) projected a well site near Abbott Road at Birch Road. Also, the Water Distribution Analysis Final Report November 1980, Page 90 and Metropolitan Anchorage Urban Study.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Chugach Way/Arctic to Spenard Road (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 11

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 project will provide a better flow by intertieing the mains in Spenard Road and Arctic Boulevard. The project will be located in Chugach Way between Spenard Road and Arctic Boulevard.

6) Describe Need for Project Project will eliminate a flow problem within this area and will provide water to an area along Chugach Way that presently has no water.

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

Existing service meets health standards.

8) Existing population directly benefiting from this project:
The project will serve the area between Spenard Road and Arctic Boulevard and 36th to 40th Avenue. The area is approximately 40 acres, being primarily dense residential.

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 80 %

b) Industrial -- %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: August, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: November, 1983

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

a) Local Contribution/Source: $204,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $136,000

e) Other: _____

13) Total Estimated Grant Request: $136,000

14) Total Estimated Project Cost: $340,000

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.

The project is in accordance with the 1971 Water Distribution System Analysis as shown on plate 5, and the November 1980 Water Distribution Analysis.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Woodstave Line Replacements (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 12

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):

Project will replace deteriorating woodstave water mains with ductile iron water mains and will improve the transmission grids in the affected areas by increasing main sizes as necessary to meet expanding water needs. Mains scheduled for replacement include the following:

1983 - 10th Avenue between "I" and "N" Streets (6-inch woodstave to 16-inch ductile iron).
- Elm Street between Dogwood and Bluff. (6-inch woodstave to 8-inch ductile iron).

6) Describe Need for Project Provides the replacement of woodstave water lines with D.I.P. Project will help establish an ongoing preventive maintenance program.

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

Health benefits are a function of degree of improvements made.

8) Existing population directly benefiting from this project:

Areas in accordance with item 5 above.

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 70 %

b) Industrial 10 %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: February, 1984

c) Anticipated Date of Construction Start: April, 1984

d) Anticipated Date of Construction Completion: October, 1984

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

a) Local Contribution/Source: $357,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

d) ADEC Grant: $153,000

e) Other: _____

13) Total Estimated Grant Request: $153,000

14) Total Estimated Project Cost: $510,000 (1983)

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.

Improvement will be in conformance with latest plan information and computer modeling results.

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Spruce Street/Lore Road to 68th Avenue (1983)

4) Local priority of this project compared to other questionnaires submitted by the municipality # 10

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):

Design and install water transmission main in Spruce Street between 68th Avenue and 76th Avenue (Lore Road).

6) Describe Need for Project Project is necessary link of distribution grid and provides water to unserved area along Spruce Street.

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

Improves water quality as individual water systems are phased out.

8) Existing population directly benefiting from this project:

Serves residential area of 1/2 mile along transmission route.

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 80 %

b) Industrial _____ %

c) Fire Protection 20 %

11) Project Schedule:

a) Date Design to be Initiated: July, 1983

b) Date Design to be Completed: November, 1983

c) Anticipated Date of Construction Start: February, 1984

d) Anticipated Date of Construction Completion: June, 1984

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

a) Local Contribution/Source: $192,000/Revenue Bonds

b) Federal Grant: _____

c) State Revenues: (List) _____

project.

d) ADEC Grant: $128,000

e) Other: _____

13) Total Estimated Grant Request: $128,000

14) Total Estimated Project Cost: $320,000

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.

1971 Water Distribution Analysis

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 Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Southeast Interceptor (1983)

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

5) Type of Project: Water _____ 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 be located adjacent to the East edge of Alaska Railroad R-O-W and will extend south of Roy Road to DeArmoun Road. It will provide for the orderly progression of the Southeast Interceptor serving the southeast portion of Anchorage.

It connects E-1, E-2, E-3, E-4, E-5, E-6, and E-7 trunks with the 78-inch West Interceptor. Interceptor will be located for the most part along the Alaska Railroad Right-of-Way and New Seward Highway for a distance of seven miles.

6) Describe Need for Project Future trunk and lateral extensions depend heavily on the construction of this section of the interceptor. Development may become stunted in SE Anchorage without proper sewer expansion.

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

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:

The project will ultimately serve a year 2010 saturation population of 76,200 people. according to the above study. Approximate acreage is 6,833 acres, mostly residential development

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 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January, 1983

b) Date Design to be Completed: July, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: December, 1984

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

a) Local Contribution/Source: $2,400,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

this project.

d) ADEC Grant: $1,600,000

e) Other: _____

13) Total Estimated Grant Request: $1,600,000

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

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.

1982 Anchorage 201 Facilities Plan

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.

This project is in conjunction with the ADOTPF, project extending the New Seward Highway southward. If sewer improvements lag behind highway improvements, the costs of the sewer improvements will multiply. The section on Huffman Road between Old and New Seward Highways was installed in 1982.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Anchorage Water & Wastewater Utility Telephone 277-7622 Date 07-31-82

2) Municipality Represented: Municipality of Anchorage

3) Name of Project: Southeast Interceptor (1984)

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

5) Type of Project: Water _____ 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 be located adjacent to the East edge of Alaska Railroad R-O-W and will extend south of Roy Road to DeArmoun Road. It will provide for the orderly progression of the Southeast Interceptor serving the southeast portion of Anchorage.

It connects E-1, E-2, E-3, E-4, E-5, E-6, and E-7 trunks with the 78-inch West Interceptor. Interceptor will be located for the most part along the Alaska Railroad Right-of-Way and New Seward Highway for a distance of seven miles.

6) Describe Need for Project Future trunk and lateral extensions depend heavily on the construction of this section of the interceptor. Development may become stunted in SE Anchorage w/o proper sewer expansion.

7) Describe water benefit resulting from construction of this project:

Increase pressure and volume to adequately provide service per water quality standards.

8) Existing population directly benefiting from this project:

1094 ✓ 27 x 3.4 =

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

a) Eliminate or Reduce Ground Water Contamination: N/A

b) Improve Receiving Water Quality: N/A

c) Reduce Wind Blown Litter: N/A

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 90 %

b) Industrial 0 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 1/1/83

b) Date Design to be Completed: 3/1/83

c) Anticipated Date of Construction Start: 5/1/83

d) Anticipated Date of Construction Completion: 8/1/83

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

a) Local Contribution/Source: $40,000

b) Federal Grant: 0

c) State Revenues: (List)

d) ADEC Grant: $172,000

e) Other:

13) Total Estimated Grant Request: $172,000

14) Total Estimated Project Cost: $430,000

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.

1982 Anchorage 201 Facilities Plan

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.

This project is in conjunction with the ADOTPF, project extending the New Seward Highway southward. If sewer improvements lag behind highway improvements, the costs of the sewer improvements will multiply. The section on Huffman Road between Old and New Seward Highway, was installed in 1982/

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

Improved sewage disposal for areas affected.

8) Existing population directly benefiting from this project:
The project will ultimately serve a year 2010 saturation population of 76,200 people, according to the above study. Approximate acreage is 6,833 acres, mostly residential development.

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 Hd Hardly

c) Reduce Wind Blown Litter:

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 95 %

b) Industrial 5 %

c) Fire Protection %

11) Project Schedule:

a) Date Design to be Initiated: January, 1983

b) Date Design to be Completed: July, 1983

c) Anticipated Date of Construction Start: September, 1983

d) Anticipated Date of Construction Completion: December, 1984

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

a) Local Contribution/Source: $258,000/Revenue Bonds

b) Federal Grant:

c) State Revenues: (List)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name John Hale Telephone 675 4324 Date 13 Aug 82

2) Municipality Represented: Aniak, Ak. 99557

3) Name of Project: Aniak Community Sewer System

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

5) Type of Project: Water _____ 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):

Aniak townsite water is by individual shallow driven and/or drilled wells. Waste disposal is by cesspools inadequately spaced with few septic systems. No central dumping exists.
The proposed project will provide a DEC approved community sewer system consisting of 2½ miles of sewer main, one lift station, and a total retention sewer lagoon.

6) Describe Need for Project If the community sewer is not built the ground water in the individual wells thorough town will become contaminated by the existing inadequate individual waste disposal systems.

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

Surface sewage in town will be eliminated. Water supply will not be contaminated. Water borne diseases will decrease. Kids won't play in surface sewage.

8) Existing population directly benefiting from this project:

275

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 100 %

b) Industrial _____ %

c) Fire Protection _____ %

11) Project Schedule:

a) Date Design to be Initiated: 5/82

b) Date Design to be Completed: 8/82

c) Anticipated Date of Construction Start: 6/83

d) Anticipated Date of Construction Completion: 7/84

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

a) Local Contribution/Source: _____

b) Federal Grant: _____

(c) State Revenues: (List) # 1,000,000 - 1500

_____

d) ADEC Grant: _____

e) Other: _____

13) Total Estimated Grant Request: $ 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.

1982 Road building
1983 Dike Construction
1983 Community Sewer Project

16) List any comprehensive planning document recommending this project.

ADEC-USD/PHS Sanitation Facilities Study

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.

Project Design
Some Material procurement

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Francis W. Mandeville Telephone 246-4224 Date July 28, 1982

2) Municipality Represented: Bristol Bay Borough

3) Name of Project: Naknek Sewage Facility: Step # 3

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

5) Type of Project: Water _____ 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):

Construct a two cell facultative lagoon located west of Naknek with a collector and intercept system located in the populated area of Naknek (Naknek Sewer District). Currently Naknek does not have a sewage treatment system.

6) Describe Need for Project Septic tanks have not worked well in Naknek because of inadequate leach fields, slow percolation in the medium to fine-grained local soils, and lack of facilities for periodic pumping and cleaning of tanks. The lack of an adequate sewage treatment system presents a multitude of potential health hazards.

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

1. Noncontaminated drinking water
2. Contain and centralize potentially harmful bacteria
3. Reduce the potential of mosquitoes laden with disease
4. Reduce water pollution

8) Existing population directly benefiting from this project:

Average: 4,375 (1,250 permanent ---- 7,500 transitory)

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

c) Reduce Wind Blown Litter: NA

d) Other:

10) Category of Beneficial Use: Percentage of User5s Benefitting

a) Residential/Commercial 100 %

b) Industrial 100 %

c) Fire Protection ---- %

11) Project Schedule:

a) Date Design to be Initiated: 3-12-80

b) Date Design to be Completed: 10-29-82

c) Anticipated Date of Construction Start: 5-1-83

d) Anticipated Date of Construction Completion: 9-30-84

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

a) Local Contribution/Source: $1,451,900

b) Federal Grant: $2,936,200

c) State Revenues: (List) 0

d) ADEC Grant: $1,014,900

e) Other: _____

13) Total Estimated Grant Request: $1,014,900

14) Total Estimated Project Cost: $5,403,000

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.

"Comprehensive Coastal Zone Management Plan"

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.

Steps # 1 & # 2 have received federal and state grants and is nearing completion. Additional grant funds for Step # 3 is necessary for the successful completion of this project.

(2)

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 Perry D. Lovett Telephone 907 424 3237 Date 8/20/83
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: Morpac Parallel Line

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

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 involves the construction of a parallel line - approximately 1300 L.F. to reinforce the existing 8-inch main from the intersection of Industry road and North Railroad Avenue to the vicinity of Morpac Cannery. To be completed in 1983.

6) Describe Need for Project Need is outlined Cordova Water Supply Feasibility Study prepared by Merrell & Associates/Black & Veatch January, 1980. and is part of the Phase I & II Water Improvements projects.

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

Would help eliminate pollution from septic tanks, another project to complete the installation of an adequate water system for Cordova.

8) Existing population directly benefiting from this project:

Several residential areas and 2 large canneries, ferry dock office and Chevron office.

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 %

b) Industrial 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 11/82

b) Date Design to be Completed: 2/83

c) Anticipated Date of Construction Start: 5/83

d) Anticipated Date of Construction Completion: 10/83

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

a) Local Contribution/Source:

b) Federal Grant:

c) State Revenues: (List) $60,000 Municipal Grant

d) ADEC Grant: 50% $60,000

e) Other:

13) Total Estimated Grant Request: $60,000

14) Total Estimated Project Cost: $120,000

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

The road will be resurfaced in late 1983

16) List any comprehensive planning document recommending this project.

As outlined in Cordova Water Supply Feasibility Study

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.

Phase I & II of Cordova Water Improvement Projects (1981 and 1982)

See previous correspondence from Black & Veatch/Merrell & Assoc.

on this matter.

(3)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Perry D. Lovett Telephone 907 424 3237 Date 8/20/82
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: Power Creek Creek Booster Station, Zone II System & Distribution System Improvements

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

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 outlined in detail in the Cordova Water Supply Feasibility Study dated January, 1980 prepared by Merrell & Assoicates/Black & Veatch. Power Creek Road Distribution and Zone II System will provide water and firefighting capabilities to the Eyak Lake airstrip and residential development. This system improvement was identified in the computer analyses of the Cordova water system. A booster station and Zone II system will provide water to a large flat area recently obtained by the City in municipal land selections.

Approximately 7,600 L.F. of waterline /20,000 gal. storage tank, feeder line, pump station. Area too high to be served by the lower zone system.

6) Describe Need for Project Area is within Eyak Lake AMSA. Will provide a water system, firefighting capability, increase residential/commercial development within area.

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

Fire protection

8) Existing population directly benefiting from this project:

approx. 40 person not including commercial.

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: Eliminate use of the Eyak Lake which is currently polluted.

c) Reduce Wind Blown Litter:

d) Other: open land to development/reduce pollution of Eyak Lake

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 100 %

b) Industrial ____ %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 9/83

b) Date Design to be Completed: 11/83

c) Anticipated Date of Construction Start: 5/84

d) Anticipated Date of Construction Completion: 10/84

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

a) Local Contribution/Source: Assessment District -

b) Federal Grant:

c) State Revenues: (List) or municipal grant of 50%

d) ADEC Grant: 50%

e) Other:

13) Total Estimated Grant Request: 50% $400,000

14) Total Estimated Project Cost: $800,000

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

1984-Sewerlines and paving - 1985

16) List any comprehensive planning document recommending this project.

Merrell & Associates/Black & Veatch water study "Cordova Water Supply Feasibility Study" dated January, 1980.

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.

1981 and 1982 Phase I & II Water Improvements projects

(6)

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name Perry D. Lovett Telephone 907 424 3237 Date 8/20/82
City Manager

2) Municipality Represented: CITY OF CORDOVA

3) Name of Project: SMALL BOAT HARBOR WATERLINE ADDITION Grant Increase

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

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):

Water facilities for A and B floats, a loop (for water circulation) and backflow prevention on the dock approach opposite industry road. Also, water service to the new harbor floats which are in the design stage (including engineering and design). Will be water service for 920 berths(580 on new float) total.

6) Describe Need for Project

the cost of the project, particularly for materials far exceed the original estimate. The revised estimate is now $174,000. In addition we are requesting a grant amendment to provide water service to the new floats which will berth an additional 580 slips. The estimate to provide water to the new floats is $250,000 including engineering and inspection. This will provide all weather water service and firefighting capabilities.

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

eliminate hazards of an overloaded harbor.

8) Existing population directly benefiting from this project:

The City of Cordova

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 100 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: _____

b) Date Design to be Completed: _____

c) Anticipated Date of Construction Start: 1983

d) Anticipated Date of Construction Completion: 1985

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

a) Local Contribution/Source: _____

b) Federal Grant: _____

c) State Revenues: (List) TORA Grant - DOT/PF

221 317
36 250
185 067

d) ADEC Grant: 50%

e) Other:

(Present grant about $72500.-) ÷ 2 = $36 25c

13) Total Estimated Grant Request: $221,317

14) Total Estimated Project Cost: $442,634.00

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

This is for a grant increase in this project. The waterline for the old harbor area is completed with project costs, especially material costs, have far exceeded original estimate.

16) List any comprehensive planning document recommending this project.

Coastal Zone Management plan (1981) Harbor Development Plan (1976)

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.

Part of the waterline project for the small boat harbor and the overall project of the new harbor currently under construction.

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
PROJECT CAPITAL BUDGET QUESTIONNAIRE

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1) Your Name John Miko, Jr. Telephone 456-2235 Date 7-7-82

2) Municipality Represented: City of Fairbanks/Municipal Utilities System

3) Name of Project: Sludge Disposal Facility Phase II

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

5) Type of Project: Water_____ 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):

Facility is for the Fairbanks Wastewater Treatment Plant which is to include higher capacity and more cost efficient sludge dewatering units and plus permanent sludge drying beds capable of drying sludge after going through freeze/thaw cycle. Ultimate disposal will be agricultural/soil conditioned. Present system overloaded and incapable of producing a dry enough product.

6) Describe Need for Project Needed for removal of sludge from the treatment process in order to achieve a high quality effluent and a usable sludge product.

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

1. High quality effluent therefore lower health risk and pollution.

8) Existing population directly benefiting from this project:

Entire area or service district and population downstream.

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

a) Eliminate or Reduce Ground Water Contamination: Impervious liner on sludge beds.

b) Improve Receiving Water Quality: Less solids

c) Reduce Wind Blown Litter: N/A

d) Other: Improve soil conditions for agricultural purposes.

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: 5/82

b) Date Design to be Completed: 8/82

c) Anticipated Date of Construction Start: 3/83

d) Anticipated Date of Construction Completion: 8/83

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

a) Local Contribution/Source: $187,500

b) Federal Grant: -0- $1,125,000 EPA

c) State Revenues: (List) Revenue Sharing Grants -- $450,000 (30%)

d) ADEC Grant: ~~$1.05 M (70%)~~ $187,500

e) Other: _____

13) Total Estimated Grant Request: _____

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.

None

16) List any comprehensive planning document recommending this project.

Facility Plant for Sludge Disposal For Fairbanks W.W.T.P. 1980.

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.

Design phase is scheduled for completion in August 1982.

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 Garv L. Rice Telephone 456-5176 Date August 11, 1982

2) Municipality Represented: City of Fairbanks, Municipal Utilities System

3) Name of Project: N E Water Transmission System

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

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 will continue the planned extension of our water transmission system into the North East area of Fairbanks.

6) Describe Need for Project This project is needed to supply water to residents currently on wells and bolster fire flows in the existing system.

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

1. Avoid individual wells

2. Better water main pressure control - less chance of cross connection contamination.

8) Existing population directly benefiting from this project:

Approximately 8,000.

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: NO

c) Reduce Wind Blown Litter: NO

d) Other:

10) Category of Beneficial Use: Percentage of User's Benefitting

a) Residential/Commercial 50 %

b) Industrial %

c) Fire Protection 50 %

11) Project Schedule:

a) Date Design to be Initiated: Sept. 1982

b) Date Design to be Completed: Feb. 1983

c) Anticipated Date of Construction Start: June 1983

d) Anticipated Date of Construction Completion: Oct. 1983

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

a) Local Contribution/Source: 1,980,000

b) Federal Grant:

c) State Revenues: (List)

d) ADEC Grant: 1,980,000

e) Other: _____

13) Total Estimated Grant Request: _____

14) Total Estimated Project Cost: 3,860,000

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

1. OLD STEESE REBUILD is under design now and a grant application is being applied for this year.

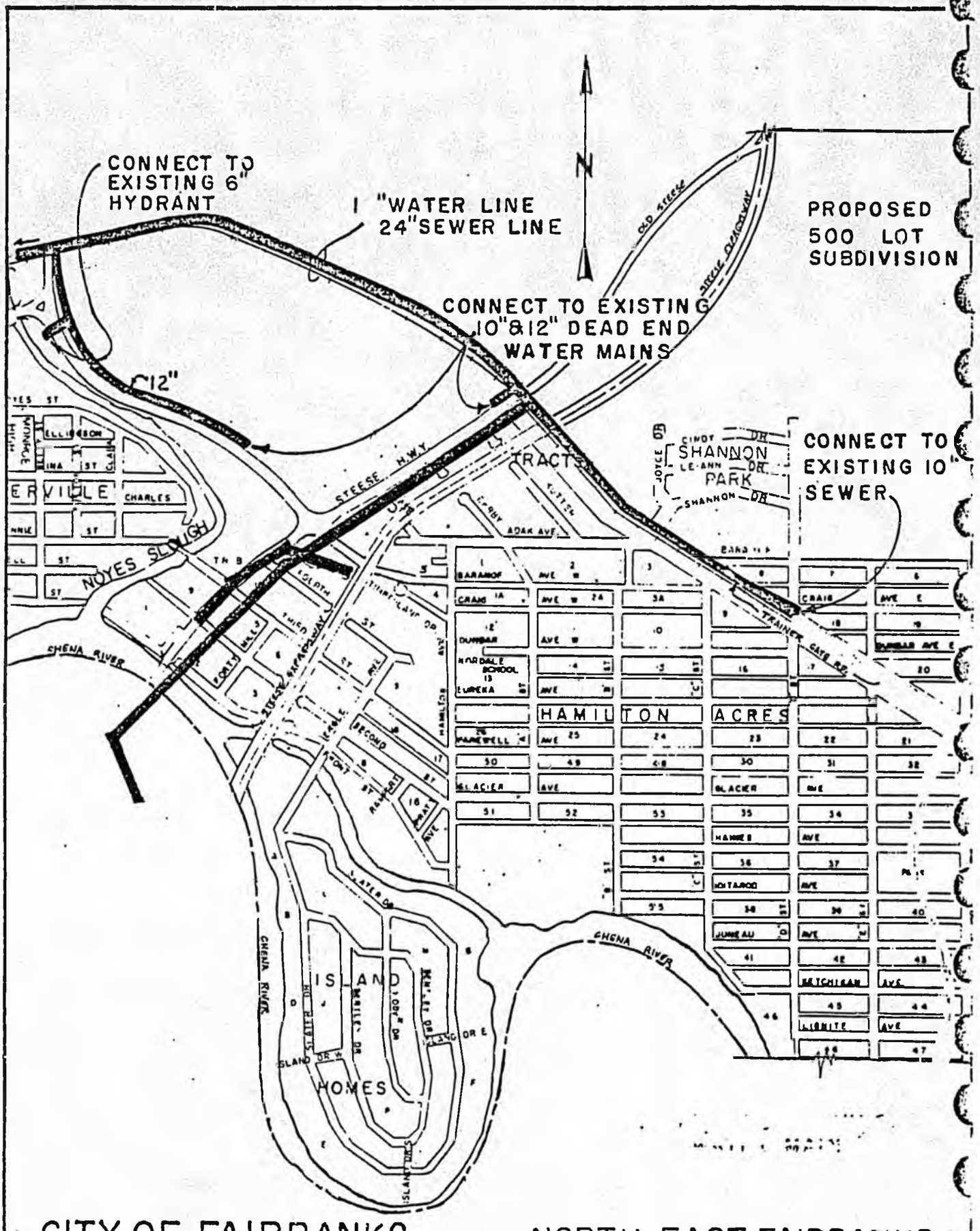
2. N.E. Sewer Interceptor

16) List any comprehensive planning document recommending this project.

City of Fairbanks Municipal Utilities 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.


CONNECT TO EXISTING 6" HYDRANT
1 "WATER LINE
24"SEWER LINE
PROPOSED 500 LOT SUBDIVISION
CONNECT TO EXISTING 10"&12" DEAD END WATER MAINS
12"
CONNECT TO EXISTING 10" SEWER
STEESE H.W.Y.
OLD STEESE
STEESE EXPRESSWAY
SHANNON PARK
TRACT
NOYES SLOUGH
CHENA RIVER
HAMILTON ACRES
ISLAND HOMES
TRAINER GATE RD.
CITY OF FAIRBANKS
NORTH EAST FAIRBANKS SEWER & WATER DESIGN

(2)

[illegible]

[illegible] a copy of this questionnaire for each capital project for which you are requesting water, sewerage, or solid waste plant assistance under AS 46.03.030. A questionnaire should be completed for all 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 Darrell Maple Telephone 766-2231 Date 10/1/82

2) Municipality Represented: City of Haines

3) Name of Project: 4th Avenue & Mathias water line Improvements

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

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

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

The project consists of the installation of approx. 1200 L.F. of 6" Ductile Iron water distribution mains. The present service line carries approximately 27 homes on a 1½" galvanized line. Inadequate by all standards. Existing water treatment capacity is adequate to provide the source needed. The lines will will be installed along 4th Avenue and formed into a looped system on Mathias Road.

6) Describe Need for Project The existing distribution line is inadequate to service present homes. The construction of approx. 8 new homes in the area as anticipated will have to be held up until the line is upgraded to proper size. The project has been budgeted for the local share.

(4)

[illegible]

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 listed 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 Darrell Maple Telephone 766-2231 Date 10/1/82

2) Municipality Represented: City of Haines

3) Name of Project Mud Bay Road Water 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):

Project includes the construction of approx. 1100 L.F. of 6" Ductile Iron water Distribution main's extending along Mud Bay Road to the City limits. There is presently no water to the area Existing water treatment & distribution systems are adequate to supply the source of water.

6) Describe Need for Project At present the residents have completed the formation of an L.I.D. to help fund the costs of the project. The need is established due to the non-existence of a potable supply to service existing residences. The project has been budgeted for the local share.

7) List public health benefits resulting from construction of the project.

Provision of a potable water supply to residents currently carring water to their residences.

8) Existing population directly benefiting from this project:

1094

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

a) Eliminate or Reduce Ground Water Contamination: N/A

b) Improve Receiving Water Quality: N/A

c) Reduce Wind Blown Litter: N/A

d) Other:

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 90 %

b) Industrial 0 %

c) Fire Protection 10 %

11) Project Schedule:

a) Date Design to be Initiated: 8/1/82

b) Date Design to be Completed: 10/15/82

c) Anticipated Date of Construction Start: 6/1/83

d) Anticipated Date of Construction Completion: 8/1/83

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

a) Local Contribution/Source: 35,000

b) Federal Grant: 0

c) State Revenues: (List)

c, ADEC Grant: 35,000

e) Other:

13) Total Estimated Grant Request: 35,000

14) Total Estimated Project Cost: 70,000

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

State DOT/PF will be paving the Mud Bay Road and relocating waterlines which are existing. The proposed water extensions need to be done prior to roadway construction.

16) List any comprehensive planning document recommending this project.

---

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

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

Ranked 9/5/82 SMR

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, sewage, 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: Larry C. Farnen Telephone: 235-8121 Date: 8/25/82
City Manager

2. Municipality Represented: City of Homer

3. Name of Project: Cooper Subdivision Sewer Line

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

5. Type of Project: Water Sewage X Solid Waste

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

The Cooper Subdivision sewer line plans call for construction of a 10" main collector line, extending from Aspen Lane, and an 8" residential line within the subdivision. (See accompanying map for exact location.) Design work has been completed for the project.

Cooper Subdivision sewer line was identified as a sewer line extension in the City of Homer's 1977 Comprehensive Sewer Plan. Presently, the Subdivision is serviced by city water, and the proposed sewer service would be consistent with the City's 1978 Comprehensive Plan goal which states that whenever feasible, water and sewer service be phased concurrently.

6. Described Need For Project:

This sewer line extension has been given highest priority by the City due to health and safety concerns. Soils in the subdivision are poorly drained soils of silty sediments underlain by firm slowly permeable clay materials. Septic tanks and drain fields do not function efficiently in these soils and pollution of ground and surface water occur where they are used. The residents in the subdivision have expressed their concern that the high concentration of development in the subdivision is contaminating the surface and ground water.

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

Construction of this sewer extension would eliminate the ground and surface water contamination presently occurring because of ineffective septic systems in the subdivision and high density of existing houses.

8. Existing population directly benefitting from this project:

There are approximately 20 homes presently constructed in the subdivision. The estimated population directly benefitting from this project is 52, 20 x 2.61 (persons per household).

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: 100%

b. Industrial:

c. Fire Protection:

11. Project Schedule:

a. Date Design to be Initiated: Completed

b. Date Design to be Completed: Completed

c. Anticipated Date of Construction Start: FY 82/83

d. Anticipated Date of Construction Completion: FY 83/84

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

a. Local Contribution/Source: City of Homer/L.I.D.

b. Federal Grant:

c. State Revenues: (List)

d. ADEC Grant: 50%

e. Other:

13. Total Estimated Grant Request: $285,000

14. Total Estimated Project Cost: $570,000

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:

This sewer line extension was identified in the City of Homer's 1977 Comprehensive Sewer Plan. The project is recommended in the draft Capital Improvements Plan of the 1982 Comprehensive Development Plan.

17. Is this project necessary to complete an overall project for which earlier phases have already been constructed: Yes No XX

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

Ranked
9/5/82
EMK

Department of
Environmental Conservation

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, sewage, 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: Larry C. Farnen Telephone: 235-8121 Date: 8/25/82
City Manager

2. Municipality Represented: City of Homer

3. Name of Project: Mattox Water and Sewer Line

4. Local priority of this project compared to other questionnaires submitted by the municipality: #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, sewage, or solid waste services, as appropriate; or adequacy of existing facilities to increased demand as a result of this project).

The Mattox Street water and sewer line construction project requires the construction of an 8 inch sewer line and a 10 inch water line extending from East End Road the entire length of Mattox Street, approximately 5,000 linear feet. (See accompanying maps for the approximate location.)

6. Describe Need for Project:

The construction of this improvement would be consistent with the current and proposed land use plans which encourages growth near the central city. The 1977 Comprehensive Water Plan lists this improvement as a priority project.

Soils in the area are poorly drained silt underlain by slowly permeable clay material. Septic tanks and drainage fields do not operate effectively in this soil and with increased density levels, this area is subject to surface water and ground water contamination.

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

Surface and ground water contamination will be eliminated by the sewer line improvement.

8. Existing population directly benefitting from this project:

There are presently about 15 homes along Mattox street with an estimated population of 39 persons, 15 x 2.61 (persons per household).

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: 100%

b. Industrial:

c. Fire Protection:

11. Project Schedule:

a. Date Design to be Initiated: FY 82/83

b. Date Design to be Completed: FY 82/83

c. Anticipated Date of Construction Start: FY 82/83

d. Anticipated Date of Construction Completion: FY 83/84

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

a. Local Contribution/Source: City of Homer/L.I.D.

b. Federal Grant:

c. State Revenues: (List)

d. ADEC Grant: 50%

e. Other:

13. Total Estimated Grant Request: $62,500

14. Total Estimated Project Cost: $125,000

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:

This water and sewer line extension was identified as a priority project in the 1977 Comprehensive Water and Sewer Plans.

17. Is this project necessary to complete an overall project for which earlier phases have already been constructed: Yes No XX

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

Ranked 9/5/82 EMK

Dick Marcum

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ENVIRONMENT[illegible]

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 ELSIE M. O'BRYAN Telephone 892-6869 Date 5/28/82

2) Municipality Represented: CITY OF HOUSTON

3) Name of Project: HOUSTON SANITARY LANDFILL AND HOUSTON SEPTAGE DISPOSAL FACILITY

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

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):

LANDFILL: 20 YR LIFE. LANDFILL CLOSED 10/81 AS FULL. WATER TABLES AND PLANS BY POLYDYNE ENGINEERING OF WASILLA. LOCATION NEAR OLD LANDFILL

SEPTAGE: NEAR BIG LAKE RD & MEADOW CREEK. NO SEPTAGE ACCEPTING FACILITIES IN MAT-SU BORO. NOW, JOINT PROJECT WITH BOROUGH. CRW ENGINEERING GROUP OF ANCHORAGE HAS WATER, SOIL AND OTHER DATA.

6) Describe Need for Project LANDFILL: TEMPORILY ON CONTRACT WITH BOROUGH. HOUSTON'S 600-700 PEOPLE PLACING STRAIN ON THEIR BIG LAKE LANDFILL.

SEPTAGE CRITICAL NEED

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

8) Existing population directly benefiting from this project:

LANDFILL : 600-700 SEPTAGE 20,000 - 21,050.

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 LANDFILL 100 / SEPTAGE 98 %

b) Industrial LANDFILL 0 . SEPTAGE 2 %

c) Fire Protection ____ %

11) Project Schedule:

a) Date Design to be Initiated: 1981 ~~IN PROGRESS (LANDFILL)~~

b) Date Design to be Completed: NOW DONE

c) Anticipated Date of Construction Start: FALL 1982

d) Anticipated Date of Construction Completion: FALL 1983

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

a) Local Contribution/Source: LOCAL (LANDFILL) $60,000 ~~STATE~~ SEPTAGE $20,000

b) Federal Grant: N/A

c) State Revenues: (List) LEGIS. GRANT (LANDFILL) $20.000 . SEPTAGE $580,000.

d) ADEC Grant: UNK.

e) Other: _____ Already funded $295,00

13) Total Estimated Grant Request: LANDFILL $70,000. SEPTAGE UNK

14) Total Estimated Project Cost: LANDFILL $140,000. SEPTAGE $600,000.

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

CONTACT. POLYDYNE ENG. AND CRW ENG.

16) List any comprehensive planning document recommending this project.

HOUSTON COMP. PLAN, 1982 MAT-SU BOROUGH

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

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

DESIGN AND FEASIBILITY (BOTH)

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1) Your Name Holden and Associates Telephone 586-2710 Date 8/26/82

2) Municipality Represented: Hydaburg

3) Name of Project: Hydaburg Water and Sewer Upgrade

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):

This project will fund additional planning and feasibility studies as well as the design and construction of the first phase of the Hydaburg water and sewer upgrade. Phase 1 will include: 1) a planning study and design of a water/power source, a water/sewer distribution system, and a sewage treatment facility; 2) approximately five miles of access road to the new water source, and; 3) necessary earthwork and pipeline to the new water source.

6) Describe Need for Project Hydaburgs present water source is both unsafe for eight months of the year and inadequate to meet even existing needs of residents and commercial enterprises (fishing, mining and timber and other businesses).

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

The poor quality and inadequate supply of Hydaburg's water system as well as the obvious fire hazards makes this project a necessity.

8) Existing population directly benefiting from this project:

As of July, 1981, Hydaburg's population was 356 (Community and Regional Affairs)

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: Fire protection and public safety.

10) Category of Beneficial Use: Percentage of Users Benefitting

a) Residential/Commercial 75 %

b) Industrial 75 %

c) Fire Protection 100 %

11) Project Schedule:

a) Date Design to be Initiated: 9/1/82

b) Date Design to be Completed: 7/1/83

c) Anticipated Date of Construction Start: 7/1/83

d) Anticipated Date of Construction Completion: 9/1/84 (Phase 1)

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

a) Local Contribution/Source:

b) Federal Grant:

c) State Revenues: (List) 50% anticipated Legislative funding

d) ADEC Grant: 50%

e) Other:

13) Total Estimated Grant Request: $2,250,000

14) Total Estimated Project Cost: $4,500,000

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

Hydaburg road and city street paving to be completed simultaniously with water and sewer project.

16) List any comprehensive planning document recommending this project.

Previous Federal studies show need, and an up-dated comprehensive plan is now inpreparation.

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.

An engineering firm has been retained and has begun the preliminary study required by this project. The Legislature appropriated $125,000 for this purpose.

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1) Your Name Arlen B. Clark

Telephone 586-3300, Ext. 277 Date August 10, 1982

2) Municipality Represented: City and Borough of Juneau

3) Name of Project: Salmon Creek Connection

4) Local priority of this project compared to other questionnaires submitted by the municipality # 7

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):

Construct 16" D.I.P. transmission line from existing water line to AEL&P penstock, complete with chlorine system reservoir.

6) Describe Need for Project: Provide alternate supply source for City water system.