Alaska Clean Water Fund

STATE WASTEWATER LOAN PROGRAM

INTENDED USE PLAN
FINAL

FFY 04 Grant Allotment
Fiscal Year 2005

Submitted to the U.S. Environmental Protection Agency
by
Alaska Department of Environmental Conservation
Division of Water
July 2004

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PROGRAM OVERVIEW

The purpose of the Alaska Clean Water Fund (ACWF) is to make low interest loans available to Alaskan municipalities and other qualified entities for financing wastewater and water quality related projects.

Loans can finance up to 100 percent of a project's eligible costs for planning, design and construction of publicly owned facilities. In addition, loans can serve as local match for the Alaska Department of Environmental Conservation (ADEC) Municipal Water, Sewer and Solid Waste Matching Grants Program or most other federal or state funding sources.

A range of projects and associated costs are eligible for funding under the ADEC loan programs, as described in Title 18, Chapter 76 of the Alaska Administrative Code.

Examples of Improvements Fundable under ACWF

- Wastewater Treatment Facilities
- Sewer Interceptor and Collection Systems
- Storm Water Collection and Treatment
- Nonpoint Source Prevention and Restoration Projects
- Estuary Enhancement Projects

The ADEC Municipal Grants and Loans Section (MG&L), in the Division of Water, is responsible for administering these loans. The loan program is regulated by the code mentioned above and is audited under the State of Alaska's Single Audit Act. An individual audit of the program is also conducted each year.

The purpose of this Intended Use Plan (IUP) is to describe how ADEC plans to spend the monies of the Alaska Clean Water Fund and how the expenditures meet the goals of the overall program. The funds available for state fiscal year 2005 total $52.1 million dollars.

PROGRAM GOALS

The ADEC administers the Alaska Clean Water Fund, guided by the following long and short term goals:

Long Term

1. Protect public health and the waters of the State by offering financial assistance for the planning, design and construction of eligible projects.
2. Assist local communities as they strive to achieve and maintain statewide compliance with federal and state water quality standards.
3. Facilitate the construction of projects by providing a long term source of financing to assist communities in attaining and maintaining compliance with the Clean Water Act as amended by the Water Quality Act Amendments of 1987, PL 100-4.

Short Term

1. Provide low interest loans of $52.1 million dollars to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Complete the next Capitalization Grant Agreement with the U.S. Environmental Protection Agency for Alaska's FFY 04 Title VI allocation.

LOAN FUND PROCESS

Annually ADEC identifies funding sources, selects projects and distributes the funds to projects according to approved criteria and federal and state regulations.

Funding Sources (As of June 30, 2004)

For this Intended Use Plan, ADEC has several sources of funds available to support the proposed project financing and program administrative costs. The table on the following page summarizes the monies contributed and the commitments and expenditures made since the inception of the program. The difference between the funds available and program commitments is the amount of funds available to use during this grant cycle. The following describes more fully each item in the table:

- The total amount of federal monies granted to the program up until this application cycle is $129,753,862.
- The federal grant request to EPA this year will be for $7,911,900, matched by state funds of $1,582,380.
- State appropriations of $19,807,300 and bond receipts of $6,428,580 were secured earlier.
- Other significant funding sources include investment interest earnings of $18,702,585, principal repayments on loans of $40,367,671 and interest repayments of $16,779,647.
- Investment earnings and principal and interest payments of $11,228,643 are expected to be paid into the Fund during SFY 05.
- The total amount of loan commitments made by the program to date is $186,819,491. This amount accounts for deobligated funds from those projects that have completed construction.
- The program has set aside a total of $5,506,630 to pay for the costs of administering the program.

- Previous bonding and transactions costs totalling $6,476,718 include administrative, bond sale and interest costs resulting from the sale of bonds that were incurred in previous years.
- The bonding and transaction costs to be paid are anticipated administrative, bond sale and interest costs that will result from the sale of bonds later in the current year. A total of $1,594,380 in these costs has been committed.

A total of $52.1 million dollars will be available upon award of the federal fiscal year 2004 grant. The $52.1 million will be used to fund projects listed on the ACWF Funding Priority List for Point Source projects (Appendix Ia) and NonPoint Source projects (Appendix Ic).

Alaska Clean Water Fund		
Funding Sources:		
Federal Grants		$ 129,753,862
FFY 04 Federal Allocation		7,911,900
FFY 04 State Match Appropriation Bond Receipts		1,582,380
State Match - General Funds		19,807,300
State Match - Bond Proceeds		6,428,580
Investment Interest		18,702,585
Repayment		
Loan Principal	40,367,671	
Loan Interest	16,779,647	57,147,318
Projected 2005 Repayments and Investment Earnings		11,228,643
Funds Available		**$ 252,562,568**
Program Commitments:		
Loan Commitments (net of deobligations)		$ 186,819,491
Administrative Set-Aside		5,506,630
Previous Bonding and Transaction Costs		6,476,718
Bonding and Transaction Costs to Be Paid		1,594,380
Total Program Commitments		**$ 200,397,219**
Net Amount Available for Loans		**$ 52,165,349**

Selection of Projects

1. Identification of Priority Projects

On March 6, 2004 questionnaires were sent to each eligible Alaskan municipality and borough. The purpose of the questionnaires was to collect information about public wastewater and nonpoint source projects which the communities wished to have considered for loan funding.

Using information from the questionnaires, several groups within ADEC worked together to evaluate the projects. Appendix IIa and IIb document the criteria used to assess the projects. Those criteria addressed these topics:

Point Souce Priority Criteria Summary

- Public Health
- Water Quality
- Receiving Water Usage
- Project Continuity
- Readiness to Proceed
- Ability to Repay

NonPoint Source Priority Criteria Summary

- Prevention
- Restoration
- Stewardship
- Project Continuity
- Funding Coordination

These assessments integrate the various water quality demands and needs of the State, assigning the highest priority to those projects that addressed the greatest public health and/or water quality threats.

After all projects were evaluated, they were ranked according to their scores. Appendix IIIa contains a detailed listing of Point Source projects and scores. Appendix IIIb contains a detailed listing of NonPoint Source projects and scores. Using the project scores from the list, a priority list was prepared which included those projects with the highest rank, limited by the amount of funding expected to be available.

This year 25% of the amount available to loan (approximately $13 million) is earmarked for projects that address nonpoint source water pollution. We received 11 proposals for nonpoint source projects totalling $15,409,485. This is a five percent increase from last year due to higher demand for nonpoint source projects. Subtracting the amount allocated to nonpoint source projects from the total available amount of $52,165,349 leaves $39,124,012 to fund point source projects. Funding down the Point Source priority list to the Anchorage Asplund WWTP Process Improvements project will require $40,040,400, which exceeds the available amount by $916,388. We will fund this project to the level that there are funds available. Funding down the NonPoint Source priority list to the Wrangell Landfill Closure (traditional) project will require $13,651,485, which exceeds the available amount by $610,148. We will fund this project to the level that are are funds available.

2. Public Review and Comments

The draft IUP, including the ranked priority lists, was mailed to all eligible entities and other interested parties on our mailing list. The draft IUP was also placed on our website. A thirty-day public comment period followed with a notice published in a newspaper of statewide coverage, the State of Alaska homepage as well as the Division of Water website. The notice announced the availability of the ACWF draft priority list, criteria system and priority list funding procedures. Comments were solicited during this public notice period. Appendix V is reserved for these comments and responses.

Distribution of Funding

1. Projects to be Funded

Following consideration of all public comments received, ADEC reevaluated the project ranking and prepared a final list of projects. The funding portion of the list (Appendix Ia and Ic) represents those projects, ranked by score, for which funding is expected to be available. The planning portion of the list (Appendix Ib) represents those projects whose rank falls below the funding portion of the list, and for which funding is not expected to be available. Project descriptions for all projects are presented in Appendices VIa and VIb.

2. Project Information

Appendices VIIa and VIIb contain estimated dates for binding loan commitments, construction starts and the initiation of operation for projects anticipated to be funded by this intended use plan and associated loan amounts. Appendices VIIIa and VIIIb show loan amounts associated with binding commitment dates for Point Source and NonPoint Source projects. Appendix IX contains further project information which has been requested by EPA.

3. Disbursements

The original estimated disbursement schedule for Point Source loan projects is presented in Appendix Xa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix Xb. These schedules are based upon target dates for binding commitments, beginning construction and initiating operations contained in Appendices VIIa and VIIb.

4. Federal Payments

Alaska's proposed payment schedule for the FFY 04 grant allotment is shown below. This schedule was developed based on projected needs for project construction and execution of loan agreements.

Proposed Federal Payment Schedule FFY 04 Grant

FFY 05	FFY 05	FFY 05	FFY 05
1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
$1,000,000	$1,000,000	$2,004,900	$3,907,000

Note: The federal payment schedule above was determined as follows:

1. The binding commitment schedule was reviewed. Estimated binding commitment amounts and estimated state administrative payment requests were added together for each federal fiscal year quarter in which they are scheduled to be paid, resulting in a total quarterly cash requirement.
2. The total quarterly cash requirement amounts were multiplied by 83 $^{1}/_{3}$ percent in order to find the federal share of each quarterly binding commitment (in accordance with federal regulation 40 CFR 35.3155 (d)(5)). These numbers are reflected in the federal payment schedule shown above.

5. Bypass of Projects

The federal government provides funding for the ACWF. As one of the conditions of state acceptance of the federal funds, we must agree to execute loan agreements within a certain time. Failure to execute these agreements on time will cause the state to lose some of the funding. If the ACWF would potentially lose federal monies due to an inability to enter into a timely loan, funding will be made available for the next project on the list which is ready to proceed.

If a project on the fundable portion of the list has not turned in a completed loan application package or has not completed the state environmental review process, it may be bypassed for another project on the priority list that is ready to proceed, down to and including planning list projects. If a loan application is not submitted for a project on the fundable portion of the list within four (4) months after being placed on the priority list, the project can be automatically bypassed by a lower scoring project ready to proceed.

If any projects are equal in scoring, the following sequence will be used to differentiate between them:

1. If a project requires an earlier construction date, as a result of a compliance agreement or other legal order from EPA or ADEC, that project will be placed ahead of the others.
2. A project with an earlier anticipated date for submitting a completed application will be moved forward.
3. If a project is already under construction and the environmental review has been completed, that project will be moved ahead.
4. If the projects are from the same city, the city may request that one be placed ahead of the other.
5. The individual scores from each criteria category will be compared until a difference is found. The project with the highest score in the individual category will be placed first.

The criteria system and the priority lists are subject to annual public review and comment. The public review period is announced through individual mailings to communities and public notices through newspapers with statewide circulation.

ADDITIONAL LOAN FUND POLICIES

Assurances

1. Binding Commitments

ADEC will enter into loan agreements for 120 percent of the federal capitalization grant within one year of receipt of each payment from the federal government, as required by federal law.

2. Expeditious and Timely Expenditure

All funds will be expended or obligated in a timely and expeditious manner. First priority for all loans will be to assure compliance with the Clean Water Act as amended by the Water Quality Act of 1987.

3. First Use Requirement

Alaska communities do not appear on the National Municipality Policy Non-Compliance List. Therefore, the "first use" requirement of 40 CFR 35.3135 (e) has been satisfied.

4. Title II Equivalency Compliance

The Clean Water Act and subsequent EPA regulations instituted the CWSRF Loan Program with numerous federal laws and authorities (Appendix X). ADEC requires compliance with these federal laws and authorities on all ACWF loan projects.

5. Environmental Review

All projects receiving Alaska Clean Water Fund loans will be subject to the EPA approved Environmental Review Procedures of the Alaska Clean Water Fund.

Administrative Uses

ADEC is allowed to use up to four percent of the federal grant amount for administrative purposes (40 CFR 35.3120 (g)). In SFY 05, ADEC is requesting $489,100 to be used in administering the program. This request will bring the total administrative funds requested to $5,030,133. As the table below shows, ADEC has not yet requested the allowable amount of $5,506,630 for administering the program. A total of $476,497 is being reserved for future administrative costs.

Calculation of Administrative Reserves
FFY 04 Grant

Federal grant prior to FFY 04	$	129,753,862
FFY 04 request		7,911,900
Total federal grant requested	**$**	**137,665,762**
Allowable administrative amount = 4% of $137,665,762	$	5,506,630
Administrative amount requested prior to SFY 04	$	4,541,033
SFY 05 administrative amount requested		489,100
Total administrative funds requested	**$**	**5,030,133**
Allowable administrative amount		
- Total administrative funds requested		
Amount to be reserved	**$**	**476,497**

ADEC recently amended the SRF regulations to initiate a fee structure that will eventually supplant the use of the four percent administrative set-aside. Under EPA guidance, the fee we collect can only be used for administrative purposes to help manage the program. Effective December 29, 2000, the program has been collecting fees on scheduled repayments. As of June 2004, the program has collected $1,302,369.

Loan Terms

Loans with a contract term of five to 20 years are assessed an effective interest rate of 2.5 percent. Loans with a contract term of one to five years can be assessed an effective interest rate of one percent. Any loan term less than one year is assessed a 0.5 percent finance charge.

Capitalization Requirements

In accordance with Title VI, Section 602(b) of the Clean Water Act as amended by the Water Quality Act of 1987, PL 100-4, Alaska will accept capitalization grants in accordance with a schedule jointly agreed upon by ADEC and EPA.

A required state match equaling 20 percent of the federal capitalization grant ($1,582,380) will be deposited into the fund. Each loan payment made from the fund will follow the EPA rules of proportionality. State monies, which have been deposited into the Alaska Clean Water Fund, will be added to the cumulative EPA Capitalization Grant amounts and then divided by the cumulative State appropriations deposited into the fund to determine the State's proportional share of each loan payment made to a community.

ADEC will provide the required state match from short term bonding this year. By using a short term bonding technique, ADEC uses, as collateral, the interest income of the Fund to acquire bond receipts and save approximately $1.6 million in general funds from the State budget. This process effectively substitutes bond receipts for interest income. ADEC is required to document that sufficient interest income exists in an amount equal to or greater than the proposed bonding amount and that this process will still allow the Fund to grow in perpetuity. ADEC's program audits have documented the availability of the required amount of interest.

CONTENT OF APPENDICES

APPENDIX Ia

ALASKA CLEAN WATER FUND

Point Source Funding Priority List

Appendix Ia

ALASKA CLEAN WATER FUND
Point Source Funding Priority List
Fiscal Year 2005

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Juneau	North Douglas Sewer Expansion, Phase II	610	$ 605,000	$ 605,000
Cordova	Wastewater Collection System Upgrade	525	160,000	$ 765,000
Cordova	Wastewater Treatment Plant, Phase I	525	500,000	$ 1,265,000
Cordova	Wastewater Treatment Plant, Phase II	525	840,000	$ 2,105,000
Cordova	Wastewater Treatment Plant, Phase III	525	806,000	$ 2,911,000
Anchorage	Old Glenn Highway Interceptor	520	1,000,000	$ 3,911,000
Ketchikan	Wastewater Collection System Improvements	500	5,500,000	$ 9,411,000
Nome/Nome Joint Utility	Sewer Improvements, Phase II	485	2,000,000	$ 11,411,000
Sitka	Sawmill Creek Road Sewer, Phase II	480	1,000,000	$ 12,411,000
Craig	East Hamilton Drive Lift Station and Force Main Upgrade	475	100,000	$ 12,511,000
Ketchikan Gateway Borough	Gravina Island Sewer Crossing	475	728,000	$ 13,239,000
Juneau	Bayview Subdivision Pressure Sewer Mains and Pump Station	470	1,200,000	$ 14,439,000
Juneau	Bayview Subdivision Sewer System Improvements	470	450,000	$ 14,889,000
Ketchikan Gateway Borough	South Tongass Sewer Services	470	587,500	$ 15,476,500
Valdez	Alpine Woods Subdivision Sewer Improvements	470	7,660,000	$ 23,136,500
Ketchikan Gateway Borough	Forest Park Pump Station and Force Main to Shoup Street	455	684,000	$ 23,820,500
Ketchikan Gateway Borough	Sewer System Master Plan	445	125,000	$ 23,945,500
Ketchikan Gateway Borough	Forest Park WWTP Improvement	440	198,000	$ 24,143,500
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Improvements	440	126,000	$ 24,269,500
North Pole	Badger-Morning Star Area Sewer System	350	732,900	$ 25,002,400
North Pole	Baker/North Star Sewer Collection	350	1,500,000	$ 26,502,400
Sitka	Replace Cove Lift Station	345	175,000	$ 26,677,400
Juneau	WW Hospital Drive Lift Station Replacement	335	500,000	$ 27,177,400
Valdez	Sewer Treatment Plant Ocean Outfall Line	305	1,273,000	$ 28,450,400
Ketchikan Gateway Borough	Forest Park WWTP Disinfection Upgrades	240	81,000	$ 28,531,400
Fairbanks North Star Borough	Solid Waste Landfill Sanitary Sewer	205	1,110,000	$ 29,641,400

Appendix Ia

ALASKA CLEAN WATER FUND
Point Source Funding Priority List
Fiscal Year 2005

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Anchorage	A-4-B (Minnesota/Dowling)	195	$ 900,000	$ 30,541,400
Anchorage	SCADA - Sewer	195	2,000,000	$ 32,541,400
Anchorage	C-2 (A, B)	170	1,700,000	$ 34,241,400
Anchorage	Chester Creek Interceptor	170	1,310,000	$ 35,551,400
Anchorage	Oregon & Lois @ 36th Sewer	170	175,000	$ 35,726,400
Anchorage	Security Improvements - Sewer	170	432,000	$ 36,158,400
Anchorage	Wyoming & Lois @ 36th Sewer	170	175,000	$ 36,333,400
Juneau	WW Third Street Douglas Sewer Line Replacement	170	1,000,000	$ 37,333,400
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	165	707,000	$ 38,040,400
Anchorage	Asplund WWTP Process Improvements	165	2,000,000	$ 40,040,400

APPENDIX Ib

ALASKA CLEAN WATER FUND

Point Source Planning Priority List

Appendix Ib

ALASKA CLEAN WATER FUND
Point Source Planning Priority List
Fiscal Year 2005

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Palmer	Southwest Sanitary Sewer Interceptor	160	2,160,000	$ 42,200,400
Soldotna	Funny River Road Sewer Mainline Extension	155	1,447,000	$ 43,647,400
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	150	243,000	$ 43,890,400
King Cove	Harbor Wastewater Improvements	150	760,000	$ 44,650,400
Anchorage	Sewer District Improvements	150	200,000	$ 44,850,400
Juneau	Juneau-Douglas WW Plant Improvements	150	380,000	$ 45,230,400
Palmer	Sludge Management Project	145	750,000	$ 45,980,400
Unalaska	Jack London Drive Sewer Main	145	43,000	$ 46,023,400
Wasilla	Sewer Improvements, Phase II	145	405,000	$ 46,428,400
Anchorage	Lower Fire Lake Dam Sewer	140	304,000	$ 46,732,400
Juneau	Wastewater Treatment Plant Upgrades	140	490,000	$ 47,222,400
North Pole	WWTP Sludge System Improvements	140	1,260,000	$ 48,482,400
Juneau	Totem Park Sewer Main Replacement	130	350,000	$ 48,832,400
Seward	Forest Acres Sewer Extension	125	190,000	$ 49,022,400
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	125	210,400	$ 49,232,800
Soldotna	Sewer Utilities Master Plan	125	123,000	$ 49,355,800
Unalaska	Nirvana Hill Sewer Main Extension	125	200,000	$ 49,555,800
Homer	Service Sewer Extension	120	4,000,000	$ 53,555,800
Ketchikan Borough	Mt. Point Wastewater Treatment Plant Buildings	120	331,200	$ 53,887,000
Kotzebue	Sludge Handling Equipment	120	350,000	$ 54,237,000
Seward	Airport Sewer System	120	450,000	$ 54,687,000
Soldotna	Riverside Drive Sewer Main	120	537,000	$ 55,224,000
King Cove	Community Sewer System Upgrade	50	100,000	$ 55,324,000
Anchorage	Eagle River WWTF Warm Storage Building	40	432,000	$ 55,756,000
Valdez	City Utilities GIS Mapping	25	385,000	$ 56,141,000

APPENDIX Ic

ALASKA CLEAN WATER FUND

NonPoint Source Priority List

Appendix Ic

ALASKA CLEAN WATER FUND
NonPoint Source Funding Priority List
Fiscal Year 2005

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Wasilla	Vactor Truck (Storm Water)	160	$ 250,000	$ 250,000
Wasilla	Storm Water Pumping	160	271,485	$ 521,485
Matanuska-Susitna Borough	Salted Sand Storage Building	110	296,000	$ 817,485
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	105	8,000,000	$ 8,817,485
Kenai	Maintenance Shop Site Remediation	105	1,000,000	$ 9,817,485
Matanuska-Susitna Borough	Landfill Expansion Project	105	1,287,000	$ 11,104,485
Sitka	Kimsham Landfill Closure	95	1,428,000	$ 12,532,485
Valdez	Small Boat Harbor Bilgewater/Waste Oil	90	165,000	$ 12,697,485
King Cove	Landfill Closure (traditional)	80	100,000	$ 12,797,485
Wrangell	Landfill Closure (traditional)	80	854,000	$ 13,651,485

ALASKA CLEAN WATER FUND
NonPoint Source Planning Priority List
Fiscal Year 2005

Community	Project Title	Score	Amount Requested	Cumulative Amount Requested
Kodiak Island Borough	Landfill Design and Construction	80	2,612,000	$ 15,409,485

APPENDIX IIa

ALASKA CLEAN WATER FUND

Point Source Priority Criteria

Appendix IIa

ALASKA CLEAN WATER FUND
Priority Criteria

Alaska has established the following criteria to prioritize point source wastewater projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria rank point source projects (CWA Sec. 212) by their relative threats to public health and the environment. The results of the most recent 303(d) list priorities will be utilized for identifying important water quality issues.

PUBLIC HEALTH CONSIDERATIONS *(only one)*

	Assigned Points
1) A human disease event exists, documented by a recognized public health authority. Construction of this project will correct the problem.	350
2) Current conditions are severe enough that a disease event can occur, but has not been reported. This project will resolve the problem.	300
3) Conditions are not probable that a disease event will occur. This project will minimize potential future public health problems.	200

WATER QUALITY CONSIDERATIONS *(only one)*

1) This project will correct a documented pollution event in a:	
303 d listed High Priority Water	250
303 d listed Medium Priority Water	240
303 d listed Low Priority Water	230
Non-303 d listed Water	220
2) Current conditions are severe enough that a pollution event can occur, but has not been reported yet. This project will correct the problem in a:	
303 d listed High Priority Water	230
303 d listed Medium Priority Water	220
303 d listed Low Priority Water	210
Non-303 d listed Water	200
3) This project will minimize the potential for future pollution events.	100

	Assigned Points
RECEIVING WATER *(only one)*	
This project addresses adverse impacts to:	
1) Freshwater/Groundwater	
drinking or food processing	10
propagation of fish, shellfish, etc., as a food source	5
water contact recreation	2
2) Marine Water/Estuaries	
propagation of fish, shellfish, etc., as a food source	5
water contact recreation	2
LOCAL INITIATIVE *(only one)*	
1) This project will complete a project that has already begun construction and has completed an environmental review.	50
2) This project has completed the facility planning process.	40
3) Engineering plans have been prepared.	30
4) A feasibility study for this project has been prepared.	20
FUNDING COORDINATION *(only one)*	
1) This project will use other state, federal or local funds.	15
ABILITY TO REPAY *(both possible)*	
1) A viable repayment source has been identified	10
2) Financial instruments, ordinances, agreement, etc., are in place to assure repayment	10
AFFORDABILITY CRITERIA *(only one)*	
1) Loan cost to population benefiting ratio	
a) Cost/population ratio 0 - 400	15
b) Cost/population ratio 401 - 4,000	10
c) Cost/population ratio > 4,001	2

APPENDIX IIb

ALASKA CLEAN WATER FUND

NonPoint Source Priority Criteria

Appendix IIb

ALASKA CLEAN WATER FUND

Priority Criteria for NonPoint Source Projects

Alaska has established the following criteria to prioritize NonPoint Source projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria allow traditional nonpoint water quality projects (CWA Sec. 319) to be considered for funding. These criteria address and rank projects by their relative threats to water quality and local initiative. The results of the most recent 303(d) list priorities will be utilized for identifying water quality issues considered for nonpoint source SRF ranking process.

WATER QUALITY CONSIDERATIONS (only one)	Assigned Points

PREVENTION

This project's main emphasis is prevention of nonpoint source pollution in a:

303 d listed High Priority Water	100
303 d listed Medium Priority Water	90
303 d listed Low Priority Water	80
Non-303 d listed Water	60

RESTORATION

The proposed project's goal is to restore water quality in a water body identified as impaired or polluted in the most recent 303d list. This project implements a TMDL or load allocation or otherwise addresses a water quality problem that has resulted in a water body designed as impaired in a:

303 d listed High Priority Water	70
303 d listed Medium Priority Water	60
303 d listed Low Priority Water	50

STEWARDSHIP

The proposed project will improve or maintain water quality in a:

303 d listed High Priority Water	50
303 d listed Medium Priority Water	40
303 d listed Low Priority Water	30
Non-303 d listed Water	20

LOCAL INITIATIVE CONSIDERATIONS (only one)	Assigned Points
A TMDL, a corrective plan, or a 319 grant application has been approved.	25
A draft TMDL or corrective action plan has been developed, or a draft 319 grant application has been prepared.	20
An environmental review has been performed for the proposed project.	15
A feasibility study that demonstrates the need and costs for the project has been completed.	10
A draft feasibility study has been completed or monitoring for the project has begun	5

FUNDING COORDINATION (both possible)	
This project will utilize other federal or state funds.	10
This project will utilize local funds or local in-kind contributions.	5

NPS STRATEGY IDENTIFIED PRIORITIES (only one)	
Any storm water project.	40
Any petroleum contamination/restoration	30
Any community landfills	20
All other identified in NPSS	10

Appendix IIb

ALASKA CLEAN WATER FUND

Priority Criteria for NonPoint Source Projects

Alaska has established the following criteria to prioritize NonPoint Source projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria allow traditional nonpoint water quality projects (CWA Sec. 319) to be considered for funding. These criteria address and rank projects by their relative threats to water quality and local initiative. The results of the most recent 303(d) list priorities will be utilized for identifying water quality issues considered for nonpoint source SRF ranking process.

WATER QUALITY CONSIDERATIONS (only one)	Assigned Points

PREVENTION

This project's main emphasis is prevention of nonpoint source pollution in a:

303 d listed High Priority Water	100
303 d listed Medium Priority Water	90
303 d listed Low Priority Water	80
Non-303 d listed Water	60

RESTORATION

The proposed project's goal is to restore water quality in a water body identified as impaired or polluted in the most recent 303d list. This project implements a TMDL or load allocation or otherwise addresses a water quality problem that has resulted in a water body designed as impaired in a:

303 d listed High Priority Water	70
303 d listed Medium Priority Water	60
303 d listed Low Priority Water	50

STEWARDSHIP

The proposed project will improve or maintain water quality in a:

303 d listed High Priority Water	50
303 d listed Medium Priority Water	40
303 d listed Low Priority Water	30
Non-303 d listed Water	20

LOCAL INITIATIVE CONSIDERATIONS (only one)	Assigned Points
A TMDL, a corrective plan, or a 319 grant application has been approved.	25
A draft TMDL or corrective action plan has been developed, or a draft 319 grant application has been prepared.	20
An environmental review has been performed for the proposed project.	15
A feasibility study that demonstrates the need and costs for the project has been completed.	10
A draft feasibility study has been completed or monitoring for the project has begun	5

FUNDING COORDINATION (both possible)	
This project will utilize other federal or state funds.	10
This project will utilize local funds or local in-kind contributions.	5

NPS STRATEGY IDENTIFIED PRIORITIES (only one)	
Any storm water project.	40
Any petroleum contamination/restoration	30
Any community landfills	20
All other identified in NPSS	10

APPENDIX IIIa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Appendix IIIa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Fiscal Year 2005

(Sorted by Total Score)

		Water Quality Considerations									
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	**Total Score**
Juneau	North Douglas Sewer Expansion, Phase II	300	220	0	0	10	40	15	10	15	610
Cordova	Wastewater Collection System Upgrade	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase I	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase II	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase III	200	220	0	0	5	50	15	20	15	525
Anchorage	Old Glenn Highway Interceptor	200	220	0	0	10	50	15	10	15	520
Ketchikan	Wastewater Collection System Improvements	200	220	0	0	5	50	15	0	10	500
Nome/Nome Joint Utility	Sewer Improvements, Phase II	200	220	0	0	10	20	15	10	10	485
Sitka	Sawmill Creek Road Sewer, Phase II	200	220	0	0	10	20	15	0	15	480
Craig	East Hamilton Drive Lift Station and Force Main Upgrade	200	220	0	0	5	20	15	0	15	475
Ketchikan Gateway Borough	Gravina Island Sewer Crossing	200	220	0	0	5	20	15	0	15	475
Juneau	Bayview Subdivision Pressure Sewer Mains & Pump Station	200	220	0	0	5	20	0	10	15	470
Juneau	Bayview Subdivision Sewer System Improvements	200	220	0	0	5	20	0	10	15	470
Ketchikan Gateway Borough	South Tongass Sewer Services	200	220	0	0	5	20	15	0	10	470
Valdez	Alpine Woods Subdivision Sewer Improvements	200	220	0	0	10	20	15	0	5	470
Ketchikan Gateway Borough	Forest Park Pump Station and Force Main to Shoup Street	200	220	0	0	5	20	0	0	10	455
Ketchikan Gateway Borough	Sewer System Master Plan	200	220	0	0	10	0	0	0	15	445
Ketchikan Gateway Borough	Forest Park Wastewater Treatment Plant Improvement	200	220	0	0	5	0	0	0	15	440
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Improvements	200	220	0	0	5	0	0	0	15	440
North Pole	Badger-Morning Star Area Sewer System	200	0	0	100	10	20	15	0	5	350
North Pole	Baker/North Star Sewer Collection	200	0	0	100	10	20	15	0	5	350
Sitka	Replace Cove Lift Station	200	0	0	100	10	20	0	0	15	345
Juneau	WW Hospital Drive Lift Station Replacement	200	0	0	100	10	0	0	10	15	335
Valdez	Sewer Treatment Plant Ocean Outfall Line	0	220	0	0	10	50	15	0	10	305
Ketchikan Gateway Borough	Forest Park WTP Disinfection Upgrades	0	220	0	0	5	0	0	0	15	240
Fairbanks North Star Borough	Solid Waste Landfill Sanitary Sewer	0	0	0	100	5	50	15	20	15	205
Anchorage	A-4-B (Minnesota/Dowling)	0	0	0	100	5	50	15	10	15	195
Anchorage	SCADA - Sewer	0	0	0	100	5	50	15	10	15	195
Anchorage	C-2 (A, B)	0	0	0	100	10	20	15	10	15	170
Anchorage	Chester Creek Interceptor	0	0	0	100	10	20	15	10	15	170
Anchorage	Oregon & Lois @ 36th Sewer	0	0	0	100	10	20	15	10	15	170
Anchorage	Security Improvements - Sewer	0	0	0	100	10	20	15	10	15	170
Anchorage	Wyoming & Lois @ 36th Sewer	0	0	0	100	10	20	15	10	15	170
Juneau	WW Third Street Douglas Sewer Line Replacement	0	0	0	100	10	20	15	10	15	170
Anchorage	Asplund WWT Facility Process Improvements	0	0	0	100	5	20	15	10	15	165
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	0	0	0	100	5	20	15	10	15	165

Appendix IIIa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Fiscal Year 2005

(Sorted by Total Score)

		Water Quality Considerations									
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	**Total Score**
Palmer	Southwest Sanitary Sewer Interceptor	0	0	0	100	10	20	15	0	15	160
Soldotna	Funny River Road Sewer Mainline Extension	0	0	0	100	10	30	0	0	15	155
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	0	0	0	100	10	0	15	10	15	150
King Cove	Harbor Wastewater Improvements	0	0	0	100	5	20	15	0	10	150
Anchorage	Sewer District Improvements	0	0	0	100	10	0	15	10	15	150
Juneau	Juneau-Douglas WW Plant Improvements	0	0	0	100	5	20	0	10	15	150
Palmer	Sludge Management Project	0	0	0	100	10	20	0	0	15	145
Unalaska	Jack London Drive Sewer Main	0	0	0	100	10	20	0	0	15	145
Wasilla	Sewer Improvements, Phase II	0	0	0	100	10	20	0	0	15	145
Anchorage	Lower Fire Lake Dam Sewer	0	0	0	100	10	0	15	0	15	140
Juneau	Wastewater Treatment Plant Upgrades	0	0	0	100	5	20	0	0	15	140
North Pole	WWTP Sludge System Improvements	0	0	0	100	10	20	0	0	10	140
Juneau	Totem Park Sewer Main Replacement	0	0	0	100	5			10	15	130
Seward	Forest Acres Sewer Extension	0	0	0	100	10	0	0	0	15	125
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	0	0	0	100	10	0	0	0	15	125
Soldotna	Sewer Utilities Master Plan	0	0	0	100	10	0	0	0	15	125
Unalaska	Nirvana Hill Sewer Main Extension	0	0	0	100	10	0	0	0	15	125
Homer	Service Sewer Extension	0	0	0	100	10	0	0	0	10	120
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Buildings	0	0	0	100	5	0	0	0	15	120
Kotzebue	Sludge Handling Equipment	0	0	0	100	5	0	0	0	15	120
Seward	Airport Sewer System	0	0	0	100	10	0	0	0	10	120
Soldotna	Riverside Drive Sewer Main	0	0	0	100	10	0	0	0	10	120
King Cove	Community Sewer System Upgrade	0	0	0	10	5	20	0	0	15	50
Anchorage	Eagle River WWTF Warm Storage Building	0	0	0	0	10	0	15	0	15	40
Valdez	City Utilities GIS Mapping	0	0	0	0	10	0	0	0	15	25

APPENDIX IIIb

ALASKA CLEAN WATER FUND

Scoring Distribution of
NonPoint Source Projects

Appendix IIIb

ALASKA CLEAN WATER FUND

Scoring Distribution of NonPoint Projects

Fiscal Year 2005

(Sorted by Total Score)

		WATER QUALITY CONSIDERATIONS						
Municipality	Project Title	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	**Total**
Wasilla	Vactor Truck (Storm Water)	100	0	0	10	10	40	160
Wasilla	Storm Water Pumping	100	0	0	10	10	40	160
Matanuska-Susitna Borough	Salted Sand Storage Building	60	0	0	0	10	40	110
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	60	0	0	15	10	20	105
Kenai	Maintenance Shop Site Remediation	60	0	0	10	5	30	105
Matanuska-Susitna Borough	Landfill Expansion Project	60	0	0	10	15	20	105
Sitka	Kimsham Landfill Closure	60	0	0	10	5	20	95
Valdez	Harbor Bilgewater	60	0	0	0	0	30	90
King Cove	Landfill Closure (traditional)	60	0	0	0	0	20	80
Kodiak Island Borough	Landfill Design and Construction	60	0	0	0	0	20	80
Wrangell	Landfill Closure (traditional)	60	0	0	0	0	20	80

APPENDIX IVa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects
(Sorted Alphabetically)

Appendix IVa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Fiscal Year 2005

(Sorted Alphabetically)

		Water Quality Considerations									
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	**Total Score**
Anchorage	A-4-B (Minnesota/Dowling)	0	0	0	100	5	50	15	10	15	195
Anchorage	Asplund WWTF Process Improvements	0	0	0	100	5	20	15	10	15	165
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	0	0	0	100	5	20	15	10	15	165
Anchorage	C-2 (A, B) Sewer Improvements	0	0	0	100	10	20	15	10	15	170
Anchorage	Chester Creek Interceptor	0	0	0	100	10	20	15	10	15	170
Anchorage	Eagle River WWTF Warm Storage Building	0	0	0	0	10	0	15	0	15	40
Anchorage	Lower Fire Lake Dam Sewer	0	0	0	100	10	0	15	0	15	140
Anchorage	Old Glenn Highway Interceptor	200	220	0	0	10	50	15	10	15	520
Anchorage	Oregon & Lois @ 36th Sewer	0	0	0	100	10	20	15	10	15	170
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	0	0	0	100	10	0	15	10	15	150
Anchorage	SCADA - Sewer	0	0	0	100	5	50	15	10	15	195
Anchorage	Security Improvements - Sewer	0	0	0	100	10	20	15	10	15	170
Anchorage	Sewer District Improvements	0	0	0	100	10	0	15	10	15	150
Anchorage	Wyoming & Lois @ 36th Sewer	0	0	0	100	10	20	15	10	15	170
Cordova	Wastewater Collection System Upgrade	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase I	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase II	200	220	0	0	5	50	15	20	15	525
Cordova	Wastewater Treatment Plant, Phase III	200	220	0	0	5	50	15	20	15	525
Craig	East Hamilton Drive Lift Station and Force Main Upgrade	200	220	0	0	5	20	15	0	15	475
Fairbanks North Star Borough	Solid Waste Landfill Sanitary Sewer	0	0	0	100	5	50	15	20	15	205
Homer	Service Sewer Extension	0	0	0	100	10	0	0	0	10	120
Juneau	Bayview Subdivision Pressure Sewer Mains & Pump Station	200	220	0	0	5	20	0	10	15	470
Juneau	Bayview Subdivision Sewer System Improvements	200	220	0	0	5	20	0	10	15	470
Juneau	Juneau-Douglas WW Plant Improvements	0	0	0	100	5	20	0	10	15	150
Juneau	North Douglas Sewer Expansion, Phase II	300	220	0	0	10	40	15	10	15	610
Juneau	Totem Park Sewer Main Replacement	0	0	0	100	5	0	0	10	15	130
Juneau	Wastewater Treatment Plant Upgrades	0	0	0	100	5	20	0	0	15	140
Juneau	WW Hospital Drive Lift Station Replacement	200	0	0	100	10	0	0	10	15	335
Juneau	WW Third Street Douglas Sewer Line Replacement	0	0	0	100	10	20	15	10	15	170
Ketchikan	Wastewater Collection System Improvements	200	220	0	0	5	50	15	0	10	500
Ketchikan Gateway Borough	Forest Park Pump Station and Force Main to Shoup Street	200	220	0	0	5	20	0	0	10	455
Ketchikan Gateway Borough	Forest Park WWTP Disinfection Upgrades	0	220	0	0	5	0	0	0	15	240
Ketchikan Gateway Borough	Forest Park WWTP Improvement	200	220	0	0	5	0	0	0	15	440
Ketchikan Gateway Borough	Gravina Island Sewer Crossing	200	220	0	0	5	20	15	0	15	475
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Buildings	0	0	0	100	5	0	0	0	15	120
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Improvements	200	220	0	0	5	0	0	0	15	440
Ketchikan Gateway Borough	Sewer System Master Plan	200	220	0	0	10	0	0	0	15	445
Ketchikan Gateway Borough	South Tongass Sewer Services	200	220	0	0	5	20	15	0	10	470

Appendix IVa

ALASKA CLEAN WATER FUND

Scoring Distribution of Point Source Projects

Fiscal Year 2005

(Sorted Alphabetically)

			Water Quality Considerations								
		Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	**Total Score**
King Cove	Community Sewer System Upgrade	0	0	0	10	5	20	0	0	15	50
King Cove	Harbor Wastewater Improvements	0	0	0	100	5	20	15	0	10	150
Kotzebue	Sludge Handling Equipment	0	0	0	100	5	0	0	0	15	120
Nome/Nome Joint Utility System	Sewer Improvements, Phase II	200	220	0	0	10	20	15	10	10	485
North Pole	Badger-Morning Star Area Sewer System	200	0	0	100	10	20	15	0	5	350
North Pole	Baker/North Star Sewer Collection	200	0	0	100	10	20	15	0	5	350
North Pole	WWTP Sludge System Improvements	0	0	0	100	10	20	0	0	10	140
Palmer	Sludge Management Project	0	0	0	100	10	20	0	0	15	145
Palmer	Southwest Sanitary Sewer Interceptor	0	0	0	100	10	20	15	0	15	160
Seward	Airport Sewer System	0	0	0	100	10	0	0	0	10	120
Seward	Forest Acres Sewer Extension	0	0	0	100	10	0	0	0	15	125
Sitka	Replace Cove Lift Station	200	0	0	100	10	20	0	0	15	345
Sitka	Sawmill Creek Road Sewer, Phase II	200	220	0	0	10	20	15	0	15	480
Soldotna	Funny River Road Sewer Mainline Extension	0	0	0	100	10	30	0	0	15	155
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	0	0	0	100	10	0	0	0	15	125
Soldotna	Riverside Drive Sewer Main	0	0	0	100	10	0	0	0	10	120
Soldotna	Sewer Utilities Master Plan	0	0	0	100	10	0	0	0	15	125
Unalaska	Jack London Drive Sewer Main	0	0	0	100	10	20	0	0	15	145
Unalaska	Nirvana Hill Sewer Main Extension	0	0	0	100	10	0	0	0	15	125
Valdez	Alpine Woods Subdivision Sewer Improvements	200	220	0	0	10	20	15	0	5	470
Valdez	City Utilities GIS Mapping	0	0	0	0	10	0	0	0	15	25
Valdez	Sewer Treatment Plant Ocean Outfall Line	0	220	0	0	10	50	15	0	10	305
Wasilla	Sewer Improvements, Phase II	0	0	0	100	10	20	0	0	15	145

APPENDIX IVb

ALASKA CLEAN WATER FUND

Scoring Distribution of NonPoint Projects
(Sorted Alphabetically)

Appendix IVb

ALASKA CLEAN WATER FUND

Scoring Distribution of NonPoint Projects

Fiscal Year 2005

(Sorted Alphabetically)

		WATER QUALTY CONSIDERATIONS						
Municipality	Project Title	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	**Total**
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	60	0	0	15	10	20	105
Kenai	Maintenance Shop Site Remediation	60	0	0	10	5	30	105
King Cove	Landfill Closure (traditional)	60	0	0	0	0	20	80
Kodiak Island Borough	Landfill Design and Construction	60	0	0	0	0	20	80
Matanuska-Susitna Borough	Salted Sand Storage Building	60	0	0	0	10	40	110
Matanuska-Susitna Borough	Landfill Expansion Project	60	0	0	10	15	20	105
Sitka	Kimsham Landfill Closure	60	0	0	10	5	20	95
Valdez	Harbor Bilgewater	60	0	0	0	0	30	90
Wasilla	Vactor Truck (Storm Water)	100	0	0	10	10	40	160
Wasilla	Storm Water Pumping	100	0	0	10	10	40	160
Wrangell	Landfill Closure (traditional)	60	0	0	0	0	20	80

APPENDIX V

ALASKA CLEAN WATER FUND

Public Comments

During the public comment period, the department received comments from the Municipality of Anchorage requesting the amount for the Anchorage SCADA Sewer project be reduced from $4,000,000 to $2,000,000. The Municipality also requested that the amount for the Anchorage Asplund Process Improvements project be reduced from $4,200,000 to $2,000,000. In addition to the comments received, we executed two loans with the Municipality of Anchorage. One loan was for the SCADA Sewer project in the amount of $4,000,000 and the second loan was for the Asplund WWTF Process improvements.

This final IUP reflects comments received and the resulting changes.

APPENDIX VIa

ALASKA CLEAN WATER FUND

Point Source Project Descriptions

ALASKA CLEAN WATER FUND

Appendix VIa **Project Descriptions**

Fiscal Year 2005

ANCHORAGE

A-4-B (Minnesota/Dowling)

(Section 212)

This project will help decrease the sewage flow to Chester Creek Pump Station by rerouting the airport sewer from the Fish Creek Trunk to the 78" Interceptor. The interceptor flows by gravity to Point Woronzof WWTF. Use of the gravity sewer is more cost effective than sending the sewage through the pump station. In addition, the trunk will provide new sewer service to those in the affected drainage boundary.

Asplund WWTF Process Improvements

(Section 212)

The Asplund Wastewater Treatment Facility (WWTF) discharges treated wastewater into the marine waters of Knik Arm of the Cook Inlet. This project will rehabilitate and expand the capacity of the existing WWTF to meet the existing needs of the treatment facility. Portions of the existing equipment have reached the end of their useful life. Structural, mechanical, and hydraulic modifications are necessary to maintain existing capacity, handle existing influent inflows and provide the necessary means to handle incoming solids loadings.

C(F) Turnagain Interceptor 30" Sewer Upgrade

(Section 212)

This project will replace approximately 500 LF of 30" pipe that is partially crushed. The pipe is located in the mud flats near the Turnagain Arm. Crushed sewer pipe in the mud flats could potentially contaminate the mud flat area and eventually the inlet. It is crucial to replace the pipe and restore the integrity of the system to eliminate the possibility of contamination.

C-2 (A, B) Sewer Improvements

(Section 212)

This sanitary sewer mainline (corrugated metal pipe) has reached the end of its useful life. Without replacement, public health is at risk from potential exfiltration from the pipe due to loss of integrity.

ANCHORAGE (continued)

Chester Creek Interceptor

(Section 212)

The repair of AWWU Manhole No. 31428-19 is necessary due to the loss of up to 3-inches of mortar on the interior of the manholes. This loss has exposed rebar and if not repaired will result in the collapse of the structure. The primary cause of the deterioration is dilute sulfuric acid dissolving the cement that binds the concrete. The upper portion of the sewer trunk has been identified as being under sized. This could result in overflow of the main until the area has been upgraded.

Eagle River WWTF Warm Storage Building

(Section 212)

This project will provide a warm storage building to house the systems maintenance equipment. It is crucial to have such equipment and vehicles in the Eagle River area in order to speed up emergency response time in the northern communities. The reduction of travel time will decrease the risk of flooding the area with sewer upon a sewer main break, thus reducing the risk of contamination in the area.

Lower Fire Lake Dam Sewer

(Section 212)

The west side of Lower Fire Lake is served entirely by on-site septic systems. This project will allow for future public sewer service for residents along the west side of Lower Fire Lake, which has been requested by many residents in the area. This project would allow residents to abandon on-site septic systems and have the reliability of the public systems.

Old Glenn Highway Interceptor

(Section 212)

This project will install an interceptor to extend the sanitary sewer system to the northern portion of the Municipality, which is now served entirely by on-site septic systems.

ANCHORAGE (continued)

Oregon & Lois @ 36th Sewer
(Section 212)

This project provides for the replacement of sewer pipe that is presently on an accelerated (monthly) cleaning schedule. The frequency of cleaning adds extra maintenance costs, wear on the pipe interior, and if not performed, would result in a plugged pipe, which would create a severe health hazard.

San Ernesto Hoyt-San Antonio Sewer Upgrade
(Section 212)

This project will replace asbestos cement sanitary sewer mainline with ductile iron pipe. The project will be done in conjunction with a watermain replacement project, which will minimize construction time and costs. The aging asbestos cement pipe should be replaced in order to improve the integrity of the system. A break or plug in the aged pipe would be costly and create a definite health hazard.

SCADA - Sewer
(Section 212)

This project will construct a new SCADA facility to improve remote supervision of collection facilities in the Anchorage Bowl, Eagle River and Girdwood service areas. The purpose of remote supervision and control is to assure efficient monitoring of the collection system, thereby reducing potential public health hazards such as uncontrolled overflows at pump stations. Remote supervision of treatment facilities allows AWWU to monitor unattended facilities during off-shift hours. This remote supervision will be used to assure the utility and the public that unattended treatment facilities are properly operating, so any problems identified are corrected before public health hazards arise.

Security Improvements – Sewer
(Section 212)

In accordance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002, AWWU completed a Vulnerability Assessment (VA) and prepared/revised an Emergency Response Plan incorporating the results of the VA. AWWU included its sewer system components with its water system as a proactive measure using the U.S. EPA approved bonding utilities VSAT method of assessment. This project initiates the implementation of the recommendations made in the VA, with respect to the security of AWWU's infrastructure systems and practices.

ANCHORAGE (continued)

Sewer District Improvements

(Section 212)

Improvement districts provide public service to an area that is developed with well and/or septic and wishes to connect to the public mains. Connection to the public mains alleviates the health issues associated with on-site well and septic systems. The project will contain the wastewater, thereby protecting groundwater in the area. This upgrade will prevent possible leaching of wastewater to the groundwater source, thereby preserving water quality and human health.

Wyoming & Lois @ 36th Sewer

(Section 212)

This project provides for the replacement of sewer pipe that is presently on an accelerated (monthly) cleaning schedule. The frequency of cleaning adds extra maintenance costs, wear on the pipe interior, and if not performed, would result in a plugged pipe, which would create a severe health hazard.

CORDOVA

Wastewater Collection System Upgrade

(Section 212)

Cordova is under an EPA Compliance Order to eliminate bypass of the wastewater treatment plant because of high flows to the plant. Repair of the manholes will significantly reduce the amount of storm water inflow to the sewer system. The aging water lines throughout Cordova require city crews to excavate, repair the line, and patch the streets. Danger of cross-connection and contamination of water supply exists.

Wastewater Treatment Plant Upgrade Project – Phase I/II/ III

(Section 212)

The existing wastewater treatment plant, a package activated sludge plant, operates hydraulically over capacity during high flow events and must be bypassed occasionally. This project is necessary to meet the City's NPDES permit and EPA Compliance Docket No. 10-98-002-CWA/A. The City's efforts to control bypass events will not only satisfy the regulatory requirements for the treatment plant but will also ensure that the public health and fisheries in the Cordova area are protected per EPA regulations.

CRAIG

East Hamilton Drive Lift Station and Force Main Upgrade
(Section 212)

The East Hamilton Drive pump station is grossly undersized for the volume of wastewater it is expected to pump. The station frequently fails, causing raw sewage to flow into the station's emergency over flow culvert and out into Port Bagial. As with any release of untreated sewage, the potential exists for human and animal health problems.

FAIRBANKS NORTH STAR BOROUGH

Solid Waste Landfill Sanitary Sewer
(Section 212)

This project will connect the landfill to an existing municipal sewer lift station. The project will collect wastewater from three landfill facilities (main office, household hazardous waste collection, and heavy equipment maintenance) as well as leachate generated from the lined landfill expansion cell constructed in 1999. Presently the main office disposes of wastewater on-site via an aging septic tank and leachfield. This system does not meet current ADEC disposal regulations and has reached the end of its useful life.

HOMER

Sewer Service Extension
(Section 212)

This project will extend sanitary sewer into areas not currently served, and will allow existing on-site septic systems to be abandoned. The poor soils and a high groundwater table in the project area make on-site septic systems unreliable, and failing systems can threaten existing private wells.

JUNEAU

Bayview Subdivision Pressure Sewer Mains and Pump Station
(Section 212)

This project will design and construct a new sanitary sewer pressure main and pump station to connect Bayview Subdivision on North Douglas Island with the Mendenhall Wastewater Treatment Plant. The existing individual on-site treatment systems and common sewer collection and marine outfall design for the Bayview Subdivision is no longer able to meet the new water quality standards for the Gastineau Channel receiving waters.

JUNEAU (continued)

Bayview Subdivision Sewer System Improvements

(Section 212)

The Bayview sewer system was designed as a private utility composed of individual on-site treatment plants with a common sewer collection system and marine outfall into Gastineau Channel. New ADEC disposal permit requirements will require higher removal criteria for TSS, BOD and disinfection for fecal coliform. This project will provide disinfection for the combined treated sanitary sewer effluent. This project will also extend the marine outfall.

Juneau-Douglas WW Plant Improvements

(Section 212)

The aging secondary clarifiers at the J-D plant have had minimal maintenance since start-up. This project will address structural conditions and coatings, inlet baffle modifications, baffling below the discharge and scum removal improvements. The original digester aerator is outdated and inadequate for proper performance. The aerator (mixer) is unable to keep "suspended solids" in suspension or to provide adequate oxygen to the biomass in the digester resulting in the buildup of material in the tank which comprises both tank available volume and solids detention time to the detriment of the overall process.

North Douglas Sewer Expansion, Phase II

(Section 212)

There are numerous incidents of roadside contamination with fecal coliform bacteria in the area of this sewer expansion originating from failing wastewater treatment and disposal systems. The highest concentration of contamination extends from the end of Phase I work to the vicinity of a local business area.

Totem Park Sewer Main Replacement

(Section 212)

This project will replace the current sewer system which was installed in early 1960 and is now failing due to flat grades and root intrusion. The original plan is an asbestos cement material. A majority of the collection mains are located in the backyards of developed homes and are essentially inaccessible to the Utility for repairs. The new sewer collection system will be located within the public right-of-way and new service laterals will be required for the majority of the homes.

JUNEAU (continued)

Wastewater Treatment Plant Upgrades
(Section 212)

This project will provide for disinfection improvements, incinerator shell repairs, facility plan upgrade and digester building structural repairs.

Wastewater Hospital Drive Lift Station Replacement

(Section 212)

This project will replace the current wastewater lift station which is 30 years old and too small to accommodate the population growth in the area.

WW Third Street Douglas Sewer Line Replacement
(Section 212)

The Douglas Third Street sewer lines are old and becoming inadequate to accommodate the area population. This project will replace the sewer lines in conjunction with replacement of water lines from Crow Hill to St. Ann's Avenue.

KETCHIKAN

Wastewater Collection System Improvements

(Section 212)

This project will eliminate infiltration/inflow and exfiltration in the City's wastewater collection system.

KETCHIKAN GATEWAY BOROUGH

Forest Park Pump Station and Force Main to Shoup Street
(Section 212)

The proposed project will eliminate the Forest Park wastewater treatment by pumping the sewage to the more modern and efficient Mountain Point wastewater treatment plant. This will allow for future growth and reduced operations costs.

KETCHIKAN GATEWAY BOROUGH (continued)

Forest Park Wastewater Treatment Plant Disinfection Upgrades
(Section 212)

The proposed modifications will upgrade the chlorination disinfection system to a UV disinfection system. Under the current design, trace amounts of chlorine will discharge into Tongass Narrows. The UV disinfection will eliminate this discharge.

Forest Park Wastewater Treatment Plant Improvement
(Section 212)

This project will correct inflow/infiltration into the sewage collection system. The plant is currently experiencing flows which exceed the design capacity. Proposed modifications will decrease infiltration, increase operation efficiency and provide disinfection of effluent.

Gravina Island Sewer Crossing
(Section 212)

The existing wastewater treatment plant is undersized and there have been numerous discharge violations in the last several years. The proposed project will eliminate the operation of the plant and greatly decrease potential threats to public health.

Mt. Point Wastewater Treatment Plant Buildings
(Section 212)

The current plant is open and the neighborhood has experienced odor problems. The existing mechanical screen is currently uncovered and subject to freezing causing disruption of the screen operation.

Mt. Point Wastewater Treatment Plant Improvements
(Section 212)

The proposed modifications will add disinfection of the treated effluent, which discharges into Tongass Narrows. The new disinfection will eliminate the discharge violations of the past year.

KETCHIKAN GATEWAY BOROUGH (continued)

Sewer System Master Plan

(Section 212)

There are several local areas along South Tongass Highway that are currently without sewer services. Herring Cove currently provides untreated water to over 20 houses, North Tongass Highway has one Borough operated public sewer collection system, however there are numerous private collection systems and hundreds of on-site treatment systems. The on-site treatment systems are prone to failure and without certified maintenance personnel the systems are rarely maintained.

South Tongass Sewer Services

(Section 212)

A sewer line currently under construction is under-funded. All of the sewer services and three pump stations will not be installed until further funds are available. Many of the current properties discharge untreated wastewater directly into Tongass Narrows.

KING COVE

Community Sewer System Upgrade

(Section 212)

This project will provide minor hydraulic system upgrades for the existing collection system and outfall. The existing system is "bottlenecked" at several points and needs to be corrected to avert potential health threats.

Harbor Wastewater System

(Section 212)

This project follows the City's 2003 Waterfront Utilities Plan to collect wastewater from the harbor areas as well as other locations in the city. This project will install 2,180 feet of eight inch ductile iron gravity main line, 3,750 feet of six inch ductile iron force main, eleven manholes and one lift station. Waste will be pumped to the existing central community system, pretreated and then pumped to the existing outfalls for discharge.

KOTZEBUE

Sludge Handling Equipment
(Section 212)

The new sewage lagoon will eliminate the pumping into the Kotzebue Sound and the equipment will support the project.

NOME/NOME JOINT UTILITY SYSTEM

Sewer Improvements, Phase II
(Section 212)

The project will upgrade and replace a 20 year old direct bury sewer distribution and collection system and install new segments. The existing lines in the area are constricting causing a reduction in flow, sinking or heaving resulting in reverse grade and separation.

NORTH POLE

Badger-Morning Star Area Sewer System
(Section 212)

This project will extend the City's wastewater collection system to serve both the residential properties within Morning Star Subdivision and the commercial businesses in the Badger Road area. The project will mitigate the effects of the failing on-site septic/leachfield wastewater disposal systems currently in use.

Baker/North Star Sewer Collection
(Section 212)

This project will extend the City's sewage collection system to serve approximately 120 single family residences within Baker and North Star subdivisions. Currently, all existing development within these subdivisions relies upon on-site wastewater disposal systems, with many of these systems failing. These failing on-site wastewater disposal systems could create the potential for health hazards within these subdivisions.

NORTH POLE (continued)

Wastewater Treatment Plant (WWTP) Sludge Management Project

(Section 212)

This project will remove and dispose of sludge from Cell #1 of the City's aerated lagoon wastewater treatment facility. The removal of this sludge will reduce the potential for noncompliance of the effluent in meeting the EPA discharge permit requirements for this facility.

PALMER

Sludge Management Project

(Section 212)

This project will provide for effective management of three lagoons and enhance the quality of effluent to the receiving body. Also, the project will provide a lined drying bed for sewage sludge.

Southwest Sanitary Sewer Interceptor

(Section 212)

This project will provide the basis of a public sanitary sewer utility to serve an area of approximately 12 square miles and the selected location of a new 70 bed regional hospital. This utility will correct existing conflicts between on-site utilities and eliminate future conflicts.

SEWARD

Airport Sewer Extension

(Section 212)

This project will extend a sanitary sewer out to the airport and provide users in the area with wastewater services that are not currently available. This expansion will eliminate the need for septic tanks and port-a-potty services at the airport, and enable additional customers to connect to the City's wastewater collection system.

Forest Acres Sewer Extension

(Section 212)

This project will enable the City to capture (collect) and treat residential sewage from the area being developed. This will avoid possible contamination of the City's primary (and only) source of drinking water. This project will also minimize any possible surface contamination that could be caused by failed septic systems.

SITKA

Replace Cove Lift Station
(Section 212)

The Cove Lift Station (LS), the northern most LS in the system, experiences frequent failures. At times these failures have resulted in sewage backing up into homes and on the ground out of manholes. This situation has obvious potential public health implications.

Sawmill Creek Road Sewer, Phase II
(Section 212)

This project will extend the municipal sewer collection system from its current end at Jamestown Bay Hill to Whale Park. These developed areas are not currently served by the municipal system. There has been documented fecal coliform contamination in surface waters most notably along Blueberry Lane.

SOLDOTNA

Funny River Road Sewer Mainline Extensions
(Section 212)

Construction of this sewer main will provide service to residences, commercial establishments and properties along Funny River Road which are currently served by on-site wells and septic systems. Some of this area is known for high groundwater and is very near the Kenai River. By replacing existing septic systems with connects to the City's system, a potential source of contamination will be eliminated. This will help protect the quality of the Kenai River and soils in the entire area.

Kalifornsky Beach Road Sewer Mainline Extensions
(Section 212)

This project will extend the existing sewer main on Kalifornsky Beach Road from Soldotna Sports Center to the intersection of Kalifornsky Beach Road and Endicott Drive. This project will include the installation of one lift station.

Riverside Drive Sewer Main
(Section 212)

This project will increase the 8" sewer line with 16" and extend the underground storm drain.

SOLDOTNA (continued)

Sewer Utilities Master Plan

(Section 212)

This project will identify capital improvements needed to protect the citizens of Soldotna against any disease event that could arise from malfunctioning sewer mainlines. Both the city and the general public will benefit from this project in ways such as improved groundwater quality from elimination of on-site septic systems and preventive maintenance suggestions resulting in system reliability.

UNALASKA

Jack London Drive Sewer Main

(Section 212)

Jack London Drive is not currently served by city sewer. The project would result in significant environmental and health benefits by preventing contamination to drinking water and exposure to raw sewage.

Nirvana Hill Sewer Main Extension

(Section 212)

Extending sewer service to Nirvana Hill will provide a safe, sanitary means of disposing wastes that may threaten both human health and environmental quality.

VALDEZ

Alpine Woods Subdivision Sewer Improvements

(Section 212)

This subdivision is not served by City sewer utilities; therefore, any failed residential septic systems could have a major impact on the adjacent wells and streams that braid through the subdivision. This project will plan, design and construct an upgrade to reduce the threat to groundwater.

GIS Mapping/Service Locations

(Section 212)

This project will allow better management of the wastewater infrastructure.

VALDEZ (continued)

Ocean Outfall

(Section 212)

This project will hard pipe the existing 2,500 foot outfall from its original ditch, which has been recently classified as an anadromous stream, to ocean discharge. The outfall discharges all of the City's treated effluent. A diffuser will dissipate the flow. Prompt construction of this project is required to comply with the current NPDES permit schedule developed in coordination with other state and federal agencies.

WASILLA

Sewer Improvements, Phase II

(Section 212)

This project will extend sewer service along Church Road South. This sewer main will provide sewer service to areas that did not have service. Without public sewer utility service, rapid development will result in an ever-increasing number of on-site septic systems. A large majority of the City's residents rely upon private groundwater wells for their water supply. Also, the City's water utility relies on having safe groundwater for its customers. The risk of groundwater contamination increases as more and more septic systems are installed.

APPENDIX VIb

ALASKA CLEAN WATER FUND

NonPoint Source Project Descriptions

Appendix VIb **ALASKA CLEAN WATER FUND**

NonPoint Project Descriptions

Fiscal Year 2005

FAIRBANKS NORTH STAR BOROUGH

South Cushman Landfill Expansion - Cell 3

(Section 319)

This project represents the next phase (Cell 3 of 9) of a multi-phase landfill expansion project. Cell 1 was completed and has accepted solid waste since October 1999. Cell 2 construction will be completed by the fall of 2004 and then will be ready to accept solid waste. Both cell areas are complete with liner and leachate collection systems that have allowed the Borough to stop placing the majority of its solid waste in the old unlined landfill. Cell 3 will also be constructed with a liner and leachate collection system that will continue to provide a disposal outlet for the Borough's solid waste. The entire landfill expansion project continues to provide protection and prevents further contamination of the groundwater. The old landfill allowed infiltration of leachate into the groundwater resulting in its contamination.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Designing and constructing new cells at the Borough landfill will prevent leachate from contaminating surface and groundwater.

KENAI

Maintenance Shop Groundwater Remediation

(Section 319)

This project will develop and execute a remediation plan for a petroleum contaminated site adjacent to the Kenai River.

How this project implements Alaska's Nonpoint Source Strategy: Petroleum Contamination of soils is identified in various parts of Alaska's NPS Strategy as a common problem (pp. 12). This project will lead to the cleanup of a contaminated site located adjacent to the Kenai River, arguably the most important and potentially threatened river in Alaska.

KING COVE

Landfill Closure (traditional)

(Section 319)

This project will close King Cove's existing landfill with a two-foot impermeable cap. Surface storm water drainage will be routed away from the landfill.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Closing the existing King Cove Landfill in compliance with a DEC approved closure plan will prevent contamination of surrounding surface and groundwater from leachate percolation (pp. 29 – item UR-A10).

KODIAK ISLAND BOROUGH

Landfill Design and Construction

(Section 319)

The project will provide for the design and construction of a leachate collection and treatment system in a new lined landfill cell. The cell will be lined with GCL (geosynthetic clay liner) and 80-mil HPDE (high density polyethylene) liner. Installation of a leachate collection and treatment system will prevent leachate from entering the area's ground and surface waters.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Designing and constructing a new landfill will prevent leachate from contaminating surface and groundwater.

MATANUSKA-SUSITNA BOROUGH

Landfill Expansion Project

(Section 319)

The Borough landfill expansion program, Phases IV, V and VI incorporate projects at the Big Lake Transfer Station, Central Landfill and Butte Transfer Station. The groundwater has been impacted by the unlined landfill at all three sites. As a result of these impacts, the borough has implemented a phase capital construction and landfill management program to prevent further impact to the underlying groundwater.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Designing and constructing a new landfill will prevent leachate from contaminating surface and groundwater.

MATANUSKA-SUSITNA BOROUGH (continued)

Salted Sand Storage Building

(Section 319)

Three monitoring wells at the Borough landfill, MW-11, MW-12 and MW-16 in recent samples statistically exceeded background concentrations. The proposed building should prevent future runoff and help restore calcium levels to statistically acceptable quantities.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved Alaska NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Designing and constructing the salted sand storage building will prevent leachate from contaminating surface and groundwater.

SITKA

Kimsham Landfill Closure

(Section 319)

The proposed project includes permitting, design and construction of the Kimsham closure plan. Kimsham landfill is a class II landfill under state permit no. 9912-BA002. A leachate collection system is in place and leachate is ultimately treated at the wastewater treatment plant (WWTP). The leachate impact on the WWTP is excessive during storm events. A major component of the Kimsham closure plan and design will revolve around providing an appropriate cap with adequate drainage.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Closing the existing King Cove Landfill in compliance with a DEC approved closure plan will prevent contamination of surrounding surface and groundwater from leachate percolation (pp. 29 – item UR-A10).

VALDEZ

Small Boat Harbor BilgeWater/Waste Oil

(Section 319)

Currently bilgewater treatment equipment is located four miles from the Harbor. This project would locate equipment at the harbor for ready access. Improving access to fishermen will encourage collection of this hazardous waste.

How this project implements Alaska's Nonpoint Source Strategy: Oil and Bilge Waste in Harbors are identified as a significant source of nonpoint pollution in Alaska's Strategy (pp. 45). This project will involve Valdez in these hazardous waste collection efforts (pp. 48 – item HM-8).

WASILLA

Storm Water Pumping

(Section 319)

This project will construct the City's first closed storm drain system, replacing failing drywells under city streets. This project will capture a portion of Parks Highway runoff that is entering Lake Lucille. Lake Lucille is listed as an impaired water body. This project will use constructed wetlands for storm water treatment.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies as a priority community water quality enhancement projects that allow adequate and proper treatment of stormwater runoff (pp. 28). This project will allow adequate treatment of stormwater runoff.

Vactor Truck

(Section 319)

The city's new storm water pumping and treatment facility will require a higher level of maintenance in order to protect water quality. A new vactor truck will help prevent adverse impacts to groundwater.

How this project implements Alaska's Nonpoint Source Strategy: Alaska's Strategy identifies as a priority community water quality enhancement projects that allow adequate and proper treatment of stormwater runoff (pp. 28). This project will allow adequate maintenance of the new stormwater pumping system.

WRANGELL

Landfill Closure (Traditional)

(Section 319)

This project will implement Wrangell's approved DEC landfill closure plan.

How this project implements Alaska's Nonpoint Source Strategy: The EPA approved NPS Strategy declares that prevention is the main focus of Alaska's Strategy (pp. 22). Closing the existing Wrangell Landfill in compliance with a DEC approved closure plan will prevent contamination of surrounding surface and groundwater from leachate percolation (pp. 29 – item UR-A10).

APPENDIX VIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments
Point Source Projects

(Estimated Construction and Operation Dates)

Appendix VIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

(Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
Ketchikan Gateway Borough	Forest Park Pump Station and Force Main to Shoup Street	8/04	9/04	8/05
Juneau	North Douglas Sewer Expansion, Phase II	9/04	11/04	10/05
Cordova	Wastewater Collection System Upgrade	9/04	9/04	8/05
Ketchikan Gateway Borough	Sewer System Master Plan	9/04	n/a	n/a
Ketchikan Gateway Borough	South Tongass Sewer Services	9/04	10/04	8/05
Sitka	Replace Cove Lift Station	9/04	10/04	3/05
Cordova	Wastewater Treatment Plant Upgrade, Phase I	9/04	10/04	8/05
Anchorage	Old Glenn Highway interceptor	9/04	10/04	1/06
Craig	East Hamilton Drive Lift Station and Force Main Upgrade	10/04	2/05	5/06
Ketchikan Gateway Borough	Forest Park WWTP Improvement	10/04	2/05	8/06
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Improvements	10/04	12/04	6/05
North Pole	Baker/North Star Sewer Collection	10/04	6/05	7/06
Cordova	Wastewater Treatment Plant Upgrade, Phase II	11/04	2/05	11/06
Juneau	Bayview Subdivision Pressure Sewer Mains and Pump Station	12/04	3/05	7/06
North Pole	Badger-Morning Star Area Sewer System	12/04	6/05	7/06
Cordova	Wastewater Treatment Plant, Phase III	2/05	4/05	11/06
Juneau	Bayview Subdivision Sewer System Improvements	2/05	4/05	11/06
Juneau	WW Hospital Drive Lift Station Replacement	2/05	4/05	8/06
Ketchikan	Wastewater Collection System Improvements	2/05	6/05	9/06
Ketchikan Gateway Borough	Gravina Island Sewer Crossing	2/05	3/05	8/06
Sitka	Sawmill Creek Road Sewer, Phase II	3/05	4/05	7/06
Valdez	Alpine Woods Subdivision Sewer Improvements	3/05	5/05	8/06
Nome/Nome Joint Utility System	Sewer Improvements, Phase II	3/05	4/05	7/06
Ketchikan Gateway Borough	Forest Park WWTP Disinfection Upgrades	3/05	5/05	6/06
Valdez	Sewer Treatment Plant Ocean Outfall	3/05	4/05	6/06
Fairbanks North Star Borough	Solid Waste Landfill Sanitary Sewer	3/05	4/05	8/06
Wasilla	Sewer Improvements, Phase II	3/05	4/05	8/06
Anchorage	Security Improvements - Sewer	4/05	5/05	9/06
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	4/05	5/05	6/06
Kotzebue	Sludge Handling Equipment	4/05	n/a	n/a
Juneau	Totem Park Sewer Main Replacement	4/05	4/05	6/06
Juneau	Wastewater Treatment Plant Upgrades	4/05	5/05	7/06
North Pole	WWTP Sludge System Improvements	4/05	5/05	9/06
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	4/05	4/05	7/06
Anchorage	Wyoming and Lois @ 36th Sewer	4/05	4/05	11/06
Anchorage	Lower Fire Lake Dam Sewer	4/05	5/05	7/06

Appendix VIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

(Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
King Cove	Harbor Wastewater Improvements	4/05	5/05	6/06
Anchorage	Oregon and Lois @ 36th Sewer	4/05	6/05	8/06
Juneau	WW Third Street Douglas Sewer Line Replacement	4/05	5/05	8/06
Palmer	Sludge Management Project	4/05	5/05	9/06
Soldotna	Riverside Drive Sewer Main	4/05	6/05	8/06
Soldotna	Sewer Utilities Master Plan	4/05	n/a	n/a
Unalaska	Nirvana Hill Sewer Main Extension	10/04	5/05	8/06
Anchorage	Sewer District Improvements	5/05	7/05	7/06
Palmer	Southwest Sanitary Sewer Interceptor	5/05	5/05	6/06
Soldotna	Funny River Road Sewer Mainline Extensions	5/05	6/05	10/06
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Buildings	5/05	6/05	5/06
Juneau	Juneau-Douglas WW Plant Improvements	5/05	6/05	8/06
Seward	Airport Sewer System	5/05	6/05	8/06
Anchorage	C-2 (A, B) Sewer Improvements	6/05	6/05	7/06
Anchorage	Asplund WWTF Process Improvements	6/05	6/05	10/06
Seward	Forest Acres Sewer Extension	6/05	6/05	10/06
Homer	Sewer Service Extension	6/05	7/05	6/06
Unalaska	Jack London Drive Sewer Main	6/05	6/05	5/06
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	6/05	6/05	10/05
Anchorage	SCADA - Sewer	6/05	7/05	6/06
Anchorage	A-4-B (Minnesota/Dowling)	7/05	7/05	9/04
Anchorage	Chester Creek Interceptor	7/05	7/05	9/05
King Cove	Community Sewer System Upgrade	7/05	9/05	11/06
Anchorage	Eagle River WWTF Warm Storage Building	8/05	8/05	10/06
Valdez	GIS Mapping/Service Locations	8/05	9/05	8/06

APPENDIX VIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments
NonPoint Source Projects
(Estimated Construction and Operation Dates)

Appendix VIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

Non-Point Projects

(Estimated Construction and Operation Dates)

Community	Project Title	Binding Commitment	Construction Start	Initiation of Operation
Wasilla	Vactor Truck (Storm Water)	8/04	9/04	5/05
Wasilla	Storm Water Pumping	8/04	9/04	5/05
Matanuska-Susitna Borough	Salted Sand Storage Building	10/04	5/05	9/05
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	10/04	6/05	10/06
Kenai	Maintenance Shop Site Remediation	3/05	6/05	10/05
Matanuska-Susitna Borough	Landfill Expansion Project	10/04	6/05	11/05
Sitka	Kimsham Landfill Closure	12/04	3/05	10/05
Valdez	Harbor Bilgewater	12/04	6/05	10/05
King Cove	Landfill Closure (traditional)	10/04	6/05	9/05
Kodiak Island Borough	Landfill Design and Construction	5/05	6/06	10/07
Wrangell	Landfill Closure (traditional)	10/04	3/05	10/05

APPENDIX VIIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments
for Point Source Projects
(including Loan Amounts)

Appendix VIIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

(All Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Ketchikan Gateway Borough	Forest Park Pump Station and Force Main to Shoup Street	8/04	$ 684,000	$ 684,000
Cordova	Wastewater Collection System Upgrade	9/04	160,000	$ 844,000
Cordova	Wastewater Treatment Plant Upgrade, Phase I	9/04	500,000	$ 1,344,000
Juneau	North Douglas Sewer Expansion, Phase II	9/04	605,000	$ 1,949,000
Ketchikan Gateway Borough	Sewer System Master Plan	9/04	125,000	$ 2,074,000
Ketchikan Gateway Borough	South Tongass Sewer Services	9/04	587,500	$ 2,661,500
Sitka	Replace Cove Lift Station	9/04	175,000	$ 2,836,500
Anchorage	Old Glenn Highway interceptor	9/04	1,000,000	$ 3,836,500
Craig	East Hamilton Drive Lift Station and Force Main Upgrade	10/04	100,000	$ 3,936,500
Ketchikan Gateway Borough	Forest Park WWTP Improvement	10/04	198,000	$ 4,134,500
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Improvements	10/04	126,000	$ 4,260,500
North Pole	Baker/North Star Sewer Collection	10/04	1,500,000	$ 5,760,500
Unalaska	Nirvana Hill Sewer Main Extension	10/04	200,000	$ 5,960,500
Cordova	Wastewater Treatment Plant Upgrade, Phase II	11/04	840,000	$ 6,800,500
Juneau	Bayview Subdivision Pressure Sewer Mains and Pump Station	12/04	1,200,000	$ 8,000,500
North Pole	Badger-Morning Star Area Sewer System	12/04	732,900	$ 8,733,400
Cordova	Wastewater Treatment Plant, Phase III	2/05	806,000	$ 9,539,400
Juneau	Bayview Subdivision Sewer System Improvements	2/05	450,000	$ 9,989,400
Juneau	WW Hospital Drive Lift Station Replacement	2/05	500,000	$ 10,489,400
Ketchikan	Wastewater Collection System Improvements	2/05	5,500,000	$ 15,989,400
Ketchikan Gateway Borough	Gravina Island Sewer Crossing	2/05	728,000	$ 16,717,400
Fairbanks North Star Borough	Solid Waste Landfill Sanitary Sewer	3/05	1,110,000	$ 17,827,400
Ketchikan Gateway Borough	Forest Park WWTP Disinfection Upgrades	3/05	81,000	$ 17,908,400
Nome/Nome Joint Utility System	Sewer Improvements, Phase II	3/05	2,000,000	$ 19,908,400
Sitka	Sawmill Creek Road Sewer, Phase II	3/05	1,000,000	$ 20,908,400
Valdez	Alpine Woods Subdivision Sewer Improvements	3/05	7,660,000	$ 28,568,400
Valdez	Sewer Treatment Plant Ocean Outfall	3/05	1,273,000	$ 29,841,400
Wasilla	Sewer Improvements, Phase II	3/05	405,000	$ 30,246,400
Anchorage	Oregon and Lois @ 36th Sewer	4/05	175,000	$ 30,421,400
Anchorage	Security Improvements - Sewer	4/05	432,000	$ 30,853,400
Juneau	WW Third Street Douglas Sewer Line Replacement	4/05	1,000,000	$ 31,853,400
Palmer	Sludge Management Project	4/05	750,000	$ 32,603,400
Soldotna	Riverside Drive Sewer Main	4/05	537,000	$ 33,140,400
Soldotna	Sewer Utilities Master Plan	4/05	123,000	$ 33,263,400

Appendix VIIIa

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

(All Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	4/05	$ 707,000	$ 33,970,400
Kotzebue	Sludge Handling Equipment	4/05	350,000	$ 34,320,400
Juneau	Totem Park Sewer Main Replacement	4/05	350,000	$ 34,670,400
Anchorage	Lower Fire Lake Dam Sewer	4/05	304,000	$ 34,974,400
King Cove	Harbor Wastewater Improvements	4/05	760,000	$ 35,734,400
Juneau	Wastewater Treatment Plant Upgrades	4/05	490,000	$ 36,224,400
North Pole	WWTP Sludge System Improvements	4/05	1,260,000	$ 37,484,400
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	4/05	243,000	$ 37,727,400
Anchorage	Wyoming and Lois @ 36th Sewer	4/05	175,000	$ 37,902,400
Anchorage	Sewer District Improvements	5/05	200,000	$ 38,102,400
Juneau	Juneau-Douglas WW Plant Improvements	5/05	380,000	$ 38,482,400
Palmer	Southwest Sanitary Sewer Interceptor	5/05	2,160,000	$ 40,642,400
Seward	Airport Sewer System	5/05	450,000	$ 41,092,400
Soldotna	Funny River Road Sewer Mainline Extensions	5/05	1,447,000	$ 42,539,400
Ketchikan Gateway Borough	Mt. Point Wastewater Treatment Plant Buildings	5/05	331,200	$ 42,870,600
Anchorage	SCADA - Sewer	6/05	2,000,000	$ 44,870,600
Homer	Sewer Service Extension	6/05	4,000,000	$ 48,870,600
Anchorage	C-2 (A, B) Sewer Improvements	6/05	1,700,000	$ 50,570,600
Anchorage	Asplund WWTF Process Improvements	6/05	2,000,000	$ 52,570,600
Seward	Forest Acres Sewer Extension	6/05	190,000	$ 52,760,600
Unalaska	Jack London Drive Sewer Main	6/05	43,000	$ 52,803,600
Soldotna	Kalifornsky Beach Road Sewer Mainline Extensions	6/05	210,400	$ 53,014,000
Anchorage	A-4-B (Minnesota/Dowling)	7/05	900,000	$ 53,914,000
Anchorage	Chester Creek Interceptor	7/05	1,310,000	$ 55,224,000
King Cove	Community Sewer System Upgrade	7/05	100,000	$ 55,324,000
Anchorage	Eagle River WWTF Warm Storage Building	8/05	432,000	$ 55,756,000
Valdez	GIS Mapping/Service Locations	8/05	385,000	$ 56,141,000

APPENDIX VIIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

NonPoint Source Projects

(including Loan Amounts)

Appendix VIIIb

ALASKA CLEAN WATER FUND

Schedule of Binding Commitments

(All Non-Point Projects Including Loan Amounts)

Community	Project Title	Binding Commitment	Amount Requested	Cumulative Amount Requested
Wasilla	Vactor Truck (Storm Water)	8/04	$ 250,000	$ 250,000
Wasilla	Storm Water Pumping	8/04	271,485	$ 521,485
Matanuska-Susitna Borough	Salted Sand Storage Building	10/04	296,000	$ 817,485
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	10/04	8,000,000	$ 8,817,485
Kenai	Maintenance Shop Site Remediation	3/05	1,000,000	$ 9,817,485
Matanuska-Susitna Borough	Landfill Expansion Project	10/04	1,287,000	$ 11,104,485
Sitka	Kimsham Landfill Closure	12/04	1,428,000	$ 12,532,485
Valdez	Small Boat Harbor Bilgewater/Waste Oil	12/04	165,000	$ 12,697,485
King Cove	Landfill Closure (traditional)	10/04	100,000	$ 12,797,485
Kodiak Island Borough	Landfill Design and Construction	5/05	2,612,000	$ 15,409,485
Wrangell	Landfill Closure (traditional)	9/04	854,000	$ 16,263,485

APPENDIX IX

ALASKA CLEAN WATER FUND

Project Specific Information

Appendix IX

ALASKA CLEAN WATER FUND
Project Specific Information

	NPDES or State Permit Number	EPA Project Scope	Needs Category
Anchorage Asplund WWTF Process Improvements	AK-0022551	Design & Construct	I
Anchorage A-4-B (Minnesota/Dowling)	AK-0022551	Design & Construct	IV(a)
Anchorage C(F) Turnagain Int. 30" Sewer Upgrade	AK-0022551	Design & Construct	III(b)
Anchorage C-2 (A, B) Sewer Improvements	AK-0022551	Design & Construct	III(b)
Anchorage Chester Creek Interceptor	AK-0022551	Design & Construct	III(b)
Anchorage Eagle River WWTF Warm Storage Building	AK-002254-3	Design & Construct	I
Anchorage Lower Fire Lake Dam Sewer	AK-002254-3	Design & Construct	IV(a)
Anchorage Old Glenn Highway Interceptor	AK-002254-3	Design & Construct	IV(b)
Anchorage Oregon and Lois @ 36th Sewer	AK-0022551	Design & Construct	III(b)
Anchorage San Ernesto Hoyt-San Antonio Sewer Upgrade	AK-0022551	Design & Construct	III(b)
Anchorage SCADA Sewer	AK-0022551	Design & Construct	I
Anchorage Security Improvements - Sewer	AK-0022551	Design & Construct	I
Anchorage Sewer District Improvements	AK-0022551	Design & Construct	IV(a)
Anchorage Wyoming and Lois @ 36th Sewer	AK-0022551	Design & Construct	II
Cordova Wastewater Collection System Upgrade	AK-0021547	Construction	III(a)
Cordova Wastewater Treatment Plant, Phase I	AK-0021547	Construction	II
Cordova Wastewater Treatment Plant, Phase II	AK-0021547	Construction	V
Cordova Wastewater Treatment Plant, Phase III	AK-0021547	Construction	V
Craig East Hamilton Drive Lift Station and Force Main Upgrade	N/A	Design & Construct	IV(b)
Fairbanks North Star Borough Solid Waste Landfill Sanitary Sewer	N/A	Design & Construct	IV(a)
Homer Sewer Service Extension	AK-0021245	Design & Construct	IV(a)
Juneau Bayview Subdivision Pressure Sewer Mains and Pump Station	AK-0023213	Design & Construct	IV(a)
Juneau Bayview Subdivision Sewer System Improvements	AK-0023213	Design & Construct	IV(a)
Juneau Juneau-Douglas WW Plant Improvements	AK-0023213	Construction	I
Juneau North Douglas Sewer Expansion, Phase II	AK-0023213	Design & Construct	IV(b)
Juneau Totem Park Sewer Main Replacement	AK-0023213	Design & Construct	III(b)
Juneau Wastewater Improvements	AK-0022951	Design & Construct	I
Juneau WW Hospital Drive Lift Station Replacement	AK-0022951	Design & Construct	III(b)
Juneau WW Third Street Douglas Sewer Line Replacement	AK-0023213	Design & Construct	
Ketchikan Wastewater Collection System Improvements	AK-0022144	Design & Construct	III(b)
Ketchikan Borough Forest Park Pump Station and Force Main to Shoup Street	0113-DB001	Design & Construct	IV(a)
Ketchikan Borough Forest Park WWTP Disinfection Upgrades	0113-DB001	Design & Construct	I
Ketchikan Borough Forest Park Wastewater Treatment Plant Improvement	0113-DB001	Design & Construct	I
Ketchikan Borough Gravina Island Sewer Crossing	0213-DB001	Design & Construct	I
Ketchikan Borough Mt. Point Wastewater Treatment Plant Buildings	0013-DB068	Design & Construct	I
Ketchikan Borough Mt. Point Wastewater Treatment Plant Improvements	0013-DB068	Design & Construct	I
Ketchikan Gateway Borough Sewer System Master Plan	N/A	Design & Construct	I
Ketchikan Gateway Borough South Tongass Sewer Services	0013-DB068	Design & Construct	IV(b)
King Cove Sewer System Upgrade	AK-0044334	Design & Construct	III(b)
King Cove Harbor Wastewater System	AK-0044334	Design & Construct	III(b)
Kotzebue Sludge Handling Equipment	0032-DB039	Design & Construct	IV(a)
Nome/Nome Joint Utility System Sewer Improvements, Phase II	AK-00262759	Design & Construct	III(b)

Appendix IX

ALASKA CLEAN WATER FUND
Project Specific Information

	NPDES or State Permit Number	EPA Project Scope	Needs Category
North Pole Badger-Morning Star Area Sewer System	AK-0021393	Design & Construct	III(b)
North Pole Baker/North Star Sewer Collection	AK-0021393	Design & Construct	III(b)
North Pole WWTP Sludge System Improvements	AK-0021393	Design & Construct	I
Palmer Sludge Management Project	AK-002249-7	Design & Construct	I
Palmer Southwest Sanitary Sewer Interceptor	AK-002249-7	Design & Construct	IV(b)
Seward Airport Sewer Extension	AK-002189-0	Design & Construct	IV(a)
Seward Forest Acres Sewer Extension	AK-002189-0	Design & Construct	IV(a)
Sitka Replace Cove Lift Station	AK-0021474	Design & Construct	IV(a)
Sitka Sawmill Creek Road Sewer, Phase II	AK-0021474	Design & Construct	IV(a)
Soldotna Funny River Road Sewer Mainline Extension	AK-0020036	Design & Construct	IV(a)
Soldotna Kalifornsky Beach Road Sewer Mainline Extension	AK-0020036	Design & Construct	IV(a)
Soldotna Riverside Drive Sewer Main	AK-0020036	Design & Construct	IV(a)
Soldotna Utilities Master Plan	AK-0020036	Planning	III(b)
Unalaska Jack London Drive Sewer Main	AK-0043451	Design & Construct	IV(a)
Unalaska Nirvana Hill Sewer Main Extension	AK-0043452	Design & Construct	IV(a)
Valdez Alpine Woods Subdivision Sewer Improvements	AK-0021431	Design & Construct	IV(a)
Valdez City Utilities GIS Mapping	AK-0021431	Planning	III(b)
Valdez Sewer Treatment Plant Ocean Outfall Line	AK-0021431	Design & Construct	IV(a)
Wasilla Sewer Improvements, Phase II	N/A	Design & Construct	IV(a)

APPENDIX Xa

ALASKA CLEAN WATER FUND

Estimated Disbursement Schedule
for Point Source Projects

Appendix Xa

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule

			FFY05 1st Qtr	FFY05 2nd Qtr	FFY05 3rd Qtr	FFY05 4th Qtr	FFY06 1st Qtr	FFY06 2nd Qtr	FFY06 3rd Qtr	FFY06 4th Qtr
ADEC	Administrative Costs	$ 489,100	$ 24,455	$ 48,910	$ 73,365	$ 97,820	$ 24,455	$ 48,910	$ 73,365	$ 97,820
Ketchikan Borough	Forest Park Pump Station and Force Main	$ 683,400	$ 34,170	$ 68,340	$ 102,510	$ 136,680	$ 34,170	$ 68,340	$ 102,510	$ 136,680
Cordova	Wastewater Collection System Upgrade	$ 160,000	$ 8,000	$ 16,000	$ 24,000	$ 32,000	$ 8,000	$ 16,000	$ 24,000	$ 32,000
Cordova	WWTP Upgrade Project, Phase I	$ 500,000	$ 25,000	$ 50,000	$ 75,000	$ 100,000	$ 25,000	$ 50,000	$ 75,000	$ 100,000
Juneau	North Douglas Sewer Expansion, Phase II	$ 605,000	$ 30,250	$ 60,500	$ 90,750	$ 121,000	$ 30,250	$ 60,500	$ 90,750	$ 121,000
Ketchikan Borough	Sewer System Master Plan	$ 125,000	$ 6,250	$ 12,500	$ 18,750	$ 25,000	$ 6,250	$ 12,500	$ 18,750	$ 25,000
Ketchikan Borough	South Tongass Sewer Services	$ 587,500	$ 29,375	$ 58,750	$ 88,125	$ 117,500	$ 29,375	$ 58,750	$ 88,125	$ 117,500
Sitka	Replace Cove Lift Station	$ 175,000	$ 8,750	$ 17,500	$ 26,250	$ 35,000	$ 8,750	$ 17,500	$ 26,250	$ 35,000
Anchorage	Old Glenn Highway interceptor	$ 1,000,000	$ 50,000	$ 100,000	$ 150,000	$ 200,000	$ 50,000	$ 100,000	$ 150,000	$ 200,000
Craig	East Hamilton Drive Lift Station Upgrade	$ 100,000	$ 5,000	$ 10,000	$ 15,000	$ 20,000	$ 5,000	$ 10,000	$ 15,000	$ 20,000
Ketchikan Borough	Forest Park WWTP Improvement	$ 198,000	$ 9,900	$ 19,800	$ 29,700	$ 39,600	$ 9,900	$ 19,800	$ 29,700	$ 39,600
Ketchikan Borough	Mt. Point WWTP Improvements	$ 126,000	$ 6,300	$ 12,600	$ 18,900	$ 25,200	$ 6,300	$ 12,600	$ 18,900	$ 25,200
North Pole	Baker/North Star Sewer Collection	$ 1,500,000		$ 150,000	$ 225,000	$ 300,000	$ 75,000	$ 150,000	$ 225,000	$ 300,000
Unalaska	Nirvana Hill Sewer Main Extension	$ 200,000		$ 20,000	$ 30,000	$ 40,000	$ 10,000	$ 20,000	$ 30,000	$ 40,000
Cordova	WWTP Upgrade Project, Phase II	$ 840,000		$ 84,000	$ 126,000	$ 168,000	$ 42,000	$ 84,000	$ 126,000	$ 168,000
Juneau	Bayview Subdivision Pressure Sewer Mains	$ 1,200,000		$ 120,000	$ 180,000	$ 240,000	$ 60,000	$ 120,000	$ 180,000	$ 240,000
North Pole	Badger-Morning Star Area Sewer System	$ 732,900		$ 73,290	$ 109,935	$ 146,580	$ 36,645	$ 73,290	$ 109,935	$ 146,580
Cordova	WWTP Upgrade Project, Phase III	$ 805,860		$ 80,586	$ 120,879	$ 161,172	$ 40,293	$ 80,586	$ 120,879	$ 161,172
Juneau	Bayview Sub. Sewer System Improvements	$ 450,000		$ 45,000	$ 67,500	$ 90,000	$ 22,500	$ 45,000	$ 67,500	$ 90,000
Juneau	WW Hospital Drive Lift Station Replacement	$ 500,000		$ 50,000	$ 75,000	$ 100,000	$ 25,000	$ 50,000	$ 75,000	$ 100,000
Ketchikan	Wastewater Collection System Improvements	$ 5,500,000		$ 550,000	$ 825,000	$ 1,100,000	$ 275,000	$ 550,000	$ 825,000	$ 1,100,000
Ketchikan Borough	Gravina Island Sewer Crossing	$ 728,000		$ 72,800	$ 109,200	$ 145,600	$ 36,400	$ 72,800	$ 109,200	$ 145,600
Fairbanks Borough	Solid Waste Landfill Sanitary Sewer	$ 1,110,050		$ 111,005	$ 166,508	$ 222,010	$ 55,503	$ 111,005	$ 166,508	$ 222,010
Ketchikan Borough	Forest Park WWTP Disinfection Upgrades	$ 81,000		$ 8,100	$ 12,150	$ 16,200	$ 4,050	$ 8,100	$ 12,150	$ 16,200
Nome/Nome Joint Utility	Sewer Improvements, Phase II	$ 2,000,000		$ 200,000	$ 300,000	$ 400,000	$ 100,000	$ 200,000	$ 300,000	$ 400,000
Sitka	Sawmill Creek Road Sewer, Phase II	$ 1,000,000		$ 100,000	$ 150,000	$ 200,000	$ 50,000	$ 100,000	$ 150,000	$ 200,000
Valdez	Alpine Woods Sub. Sewer Improvements	$ 7,660,000		$ 766,000	$ 1,149,000	$ 1,532,000	$ 383,000	$ 766,000	$ 1,149,000	$ 1,532,000
Valdez	Ocean Outfall	$ 1,273,000		$ 127,300	$ 190,950	$ 254,600	$ 63,650	$ 127,300	$ 190,950	$ 254,600
Wasilla	Sewer Improvements, Phase II	$ 405,000		$ 40,500	$ 60,750	$ 81,000	$ 20,250	$ 40,500	$ 60,750	$ 81,000
Anchorage	Oregon and Lois @ 36th Sewer	$ 175,000			$ 26,250	$ 35,000	$ 8,750	$ 17,500	$ 26,250	$ 35,000
Anchorage	Security Improvements - Sewer	$ 432,000			$ 64,800	$ 86,400	$ 21,600	$ 43,200	$ 64,800	$ 86,400
Juneau	Third Street Douglas Sewer Line Replacement	$ 1,000,000			$ 150,000	$ 200,000	$ 50,000	$ 100,000	$ 150,000	$ 200,000
Palmer	Sludge Management Project	$ 750,000			$ 112,500	$ 150,000	$ 37,500	$ 75,000	$ 112,500	$ 150,000
Soldotna	Riverside Drive Sewer Main	$ 537,000			$ 80,550	$ 107,400	$ 26,850	$ 53,700	$ 80,550	$ 107,400
Soldotna	Sewer Utilities Master Plan	$ 123,000			$ 18,450	$ 24,600	$ 6,150	$ 12,300	$ 18,450	$ 24,600
Anchorage	C(F) Turnagain Int. 30" Sewer Upgrade	$ 707,000			$ 106,050	$ 141,400	$ 35,350	$ 70,700	$ 106,050	$ 141,400
Kotzebue	Sludge Handling Equipment	$ 350,000			$ 52,500	$ 70,000	$ 17,500	$ 35,000	$ 52,500	$ 70,000
Juneau	Totem Park Sewer Main Replacement	$ 350,000			$ 52,500	$ 70,000	$ 17,500	$ 35,000	$ 52,500	$ 70,000
Anchorage	Lower Fire Lake Dam Sewer	$ 304,000			$ 45,600	$ 60,800	$ 15,200	$ 30,400	$ 45,600	$ 60,800

Appendix Xa

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule

			FFY05 1st Qtr	FFY05 2nd Qtr	FFY05 3rd Qtr	FFY05 4th Qtr	FFY06 1st Qtr	FFY06 2nd Qtr	FFY06 3rd Qtr	FFY06 4th Qtr
Juneau	Wastewater Treatment Plant Upgrades	$ 490,000			$ 73,500	$ 98,000	$ 24,500	$ 49,000	$ 73,500	$ 98,000
North Pole	WWTP Sludge System Improvements	$ 1,260,000			$ 189,000	$ 252,000	$ 63,000	$ 126,000	$ 189,000	$ 252,000
Anchorage	San Ernesto Hoyt-San Antonio Sewer Upgrade	$ 243,000			$ 36,450	$ 48,600	$ 12,150	$ 24,300	$ 36,450	$ 48,600
Anchorage	Wyoming and Lois @ 36th Sewer	$ 175,000			$ 26,250	$ 35,000	$ 8,750	$ 17,500	$ 26,250	$ 35,000
Anchorage	Sewer District Improvements	$ 200,000			$ 30,000	$ 40,000	$ 10,000	$ 20,000	$ 30,000	$ 40,000
Juneau	Juneau-Douglas WW Plant Improvements	$ 380,000			$ 57,000	$ 76,000	$ 19,000	$ 38,000	$ 57,000	$ 76,000
Palmer	Southwest Sanitary Sewer Interceptor	$ 2,160,000			$ 324,000	$ 432,000	$ 108,000	$ 216,000	$ 324,000	$ 432,000
Seward	Airport Sewer System	$ 450,000			$ 67,500	$ 90,000	$ 22,500	$ 45,000	$ 67,500	$ 90,000
Soldotna	Funny River Road Sewer Mainline Extensions	$ 1,447,000			$ 217,050	$ 289,400	$ 72,350	$ 144,700	$ 217,050	$ 289,400
Ketchikan Borough	Mt. Point WWTP Buildings	$ 331,200			$ 49,680	$ 66,240	$ 16,560	$ 33,120	$ 49,680	$ 66,240
Anchorage	SCADA Sewer	$ 2,000,000			$ 300,000	$ 400,000	$ 100,000	$ 200,000	$ 300,000	$ 400,000
Homer	Sewer Service Extension	$ 4,000,000			$ 600,000	$ 800,000	$ 200,000	$ 400,000	$ 600,000	$ 800,000
Anchorage	C-2 (A, B) Sewer Improvements	$ 1,700,000			$ 255,000	$ 340,000	$ 85,000	$ 170,000	$ 255,000	$ 340,000
Anchorage	Asplund WWTF Process Improvements	$ 2,000,000			$ 300,000	$ 400,000	$ 100,000	$ 200,000	$ 300,000	$ 400,000
Seward	Forest Acres Sewer Extension	$ 190,000			$ 28,500	$ 38,000	$ 9,500	$ 19,000	$ 28,500	$ 38,000
Unalaska	Jack London Drive Sewer Main	$ 43,000			$ 6,450	$ 8,600	$ 2,150	$ 4,300	$ 6,450	$ 8,600
Soldotna	Kalifornsky Beach Road Sewer	$ 210,400			$ 31,560	$ 42,080	$ 10,520	$ 21,040	$ 31,560	$ 42,080
Anchorage	A-4-B (Minnesota/Dowling)	$ 900,000			$ 135,000	$ 180,000	$ 45,000	$ 90,000	$ 135,000	$ 180,000
Anchorage	Chester Creek Interceptor	$ 1,310,000			$ 196,500	$ 262,000	$ 65,500	$ 131,000	$ 196,500	$ 262,000
King Cove	Community Sewer System Upgrade	$ 100,000				$ 20,000	$ 5,000	$ 10,000	$ 15,000	$ 20,000
Anchorage	Eagle River WWTF Warm Storage Building	$ 432,000				$ 86,400	$ 21,600	$ 43,200	$ 64,800	$ 86,400
Valdez	City Utilities GIS Mapping	$ 385,000				$ 77,000	$ 19,250	$ 38,500	$ 57,750	$ 77,000
King Cove	Harbor Wastewater Improvements	$ 760,000				$ 152,000	$ 38,000	$ 76,000	$ 114,000	$ 152,000

APPENDIX Xb

ALASKA CLEAN WATER FUND

Estimated Disbursement Schedule
for NonPoint Source Projects

Appendix Xb

ALASKA CLEAN WATER FUND

Estimated Disbursement Schedule for NonPoint Projects

			FFY05 1st Qtr	FFY05 2nd Qtr	FFY05 3rd Qtr	FFY05 4th Qtr	FFY06 1st Qtr	FFY06 2nd Qtr	FFY06 3rd Qtr	FFY06 4th Qtr
Wasilla	Vactor Truck (Storm Water)	$ 250,000	$ 12,500	$ 25,000	$ 37,500	$ 50,000	$ 12,500	$ 25,000	$ 37,500	$ 50,000
Wasilla	Storm Water Pumping	$ 271,485	$ 13,574	$ 27,149	$ 40,723	$ 54,297	$ 13,574	$ 27,149	$ 40,723	$ 54,297
Wrangell	Landfill Closure (traditional)	$ 854,000	$ 42,700	$ 85,400	$ 128,100	$ 170,800	$ 42,700	$ 85,400	$ 128,100	$ 170,800
King Cove	Landfill Closure (traditional)	$ 100,000	$ 5,000	$ 10,000	$ 15,000	$ 20,000	$ 5,000	$ 10,000	$ 15,000	$ 20,000
Valdez	Small Boat Harbor Bilgewater/Waste Oil	$ 165,000	$ 8,250	$ 16,500	$ 24,750	$ 33,000	$ 8,250	$ 16,500	$ 24,750	$ 33,000
Mat-Susitna Borough	Salted Sand Storage Building	$ 296,000	$ 14,800	$ 29,600	$ 44,400	$ 59,200	$ 14,800	$ 29,600	$ 44,400	$ 59,200
Mat-Susitna Borough	Landfill Expansion Project	$ 1,287,000	$ 64,350	$ 128,700	$ 193,050	$ 257,400	$ 64,350	$ 128,700	$ 193,050	$ 257,400
Fairbanks Borough	South Cushman Landfill Expansion - Cell 3	$ 8,000,000	$ 400,000	$ 800,000	$ 1,200,000	$ 1,600,000	$ 400,000	$ 800,000	$ 1,200,000	$ 1,600,000
Sitka	Kimsham Landfill Closure	$ 1,428,000	$ 71,400	$ 142,800	$ 214,200	$ 285,600	$ 71,400	$ 142,800	$ 214,200	$ 285,600
Kenai	Maintenance Shop Groundwater Remediation	$ 1,000,000		$ 100,000	$ 150,000	$ 200,000	$ 50,000	$ 100,000	$ 150,000	$ 200,000
Kodiak Island Borough	Landfill Design and Construction	$ 2,612,000			$ 391,800	$ 522,400	$ 130,600	$ 261,200	$ 391,800	$ 522,400

APPENDIX XI

ALASKA CLEAN WATER FUND

Federal "Cross-Cutting" Authorities

ALASKA CLEAN WATER FUND

Appendix XI **List of Federal "Cross-Cutting" Authorities**

Archeological and Historic Preservation Act of 1974, PL 93-291
Clean Air Act, 42 U.S.C. 7506(c)
Clean Water Act, PL 92-500, as amended
Coastal Barrier Resource Act, 16 U.S.C. 3501 et seq.
Coastal Zone Management Act of 1972, PL 92-583, as amended
Endangered Species Act, 16 U.S.C. 1531 et seq.
Protection and Enhancement of the Cultural Environment Executive Order 11593
Floodplain Management, Executive Order 11988
Farmland Protection Policy Act, 7 U.S.C. 4201 et seq.
Fish and Wildlife Preservation Act of 1966, PL 890665, as amended
Wild and Scenic Rivers Act, PL 90-542, as amended
Historic Sites Act of 1935, 16 U.S.C. 461-467
Demonstration Cities and Metropolitan Development Act of 1966, PL 89-754, as amended
Executive Order 11738
Age Discrimination Act, PL 94-135
Civil Rights Act of 1964, PL 88-352
Prohibition Against Sex Discrimination Under the Federal Water
Pollution Control Act, Section 13 of PL 92-500
Equal Employment Opportunity, Executive Order 11246
Women's and Minority Business Enterprise, Executive Order 11625
Women's and Minority Business Enterprise, Executive Order 12138
Women's and Minority Business Enterprise, Executive Order 12432
Rehabilitation Act of 1973, Executive Order 11914
Rehabilitation Act of 1973, Executive Order 11240
Uniform Relocation and Real Property Acquisition Policies Act of 1970, PL 91-646
Debarment and Suspension, Executive Order 12549
Safe Drinking Water Act, Section 1424(e), PL 92-523, as amended
Wetlands, Executive Order 11990
Environmental Justice, Executive Order 12898
Small Businesses in Rural Areas, PL 100-590
Drug Free Workplace, PL 100-690
Anti-lobbying, PL 101-121