Alaska Clean Water Fund

STATE WASTEWATER LOAN PROGRAM

INTENDED USE PLAN
FINAL

FFY 08 Grant Allotment
State Fiscal Year 2009

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

State Wastewater Loan Program

Intended Use Plan
Final

June, 2008

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 amended Intended Use Plan (IUP) is to describe how ADEC plans to spend the monies of the ACWF and how the expenditures meet the goals of the overall program. The funds available for state fiscal year 2009 total $37.3 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.
4. Promote coordinated efforts by the State and eligible entities to expedite funding of eligible projects.
5. Increase the pace at which available funds are loaned by marketing to existing and potential new eligible entities by expanding the overall funds usage. Potential new entities may include lending to non-profit organizations for water quality type of projects, and to homeowners through a link-deposit program for on-site septic system improvements.

Short Term

1. Provide low interest loans of $37.3 million dollars to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Complete the Capitalization Grant Agreement with the U.S. Environmental Protection Agency for Alaska's FFY08 Title VI allocation.
3. Seek EPA's acceptance on meeting Title II equivalency compliance requirements on all projects. However, all nonpoint source (319) projects in this IUP will be non-equivalent in meeting Title II requirements and only be required to meet minimal cross-cutter requirements.
4. Develop a web based tracking system for handling project questionnaires, applications, and project management functions.
5. Due to interim request from communities to add new projects to the IUP, DEC will now, on a regular mid-year basis, amend the IUP to accommodate communities needs to add projects to the IUP.
6. Seek legislative authorization to begin utilization of the ACWF administrative fee account to maintain the level of support necesary to adminster the responsibilities of the ACWF program.

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, 2008)

ADEC has several sources of funds available to support the proposed project financing and program administrative costs for this IUP. The following table 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 funding 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 $155,644,362.

- The federal grant request to EPA this year will be for $4,013,800 matched by state funds of $802,760.

- State appropriations of $19,807,300 and bond receipts of $11,628,792 were secured earlier.

- Other significant funding sources include investment interest earnings of $30,060,280, principal repayments on loans of $80,602,850 and interest repayments of $20,263,388.

- Investment earnings and principal and interest payments of $12,678,777 are expected to be paid into the Fund during SFY 09.

- The total amount of loan commitments made to date is $250,321,914. This amount accounts for both increases and deobligated funds from projects that have completed construction.

- The $29,000,000 transfer from the Clean Water Fund to the Drinking Water Fund was completed August, 2007.

- The program has set aside a total of $6,386,326 to pay for the costs of administering the program.

- Previous bonding and transactions costs totalling $11,231,017 include administrative, bond sale and interest costs resulting from the sale of bonds that were incurred in previous years.

- Bonding and transactions costs to be paid are $1,260,060.

A total of $37.3* million dollars will be available upon award of the FFY 2008 grant. The $37.3* 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		$ 155,644,362
FFY 08 Federal Allocation		4,013,800
FFY 08 State Match Appropriation Bond Receipts		802,760
State Match - General Funds		19,807,300
State Match - Bond Proceeds		11,628,792 *
Investment Interest		30,060,280
Repayment		
Loan Principal	80,602,850	
Loan Interest (net of fees)	20,263,388	100,866,238
Projected 2008 Repayments and Investment Earnings		12,678,777
Funds Available		**$ 335,502,309**
Program Commitments:		
Loan Commitments		$250,321,914
Transfer from ACWF to ADWF		29,000,000
Administrative Set-Aside		6,386,326
Previous Bonding and Transaction Costs		11,231,017
Bonding and Transaction Costs to Be Paid		1,260,060
Total Program Commitments		**$298,199,317**
Net Amount Available for Loans		**$ 37,302,992**

Selection of Projects

1. Identification of Priority Projects

A mailing was done on March 17, 2008 informing all interested recipients that the questionnaire was available on-line. Eligible recipients were invited to complete and submit their questionnaires electronically.

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:

*Pending Completion of Bond Transaction

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 III contains a detailed listing of ACWF project descriptions 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 approximately $7.5 million is earmarked for projects that address nonpoint source water pollution. We received 11 proposals for nonpoint source projects totalling $29,209,170. Subtracting the amount allocated to nonpoint source projects from the total available amount of $37,302,992 leaves $29,842,394 to fund point source projects. Funding down the Point Source priority list to the North Slope Borough Barrow Wastewater Treatment Plant project will require $32,722,445, which exceeds the available amount by $2,880,051. We will fund this project to the level that there are funds available.

2. Public Review and Comments

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

Distribution of Funding

1. Projects to be Funded

Following consideration of all public comments received, ADEC evaluated the project ranking and prepared a 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 Appendix III.

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.

2. Project Information

Appendices IVa and IVb 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.

3. Disbursements

The estimated disbursement schedule for Point Source loan projects is presented in Appendix VIa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix VIb. These schedules are based upon target dates for binding commitments, beginning construction and initiating operations contained in Appendices IVa and IVb.

4. Federal Payments

Alaska's proposed payment schedule for the FFY 08 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 08 Grant

FFY 09	FFY 09	FFY 09	FFY 09
1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
$ 1,364,692	$ 642,208	$ 401,380	$ 1,605,520

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 will, without justification, be automatically by-passed by a lower scoring project ready to proceed. This action includes any project ready to proceed regardless if it is on either the Point Source or NonPoint Source funding list, as long as funding is available. In addition, any project ready to proceed which will meet full equivalency and federal cross-cutter requirements, may submit a loan application regardless of its position on either the priority or planning lists. This condition is valid only to the point of full utilization of available federal capitalization grant funds.

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.

6. Fund Transfer

The State has completed the transfer of funds from the Alaska Clean Water Fund (ACWF) to the Alaska Drinking Water Fund (ADWF). Federal regulations allow a transfer of up to an amount equal to 33% of the Drinking Water Capitalization Grants. Demand for financial assistance in the ADWF has been high and has resulted in fewer dollars available for eligible projects. Although current documented needs exhibit greater project demand for funding through the ACWF than the ADWF, binding commitments have been increasing significantly in the ADWF program.

To equalize the disparity of funds available in each program, the State transfered $29,000,000 of the uncommitted repayment revenue from the ACWF to the ADWF.

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 VII). ADEC requires compliance with these federal laws and authorities on selected ACWF loan projects. However, the State is planning to request an equivalency determination in SFY 09. If equivalency is granted, the State may choose to reduce some or all of the compliance requirements.

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.

6. Reporting

When applicable, DEC will provide data or information to EPA as may be needed for national reports, public inquiries, or Congressional inquiries. DEC will continue to meet the federal Environmental Results Initiative reporting requirement by inputting environmental summaries, referred to as "one-pagers" on ACWF projects, when applicable. A copy of each "one-pager" will be presented in the ACWF annual report.

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 09, ADEC is requesting $328,000 to be used in administering the program. This request will bring the total administrative funds requested to $4,652,107. As the table below shows, ADEC has not yet requested the allowable amount of $6,386,326 for administering the program. A total of $1,734,219 is being reserved for future administrative costs.

Calculation of Administrative Reserves
FFY 08 Grant

Federal grants prior to FFY 08	$	155,644,362
FFY 08 capitalization grant		4,013,800
Total federal grants requested	**$**	**159,658,162**
Allowable administrative funds (4% of $159,658,162) =	**$**	**6,386,326**
Administrative funds used prior to SFY 09	$	4,324,107
SFY 09 administrative amount requested		328,000
Total administrative funds requested	**$**	**4,652,107**
Allowable administrative funds	$	6,386,326
- Total Administrative funds requested		4,652,107
Amount to be reserved	**$**	**1,734,219**

*Recalculation of prior administrative expenses

SRF regulations were amended 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 loan administration fees equal to one-half percent (0.5%) of the principal loan balance on scheduled repayments. As of June 30, 2008, the program has collected $2,991,732**.

Loan Terms

Effective April 28, 2005, loans with a contract term of five to 20 years can be assessed an effective finance charge rate of one and one-half (1.5) percent or 18.75 percent of the current bond rate as defined by the Municipal Bond Index. Loans with a contract term of one to five years can be assessed an effective interest rate of one (1) percent or 12 1/2 percent of the current bond rate as defined by the Municipal Bond Index. Any loan term less than one year is assessed a one-half (0.5) percent finance charge. In addition, with the exception of loans that are paid off in less than one year, all other loan terms include a one-half (0.5) percent administrative fee as part of the over all finance charge.

**subject to reconcilation

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 ($802,760) 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 eight hundred thousand dollars 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.

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Appendix Ia. Point Source Funding Priority List
Ib. Point Source Planning Priority List
Ic. NonPoint Project Funding Priority List

Appendix IIa. Point Source Priority Criteria
IIb. NonPoint Source Priority Criteria

Appendix III Scoring Distribution of ACWF Projects

Appendix IVa. Point Source Project Detail
IVb. NonPoint Source Project Detail

Appendix V. Public Comments

Appendix VIa. Estimated Disbursement Schedule for Point Source Projects
VIb. Estimated Disbursement Schedule NonPoint Source Projects

Appendix VII. Federal "Cross-Cutting" Authorities

APPENDIX Ia

ALASKA CLEAN WATER FUND

Point Source Funding Priority List

ALASKA CLEAN WATER FUND
FINAL Point Source Priority List
Fiscal Year 2009

Community	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested
Juneau	West Mendenhall Valley Sewer Expansion (Inc.)	445291	620	3,000,000	$ 3,000,000
Unalaska	Wastewater Treatment Plant Ph. II	879051	595	9,800,000	$ 12,800,000
North Slope Borough	Point Lay Sewer Repairs, Ph. III	635131	580	230,000	$ 13,030,000
Skagway	Wastewater Treatment Plant Upgrades	785051	575	250,000	$ 13,280,000
North Slope Borough	Point Lay Sewer Repairs, Ph. IV	635141	565	314,000	$ 13,594,000
Haines Borough	Beach Road Sewer Force Main	395041	560	399,795	$ 13,993,795
Anchorage	C-5A King-Rovena Sewer Upgrade	127661	490	2,500,000	$ 16,493,795
Anchorage	Old Glenn Highway Interceptor-Northern Communities (inc.)	127371	490	2,000,000	$ 18,493,795
Soldotna	K-Beach Phase IV Sewer Main Extension	791161	440	344,250	$ 18,838,045
Fairbanks	Wastewater Treatment Plant Clarifier Rehabilitation	339051	385	884,400	$ 19,722,445
Homer	Kachemak Drive Phase II Construction	409151	375	2,000,000	$ 21,722,445
North Slope Borough	Barrow Wastewater Treatment Plant*	635121	375	11,000,000	$ 32,722,445

*Loan execution pending grant increase and subsequent state match

Actual Point Source funding available is $29,842,394

APPENDIX Ib

ALASKA CLEAN WATER FUND

Point Source Planning Priority List

ALASKA CLEAN WATER FUND
FINAL Point Source Planning Priority List
Fiscal Year 2009

Community	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested
Fairbanks	Wastewater Plant Disinfection Process	339041	370	708,700	$ 33,431,145
North Pole	Baker/North Star Sewer, Ph. I (Inc.)	633031	367	2,000,000	$ 35,431,145
Kodiak	Aleutian Homes Sewer Replacement, Ph. II	503111	365	1,000,000	$ 36,431,145
Nome/NJUS	Sewer Replacement/Expansion, Ph. IV	627131	365	2,750,000	$ 39,181,145
Dillingham	Sewer System Improvements	283031	355	1,596,000	$ 40,777,145
Kodiak	Aleutian Homes Sewer Replacement, Ph. IV	503121	355	1,000,000	$ 41,777,145
North Pole	Baker/North Star Sewer, Ph. II	633021	355	1,118,339	$ 42,895,484
Kodiak	Downtown Comprehensive Design, Ph. II	503101	355	341,930	$ 43,237,414
Kodiak	Aleutian Homes, Sewer Replacement, Ph. III	503131	342	1,000,000	$ 44,237,414
Craig	Wastewater Collection System Upgrade	265021	300	183,150	$ 44,420,564
Bristol Bay	King Salmon Sewer Expansion Project	183051	245	2,250,000	$ 46,670,564
Anchorage	Asplund WWTF Process Improvement (Inc.)	127631	205	8,000,000	$ 54,670,564
Anchorage	Pump Station 02 Chester Creek Ph. II	130931	200	200,000	$ 54,870,564
Palmer	Sludge Management Project	671081	190	750,000	$ 55,620,564
Juneau	Twin Lakes/Mountainside Pump Station Imp.	445211	180	462,000	$ 56,082,564
Anchorage	C-5-1 (North of Campbell Lake)	127671	170	1,045,000	$ 57,127,564
Anchorage	Chester Creek Sewer (B-5, B-6)	127681	170	1,500,000	$ 58,627,564
Anchorage	Downtown Sewer Upgrade	130361	170	280,000	$ 58,907,564
Anchorage	SCADA - Sewer	127621	170	2,000,000	$ 60,907,564
Sitka	Brady Street Sewer Rehabilitation	783201	170	560,000	$ 61,467,564
Anchorage	Rovenna Pipe Replacement	127611	170	3,500,000	$ 64,967,564
Anchorage	Asplund Dis. Study and Upgrade (Inc.)	130171	165	1,250,000	$ 66,217,564
Wasilla	Sewer Improvements, Ph. II	905071	155	405,000	$ 66,622,564
Soldotna	Funny River Road, Phase II	791131	155	1,600,000	$ 68,222,564

ALASKA CLEAN WATER FUND
FINAL Point Source Planning Priority List
Fiscal Year 2009

Community	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested
Anchorage	Minnesota Benson Sewer Upgrade	130101	150	575,000	$ 68,797,564
Anchorage	Eagle River WWTF Imp. (Inc.)	130321	150	1,650,000	$ 70,447,564
Anchorage	UPS Control Center Sewer	127431	145	1,000,000	$ 71,447,564
Anchorage	Regional Landfill Leachate Pretreatment	130411	145	135,000	$ 71,582,564
King Cove	Downtown Wastewater Upgrades	487041	145	1,044,880	$ 72,627,444
North Pole	Utility Lift Station Renovation	633111	145	1,200,000	$ 73,827,444
Sitka	Main Rehab/Replace @ HPR/SMC Intersection	783221	130	450,000	$ 74,277,444
North Pole	Industrial Area Force Main	633121	125	3,000,000	$ 77,277,444
North Pole	Wastewater Treatment Plant Expansion	633131	125	1,000,000	$ 78,277,444
Soldotna	Fireweed St. Sewer Main Extension	791151	110	125,000	$ 78,402,444
Anchorage	AWWU Operations Facility, Ph. III	130281	100	3,650,000	$ 82,052,444
Anchorage	Customer Service Septage Tracking System Upgrade	130291	95	300,000	$ 82,352,444
Anchorage	Pump Station 10 Upgrades	130191	70	1,000,000	$ 83,352,444
Anchorage	Iris Way Sewer Upgrade	127921	70	1,000,000	$ 84,352,444
Anchorage	Interceptor D North	130141	70	900,000	$ 85,252,444
Nome/NJUS	Equipment Replacement	627081	50	200,000	$ 85,452,444
Anchorage	Two Way Radio Upgrade - Sewer	130531	50	318,000	$ 85,770,444
Anchorage	UBM-ERP-SWR	130331	45	1,000,000	$ 86,770,444
North Pole	Utility Maintenance Garage	633101	25	750,000	$ 87,520,444

APPENDIX Ic

ALASKA CLEAN WATER FUND

NonPoint Source Priority List

ALASKA CLEAN WATER FUND
FINAL Non-Point Source Funding Priority List
Fiscal Year 2009

Community	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested
Anchorage	Merrill Field Landfill Groundwater Controls	130351	135	760,000	$ 760,000
Unalaska	Solid Waste - Cell #4	879081	135	4,339,670	$ 5,099,670
Juneau	East Valley Reservoir/Jordan Creek Rehab.	445221	130	405,000	$ 5,504,670
Kodiak	Boat Yard, St. Herman Harbor	503141	120	930,000	$ 6,434,670
Fairbanks North Star Borough	South Cushman Landfill Expansion - Cell 3	339031	105	8,000,000	$ 14,434,670

ALASKA CLEAN WATER FUND
FINAL Non-Point Source Planning Priority List
Fiscal Year 2009

Community	Project Title	Project Number	Score	Amount Requested	Cumulative Amount Requested
Mat-Su Borough	New Regional Resoure Recovery & Training Facility	561061	105	$ 2,500,000	$ 16,934,670
Anchorage	Regional Landfill Cell 8 Construction	130341	100	8,900,000	$ 25,834,670
Anchorage	Landfill Litter Control Fencing	130111	100	650,000	$ 26,484,670
Anchorage	Partial Landfill Closure, Ph. II	127751	100	790,000	$ 27,274,670
Anchorage	Regional Landfill Equipment Update	130401	100	1,394,500	$ 28,669,170
Homer	Bridge Creek Watershed Land	409111	80	540,000	$ 29,209,170

*Actual Non-Point Source funding available is $7,460,598 or 20% of $37,302,992

APPENDIX IIa

ALASKA CLEAN WATER FUND

Point Source Priority Criteria

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

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 III

ALASKA CLEAN WATER FUND

Scoring Distribution of ACWF Projects

Alaska Clean Water Fund

Project Descriptions

Fiscal Year 2009

ANCHORAGE

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Anchorage Regional Landfill Cell 8 Construction	130341	319	60	0	0	15	5	20	100

The project will provide for construction of the water quality components of a new lined landfill cell at the City's regional landfill site, which will provide protection to groundwater from leachate contamination.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Asplund Disinfection Study and Upgrade (Inc.)	130171	212	0	0	0	100	5	20	15	10	15	165

The Asplund WWTF processes wastewater from approximately 250,000 residents. The current system is nearing the end of its useful life. In conformance with applicable laws, the current disinfection system is subject to a risk management evaluation due to the use of gaseous chlorine. AWWU is evaluating alternatives to gaseous chlorine which will provide equivalent pathogen kill, protection for receiving waters of Cook Inlet, with equal or lesser risk.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Asplund WWTF Process Imp. (Inc.)	127631	212	0	0	0	100	5	50	15	20	15	205

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.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
AWWU Operations Facility, Ph. III	130281	212	0	0	0	0	10	50	15	10	15	100

This phase of the Operations Facility Upgrade consists of a 2,000 square foot addition to provide necessary facilities for O&M field personnel. Included will be locker rooms, shower facilities, lavatories, and a new mechanical room and emergency deluge shower.

ANCHORAGE (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
C-5A King-Rovena Sewer Upgrade	127661	212	200	220	0	0	10	20	15	10	15	490

The existing main is either in a continuous surcharge condition or surcharges intermittently which causes the main and manholes to become blocked. This results in a sanitary sewer overflow event. This project will replace/rehabilitate sewer main that is slip lined with 8", 10", 12" or 14" pipe, increasing the efficiency of flow in the pipe and protecting the public health and environment by eliminating blockage and overflows.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
C-5-1 (North of Campbell Lake)	127671	212	0	0	0	100	10	20	15	10	15	170

The existing trunk has a high potential for failure and is of questionable reliability due to severe corrosion in the corrugated metal pipe. Without replacement/rehabilitation, public health is at risk from potential exfiltration from the pipe due to loss of integrity.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Chester Creek Sewer (B-5, B-6)	127681	212	0	0	0	100	10	20	15	10	15	170

This trunk has been identified as having a possible capacity problem due to population growth as well as excess infiltration and deterioration of the pipe due to age and physical conditions. Construction of this project will eliminate a source of possible groundwater contamination as well as reduce flows to the Wastewater Treatment Facility.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Customer Service Septage Tracking System Upgrade	130291	212	0	0	0	0	5	50	15	10	15	95

This project will implement a septage tracking system at two sites within the Utility and will include the capability for tracking the entry and exit of RFID-tagged septage hauling vehicles.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Downtown Sewer Upgrade	130361	212	0	0	0	100	10	20	15	10	15	170

Vitrified clay pipe in the Anchorage Central Business District has reached the end of its useful life, is brittle and susceptible to breaks. Upgrading will ensure wastewater containment, thereby protecting public health and groundwater in the area.

ANCHORAGE (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Eagle River WWTF Treatment Facility Improvements (Inc.)	130321	212	0	0	0	100	10	0	15	10	15	150

Because the Eagle River WWTF ultimately discharges into Cook Inlet, it is imperative that the facility function as required to maintain effluent quality to meet regulatory standards. Without properly functioning equipment, the plant will not perform efficiently or effectively and will adversely affect treatment performance, resulting in adverse discharges to Cook Inlet. It is vital that this discharge not result in water quality degradation in the Cook Inlet or in the Creeks leading to the inlet.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Interceptor D North	130141	212	0	0	0	0	10	20	15	10	15	70

This project will consist of the condition and capacity assessment of approximately 8,140 feet of 36-48 inch sewer main between 6th Avenue and Northern Lights Boulevard.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Iris Way Sewer Upgrade	127921	212	0	0	0	0	10	20	15	10	15	70

This project will replace approximately 872 feet of existing 8-inch sewer pipe with 24-inch pipe to accommodate existing and future flows.

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Landfill Litter Control Fencing	130111	319	60	0	0	15	5	20	100

The project will provide for the installation of permanent litter fencing around the north and west perimeters of Cells 2 through 6 at the Anchorage Regional Landfill as part of the facility's overall development plan. The primary purpose of this project is to provide refuse containment for all other active cells throughout the landfill's operational life, and prevent offsite migration of litter which may impact local area water quality.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

ANCHORAGE (continued)

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Merrill Field Landfill Groundwater Controls	130351	319	100	0	0	10	5	20	135

This project will ultimately control contaminated groundwater leaving the closed Merrill Field landfill site and entering the Shop Creek drainage. Under the current mounded groundwater condition, contaminated groundwater which would normally be collected by the leachate management system in the Cheater Creek drainage, is now escaping to the Ship Creek drainage.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Minnesota Benson Sewer Upgrade	130101	212	0	100	0	0	0	0	15	20	15	150

Provide a reliable conveyance of sewer from commercial property's by replacing 621 feet of sewer main.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Old Glenn Highway Interceptor-Northern Communities	127371	212	200	200	0	0	10	40	15	10	15	490

This project will extend municipal wastewater collection to an area served by onsite sewer systems. Numerous wells have shown high nitrate levels as a result of the onsite systems and the project will reduce groundwater contamination.

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Partial Landfill Closure, Phase II	127751	319	60	0	0	15	5	20	100

Anchorage Regional Landfill is adjacent to the Fossil Creek drainage. On going work associated with this project for capping and making stormwater improvements of the site will reduce the potential of pollutant loading to this drainage feature.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

ANCHORAGE (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Pump Station 02 Chester Creek, Ph. II	130931	212	0	0	0	100	10	50	15	10	15	200

This 30-year old facility is the largest pump station in the AWWU system and this phase of upgrades will improve site security with fencing and add architectural and landscaping features.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Pump Station 10 Upgrades	130191	212	0	0	0	0	10	20	15	10	15	70

This project will replace/relocate a pump station that operates at maximum capacity without an emergency power supply or adequate wet well storage. As a result, a potential exists which could result in environmental and health hazard. Total failure of existing facilities would discharge raw sewage into the tributaries draining into Knik Arm, causing contamination.

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Regional Landfill Equipment Update	130401	319	60	0	0	15	5	20	100

The project will procure needed landfill equipment upgrades which will include the purchase of four truck-tractors, five waste transfer trailers, two leachate hauling tanker trailers, and a horizontal grinder. Water quality benefits are as follows: the truck-tractors will be used to pull the waste transfer trailers to maintain proper waste control at the utility's central transfer receiving station in mid-town Anchorage, which help prevents potential runoff of leachate to the nearby Campbell Creek drainage; the horizontal grinder will be used to grind wood waste coming into the landfill site and then reused as cover for sediment and erosion control, which will help reduce sediment loading in storm management around the landfill site; and, the leachate hauling tanker trailers will assist in maintaining overall leachate management of the landfill site.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Regional Landfill Leachate Pretreatment	130411	212	0	0	0	100	5	0	15	10	15	145

The Anchorage Regional Landfill discharges leachate to the AWWU sanitary sewer system for eventual primary treatment at the Asplund Wastewater Treatment Facility. This project will consider pretreatment for the leachate to reduce loadings of BOD, metals and other compounds.

ANCHORAGE (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Rovenna Pipe Replacement	127611	212	0	0	0	100	10	20	15	10	15	170

This project, identified as a priority project in the Wastewater Master Plan, will evaluate and replace approximately 3,872 feet of 15-inch pipe on Rovenna Street.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
SCADA - Sewer	127621	212	0	0	0	100	10	20	15	10	15	170

This project will construct a new SCADA facility to improve remote supervision of all 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 systems, 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 and any problems identified are corrected before public health hazards arise.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Two Way Radio Upgrade - Sewer	130531	212	0	0	0	0	0	0	15	20	15	50

This project will replace the entire radio system infrastructure with a new digital system for use by all municipal agencies that will interface directly with the Federal and State project known as Alaska Land Mobile Radio (ALMR) System. The replacement system will support Homeland Security initiatives; provide an interoperable system for day-to-day use and emergency response; replace aging equipment, enhance personnel safety and improve operational capabilities.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
UBM-ERP-SWR	130331	212	0	0	0	0	5	0	15	10	15	45

This project consists of upgrading the Enterprise Resource Planning System to address deficiencies with the existing system and identify needed components for an enterprise-wide system.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
UPS Control Center Sewer	127431	212	0	0	0	100	5	0	15	10	15	145

This project will provide a single uninterruptible power source (UPS) for all operation critical equipment associated with treatment, collections, and distribution operations inclusive of the Emergency Operations Center.

BRISTOL BAY BOROUGH

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
King Salmon Sewer Expansion Project	183051	212	0	0	0	200	10	20	0	10	5	245

This project will minimize future contamination from the seasonal population density that exists at the Naknek River ADOT&PF leased lots. The size of these lots prevents the use of individual wastewater treatment facilities, so the 40 businesses that are located there are forced to not have indoor plumbing for their employees or customers. To provide sewer would prevent possible future accidental contamination from waste.

CRAIG

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Collection System Upgrade	265021	212	0	0	200	0	10	50	15	10	15	300

This project provides for repair and upgrade of critical wastewater collection system infrastructure. The project will help prevent leakage and contamination of surface water, drainage systems, and coastal waters that could pose a health risk in a populated area. New gravity sewer main will be installed to replace an aging, poorly functioning collection system along the Port St. Nicholas Road in Craig.

DILLINGHAM

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Sewer System Improvements	283031	212	200	0	0	100	10	20	15	0	10	355

This project will provide City sewer services to an area currently on onsite systems. Dillingham currently has good drinking water, but the ARWA has determined that it is at high risk of contamination from the high number of wells and septic systems in the community. Additionally, the way some septic systems were constructed historically may contribute to the degree of vulnerability of the aquifer the city uses.

FAIRBANKS

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Plant Disinfection Process Improvements	339041	212	200	0	0	100	5	40	0	10	15	370

This project will convert the existing gaseous chlorine disinfecting system to an on-site sodium hypochlorite generating system.

FAIRBANKS (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Treatment Plant Clarifier Rehabilitation	339051	212	200	0	0	100	5	40	15	10	15	385

This project will rehabilitate clarifiers at the Fairbanks wastewater treatment plant.

FAIRBANKS NORTH STAR BOROUGH

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
South Cushman Landfill Expansion - Cell 3	339031	319	60	0	0	15	10	20	105

This project represents the next phase (Cell 3 of 9) of a multiphase landfill expansion project. Cell 3 will be constructed with a liner and leachate collection system that will continue to provide a disposal outlet of the Borough's solid waste. The entire landfill expansion project continues to provide protection and prevent further contamination of the groundwater.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

HAINES BOROUGH

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Beach Road Sewer Force Main	395041	212	300	220	0	0	5	20	0	0	15	560

Construction of this project will extend an existing force main approximately 2,400 lineal feet to relieve surcharging in an undersized gravity sewer. The project will correct the raw sewage that runs on the ground during periods of high flows. This problem has been documented with EPA and ADEC.

HOMER

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Bridge Creek Watershed Land	409111	319	60	0	0	10	0	10	80

Development (construction of structures, roads and utilities) within the watershed negatively impact water quality. As water quality deteriorates, treatment becomes more difficult, costs increase and the potential for treated water to exceed standards for drinking water increases. Purchase of property within the watershed (Homer's only water source) will protect quality of reservoir water from development.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-A, pg. 29), the need to support local watershed protection efforts and encourage communities and the public to protect their local water resources. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Kachemak Drive Phase II Construction	409151	212	200	0	0	100	10	20	15	20	10	375

This project will provide City sewer service to an area previously served by onsite systems. Replacement of failing on site systems will minimize the potential for future pollution events

JUNEAU

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Twin Lakes/Mountainside Pump Station Improvements	445211	212	0	0	0	100	10	30	15	10	15	180

This project will provide improvements to the existing pump station to increase capacity and reduce the risk of system back-ups at this growing and critical portion of the collection system. The lift station is nearly 35 years old and the new upgrades will replace the above ground pumps with submersible pumps, increase the capacity of the wet well, provide an improved backup generator and add SCADA monitoring controls.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
West Mendenhall Valley Sewer Exp.	445291	212	300	220	0	0	10	50	15	10	15	620

This project will eliminate the discharge of untreated or partially treated effluent to local ditches and water bodies from failed or malfunctioning onsite wastewater systems.

JUNEAU (continued)

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
East Valley Reservoir/Jordan Creek Rehab. Project	445221	319	0	70	0	10	10	40	130

The purpose of this project is to restore a portion of Jordan Creek and control sediment loading from a stormwater tributary off Thunder Mountain. Plans call for a detailed site survey, storm flows and sediment analysis, permitting, engineering services for an access road and sediment pond, habitat design for stream restoration, engineering inspection, and contract administration.

How this project implements Alaska's Nonpoint Source Strategy: *Alaska's Strategy identifies support for local watershed protection efforts as an objective (page 29). This project addresses components of local watershed protection including control of stormwater runoff, and restoration of a sediment impaired creek (page 83).*

KING COVE

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Downtown Wastewater Upgrades	487041	212	0	0	0	100	5	20	0	10	10	145

This project will provide system upgrades for improved operation and efficiency of the existing collection system. These upgrades are recommended before sewer service can be extended to the harbor area. The existing system is "bottlenecked" at several points and needs to be corrected to avert potential health threats.

KODIAK

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Aleutian Homes Sewer Replacement Project, Ph. IV	503121	212	200	0	0	100	10	20	0	10	15	355

This project will remove the deteriorated sewer main and replace it with new main. Thus removing the potential for ground water contamination from wastewate

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Aleutian Homes Sewer Replacement Project, Ph. III	503131	212	200	0	0	100	10	20	0	10	2	342

This project will remove the deteriorated 50 year old sewer main and replace it with new main. In addition, the sewer main will be extended to the new UV water treatment facility.

KODIAK (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Aleutian Homes Sewer Replacement Project, Ph. II	503111	212	200	0	0	100	10	30	0	10	15	365

By completing this project we will improve the entire collection system in this residential area. We currently have numerous calls from residents of problems with their sewer services that are related to the failing orangeberg service lines.

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Boat Yard, St. Herman Harbor	503141	319	60	0	0	10	10	40	120

This project will provide a facility for control of runoff from the boatyard and control and treatment of water used to wash down vessels prior to maintenance.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA-approved Alaska NPS Strategy identifies evaluation of stormwater discharges from upland maintenance areas under the Action Plan for Harbors and Marinas (page 45). This project directly addresses this category of the strategy with construction of a harbor and dock waste handling facility (page 83).*

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Downtown Comprehensive Design, Ph. II	503101	212	200	100	0	0	5	0	15	20	15	355

This is a combined project to design and sequence the replacing of both the wastewater collection and water mains in the downtown core area. The wastewater collection system is made up of mostly asbestos cement lines that are approximately 45 years old. Inspections have shown areas of pipe damage and grade problems which lead to flooding problems during extreme high tides during the year.

MATANUSKA-SUSITNA BOROUGH

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
New Regional Resource Recovery & Training Facility	561061	319	60	0	15	0	20	10	105

The project will construct a building to house a waste reduction program operated by a non-profit organization. The building will allow for the expansion of capacity to divert waste from the landfill and provide diversion options including research and development of the waste to potentially further reduce the impact on the local ground water. (Phillips Update)

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 30), the need to provide educational, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

NOME/NOME JOINT UTILITY SYSTEM

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repair Capacity	Afford Criteria	TOTAL
Sewer Replacement/Expansion, Ph. IV	627131	212	200	0	0	100	10	20	15	10	10	365

The project will continue to upgrade and replace a 20 year old direct bury sewer distribution and collection system and install new segments in areas where community development is occurring. The existing lines in the area are constricting from jack frost causing a reduction in flow, sinking or heaving resulting in reverse grade and separating resulting in leaks and creating the potential for cross-contamination of the water distribution system.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repair Capacity	Afford Criteria	TOTAL
Equipment Replacement	627081	212	0	0	0	0	10	0	15	10	15	50

This project will replace equipment necessary to properly maintain and operate the system.

NORTH POLE

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repair Capacity	Afford Criteria	TOTAL
Baker/North Star Sewer Collection, Ph. II	633021	212	200	0	0	100	10	20	0	10	15	355

This project will extend the City's sewage collection system to serve approximately 60 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.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repair Capacity	Afford Criteria	TOTAL
Baker/North Star Sewer Collection, Ph. I (Inc.)	633031	212	200	0	0	100	10	40	15	0	2	367

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)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Industrial Area Force Main	633121	212	0	0	0	100	10	0	0	0	15	125

Construction of a new force main to the Industrial Park will eliminate two lift stations and 4,000 feet of force main and provide for a more cost effective and efficient operation.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Utility Lift Station Renovation	633111	212	0	0	0	100	10	20	0	0	15	145

Four of the North Pole Utility System lift stations are considered in high need of renovation in order to maintain operations. This project will upgrade equipment and prevent lift station failure.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Utility Maintenance Garage	633101	212	0	0	0	0	10	0	0	0	15	25

The purpose of this project is to obtain a dedicated warm storage facility for the North Pole utility system. This will enable the Utility to store and work on equipment at one location and more efficiently manage its functions.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Treatment Plant Expansion	633131	212	0	0	0	100	10	0	0	0	15	125

This project will provide for a study to examine options, design and construction documents for upgrading and expanding the North Pole wastewater treatment plant which has reached the end of its design life.

NORTH SLOPE BOROUGH

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Barrow Wastewater Treatment Plant	635121	212	200	0	0	100	0	40	15	10	10	375

This project will construct a new wastewater treatment plant that will replace the existing South Salt sewage lagoon. Included in the project will be the construction of a new lift station and force main to transfer wastewater to the treatment plant. The treatment process will implement a membrane bioreactor treatment system.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Point Lay Sewer Repairs, Ph. III	635131	212	300	0	0	200	5	40	15	10	10	580

This project will replace damaged mains along with individual repairs to the existing wastewater collection system.

NORTH SLOPE BOROUGH (continued)

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Point Lay Sewer Repairs, Ph. IV	635141	212	300	0	0	200	5	40	0	10	10	565

This project will replace damaged mains along with individual repairs to the existing wastewater collection system.

PALMER

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Sludge Management Project	671081	212	0	0	0	100	10	50	15	0	15	190

This project will construct a lined sludge drying bed and provide for effective management of sludge from three lagoons.

SITKA

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Brady Street Sewer Rehabilitation	783201	212	0	0	0	100	10	20	15	10	15	170

Lining or replacement of this sewer is required to prevent infiltration of stream water into the sewer, and to prevent leakage from the sewer into the stream.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Main Rehab/Replace @HPR/SMC Intersection	783221	212	0	0	0	100	5	0	0	10	15	130

Rehabilitation and or replacement of the sewer system components at this intersection will eliminate potential safety and operational problems.

SKAGWAY

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Treatment Plant Upgrades	785051	212	300	220	0	0	5	20	15	0	15	575

This project will install a new chlorine generator and retrofit an existing contact tank for extending contact time for effluent disinfection. In addition, retrofit an existing tank and install equipment to create a third primary clarifier to help meet BOD permit limits.

SOLDOTNA

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Fireweed St. Sewer Main Extension	791151	212	0	100	0	10	0	0	0	0	0	110

This project will extend the sewer main from West Redoubt to Little Avenue providing sewer access to eight parcels, eliminating the need for on-site systems that could impact ground water.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Funny River Road, Phase II	791131	212	0	0	0	100	0	30	15	0	10	155

The extension of sewer service along Funny River Road and through the Soldotna Municipal Airport will provide service to existing residential and commercial sites and promote development of the area. Replacing on-site septic systems with connection to the City's system will minimize potential health and environmental concerns.

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
K-Beach Phase IV Sewer Main Extension	791161	212	200	230	0	0	10	0	0	0	0	440

This project will extend the sewer mains on Kalifornsky Beach Road from Endicott to Chugach Drive. Extending the sewer mains will provide City sewer service an area not previously served and will eliminate on-site systems.

UNALASKA

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Wastewater Treatment Plant, Ph. II	879051	212	300	250	0	0	5	20	0	10	10	595

To comply with Clean Water Act regulations and current NPDES permit requirements, the existing wastewater treatment plant will need to be upgraded or expanded. Selection of a preferred alternative from a recent study should be completed soon. Also, landfill leachate that is discharged into the sewer collection system may need to have flow equalization or preliminary treatment to reduce impacts on the wastewater treatment process.

UNALASKA (continued)

Project Name	Project Number	Project Type	Prevention	Restoration	Stewardship	Local Initiative	Funding Coordination	NPS Strategy	TOTAL
Solid Waste - Cell #4	879081	319	100	0	0	10	5	20	135

This project is for the development of Cell#4 and drainage improvements. The cell will be constructed with a liner to protect groundwater, and will include leachate collection and transmission. In addition, the drainage system throughout the landfill will be improved to maintain more effective separation between stormwater runoff and leachate.

How this project implements Alaska's Nonpoint Source Strategy: *The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B7, pg. 31), the need to upgrade failed community landfills to ensure leachate control and water quality concerns are met. Additionally, on page 83 of the strategy, this type of project is identified as providing water quality benefits which is an eligible nonpoint source pollution control project under the ACWF program.*

WASILLA

Project Name	Project Number	Project Type	Public Health	Doc. Pollution Event	Severe Current Conditions	Minimize Future Pollution	Receiving Water	Local Initiative	Funding Coordination	Repay Capacity	Afford Criteria	TOTAL
Sewer Improvements, Ph. II	905071	212	0	0	0	100	10	30	0	0	15	155

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 IVa

ALASKA CLEAN WATER FUND

Point Source Project Detail

ALASKA CLEAN WATER FUND
POINT SOURCE PROJECT DETAILED LIST
FISCAL YEAR 2009

Community	Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Juneau	1	580	West Mendenhall Valley Sewer Expansion (Inc.)	445291	$ 3,000,000	AK-0023213	Design & Construction	IVa	7/08	9/08	7/11
Unalaska	2	595	Wastewater Treatment Plant Phase II	879051	$ 9,800,000	AK-0043451	Design & Construction	I	7/08	7/08	9/10
North Slope Borough	3	580	Point Lay Sewer Repairs, Ph. III	635131	$ 230,000	AKG 571009	Design & Construction	III(b)	9/08	10/08	8/09
Skagway	4	575	Wastewater Treatment Plant Upgrades	785051	$ 250,000	AK-002001-0	Design & Construction	I	7/08	7/08	5/09
North Slope Borough	5	565	Point Lay Sewer Repairs, Ph. IV	635141	$ 314,000	AKG 571009	Design & Construction	III(b)	9/08	11/08	8/10
Haines	6	560	Beach Road Sewer Force Main	395041	$ 399,795	AK-002138-5	Design & Construction	III(b)	2/09	5/09	6/10
Anchorage	7	490	C-5A King-Rovena Sewer Upgrade	127661	$ 2,500,000	AK-0022551	Design & Construction	III(b)	8/08	9/08	10/09
Anchorage	8	490	Old Glenn Highway Interceptor-Northern Communities	127371	$ 2,000,000	AK-0022543	Design & Construction	IV(b)	5/09	6/09	5/10
Soldotna	9	440	K-Beach Ph. IV Sewer Main Extension	791161	$ 344,250	AK-0020036	Design & Construction	III(b)	5/09	6/09	5/10
Fairbanks	10	385	Wastewater Treatment Plant Clarifier Rehab	339051	$ 884,400	AK-002H5-8	Design & Construction	I	9/08	12/08	7/09
Homer	11	375	Kachemak Drive Phase II Construction	409151	$ 2,000,000	AK-0021245	Design & Construction	III(b)	2/09	3/09	8/10
North Slope Borough	12	375	Barrow Wastewater Treatment Plant	635121	$ 11,000,000	AKG 571002	Design & Construction	I	9/08	11/08	8/09
Fairbanks	13	370	Wastewater Plant Disinfection Process Improvements	339041	$ 708,700	AK-002H5-8	Design & Construction	I	6/09	7/09	6/10
North Pole	14	370	Baker/North Star Sewer, Ph. I (Inc.)	633031	$ 2,000,000	AK-0021393	Design & Construction	III(b)	4/09	5/09	8/10
Kodiak	15	365	Aleutian Homes Sewer Project, Phase II	503111	$ 1,000,000	Ak-002155-5	Design & Construction	III(b)	3/09	4/09	8/10
Nome/Nome Joint Utility System	16	365	Sewer Replacement/Expansion, Ph. IV	627131	$ 2,750,000	AK-0026275	Design & Construction	III(b)	4/09	5/09	6/10

Community	Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Dillingham	17	355	Sewer System Improvements	283031	$ 1,596,000	AKG 570018	Design & Construction	III(b)	4/09	5/09	5/10
Kodiak	18	355	Aleutian Homes Sewer Project, Phase IV	503121	$ 1,000,000	AK-002155-5	Design & Construction	III(b)	5/09	6/09	8/10
North Pole	19	355	Baker/North Star Sewer, Ph. II	633021	$ 1,118,339	AK-0021393	Design & Construction	III(b)	41/2009	6/09	7/10
Kodiak	20	355	Downtown Wastewater Design, Ph. II	503101	$ 341,930	Ak-002155-5	Design & Construction	I	3/09	5/09	9/09
Kodiak	21	342	Aleutian Homes Sewer Project, Ph. III	503131	$ 1,000,000	Ak-002155-5	Design & Construction	III(b)	4/09	5/09	7/10
Craig	22	300	Wastewater Collection System Upgrade	265021	$ 183,150	0013-CB029	Design & Construction	III(a)	3/09	4/09	7/10
Bristol Bay Borough	23	245	King Salmon Sewer Expansion Project	183051	$ 2,250,000	AKG570021	Design & Construction	IV(a)	2/09	5/09	4/10
Anchorage	24	200	Pump Station 02 Chester Creek, Ph. II	130931	$ 200,000	AK-0022551	Design & Construction	III(b)	5/09	6/09	5/10
Palmer	25	190	Sludge Management Project	671081	$ 750,000	AK-002249-7	Design & Construction	I	2/08	5/08	9/09
Juneau	26	180	Twin Lakes/Mountainside Pump Station Improvements	445211	$ 462,000	AK-0023213	Design & Construction	III(b)	7/09	9/09	6/10
Anchorage	27	205	Asplund WWTF Process Improvements (Inc.)	127631	$ 8,000,000	AK-0022551	Design & Construction	I	4/09	5/09	5/10
Anchorage	28	170	C-5-1 (North of Campbell Lake)	127671	$ 1,045,000	AK-0022551	Design & Construction	III(b)	5/08	6/08	10/09
Anchorage	29	170	Chester Creek Sewer (B-5, B-6)	127681	$ 1,500,000	AK-0022551	Design & Construction	III(b)	4/08	6/08	9/09
Anchorage	30	170	Downtown Sewer Upgrade	130361	$ 280,000	AK-0022551	Design & Construction	III(b)	5/09	7/09	6/10
Anchorage	31	170	SCADA - Sewer	127621	$ 2,000,000	AK-0022551	Design & Construction	I	3/09	5/09	6/10
Sitka	32	170	Brady Street Sewer Rehabilitation	783201	$ 560,000	AK-0021474	Design & Construction	III(b)	4/09	5/09	5/10
Anchorage	33	170	Rovenna Pipe Replacement	127611	$ 3,500,000	AK-0022551	Design & Construction	III(b)	4/09	5/09	6/10
Anchorage	34	165	Aplund Disinfection Study and Upgrade (Inc.)	130171	$ 1,250,000	AK-0022551	Design & Construction	I	10/09	1/10	6/11

Community	Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Wasilla	35	155	Sewer Improvements, Ph. II	905071	$ 405,000	N/A	Design & Construction	IV(a)	4/09	4/09	8/10
Soldotna	36	155	Funny River Road, Phase II	791131	$ 1,600,000	AK-0020036	Design & Construction	III(b)	5/09	6/09	5/10
Anchorage	37	150	Minnesota Benson Sewer Upgrade	130101	$ 575,000	AK-0022551	Design & Construction	III(b)	4/09	6/09	11/10
Anchorage	38	150	Eagle River WWTF Improvements (Inc.)	130321	$ 1,650,000	AK-0022543	Design & Construction	I	6/09	8/09	6/10
Anchorage	39	145	UPS Control Center Sewer	127431	$ 1,000,000	AK-0022551	Design & Construction	I/III(b)	5/09	7/09	11/09
Anchorage	40	145	Regional Landfill Leachate Pretreatment	130411	$ 135,000	AK-0022551	Design & Construction	I	4/09	5/09	5/10
King Cove	41	145	Downtown Wastewater Upgrades	487041	$ 1,044,880	AK-0044334	Design & Construction	III(b)	4/09	6/09	4/10
North Pole	42	145	Utility Lift Station Renovation	633111	$ 1,200,000	AK-0021393	Design & Construction	III(b)	4/09	5/09	6/10
Sitka	43	130	Main Rehab/Replace @ HPR/SMC Intersectin	783221	$ 450,000	AK-0021474	Design & Construction	III(b)	5/09	6/09	6/10
North Pole	44	125	Industrial Area Force Main	633121	$ 3,000,000	AK-0021393	Design & Construction	III(b)	4/09	5/09	7/10
North Pole	45	125	Wastewater Treament Plant Expansion	633131	$ 1,000,000	AK-0021393	Design & Construction	III(b)	4/09	5/10	6/11
Soldotna	46	110	Fireweed St. Sewer Main Ext.	791151	$ 125,000	AK-0020036	Design & Construction	III(b)	5/09	6/09	5/10
Anchorage	47	100	AWWU Operations Facility, Ph. III	130281	$ 3,650,000	AK-0022551	Design & Construction	I	5/09	7/09	6/11
Anchorage	48	95	Customer Service Septage Tracking System Upgrade	130291	$ 300,000	AK-0022551	Design & Construction	III(b)	5/09	6/09	6/10
Anchorage	49	70	Pump Station 10 Upgrades	130191	$ 1,000,000	AK-0022551	Design & Construction	III(b)	5/09	6/09	5/10
Anchorage	50	70	Iris Way Sewer Upgrade	127921	$ 1,000,000	AK-0022543	Design & Construction	III(b)	4/09	5/09	5/10
Anchorage	51	70	Interceptor D North	130141	$ 900,000	AK-0022551	Design & Construction	III(b)	4/09	5/09	5/10
Nome/Nome Joint Utility System	52	50	Equipment Replacement	627081	$ 200,000	AK-0026275	Design & Construction	IV(a)	5/09	N/A	N/A

Community	Ranking	Points	Project Name	Project Number	Amount Requested	NPDES or State Permit Number	EPA Project Scope	Needs	Binding Commitment	Construction Start	Initiation of Operation
Anchorage	53	50	Two-Way Radio Upgrade - Sewer	130531	$ 318,000	AK-0023213	Design & Construction	I	6/09	7/09	5/10
Anchorage	54	45	UBM-ERP-SWR	130331	$ 1,000,000	AK-0022551	Design & Construction	I/III(b)	6/09	6/09	6/10
North Pole	55	25	Utility Maintenance Garage	633101	$ 750,000	AK-0021393	Design & Construction	III(b)	4/09	5/09	6/10

APPENDIX IVb

ALASKA CLEAN WATER FUND

NonPoint Source Project Detail

Alaska Clean Water Fund
NONPOINT SOURCE DETAILED LIST
Fiscal Year 2009

Community	Ranking	Points	Project Name	Project Number	Amount Requested	Binding Commitment	Construction Start	Initiation of Operation
Anchorage	1	135	Merrill Field Landfill Groundwater Controls	130351	$ 760,000	9/08	3/09	11/09
Unalaska	2	135	Solid Waste - Cell #4	879081	$ 4,339,670	11/08	12/08	8/09
Juneau	3	130	East Valley Reservoir/Jordan Creek Rehab.	445221	$ 405,000	6/08	7/08	10/09
Kodiak	4	120	Boat Yard, St. Herman Harbor	503141	$ 930,000	9/08	9/08	8/09
Fairbanks North Star Borough	5	105	South Cushman Landfill Expansion - Cell 3	339031	$ 8,000,000	4/08	6/08	10/09
Matanuska-Susitna Borough	6	105	New Regional Resource Recovery & Training Facility	561061	$ 2,500,000	6/08	7/08	10/08
Anchorage	7	100	Landfill Litter Control Fencing	130111	$ 650,000	2/09	5/09	11/09
Anchorage	8	100	Partial Landfill Closure, Ph. II	127751	$ 790,000	8/08	8/08	11/08
Anchorage	9	100	Regional Landfill Equipment Update	130401	$ 1,394,500	8/08	N/A	N/A
Anchorage	10	100	Regional Landfill Cell 8 Construction	130341	$ 8,900,000	4/09	6/09	8/11
Homer	11	80	Bridge Creek Watershed Land	409111	$ 540,000	7/08	N/A	N/A

APPENDIX V

ALASKA CLEAN WATER FUND

Public Comments

During the public comment period, the Muncipality of Anchorage, AWWU, notified DEC that they would not be pursuing funding for the project identified as the Asplund Fire Sprinkler System. This project was removed from the Planning Priority List.

APPENDIX VIa

ALASKA CLEAN WATER FUND

Estimated Disbursement Schedule
for Point Source Projects

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule

			FFY09 1st Qtr.	FFY09 2nd Qtr.	FFY09 3rd Qtr.	FFY09 4th Qtr.	FFY10 1st Qtr.	FFY10 2nd Qtr.	FFY10 3rd Qtr.	FFY10 4th Qtr.
ADEC	Administrative Costs	$ 328,000	$ 16,400	$ 32,800	$ 49,200	$ 65,600	$ 16,400	$ 32,800	$ 49,200	$ 65,600
Juneau	West Mendenhall Valley Sewer Expansion (Inc.)	$ 3,000,000	150,000	300,000	450,000	600,000	150,000	300,000	450,000	600,000
Unalaska	Wastewater Treatment Plant Ph. II	$ 9,800,000	490,000	980,000	1,470,000	1,960,000	490,000	980,000	1,470,000	1,960,000
North Slope Borough	Point Lay Sewer Repairs, Ph. III	$ 230,000	11,500	23,000	34,500	46,000	11,500	23,000	34,500	46,000
Skagway	Wastewater Treatment Plant Upgrades	$ 250,000	12,500	25,000	37,500	50,000	12,500	25,000	37,500	50,000
Anchorage	C-5A King-Rovena Sewer Upgrade	$ 2,500,000	125,000	250,000	375,000	500,000	125,000	250,000	375,000	500,000
North Slope Borough	Point Lay Sewer Repairs, Ph. IV	$ 314,000	15,700	31,400	47,100	62,800	15,700	31,400	47,100	62,800
North Slope Borough	Barrow Wastewater Treatment Plant	$ 11,000,000	550,000	1,100,000	1,650,000	2,200,000	550,000	1,100,000	1,650,000	2,200,000
Fairbanks	Wastewater Treatment Plant Clarifier Rehab	$ 884,400		88,440	132,660	176,880	44,220	88,440	132,660	176,880
Homer	Kachemak Drive Phase II Construction	$ 2,000,000		200,000	300,000	400,000	100,000	200,000	300,000	400,000
Anchorage	Old Glenn Highway Interceptor	$ 2,000,000			300,000	400,000	100,000	200,000	300,000	400,000
Haines	Beach Road Sewer Force Main	$ 399,795			59,969	79,959	19,990	39,980	59,969	79,959
Soldotna	K-Beach Ph. IV Sewer Main Ext.	$ 344,250			51,638	68,850	17,213	34,425	51,638	68,850
Fairbanks	Wastewater Plant Disinfection Process Imp.	$ 708,700			106,305	141,740	35,435	70,870	106,305	141,740
North Pole	Baker/North Star Sewer, Ph. I (Inc.)	$ 2,000,000			300,000	400,000	100,000	200,000	300,000	400,000
Kodiak	Aleutian Homes Sewer Project, Ph. II	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Nome/NJUS	Sewer Replacement/Expansion, Ph. IV	$ 2,750,000			412,500	550,000	137,500	275,000	412,500	550,000
Dillingham	Sewer System Improvements	$ 1,596,000			239,400	319,200	79,800	159,600	239,400	319,200
Kodiak	Aleutian Homes Sewer Project, Ph. IV	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
North Pole	Baker/North Star Sewer, Ph. II	$ 1,118,339			167,751	223,668	55,917	111,834	167,751	223,668
Kodiak	Downtown Comp. Design Ph. II	$ 341,930			51,290	68,386	17,097	34,193	51,290	68,386
Kodiak	Aleutian Homes Sewer Replacement, Ph. III	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Craig	Wastewater Collection System Upgrade	$ 183,150			27,473	36,630	9,158	18,315	27,473	36,630
Bristol Bay Borough	King Salmon Sewer Expansion Project	$ 2,250,000			337,500	450,000	112,500	225,000	337,500	450,000
Anchorage	Pump Station 02 Chester Creek, Ph. II	$ 200,000			30,000	40,000	10,000	20,000	30,000	40,000
Palmer	Sludge Management Project	$ 750,000			112,500	150,000	37,500	75,000	112,500	150,000
Juneau	Twin Lakes/Mountainside Pump Station Imp.	$ 462,000			69,300	92,400	23,100	46,200	69,300	92,400
Anchorage	Asplund WWTF Process Improvements (Inc.)	$ 8,000,000			1,200,000	1,600,000	400,000	800,000	1,200,000	1,600,000
Anchorage	C-5-1 (North of Campbell Lake)	$ 1,045,000			156,750	209,000	52,250	104,500	156,750	209,000
Anchorage	Chester Creek Sewer (B-5, B-6)	$ 1,500,000			225,000	300,000	75,000	150,000	225,000	300,000
Anchorage	Downtown Sewer Upgrade	$ 280,000			42,000	56,000	14,000	28,000	42,000	56,000
Anchorage	SCADA - Sewer	$ 2,000,000			300,000	400,000	100,000	200,000	300,000	400,000
Sitka	Brady Street Sewer Rehabilitation	$ 560,000			84,000	112,000	28,000	56,000	84,000	112,000
Anchorage	Rovenna Pipe Replacement	$ 3,500,000			525,000	700,000	175,000	350,000	525,000	700,000
Anchorage	Asplund Disinfection Study & Upgrade (Inc.)	$ 1,250,000			187,500	250,000	62,500	125,000	187,500	250,000
Wasilla	Sewer Improvements, Phase II	$ 405,000			60,750	81,000	20,250	40,500	60,750	81,000
Soldotna	Funny River Road, Phse II	$ 1,600,000			240,000	320,000	80,000	160,000	240,000	320,000

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule

			FFY09 1st Qtr.	FFY09 2nd Qtr.	FFY09 3rd Qtr.	FFY09 4th Qtr.	FFY10 1st Qtr.	FFY10 2nd Qtr.	FFY10 3rd Qtr.	FFY10 4th Qtr.
Anchorage	Eagle River WWTF Imp. (Inc.)	$ 1,650,000			247,500	330,000	82,500	165,000	247,500	330,000
Anchorage	Minnesota Benson Sewer Upgrade	$ 575,000			86,250	115,000	28,750	57,500	86,250	115,000
Anchorage	UPS Control Center Sewer	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Anchorage	Regional Landfill Leachate Pretreatment	$ 135,000			20,250	27,000	6,750	13,500	20,250	27,000
King Cove	Downtown Wastewater Upgrades	$ 1,044,880			156,732	208,976	52,244	104,488	156,732	208,976
North Pole	Utility Lift Station Renovation	$ 1,200,000			180,000	240,000	60,000	120,000	180,000	240,000
Sitka	Main Rehab/Replace @HPR/SMC Intersection	$ 450,000			67,500	90,000	22,500	45,000	67,500	90,000
North Pole	Industrial Area Force Main	$ 3,000,000			450,000	600,000	150,000	300,000	450,000	600,000
North Pole	Wastewater Treatment Plant Expansion	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Soldotna	Fireweed St. Sewer Main Ext.	$ 125,000			18,750	25,000	6,250	12,500	18,750	25,000
Anchorage	AWWU Operations Facility, Ph. III	$ 3,650,000			547,500	730,000	182,500	365,000	547,500	730,000
Anchorage	Septage Tracking System Upgrade	$ 300,000			45,000	60,000	15,000	30,000	45,000	60,000
Anchorage	Pump Station 10 Upgrades	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Anchorage	Iris Way Sewer Upgrade	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
Anchorage	Interceptor D North	$ 900,000			135,000	180,000	45,000	90,000	135,000	180,000
Nome/NJUS	Equipment Replacement	$ 200,000			30,000	40,000	10,000	20,000	30,000	40,000
Anchorage	Two Way Radio Upgrade Sewer	$ 318,000			47,700	63,600	15,900	31,800	47,700	63,600
Anchorage	UBM-ERP-SWR	$ 1,000,000			150,000	200,000	50,000	100,000	150,000	200,000
North Pole	Utility Maintenance Garage	$ 750,000			112,500	150,000	37,500	75,000	112,500	150,000

APPENDIX VIb

ALASKA CLEAN WATER FUND

Estimated Disbursement Schedule
for NonPoint Source Projects

ALASKA CLEAN WATER FUND
Estimated Disbursement Schedule for NonPoint Projects

			FFY09 1st Qtr.	FFY09 2nd Qtr.	FFY09 3rd Qtr.	FFY09 4th Qtr.	FFY10 1st Qtr.	FFY10 2nd Qtr.	FFY10 3rd Qtr.	FFY10 4th Qtr.
Anchorage	Merrill Field Landfill Groundwater Controls	$ 760,000	38,000	76,000	114,000	152,000	38,000	76,000	114,000	152,000
Unalaska	Solid Waste - Cell #4	4,339,670	216,984	433,967	650,951	867,934	216,984	433,967	650,951	867,934
Anchorage	Landfill Litter Control Fencing	650,000	32,500	65,000	97,500	130,000	32,500	65,000	97,500	130,000
Anchorage	Partial Landfill Closure	790,000	39,500	79,000	118,500	158,000	39,500	79,000	118,500	158,000
Juneau	East Valley Reservoir/Jordan Creek Rehab.	405,000	20,250	40,500	60,750	81,000	20,250	40,500	60,750	81,000
Kodiak	Boat Yard, St. Herman Harbor	930,000	46,500	93,000	139,500	186,000	46,500	93,000	139,500	186,000
Fairbanks Borough	South Cushman Landfill Expansion - Cell 3	8,000,000			1,200,000	1,600,000	400,000	800,000	1,200,000	1,600,000
Anchorage	Regional landfill Equipment Update	1,394,500			209,175	278,900	69,725	139,450	209,175	278,900
Homer	Bridge Creek Watershed Land	540,000			81,000	108,000	27,000	54,000	81,000	108,000
Anchorage	Regional Landfill Cell 8 Construction	8,900,000			1,335,000	1,780,000	445,000	890,000	1,335,000	1,780,000
Mat-Su Borough	New Regional Resource	2,500,000			375,000	500,000	125,000	250,000	375,000	500,000

APPENDIX VII

ALASKA CLEAN WATER FUND

Federal "Cross-Cutting" Authorities

ALASKA CLEAN WATER FUND
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