

# ALASKA CLEAN WATER FUND

## STATE WASTEWATER LOAN PROGRAM

### INTENDED USE PLAN - AMENDED FINAL

FFY13 Grant Allotment

State Fiscal Year 2014



Submitted to the U.S. Environmental Protection Agency

By

Alaska Department of Environmental Conservation

Division of Water

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# Table of Contents

PROGRAM OVERVIEW .....	2
PROGRAM UPDATES .....	2
PROGRAM GOALS.....	3
Long Term.....	3
Short Term .....	3-4
LOAN FUND PROCESS	
Funding Sources.....	4-5
SELECTION OF PROJECTS	
1. Identification of Priority Projects.....	6
2. Project Incentives .....	6-7
3. Public Review and Comments .....	7
DISTRIBUTION OF FUNDING	
1. Projects to be Funded .....	7
2. Project Information .....	7
3. Disbursements.....	7
4. Federal Payments .....	7-8
5. Bypass of Projects.....	8
6. Fund Transfer .....	9
ADDITIONAL LOAN FUND POLICIES - ASSURANCES	
1. Binding Commitments .....	9
2. Expeditious and Timely Expenditure.....	9
3. First Use Requirement.....	9
4. Title II Equivalency Compliance .....	9
5. Environmental Review.....	10
6. Reporting.....	10
7. Additional Subsidization – Disadvantage Community Assistance.....	10-11
8. Green Project Reserve.....	11-12
9. Sustainability Policy .....	12
10. Davis-Bacon.....	12
ADMINISTRATIVE USES.....	12-13
Loan Terms .....	13
Capitalization Requirements .....	13
<b>CONTENT OF APPENDICES</b>	

# ALASKA CLEAN WATER FUND

## State Wastewater Loan Program

### Intended Use Plan – Amended

**FINAL – December 2013**

#### AMENDED ACTION

The 2014 Alaska Clean Water Fund (ACWF) Intended Use Plan (IUP) was amended upon request by system borrowers to include new projects that are in need of immediate funding to meet project scheduling. Two new projects were added with one listed on the Point Source Project Priority Planning List and the other on the Non-Point Source Project Priority List. Communities submitting new projects were Juneau and the Matanuska-Susitna Borough, and the total dollar amount of these projects is \$5,402,309. Other amended actions include updated financials to provide current total available loan funds.

#### 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
- Nonpoint Source Prevention and Restoration Projects
- Sewer Interceptor and Collection Systems
- Enhancement Projects
- Storm Water Collection and Treatment

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

The purpose of this 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.

#### PROGRAM UPDATES

DEC continues to make updates to the Alaska Clean Water Fund Intended Use Plan (IUP) for providing better service to funding recipients and meeting program goals. For this year's IUP, many new changes have been put forth to increase the programs pace which includes but not limited to, executing loans sooner,

having project funds disbursed earlier, and having projects go into repayment sooner after close out. Additionally, some reformatting of the IUP has been made with the most notable change being the consolidation of the project descriptions into the Project Priority Lists. These items and others will be further discussed in detail in the IUP.

## **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. Continue to improve program guidelines and policies to encourage funding on those projects which offer earlier construction starts, earlier loan disbursements, and earlier project close outs and start of repayment.
6. 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.
7. With implementation of new loan program management software, DEC plans to use a more aggressive lending policy based on the needs of the communities. Key factors that will help implement this change include but not limited to implementation of a new minimally required quarterly financial reporting system starting in State Fiscal Year (SFY) 2014, and offering “ready to proceed projects” incentives to complete their projects sooner which will result in a faster turnaround time in the disbursements and repayment process. Overall, this change is expected to result in better cash flow management of the program.

### **Short Term**

1. Under this amended IUP, provide low interest loans of \$13.5 Million dollars to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Provide not less than 10% of the anticipated capitalization grant amount awarded to the State and to the extent there are sufficient eligible project applications, funds for projects to be used for green infrastructure, water or energy efficiency improvements, and environmental innovative activities.
3. Provide at least 20% and no more than 30% of the applicable portion of the anticipated capitalization grant amount as a form of funding subsidy.\*
4. Complete the Anticipated capitalization grant Agreement with the U.S. Environmental Protection Agency (EPA) for Alaska’s FFY13 Title VI allocation.
5. When interim requests are received from communities to add new projects to the IUP, DEC will as needed, amend the IUP to accommodate communities’ needs.
6. To show commitment in promoting sustainability of wastewater facilities, DEC in direction provided under EPA’s Sustainability Policy has added sustainable criteria to project scoring and ranking.
7. For SFY 2014, DEC plans to initiate a new on-line disbursement request/financial reporting system for loan recipients, which minimally must be submitted by recipients every quarter. The

on-line financial report will also be included as part of the current on-line quarterly project status reporting system which was initiated in SFY13. On-line payment reporting is expected to begin at the beginning of the first quarter of SFY 2013 (July 1 – September 30, 2013).

8. DEC will continue to develop and implement a web based access system for incorporating a new financial and project management software package system for better program administration and forecasting. The primary objective for SFY 2014 will be to have data flow between on-line reports (OASys – Online Application System) and the financial management software (LGTS – Loan Grant Tracking System).

\* The amount of subsidization available only applies to the State's capitalization grant portion of the total available federal CWSRF FFY13 allotment amount that is greater than \$1 Billion.

## **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 November 22, 2013)**

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 \$193,136,962.
- The federal grant request to EPA this year will be for \$7,971,000 matched by state funds of \$1,594,200.
- State appropriations of \$19,807,300 and bond receipts of \$19,127,360 were secured earlier.
- Other significant funding sources include investment interest earnings of \$44,265,644, principal repayments on loans of \$147,076,117 and interest repayments of \$26,612,537.
- Investment earnings and principal and interest payments of \$12,469,998 are expected to be paid into the Fund during SFY14.
- The total amount of loan commitments made to date is \$387,881,169. This amount accounts for both increases and deobligated funds from projects that have completed construction.
- The total amount of loan commitments pending to be executed in the SFY14 third quarter amounts to \$13,854,038.
- 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 \$8,044,318 to pay for the costs of administering the program.
- Previous bonding and transactions costs totaling \$19,193,355 include administrative, bond sale and interest costs resulting from the sale of bonds that were incurred in previous years.
- Bonding and transaction costs to be paid are \$1,599,200.

A total of \$13.5 million dollars will be available upon issuance of this amended IUP. The \$13.5 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 Ib).

ADEC draws administrative and subsidy (as principle forgiveness) funding at 100% federal. Draws for loan funding are split between state match and federal funding at a ratio that ensures the full state match requirement is met for the overall award, despite the 100% federal treatment of administrative funds. As of October 31, 2014, all ADEC draws are split between state match and federal funding at a ratio that ensures the full state match requirement is met for the overall award. This loan funding ratio is currently 16.6667% state match, 83.3333% federal.

As of November 22, 2013

**ALASKA CLEAN WATER FUND**

Funding Sources:

Federal Grants		\$ 193,136,962
FFY 13 Federal Allocation Capitalization Grant Request		7,971,000
FFY 13 State Match Appropriation		
Bond Proceeds		1,594,200
State Match, prior years		
State Match - General Funds	\$ 19,807,300	
State Match - Bond Proceeds	<u>19,127,360</u>	
Total State Match		38,934,660
Investment Interest		44,265,644
Repayment		
Loan Principal	147,076,117	
Loan Interest (net of fees)	<u>27,612,537</u>	
Total Repayments		174,688,654
Projected 2014 Repayments and Investment Earnings		<u>12,469,998</u>
<b>Funds Available</b>		<b>\$ 473,061,118</b>

Program Commitments:

Loan Commitments		387,881,169
Pending Loan Commitments:		
ACWF#130281 Anchorage Landfill Leachate Vault	1,700,000	
ACWF#130291 Anchorage Landfill Leachate	3,140,000	
Applications Received:		
ACWF#283091 Dillingham Municipal Landfill	243,000	
ACWF#481161 Ketchikan Schoenbar	2,468,868	
ACWF#503211 KIB Landfill	3,400,000	
ACWF#769061 Seward Lowell Point*	490,000	
ACWF#783341 Sitka Channel, Lake & Monastery	1,379,170	
ACWF#783321 Sitka Monastery & Baranof	533,000	
ACWF#783511 Sitka Hollywood Way Sewer	<u>500,000</u>	
	Total Loan Commitments Pending	<u>13,854,038</u>
Total Loan Commitments		401,735,207
Transfer from ACWF to ADWF		29,000,000
Administrative Set-Aside		8,044,318
Previous Bonding and Transaction Costs		19,193,355
Bonding and Transaction Costs to Be Paid		<u>1,599,200</u>
<b>Total Program Commitments</b>		<b>\$459,572,081</b>

**Net Amount Available for Loans**

**\$ 13,489,038**

# SELECTION OF PROJECTS

## 1. Identification of Priority Projects

A electronic mailing was done on October 28, 2013 informing all interested recipients that the questionnaire was available on-line for the amended IUP. Eligible recipients were invited to complete and submit their questionnaires electronically. Information and details on Green Project Reserve and funding subsidies under the program were included in this initial notification.

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

### Point Source Priority Criteria Summary

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

### 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. Using the project scores from the list, priority lists were prepared which included those projects with the highest rank, limited by the amount of funding expected to be available. With this year's funding, a funding subsidy as principle forgiveness will be offered to eligible projects. Further information on qualifying for a subsidy can be referenced under the section titled "Additional Subsidization – Disadvantage Community Assistance", page 10.

Under this amended IUP, approximately \$2,697,808 is earmarked for projects that address nonpoint source water pollution. During this year's solicitation, six proposals and one new one under the amended IUP solicitation process were received for nonpoint source projects totaling \$17,880,509 and since the total project amount exceeds funds available, any later available funds will be made available first to any underfunded nonpoint source Priority listed project. Subtracting the amount allocated to nonpoint source projects from the total available amount of \$13,489,038 leaves \$10,791,230 to fund point source projects. Funding down the Point Source priority list to the Anchorage – Girdwood Wastewater Treatment Facility – Ph. II project will require \$18,820,483 which exceeds the available amount by \$8,029,253. We will fund this project to the level that there are funds available.

## 2. Project Incentives

New for this year is the addition of extra incentives to encourage projects to be under construction shortly after finalizing the IUP. The following incentives include but are not limited to the following actions.

- If a project questionnaire shows that construction will begin by no later than July 15, 2013, an extra 50 points will be added to the project's overall questionnaire score. However, if during the application process construction start does not begin by this time or can at least be substantiated by a

bid award or notice to proceed documentation; the application processing may be suspended to let other “ready to go” projects proceed with funding.

- Any project on the project priority planning list which can demonstrate having either a bid award made or have a signed construction contract in place at the time of issuance of the final IUP, and be under construction by July 15, 2013, will be allowed to submit a loan application at any time after issuance of the final IUP.

### **3. Public Review and Comments**

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

A second ten day public notice was issued due to needed revisions found from completion of the first public notice period. The public notice period ran from June 21, 2013 through July 1, 2013.

A ten day public notice was issued upon amending the IUP for including new ready to go projects. The public notice period ran from November 27, 2013 through December 6, 2013.

## **DISTRIBUTION OF FUNDING**

### **1. Projects to be Funded**

When all public comments are received, ADEC will then evaluate project ranking and prepare a list of projects. The funding portion of the list (Appendix Ia and Ib) 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.

When found necessary, ADEC will contact communities if project loan requests are determined to be excessive and could limit other project funding. Through negotiations, a revised lower amount through either project phasing or the community seeking other funding sources will be sought.

If a project is listed on a Project Funding Priority List with a subsidy or has demonstrated to be “ready to go” and received an additional 50 ranking points (as described under “Project Incentives” section on page 6 and 7), a project application may be submitted at completion of the IUP public notice period. The application does not need to be complete, but sufficient information should be provided to help initiate a community financial assessment for incurring the debt, and begin the environmental review process.

### **2. Project Information**

Appendices Ia and Ib contain estimated dates for binding loan commitments and construction start, loan terms, disadvantage assistance, Green Project Reserve, subsidies, sustainability type, and project descriptions.

### **3. Disbursements**

The estimated disbursement schedule for Point Source loan projects is presented in Appendix IVa. The estimated disbursement schedule for NonPoint Source loan projects is presented in Appendix IVb. These schedules are based upon target dates contained in Appendices Ia and Ib.



#### 4. Federal Payments

Alaska's proposed payment schedule for the FFY13 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 FFY13 Grant

FFY14 1 <sup>st</sup> Quarter	FFY14 2 <sup>nd</sup> Quarter	FFY14 3 <sup>rd</sup> Quarter	FFY14 4 <sup>th</sup> Quarter
\$1,992,750	\$3,188,400	\$1,594,200	\$1,195,650

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

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.

#### 5. Bypass of Projects

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 in a timely manner (as described in the following paragraphs), it may be bypassed for another project on the priority list that is ready to proceed down to and including planning list projects and this includes projects with listed subsidized amounts. Specific rules on project by-passing are as follows:

- a. If a loan application is not submitted for a project on the fundable portion of the list within two (2) months after first 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.
- b. In this year's federal funding of the ACWF is the requirement to meet minimal funding needs for offering loans with subsidies, soliciting projects with Green eligible components, and identify projects that meet equivalency. To meet these mandated minimal funding needs, the Department will if necessary bypass a priority listed project with the next highest scored eligible project off the planning list which meets these requirements. This bypassing will be done until funding requirements are minimally met.
- c. If any projects are equal in scoring, the following sequence will be used to differentiate between them:
  1. If a project is already under construction or is out to bid, the environmental review has been completed, and the application has been completed, that project will be moved ahead.
  2. If a project requires an earlier construction date, as a result of a compliance agreement or other legal order from EPA or DEC, that project will be placed ahead of the others.
  3. The project has been identified as having Green project components, or identified to meet equivalency.
  4. A project with an earlier anticipated date for submitting a completed application will be moved forward.
  5. If the projects are from the same community, the community may request that one be placed ahead of the other.

6. 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

Federal regulations allow a transfer of up to an amount equal to 33% of the Drinking Water Capitalization Grants. DEC reserves the authority to transfer additional funds as appropriate at some time in the future, between the ACWF and ADWF programs.

### ADDITIONAL LOAN FUND POLICIES - ASSURANCES

#### 1. Binding Commitments

ADEC will enter into loan agreements for 120 percent of the federal anticipated 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. The following table documents the ACWF loan program compliance with that requirement. This calculation is accurate as of April 1, 2013:

##### FUNDS AVAILABLE AS OF JUNE, 2013:

Total Federal Cap Grants Awarded	Total State Match	Total Principal Repayments	Total Interest Repayments	Total Investment Interest	Total Transfers	Total Administrative Set-Aside	Total Bonding Costs	TOTAL FUNDS AVAILABLE
193,136,962	38,933,852	138,155,432	26,549,447	44,265,644	(29,000,000)	(7,725,479)	(19,193,355)	385,122,503
<b>TOTAL BINDING COMMITMENTS AS OF JUNE 15, 2013:</b>								<b>373,187,583</b>
<b>BINDING COMMITMENTS AS A PERCENTAGE OF FUNDS AVAILABLE:</b>								<b>97%</b>

Additionally, to assure expeditious and timely expenditure of funds, a requirement that the first disbursement for a loan be made within two years after signing of the loan agreement has been implemented. If no disbursement is made within the two year period, the Department may take action to recall the loan; however, an extension may be granted upon a community's request, if there is reasonable justification.

#### 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 Clean Water State Revolving Fund loan program with numerous federal laws and authorities (Appendix V). ADEC requires compliance with these federal laws and authorities on selected ACWF loan projects. Projects that are chosen to be an equivalent project are noted only on the Point Source Priority and Planning Lists.

The selection process of an equivalent project will be based on the following criteria:

- Any project receiving a subsidy.
- Any project that comes from a non-disadvantage community and is over 10,000 in population.

The number of equivalent projects selected will be based on the cumulative funding amount of these projects and be shown that the amount equals or exceeds the annual federal anticipated capitalization grant amount.

## **5. Environmental Review**

All projects receiving ACWF financial assistance will be subject to the EPA approved Environmental Review Procedures of the ACWF.

## **6. Reporting**

### **a) FFATA (Federal Funding Accountability Transparency Act)**

DEC is committed to transparency and accountability under FFATA (reporting requirements may be obtained at their website <https://fsrs.gov/> ). Program information, Intended Use Plans, Annual Reports, and other program materials are either posted on the DEC/MGL website: <http://www.dec.state.ak.us/water/MuniGrantsLoans/index.htm>, or may obtain through the program office in Juneau at 410 Willoughby Street, Juneau, AK 999801.

### **b) CBR (Clean Water Benefits) Reporting**

Project milestones and information are reported through EPA's Clean Water Benefits Reporting database. DEC commits to entering benefits information on all projects into CBR by the end of the quarter in which the assistance agreement is signed.

### **c) Quarterly Project Status Reporting**

Quarterly project status reports for all borrowers are required to be filed with the Department once a funding agreement is in place. After an agreement is fully signed, a report must be submitted at the end of every State fiscal quarter thereafter and continue until final disbursement is made. The Department will provide necessary forms for this reporting and the report will be used to provide a project status update and current financial utilization information on the loan.

### **d) Quarterly Financial Reporting**

New for this year's quarterly status reporting is the inclusion of a quarterly financial report, which is anticipated to be implemented on the quarter ending September 30, 2013. The financial report is essentially a disbursement request for the loan which will report quarterly financial information on the project. If the financial report documents expenditures, sufficient supporting documentation will be required so that a disbursement review can be made on determining and making payment on eligible expenses. A borrower may choose to make more frequent reimbursement requests (once a month maximum), but at minimum they will be required to make minimal quarterly requests to meet this new reporting requirement. If no costs are incurred for the reporting quarter, acknowledgement of a simple statement of this fact within the online report will be all that is needed.

### **e) Miscellaneous Reporting**

Additionally, the Department will provide information to EPA as needed for national reports, public inquiries, or Congressional inquiries. DEC will continue to meet the federal Environmental Results Initiative reporting requirements by inputting environmental summaries, referred to as "one-pagers" on ACWF projects, on an on-going basis and not less than quarterly. A summary will be presented in the ACWF annual report.

## **7. Additional Subsidization – Disadvantage Community Assistance**

Under the FFY13 anticipated federal capitalization grant, at least 20% and no more than 30% of the applicable portion (approximately \$375,468 and \$563,202, respectively) of the grant must be offered in

the form of additional subsidies. The Department has chosen to offer a total approximate amount of \$375,468 as additional subsidization, with \$300,374 (80%) for Point Source and \$75,094 (20%) for Non-Point Source as principal forgiveness.

For disadvantaged communities, an amount of 10% or up to a maximum amount of \$200,000 (cumulative per community) will be made with funds available if a project meets the follow criteria.

- The project must be listed on the project priority list and highest ranked projects will be considered first.
- The project must be ready to start construction no later than one year after issuance of the final IUP.
- The community must submit a loan application within two months upon issuance of the final IUP.
- The community must agree to within one year of the date of the signed loan agreement to submit total payment request at least equal to 25% of the total loan amount.

Disadvantaged communities are provided a subsidy as part of their project assistance to help alleviate economic hardships for constructing a capital project. A community is considered disadvantaged if its:

- MHI (Median Household Income) is less than the state average MHI that is currently published by the Alaska Department of Commerce, Community and Economic Development or by the U.S Census Bureau, whichever is greater

OR,

- Rate of unemployment is above the state average unemployment rate that is currently published by the Alaska Department of Commerce, Community and Economic Development or by the U.S Census Bureau, whichever is greater.

For a community to qualify for disadvantaged assistance, they need to meet either one of the above criteria. For Boroughs of the State, the above criteria can be used for a specific community within the Borough if the project is solely benefitting just that community.

If after one year of IUP publication any uncommitted subsidies exist, these funds will be distributed into projects with existing subsidies, or to those projects which are the furthest along in completion of construction. Additionally, the priority lists on Appendix Ia and Ib demonstrates that at least 20% of the anticipated capitalization grant amount will be provided via principal forgiveness. Any subsequent revision to this Fundable Project Priority list will likewise demonstrate that at least 20% of the grant will be provided via principal forgiveness.

## **8. Green Project Reserve (GPR)**

Under the total FFY 13, the anticipated capitalization grant amount awarded to the State, and to the extent there are sufficient eligible project applications, not less than 10% (\$797,100) of funding provided for projects must be used for following category types: green infrastructure, water or energy efficiency improvements, and environmental innovative activities. GPR projects are listed under Appendix Ia and Ib by indication of green project category type and whether project justification is either categorical, or requires a business case demonstration.

Under this IUP, four projects listed on the Project Priority lists have been identified as being a GPR project based on EPA current guidance. The cumulative amount of these projects is \$1,773,032, which exceeds the 10% minimal required amount by \$797,100. The Department will make its best effort to assure adequate participation is made for meeting the minimal reserve amount of \$975,932.

Upon issuance of a loan commitment and to meet federal rules for providing an initial “business case” intent for adequately demonstrating GPR requirements, all eligible GPR projects are required to have their

Department provided Green Project Assessment form with applicable backup documentation posted on the program’s web site by no later than the next reporting quarter; the web address is as follows:

<http://www.dec.state.ak.us/water/MuniGrantsLoans/greenproj.htm>

When a project is designed/bid ready, a complete Business Case will be required and posted on the basis that all equipment/material, performance specifications, and associated costs will be available.

Additionally, once a project is complete and prior to completion of the project performance period, the borrower will be required to submit a follow up report demonstrating the effectiveness of the GPR project. This report will also be put on the program’s GPR posting web site.

### 9. Sustainability Policy

DEC is committed to promoting sustainable design and management of wastewater utilities, and clean water resources. Projects that meet DEC's sustainability criteria are eligible for up to 50 bonus points in the priority ranking system. Further details on sustainability criteria may be referenced under Appendix III.

### 10. Davis-Bacon

EPA’s FFY2012 appropriations bill permanently required the application of Davis-Bacon prevailing wage rates to all treatment works projects funded in whole or in part by the CWSRF. Davis-Bacon applies to construction contracts over \$2,000 and their subcontractors (regardless of the subcontract amount).

To ensure compliance with these requirements, DEC will confirm that the correct wage determinations are being included in the bid specifications and/or construction contracts. DEC will also provide assistance recipients with the specific EPA Davis-Bacon contract language that is to be included in bid specifications and/or contracts. In addition, DEC will collect Certifications of Davis-Bacon compliance from assistance recipients with disbursement requests.

## 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 14, ADEC is requesting \$318,840 to be used in administering the program. This request combined with administrative funds used totals \$6,953,761. As the table below shows, ADEC has not yet requested the allowable amount of \$8,044,318 for administering the program. A total of \$1,090,557 is being reserved for future administrative costs.

**Calculation of Administrative Reserves**

**FFY 13 Grant**

Federal grants prior to FFY 13		\$193,136,962
FFY 13 Capitalization Grant		<u>7,971,000</u>
	<b>Total federal grant requested</b>	<b>\$201,107,962</b>
Allowable administrative funds (4% of \$201,107,962)		\$8,044,318
Administrative funds requested prior to FY14		\$6,634,921
SFY 14 administrative amount requested		<u>318,840</u>
	<b>Total administrative funds requested</b>	<b>\$6,953,761</b>

Allowable administrative funds	\$8,044,318
- Total Administrative funds requested	<u>6,953,761</u>
<b>Amount to be reserved</b>	<u>\$1,090,557</u>

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 April 1, 2013, the program has collected \$5,522,354\*. For SFY 2014, the program anticipates collecting another \$526,624 in program fees.

\*subject to reconciliation

### **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 ½ 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 overall finance charge.

### **Capitalization Requirements**

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

A required state match equaling 20 percent of the federal anticipated capitalization grant \$1,634,190 will be deposited into the fund. Each loan payment made from the fund will follow the EPA rules of proportionality.

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 avoids use of any general funds from the State budget. This process effectively substitutes bond receipts for interest income. ADEC is required to document that sufficient interest income exists in an amount equal to or greater than the proposed bonding amount and that this process will still allow the Fund to grow in perpetuity. ADEC's program audits have documented the availability of the required amount of interest.

## **CONTENT OF APPENDICES**

- Appendix Ia. Point Source Planning Priority & Planning Lists
- Ib. Non-Point Source Funding Priority & Planning Lists
  
- Appendix IIa. Point Source Priority Criteria
- IIb. Non-Point Source Priority Criteria
  
- Appendix III. Public Comments
  
- Appendix IVa. Estimate Disbursement Schedule for Point Source Projects
- IVb. Estimated Disbursement Schedule Non-Point Source Project
  
- Appendix V. Federal “Cross-Cutter” Authorities

# **APPENDIX Ia**

## **ALASKA CLEAN WATER FUND**

### **Point Source Funding Priority & Planning Lists**



**ALASKA CLEAN WATER FUND**  
**Amended - Point Source Funding Priority List**  
**Fiscal Year 2014**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy <sup>3,4</sup>	Green Project Amount <sup>5</sup>	Green Project Type <sup>5</sup>	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy <sup>6</sup>
1	660	AK-0021458	III(b)	Petersburg	Scow Bay 1 Pump Station Upgrade	Inadequate wet well storage capacity and undersized pumps replaced with properly sized and rated submersible pumpstation, and which will include high efficiency pumps and controls.	\$400,000	1.50%	20		\$400,000	ENG-BC	7/1/2013	4/1/2014	Fix it First
2	655	AK-0021547	I	Cordova ♦	Wastewater Treatment Facility Compliance Upgrades ■	Work includes constructing an office addition and enclosure for the headworks system, updating the aeration system and installing a disinfection system, and citywide SCADA upgrades to collection systems.	\$1,458,300	1.50%	20	\$145,830	\$475,000	ENG-BC	11/11/2013	11/18/2013	Fix it First
3	655	AK-0021458	III(b)	Petersburg	Pumpstation 1 Force Main Upgrade	Pumpstation #1 D.I.P force main will be installed within the South Nordic Drive right of way and will require upgrades to the pumpstation and its pumping system, which will include high efficiency pumps and controls.	\$2,093,315	1.50%	20		\$898,032	ENG-BC	7/1/2013	4/1/2014	Fix it First
4	630	AK-0021440	III(b)	Ketchikan ♦	Schoenbar Road Sewer Main Replacement ■ <sup>1</sup>	Install 2,200-lineal feet of 8"-12" C900 PVC sewer mains, and (12) sewer manholes, in approximately 1,400 feet of roadway.	\$2,468,868	1.50%	20	\$154,544			7/1/2013	1/1/2014	Fix it First
5	620	AK-0021431	III(b)	Anchorage	Fish Creek Interceptor Rehab ■	Sewer interceptor condition assessment and upgrade project.	\$2,400,000	1.50%	20				7/1/2013	7/31/2013	Fix it First
6	590	AK-0021474	I	Anchorage	Girdwood Wastewater Treatment Facility - Ph II ■ <sup>2</sup>	This project will include various upgrades to the Girdwood Wastewater Treatment Facility and the expansion of the Girdwood Wastewater Treatment Facility.	\$10,000,000	1.50%	20				7/1/2013	4/23/2012●	Fix it First

♦ Disadvantaged Community (criteria may be referenced on page 10)

■ Equivalency Project (criteria may be referenced on page 9)

● Extra 50 points for "ready to go projects" or construction by July 15, 2013

Total Requested Amount: **\$ 18,820,483**

Total Subsidized Amount<sup>3</sup>: **\$ 300,374**

Total Equivalency Amount: **\$ 16,327,168**

Total Green Amount<sup>5</sup>: **\$ 1,773,032**

<sup>1</sup> Subsidy funding for the Ketchikan - Schoenbar Road Sewer Main Replacement project is limited to available subsidy funds.

<sup>2</sup> Full funding of the Anchorage - Girdwood Wastewater Treatment Facility - Ph II project for \$10,000,000 will be dependent upon remaining available loan funds. The Department will negotiate with Anchorage to provide additional funds as they become available later in the year. Additionally, the project was by-passed to the priority list to meet minimal equivalency requirements.

<sup>3</sup> Total available loan and subsidy funding amounts under this amended IUP are \$13,489,038 and \$375,468, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$10,791,230 & \$300,374 of subsidy) and Non-Point Source Priority List (\$2,697,808 & \$75,094 of subsidy) projects. Note, any additional subsidy that is not awarded to Non-Point Source projects will be awarded to Point Source projects or vice-versa if necessary.

<sup>4</sup> Criteria for being eligible for a loan subsidy may be referenced on page 10 under the narrative section of the IUP.

<sup>5</sup> Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

<sup>6</sup> Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - improve technical, financial and managerial capacity of the system; and, "Planning" - planning and development of alternative projects that reflect the full life cycle cost of infrastructure.

**ALASKA CLEAN WATER FUND**  
**Amended - Point Source Funding Priority Planning List**  
**Fiscal Year 2014**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy <sup>1</sup>	Green Project Amount <sup>2</sup>	Green Project Type <sup>2</sup>	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy <sup>3</sup>
7	620	AKG-572019	IV(a)	Ketchikan Gateway Borough ♦	South Tongass Wastewater Main Extension	Construct a new wastewater main extension to service a population of around 938 and eliminate four major ocean outfalls. Improvements will improve operating efficiency of the area wastewater system.	\$2,858,053	1.50%	20				7/2/2013	9/4/2013	Improve TFM
8	620	AK-0021458	III(b)	Petersburg	Kiseno Street Sewer Main Replacement	Replace existing deteriorated AC sewer main on Kiseno St.	\$150,000	1.50%	20				7/1/2013	4/1/2014	Fix it First
9	615	AK-0021440	III(b)	Ketchikan ♦	Chatham Avenue Sewer Main Replacement	Install 488-lineal feet of 8" C900 PVC sewer mains, (2) sewer manholes, and (16) services installed to the edge of the right-of-way, in approximately 540 feet of roadway.	\$958,806	1.50%	20				7/1/2013	1/1/2014	Fix it First
10	615	AK-G570021	III(b)	Bristol Bay Borough ♦	Sewage Line Relocation of the Beach	This project would design and construct the relocation of a 4,750 foot sewerage line off the beach that is eroding.	\$958,806	1.50%	20				7/15/2013	8/15/2013	Fix it First
11	570	AK-0021431	III(b)	Anchorage	West 71st Avenue Sewer Rehab ■	This project will upgrade approximately 860 feet of 8 inch AC pipe that has recurring maintenance issues associated with clogs/backups.	\$800,000	1.50%	20				7/1/2013	6/3/2013●	Fix it First
12	570	AK-0021431	III(b)	Anchorage	Wonder Park Sewer Upgrade ■	This project is intended to upgrade approximately 620 feet of 8-inch pipe that has insufficient capacity to 10-inch pipe and address corrosion issues.	\$1,300,000	1.50%	20				7/1/2013	6/3/2013●	Fix it First
13	545	AK-0023213	III(b)	Sitka	Monastery & Baranof Sewer - SMC to DeGroff	This project will replace aging/failing sewer mains with new C900 PVC pipe thereby reducing I&I.	\$533,000	1.50%	20		\$533,000	ENG-BC	7/1/2013	5/1/2014	Fix it First
14	545	AK-0023213	III(b)	Sitka	Channel, Lake & Monastery Lift Station Upgrades	This project will replace aging/failing sewer lift stations with state of the art submersible pump lift stations.	\$1,379,170	1.50%	20		\$1,379,170	ENG-BC	7/1/2013	2/3/2014	Fix it First
15	530	0222 DB001	I	Mat-Su Borough ♦	Talkeetna Sewage Lagoon Wetland Re-Vegetation	Wastewater treatment system constructed wetland rejuvenation.	\$330,000	1.50%	20		\$329,550	EIN-BC	8/1/2013	5/1/2014	Fix it First
16	520	AK-0021385	I	Haines ♦	Sewer Treatment Plant Health and Safety Upgrades	This project consists of improvements to the screening process that removes and treats raw sewage particulates at the wastewater treatment facility, and replaces the existing belt filter press with a screw press.	\$1,215,000	1.50%	20		\$1,215,000	ENG-BC	7/1/2013	9/2/2013	Fix it First
17	510	AK-0021458	III(b)	Petersburg	Sewer Upgrades Phase 2	Replace aging and failing asbestos cement sewer lines on streets that include Valkyrie Street, Aaslaug Street and Lake Street.	\$524,500	1.50%	20		\$524,500	ENG-BC	8/1/2013	5/1/2014	Fix it First
18	475	2003DB0096-1016	I	Craig ♦	Wastewater Treatment Plant Electrical Generator	Design, purchase, and installation of a diesel-fired generator to provide emergency electrical power to the Craig Wastewater Treatment Plant.	\$143,500	1.50%	20				7/1/2013	4/4/2014	Improve TFM
19	455	AK-0021385	I	Haines ♦	Sewer Plant Roof Replacement	Replacing structurally unsound roofs on three wastewater treatment buildings.	\$500,000	1.50%	20		\$475,000	ENG-BC	7/1/2013	7/2/2013●	Fix it First
20	440	AK-0021555	I	Kodiak ♦	Bio-Solid Handling and Disposal	New composting facility or other potential modifications to the WWTP that might include digestion or possibly even incineration.	\$5,000,000	1.50%	20				7/1/2013	7/1/2013●	Improve TFM

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 9,625,170**

■ Equivalency Project (criteria may be referenced on page 9)

Total Subsidized Amount<sup>3</sup>: **\$ -**

● Extra 50 points for "ready to go projects" or construction by July 15, 2013

Total Priority & Planning Amount: **\$ 28,445,653**

Total Green Amount<sup>5</sup>: **\$ 4,456,220**

<sup>1</sup> Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

<sup>2</sup> Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

<sup>3</sup> Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - improve technical, financial and managerial capacity of the system; and, "Planning" - planning and development of alternative projects that reflect the full life cycle cost of infrastructure.

**ALASKA CLEAN WATER FUND  
Amended - Point Source Funding Priority Planning List (Continued)  
Fiscal Year 2014**

Rank	Score	APDES Permit Number	Category	Community	Project Title	Project Description	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy <sup>1</sup>	Green Project Amount <sup>2</sup>	Green Project Type <sup>2</sup>	Estimated Binding Commitment	Estimated Construction Start	Sustainability Policy <sup>3</sup>
21	435	AK-0021385	III(b)	Haines ♦	West Fair Drive Sewer Main Replacement	Installation of approximately 1,000' of new 8" PVC sewer line and three manholes along West Fair Drive.	\$160,000	1.50%	20				7/1/2013	7/1/2013●	Fix it First
22	420	AK-0021458	III(b)	Petersburg	Haugen Drive Collection System Upgrades	Rehabilitate failing wastewater infrastructure underneath Haugen Drive, from 8th Street to North Nordic Dr.	\$600,000	1.50%	20				7/1/2013	4/1/2014	Fix it First
23	420	AK-0021458	III(b)	Petersburg	South Nordic Collection System Repairs	Repair wastewater collection system deficiencies under South Nordic drive concurrent with upcoming ADOT repaving project.	\$200,000	1.50%	20				7/2/2013	9/4/2013	Fix it First
24	420	AK-0021431	VII(j)	Anchorage	Landfill Leachate Hauling Equipment ■	Purchase three(3) semi-trucks for hauling leachate from the landfill collection lagoon to the AWWU Turpin Street Septic Hauler Station.	\$401,000	1.50%	20				10/31/2013	5/1/2014	Fix it First
25	410	2007DB0003	III(b)	Nome ♦	East Nome Water-Sewer Replacement	Phased project to replace failed and failing direct buried "Sclaircore" sewer piping on the East end of Nome.	\$1,000,000	1.50%	20		\$1,000,000	ENG-BC	4/1/2014	3/1/2014	Fix it First
26	385	2003DB0096-1016	III(b)	Craig ♦	Replace Water Street Pump Station	Replacement of an obsolete and high maintenance lift station approaching the end of its useful life.	\$401,000	1.50%	20				7/1/2013	8/1/2013	Fix it First
27	350	?	III(b)	Mat-Su Borough ♦	Talkeetna Sewer Standby Generators	Provide new transfer switches for two trailer mounted generators and installation at two sewer lift stations, and new generators & switches for a third lift station and the Utility Warm Storage/Office Facility.	\$315,000	1.50%	20				7/18/2013	8/15/2013	Improve TFM
28	320	AK-0022951	III(b)	Juneau	Glacier Highway Sewer Improvements	Work includes replacement of 2500' of sewer force main along Glacier Highway from Anka Street to Davis Avenue and the Gruening Park sewage pumping station.	\$1,150,000	1.50%	20				1/27/2014	4/1/2014	Fix it First
29	295	AK-0021474	I	Anchorage	GWWTf Outfall ■	Evaluate the GWWTf outfall for the effects of mixing and spawning due to the uncertainty of meeting receiving water quality standards.	\$5,000,000	1.50%	20				7/1/2013	10/1/2014	Fix it First
30	240	AK-0021393	I	North Pole ♦	WWTP Renovation, Ph. 2	Work includes but is not limited to building mechanical, electrical, structural and control upgrades, system wide SCADA communication integration, and energy efficient equipment replacements.	\$1,500,000	1.50%	20		\$375,500	ENG-BC	12/2/2013	8/1/2014	Fix it First
31	215	N/A	I	Mat-Su Borough ♦	Septage Treatment Facility	Design and construction of a new septage treatment and disposal facility in the Palmer/Wasilla area to minimize citizen disposal costs and reduce environmental impacts by eliminating current out of area hauling.	\$18,165,300	1.50%	20		\$1,108,900	ENG-BC	12/1/2013	6/1/2016	Improve TFM
32	170	AK-0022951	I	Juneau	CBJ Mendenhall WW Plant Facility Plan Update ■	This project will include replacement of an existing undersized wet well, corroded steel utility vault, electrical system, site improvements, replacement of a segment of existing pressure main, and related work.	\$190,000	1.50%	20				8/1/2013	N/A	Improve TFM
33	170	AK-0022951	I	Juneau	CBJ Juneau Douglas WW Plant Facility Plan Update ■	This project will include improvement of fats, oil, and grease interception, oxygenation, biosolids processing/ truck loading system, outfall structure, control upgrades, and other plant components.	\$100,000	1.50%	20				8/1/2013	N/A	Improve TFM
34	110	2003DB0096-1016	III(b)	Craig ♦	Subdivision Wastewater Collection Improvements	Installation of wastewater collection mains, manholes, and services in the City-owned Tanner Crab Court Subdivision and Salmonberry Subdivision.	\$200,000	1.50%	20				7/1/2013	6/3/2013●	Improve TFM

♦ Disadvantaged Community (criteria may be referenced on page 10)

■ Equivalency Project (criteria may be referenced on page 9)

● Extra 50 points for "ready to go projects" or construction by July 15, 2013

Total Requested Amount: **\$ 28,021,300**

Total Subsidized Amount<sup>3</sup>: **\$ -**

Total Priority & Planning Amount: **\$ 56,466,953**

Total Green Amount<sup>5</sup>: **\$ 2,484,400**

Total Point & Planning Source Green Amount<sup>5</sup>: **\$ 8,713,652**

<sup>1</sup> Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

<sup>2</sup> Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

<sup>3</sup> Sustainability Policy - "Fix it First" - fix existing critical infrastructure; "Improve TFM" - improve technical, financial and managerial capacity of the system; and, "Planning" - planning and development of alternative projects that reflect the full life cycle cost of infrastructure.

# **APPENDIX Ib**

## **ALASKA CLEAN WATER FUND**

### **Non-Point Source Funding Priority & Planning Lists**

# ALASKA CLEAN WATER FUND

## Amended - Non-Point Source Funding Priority List Fiscal Year 2014

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount <sup>2</sup>	Finance Charge Rate	Term (Yrs)	Subsidy <sup>2,3</sup>	Green Project Amount <sup>4</sup>	Green Project Type <sup>4</sup>	Estimated Binding Commitment
1	150	Anchorage	ARL Stormwater Management	The project will collect and divert stormwater from the closed landfill surfaces and divert the water to an infiltration pond.	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).	\$700,000	1.50%	20		\$700,000	GIF-BC	10/31/2013
2	130	Kodiak Island Borough ♦	Landfill Lateral Expansion, Phase III <sup>1</sup>	Construction of a new leachate treatment plant as part of the Kodiak Landfill Lateral Expansion project.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 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, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$3,000,000	1.50%	20	\$75,094			9/1/2013

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 3,700,000**

Total Subsidized Amount<sup>3</sup>: **\$ 75,094**

Total Green Amount<sup>5</sup>: **\$ 700,000**

<sup>1</sup> Full funding of the Kodiak Island Borough - Landfill Lateral Expansion, Phase III project for \$3,000,000 will be dependent upon remaining available loan funds. The Department will negotiate with the Kodiak Island Borough to provide additional funds as they become available later in the year.

<sup>2</sup> Total available loan and subsidy funding amounts under this amended IUP are \$13,489,038 and \$375,468, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$10,791,230 & \$300,374 of subsidy) and Non-Point Source Priority List (\$2,697,808 & \$75,094 of subsidy) projects. Note, any additional subsidy that is not awarded to Non-Point Source projects will be awarded to Point Source projects or vice-versa if necessary.

<sup>3</sup> Criteria for being eligible for a loan subsidy may be referenced on page 10 under the narrative section of the IUP.

<sup>4</sup> Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

# ALASKA CLEAN WATER FUND

## Amended - Non-Point Source Funding Priority Planning List Fiscal Year 2014

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy <sup>1</sup>	Green Project Amount <sup>2</sup>	Green Project Type <sup>2</sup>	Estimated Binding Commitment
3	115	Mat-Su Borough ♦	Central Landfill Cell 2A Closure	The landfill closure project will minimize the contamination of the groundwater from the solid waste currently stored in Cell 2A by reducing the infiltration into the groundwater with placement of a finish cap.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 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, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$4,252,309	1.50%	20				2/12/2014
4	105	Unalaska ♦	Landfill Phase II Expansion	Relocation of the existing Summer Bay Road westward to the shoreline of Iliulik Bay; expansion of the landfill proper to the West with filling to occur between the relocated roadway and the existing landfill cells; leachate handling improvements and a leachate flow leveling tank; & partial permanent cover to Cell 3.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 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, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$8,788,200	1.50%	20				7/15/2013
5	95	Petersburg	Landfill Slope Stabilization Project	This project will stabilize slopes within the Petersburg landfill by covering and capping portions of the landfill to cover scrap metal piles, and having slopes graded, sloped and seeded to avoid water infiltration and leachate production and erosion of the landfill cap.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met,." Additionally, on pages 82 - 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, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$400,000	1.50%	20				8/1/2013

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$13,440,509**

Total Subsidized Amount: **\$ -**

Total Green Amount: **\$ -**

<sup>1</sup> Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

<sup>2</sup> Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

# ALASKA CLEAN WATER FUND

## Amended - Non-Point Source Funding Priority Planning List (Continued) Fiscal Year 2014

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount	Finance Charge Rate	Term (Yrs)	Subsidy <sup>1</sup>	Green Project Amount <sup>2</sup>	Green Project Type <sup>2</sup>	Estimated Binding Commitment
6	95	Dillingham ♦	Municipal Landfill Waste Processing System	A project study will be made to assess the best option for procurement of a waste processing system for the City's municipal landfill by 2014 to eliminate open burning of refuse, meet permitting requirements, and reduce water quality impacts to the surrounding area.	The EPA approved Alaska's Strategy identifies as a priority under Urban and Community Action Plan (UR-B, pg. 31), "Provide education, technical and financial assistance to communities to ensure good drinking water and basic sanitation and sewage disposal needs are met.," Additionally, on pages 82 - 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, and comes under a listed grouping of nonpoint projects in this section as "Capping and closing out existing landfills and the water quality related portions of new landfills."	\$400,000	1.50%	20				8/1/2013
7	75	Homer ♦	City of Homer Storm Water Master Plan	Master plan development will mitigate storm runoff through the use of a wide variety of practices, education programs and technologies.	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).	\$340,000	1.50%	20				7/1/2013

♦ Disadvantaged Community (criteria may be referenced on page 10)

Total Requested Amount: **\$ 740,000**

Total Subsidized Amount: **\$ -**

Total Priority & Planning Amount: **\$17,880,509**

Total Green Amount: **\$ -**

Total Point & Planning Source Green Amount: **\$ 700,000**

<sup>1</sup> Criteria for being eligible for a loan subsidy may be referenced on page 9 under the narrative section of the IUP.

<sup>2</sup> Green Project Reserve Category Type: GIF- Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Green Project Justification Type: BC - Business Case / CAT - Categorical. Funding for Green projects is based on meeting a minimal required amount of \$797,100 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

# **APPENDIX IIa**

## **ALASKA CLEAN WATER FUND**

### **Point Source Priority Criteria**





# ALASKA CLEAN WATER FUND STATE REVOLVING FUND (SRF) PRIORITY CRITERIA FOR SFY14 POINT SOURCE PROJECTS

*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.*

<u><b>PUBLIC HEALTH CONSIDERATIONS (only one)</b></u>	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
4. This project has no significant health related issues	0
<u><b>WATER QUALITY CONSIDERATIONS (only one)</b></u>	
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
4. This project will minimal impact on future pollution events	0

**RECEIVING WATER USE (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 waters/estuaries   |    |
|    | propagation of fish, shellfish, etc., as a food source                        | 5  |
|    | water contact recreation  | 2  |
| 3. | This project will not significantly address any adverse water quality impacts | 0  |

**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 approved engineered plans and has a prepared or completed environmental review.                    | 40 |
| 3. | Engineering plans have been prepared.   | 30 |
| 4. | A feasibility study for this project has been prepared.   | 20 |
| 5. | No planning or study document has been completed.   | 0  |

**FUNDING COORDINATION (only one)**

- |    |  |    |
|----|--|----|
| 1. | This project will use other state, federal or local funds. | 15 |
| 2. | Not yet determined.  | 0  |

**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 |
| 3. | Not yet determined.   | 0  |

Assigned  
Points

**SUSTAINABILITY PROJECTS (only one)**

- |    |                              |    |
|----|------------------------------|----|
| 1. | Fix It First Projects        | 50 |
| 2. | Effective Utility Management | 25 |
| 3. | Planning                     | 25 |
| 3. | Not Applicable               | 0  |

**AFFORDABILITY CRITERIA (only one)**

- |    |  |             |    |
|----|--|-------------|----|
| 1. | Loan cost to population benefiting ratio |             |    |
|    | Cost/population ratio                    | 0 - 400     | 15 |
|    | Cost/population ratio                    | 401 - 4,000 | 10 |
|    | Cost/population ratio                    | > 4,000     | 5  |

# **APPENDIX IIb**

**ALASKA CLEAN WATER FUND**

**Non-Point Source Priority Criteria**



# ALASKA CLEAN WATER FUND STATE REVOLVING FUND (SRF) PRIORITY CRITERIA FOR SFY14 NON-POINT SOURCE PROJECTS

*Alaska has established the following criteria to prioritize non-point source projects seeking funding from the Alaska Clean Water Fund, the Clean Water Act State Revolving Loan Fund. These criteria allow traditional and nontraditional non-point 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 the non-point source SRF ranking process.*

<u><b>WATER QUALITY CONSIDERATIONS (only one)</b></u>	Assigned Points
<b>PREVENTION</b>	
This project's main emphasis is prevention of non-point 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
 <b>RESTORATION</b>	
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
 <b>STEWARDSHIP</b>	
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

Assigned  
Points

**LOCAL INITIATIVE CONSIDERATIONS (only one)**

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
A feasibility study is proposed, or no action has been taken	0

**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
Not yet determined	0

**ABILITY TO REPAY (both possible)**

A viable repayment source has been identified.	10
Financial instruments, ordinances, agreement, etc., are in place to assure repayment.	10
Not yet determined	0

**NPS STRATEGY IDENTIFIED PRIORITIES (determined by ADEC)**

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**

### **Public Comments**

**During the 30 day April 15<sup>th</sup> – May 14<sup>th</sup>, 2013 public comment period, EPA provided primary comments on the draft IUP. EPA's questions and follow up by the Department are as follows:**

**Page 4**

EPA - Cash draw ratio needs to be specifically identified for FFY 13 grant only (not just listed as "currently") since the proportionality ratio used each year varies and multiple grants are still open.

DEC - Correction noted.

**Page 5**

EPA - The State Match – Bond Proceeds amount is overstated – get updated numbers from DAS. Also, the FFY 13 Cap Grant allocation should be revised from \$8,170,950 to \$7,971,000 (and related calculations, like Match) per the FFY 13 Final Allotments notice sent this week.

DEC - Correction noted.

**Page 6**

EPA - The calculations need to be updated based on the new FFY 13 allocation. In addition, the sentence reading "Subtracting the amount allocated to nonpoint source projects.... \$29,207,196 leaves \$23,365,757 to fund point source..." had a calculation error - \$23,365,757 is actually 80%, not the remainder of \$4,440,000 subtracted (which would be \$24,767,196). Make sure that is corrected when the numbers are updated.

DEC - Correction noted.

EPA - Last paragraph – is the date accurate in "...construction will begin no later than July 15, 2013, an extra 50 points will be added..." Or was that meant to be July 15, 2014? In the previous paragraph it states "to encourage projects to move to be under construction within one year after signing their funding agreement." Therefore the 2013 date appears to be a typo.

DEC - No – the date is correct and we will clarify the wording better in the first part of this section.

**Page 7**

EPA - Same as previous comment, first paragraph – is the date accurate in "...under construction by July 15, 2013 ..." Or was that meant to be July 15, 2014?

DEC - Same comment as previous.

**Page 8**

The Quarters listed in the payment schedule appear to be one year out of date, and should be FFY13 4<sup>th</sup> Qtr, FFY14 1<sup>st</sup> Qtr, FFY14 2<sup>nd</sup> Qtr, and FFY14 3<sup>rd</sup> Qtr. In addition, the amounts (at least one) need to be adjusted to total the actual FFY13 allotment of \$7,971,000.

[Correction noted.]



## **Page 10**

EPA - FFATA section is incomplete – if called FFATA it should include the FFATA requirements: fields entered into CBR, monthly reporting of loans signed into the [www.fsr.gov](http://www.fsr.gov) website, etc.

DEC - Section will be updated accordingly.

EPA – Section 7 update ASR range/values from new appropriation guidance (\$375,468 and \$563,202 respectively)

DEC - Correction noted.

## **Page 11**

EPA – Section 7 disadvantaged criteria – this looks new this year “...to qualify for disadvantaged assistance, they need to meet both above criteria.” If that’s accurate then the conjunction between the bullets above should be changed from “OR,” to “AND,”

DEC - Section will be updated to clarify that its one “OR” the other.

## **Page 11**

EPA – Section 8 – GPR: the key Business Case phase is missing, the process we’ve discussed at recent reviews includes: 1) Posting the Green Assessment Form (as a BC place-holder) in the quarter of loan signed; 2) Posting the actual Business Case once the project is designed/at project bid since actual equipment, performance specs, and associated costs will be available [this is the key phase]; 3) At project completion, a review/update of the Business Case to ensure the GPR components the borrower said it was going to do was actually done (i.e. ensure the borrower didn’t use any bait-and-switch tactics.)

DEC - This section will be updated accordingly.

## **Page 12**

EPA - 10 – Davis-Bacon: guidance technicality – either refer to FFY 13 continuing resolution or that FFY 12 appropriation makes Davis-Bacon requirements permanent for future fiscal years.

DEC - Correction noted.

## **Page 12**

EPA - Admin Reserves table – FFY 13 Cap Grant amount needs to be updated to \$7,971,000 and calculations adjusted (4% admin, etc.)

DEC - Correction noted.

## **Appendix I**

EPA - #6 – Ketchikan South Tongass extension: the project description sounds like new a service area, how does this adhere to the sustainability policy? “Improve TFM” is not clear from description.

DEC - This is an existing separated sewer service area, and the project will eliminate current multiple existing sewer system and their outfalls which will improve overall TFM for this area.

EPA - #21 – Anchorage Leachate Hauling: unclear of the following in the current project description – what is meant by three tractors for hauling leachate? Does this mean tanker trailers towed by a semi- truck, or actual tractors, such as a D9 Caterpillar? Also, how is this being considered GPR-EE?

DEC - Yes – these a semi-trucks for hauling leachate tankers. For GPR, the new trucks will be more fuel efficient than older trucks which overall will save in energy costs for the utility.

EPA - #3 – Petersburg Pumpstation 1: the project description doesn't seem very supportive of GPR-EE work – on the surface it sounds like a new force main line with some pumping/pump station retrofitting. What is the basis for \$898,032 of GPR eligible costs?

DEC - The following wording is provided from the community: *The pumps within Pumpstation 1 are over 30 years old. They are inefficient both hydraulically and electrically. Upgrading these pumps to modern, energy efficient models will decrease the power needs of the pump station. The portion of the project related to the pump station upgrade is approximately 43% or \$898,032.*

EPA - #12 – Sitka Monastery & Baranof Sewer: For I&I projects, since a business case is always required, the analysis of the project needs to demonstrate it will be cost-effective, meaning that there would need to be \$533,000 in energy savings over the life of the project (typically 40 years) – that is a pretty high threshold to achieve, though possible in Alaska due to high energy costs. Has that criteria been considered yet?

DEC - Detailed information on the GPR for this project will submitted at time of application.

EPA - #13 – Sitka Channel, Lake & Monastery: again, unclear how this would be GPR eligible – are recipients review the FFY 12 GPR criteria? For retrofit projects, there needs to be a 20% energy reduction or greater to be categorically eligible based on comparing new equipment name plate data to the existing equipment name plate data (when it was new), not on its current aged performance. If not, a business case can be completed, but the cost-effectiveness threshold demonstrating the energy savings over the life of the project can be difficult to achieve.

DEC - This GPR for this project is intended to be submitted as a business case, and detailed information on the GPR component(s) will submitted at time of application.

EPA - #16 – Petersburg Water and Sewer upgrades: is this an I&I project? If not, doesn't seem to meet GPR-EE based on current description.

DEC - The following wording is provided from the community: *Replacement of leaking sewer lines will reduce I&I. The costs of pumping and treating storm water will be reduced greatly due to the elimination of this water from the system and the need for it to be pumped by many consecutive pump stations before it enters the treatment plant. Unwanted storm water equals wasted energy.*

EPA - #18 – Haines Sewer Plant Roof: not sure how this would be considered GPR-EE. Are they planning to install green roofs and then be under GPR-GI?

DEC - The following wording is provided from the community: *The current condition of the wastewater treatment facility is in various states of disrepair. Due to the numerous leaks and moist environment, the insulation in the roof is saturated in many places and deteriorating and has little or no r-value. The utility spends approximately \$30,000 per year, 10% of the annual operating budget, heating the building to 45 degrees. The heating bill for the wastewater treatment plant is the third highest bill in the Borough behind the school and the performing arts center.*

EPA - #24 – East Nome water-sewer replacement: is this an I&I project? If not, doesn't seem to meet GPR-EE based on current description.

DEC - The following wording is provided from the community: *Shifting of buried piping has occurred with the melting of permafrost resulting in significant leaks and widespread shutdowns, requiring extensive emergency repairs. The replacement system will deliver equal or better service with less water wasted, and hence less pumping and resulting energy savings. It will also reduce potential discharge of wastewater to the environment.*

EPA - #27 – North Pole WWTP renovation: Sounds like this could be GPR-EE – just need to ensure recipient understands for retrofit projects, there needs to be a 20% energy reduction or greater to be categorically eligible based on comparing new equipment name plate data to the existing equipment name plate data (when it was new), not on its current aged performance. If not, a business case can be completed, but the cost-effectiveness threshold demonstrating the energy savings over the life of the project can be difficult to achieve.

DEC - This GPR for this project is intended to be submitted as a business case, and detailed information on the GPR component(s) will be submitted at time of application.

EPA - #1 Anchorage ARL stormwater mgmt – is there a NPDES permit for this landfill? If so, not considered NPS project.

DEC - [The project is for handling and disposal of stormwater onsite, there is no direct connection of this project to leachate collection, treatment and disposal. If you still want this to be under the 212 projects please let us know.]

EPA - #4 Homer Storm Water Master Plan - this might be all or partially GPR eligible, if the stormwater plan will include incorporation of GI and LID techniques.

DEC - Yes – the project has Green components but was not requested to be considered by the community.

**During the second 10 day June 21<sup>st</sup> – July 1<sup>st</sup>, 2013 public comment period, EPA provided primary comments on the draft IUP. EPA’s questions and follow up by the Department are as follows:**

**Page 4 – Funding Sources section, last paragraph on page**

EPA - DEC can't draw construction projects at 83.33% Federal/16.67% State if the intent is still to draw admin & subsidy (ASR) at 100% since that would under-match the grant

Since DEC is using different proportionality ratios for the different grants the specific ratio for the specific grant needs to be described (i.e. use something similar to "FFY2013 grant" or "Federal 2013 cap grant")

DEC - Section will be updated accordingly.

**Page 7 – Public Review and Comments section**

EPA - Add piece about the 10 day process you're currently doing

DEC - Section will be updated accordingly.

**Page 10 – Additional Subsidization section, last sentence**

EPA - Minor math error,  $\$300,374 + \$75,074 = \$375,448$  and not  $\$375,068$  as needed. The second number should be  $\$75,094$ , which is 20% of  $\$375,068$

DEC – Correction noted.

**Page 11 – GPR section, business case info**

Comment made from last submittal still not addressed: the key Business Case phase (#2) is missing, the process we've discussed at recent reviews includes: 1) Posting the Green Assessment Form (as a BC placeholder) in the quarter of loan signed; 2) **Posting the actual Business Case once the project is designed/at project bid since actual equipment, performance specs, and associated costs will be available [this is the key phase];** 3) At project completion, a review/update of the Business Case to ensure the GPR components the borrower said it was going to do was actually done (i.e. ensure the borrower didn't use any bait-and-switch tactics.)

DEC - Section will be updated accordingly.

**Page 12 – Davis Bacon section, first sentence**

Comment made from last submittal still not addressed: guidance technicality – either refer to FFY 13 continuing resolution or that FFY 12 appropriation makes Davis-Bacon requirements permanent for future fiscal years.

DEC - Section will be updated accordingly.

The following final changes were made to the Project Priority and Planning list.

- The following project was added to Point Source Project Priority List:
  - Bristol Bay Borough – Sewage Line Relocation off the Beach; the project was rolled over from the SFY13 IUP.
  
- The following projects were added to the Point Source Project Planning List:
  - Mat-Su – Talkeetna Sewer Standby Generators; the project was rolled over from the SFY13 IUP.
  - Mat-Su – Septage Treatment Facility; Late submitted project which did not make the first IUP public notice.
  - Juneau – CBJ Mendenhall WW Plant Facility Plan Update; the project was rolled over from the SFY13 IUP.
  - Juneau – CBJ Juneau Douglas WW Plant Facility Plan Update; the project was rolled over from the SFY13 IUP.
  
- The following project was added to Non-Point Source Project Priority List:
  - Unalaska – Landfill Phase II Expansion; the project was rolled over from the SFY13 IUP.
  
- The following project was added to the Non-Point Source Project Planning List:
  - Dillingham – Municipal Landfill Waste Processing System; Late submitted project which did not make the first IUP public notice.

**During the 10 day November 27<sup>th</sup> – December 6<sup>th</sup>, 2013 public comment period for the Amended IUP, EPA provided the only comments on the draft IUP. EPA’s questions and follow up by the Department are as follows:**

**Page 5 - Proportionality**

EPA - This section is now out of date and needs to be reworded. Suggest something along the lines of: *As of October 31, 2014, all ADEC draws are split between state match and federal funding at a ratio that ensures the full state match requirement is met for the overall award. This loan funding ratio is currently 16.6667% state match, 83.3333% federal.*

DEC – DEC concurs and has made the appropriate update to this section.

# **APPENDIX IVa**

## **ALASKA CLEAN WATER FUND**

### **Estimated Disbursement Schedule for Point Source Projects**

**ALASKA CLEAN WATER FUND**  
**Estimated Disbursement Schedule**  
**FFY13 Capitalization Grant Funded & Other Program Funded Projects**

Entity	Project/Set-Aside	Amount	FFY12 4th Qtr.	FFY13 1st Qtr.	FFY13 2nd Qtr.	FFY13 3rd Qtr.	FFY13 4th Qtr.	FFY14 1st Qtr.	FFY14 2nd Qtr.	FFY14 3rd Qtr.
ADEC	Administrative Costs	\$ 318,840	\$ 31,884	\$ 47,826	\$ 63,768	\$ 15,942	\$ 31,884	\$ 47,826	\$ 63,768	\$ 16,342
Petersburg	Scow Bay 1 Pump Station Upgrade	\$ 400,000	40,000	60,000	80,000	20,000	40,000	60,000	80,000	20,000
Cordova	WW Treatment Facility Compliance Upgrade	\$ 1,458,300	145,830	218,745	291,660	72,915	145,830	218,745	291,660	72,915
Petersburg	Pumpstation 1 Force Main Upgrade	\$ 2,093,315	209,332	313,997	418,663	104,666	209,332	313,997	418,663	104,666
Ketchikan	Schoenbar Road Sewer Main Replacement	\$ 2,468,868	246,887	370,330	493,774	123,443	246,887	370,330	493,774	123,443
Anchorage	Fish Creek Interceptor Rehab	\$ 2,400,000	240,000	360,000	480,000	120,000	240,000	360,000	480,000	120,000
Ket. Gateway Borough	South Tongass Wastewater Main Ext.	\$ 2,858,053	285,805	428,708	571,611	142,903	285,805	428,708	571,611	142,903
Petersburg	Kiseno Street Sewer Main Replacement	\$ 150,000	15,000	22,500	30,000	7,500	15,000	22,500	30,000	7,500
Ketchikan	Chatham Avenue Sewer Main Replacement	\$ 958,806	95,881	143,821	191,761	47,940	95,881	143,821	191,761	47,940
Anchorage	Girdwood WWTF, Phase II	\$ 10,000,000	1,000,000	1,500,000	2,000,000	500,000	1,000,000	1,500,000	2,000,000	500,000
Anchorage	West 71st Avenue Sewer Rehab	\$ 800,000	80,000	120,000	160,000	40,000	80,000	120,000	160,000	40,000
Anchorage	Wonder Park Sewer Upgrade	\$ 1,300,000	130,000	195,000	260,000	65,000	130,000	195,000	260,000	65,000
Sitka	Monastery & Baranof Sewer	\$ 533,000	53,300	79,950	106,600	26,650	53,300	79,950	106,600	26,650
Sitka	Channel, Lake & Monastery Lift Station Upgrades	\$ 1,379,170	137,917	206,876	275,834	68,959	137,917	206,876	275,834	68,959
Mat-Su Borough	Talkeetna Sewage Lagoon Wetland Re-Vegetation	\$ 330,000	33,000	49,500	66,000	16,500	33,000	49,500	66,000	16,500
Haines	Sewer Treatment Plant Health and Safety Upgrades	\$ 1,215,000	121,500	182,250	243,000	60,750	121,500	182,250	243,000	60,750
Petersburg	Sewer Upgrades, Phase II	\$ 524,500	52,450	78,675	104,900	26,225	52,450	78,675	104,900	26,225
Craig	Wastewater Treatment Plant Elec. Generator	\$ 143,500	14,350	21,525	28,700	7,175	14,350	21,525	28,700	7,175
Haines	Sewer Plant Roof Replacement	\$ 500,000	50,000	75,000	100,000	25,000	50,000	75,000	100,000	25,000
Kodiak	Bio-Solid Handling and Disposal	\$ 5,000,000	500,000	750,000	1,000,000	250,000	500,000	750,000	1,000,000	250,000
Haines	West Fair Drive Sewer Main Replacement	\$ 160,000	16,000	24,000	32,000	8,000	16,000	24,000	32,000	8,000
Anchorage	Landfill Leachate Hauling Equipment	\$ 401,000	40,100	60,150	80,200	20,050	40,100	60,150	80,200	20,050
Petersburg	Haugen Drive Collection System Upgrades	\$ 600,000	60,000	90,000	120,000	30,000	60,000	90,000	120,000	30,000
Petersburg	South Nordic Collection System Repairs	\$ 200,000	20,000	30,000	40,000	10,000	20,000	30,000	40,000	10,000
Nome	East Nome Sewer Replacement	\$ 1,000,000	100,000	150,000	200,000	50,000	100,000	150,000	200,000	50,000
Craig	Replace Water Street Sewer Pump Station	\$ 401,000	40,100	60,150	80,200	20,050	40,100	60,150	80,200	20,050
Anchorage	GWTF Outfall	\$ 5,000,000	500,000	750,000	1,000,000	250,000	500,000	750,000	1,000,000	250,000
Craig	Subdivision WW Collection Improvements	\$ 200,000	20,000	30,000	40,000	10,000	20,000	30,000	40,000	10,000
Bristol Bay Borough	Sewage Line Relocation of the Beach	\$ 958,806	95,881	143,821	191,761	47,940	95,881	143,821	191,761	47,940
Mat-Su Borough	Talkeetna Sewer Standby Generators	\$ 315,000	31,500	47,250	63,000	15,750	31,500	47,250	63,000	15,750
Juneau	Mendenhall WW Plant Facility Plan Update	\$ 190,000	19,000	28,500	38,000	9,500	19,000	28,500	38,000	9,500
Juneau	J-D WW Plant Facility Plan Update	\$ 100,000	10,000	15,000	20,000	5,000	10,000	15,000	20,000	5,000
Juneau	Glacier Highway Sewer Improvements	\$ 1,150,000	115,000	172,500	230,000	57,500	115,000	172,500	230,000	57,500

# **APPENDIX IVb**

## **ALASKA CLEAN WATER FUND**

### **Estimated Disbursement Schedule for Non-Point Source Projects**



**ALASKA CLEAN WATER FUND**  
**Estimated Disbursement Schedule for NonPoint Projects**  
**FFY13 Capitalization Grant Funded & Other Program Funded Projects**

<b>Entity</b>	<b>Project/Set-Aside</b>	<b>Amount</b>	<b>FFY12 4th Qtr.</b>	<b>FFY13 1st Qtr.</b>	<b>FFY13 2nd Qtr.</b>	<b>FFY13 3rd Qtr.</b>	<b>FFY13 4th Qtr.</b>	<b>FFY14 1st Qtr.</b>	<b>FFY14 2nd Qtr.</b>	<b>FFY14 3rd Qtr.</b>
Anchorage	ARL Stormwater Management	\$ 700,000	70,000	105,000	140,000	35,000	70,000	105,000	140,000	35,000
Dillingham	Municipal Landfill Waste Processing System	\$ 400,000	40,000	60,000	80,000	20,000	40,000	60,000	80,000	20,000
Kodiak Island Bor.	Landfill Lateral Expansion, Ph. III	\$ 3,000,000	300,000	450,000	600,000	150,000	300,000	450,000	600,000	150,000
Petersburg	Landfill Slope Stabilization	\$ 400,000	40,000	60,000	80,000	20,000	40,000	60,000	80,000	20,000
Homer	Stormwater Master Plan	\$ 340,000	34,000	51,000	68,000	17,000	34,000	51,000	68,000	17,000
Unalaska	Landfill Phase II Expansion	\$ 8,788,200	878,820	1,318,230	1,757,640	439,410	878,820	1,318,230	1,757,640	439,410
Mat-Su Borough	Central Landfill Cell 2A Closure	\$ 4,252,309	425,231	637,846	850,462	212,615	425,231	637,846	850,462	212,615

# **APPENDIX V**

**ALASKA CLEAN WATER FUND**

**Federal “Cross-Cutter” 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 USC. 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 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  
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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