

# ALASKA CLEAN WATER FUND

## STATE WASTEWATER LOAN PROGRAM

### INTENDED USE PLAN

Final

FFY17 Grant Allotment  
State Fiscal Year 2018



Submitted to the U.S. Environmental Protection Agency

By

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Division of Water

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## **PROGRAM OVERVIEW**

Alaska's Clean Water State Revolving Fund (CWSRF), the Alaska Clean Water Fund (ACWF), is funded primarily by the U.S. Environmental Protection Agency (EPA) and administered by the Alaska Department of Environmental Conservation's (ADEC) Municipal Grants and Loans Program (MGL) with the purpose of providing low interest loans to utilities for wastewater system improvements and water quality related projects.

A range of projects and associated costs are eligible for funding under the ADEC loan programs, such as planning, design and construction of wastewater facilities, including wastewater treatment plants, sewer interceptor and collection systems, and storm water collection and treatment systems. In addition, many nonpoint source protection, restoration and enhancement projects are eligible. Up to 100 percent of a project's costs may be eligible for loan funds. ACWF loans can also serve as local match most other federal or state funding sources.

The purpose of this Intended Use Plan (IUP) is to describe how ADEC intends to spend the monies of the ACWF to meet program goals.

## **PROGRAM UPDATES**

ADEC continues to make updates to the Alaska Clean Water Fund in an effort to improve service to funding recipients and meet program goals. As an example, proposed revisions to the regulations at 18 AAC 76, Alaska Clean Water and Drinking Water Loan Funds, will allow financing terms of up to 30 years. Public notice for these regulation revisions began in April 2017, with implementation in early State Fiscal Year 2018 (SFY18). During SFY18, the program intends to create a framework for providing microloans to rural Alaskan utilities, consider alternative methods for implementing equivalency requirements, and explore the possibility of quarterly project priority list updates.

## **PROGRAM GOALS**

The following goals guide the ADEC in administration of the ACWF:

### **Long Term Goals**

1. Protect public health and the waters of the State by offering financial assistance for the planning, design and construction of eligible projects that prevent, reduce or restore instances of contamination.
2. Assist local communities as they strive to achieve and maintain compliance with federal and state water quality standards by providing a long term source of low interest financing for improvement projects.
3. Promote coordination between the State and borrowers to expedite funding of eligible projects.

4. Market the fund to existing and potential new eligible entities to expand the overall funds usage.
5. Continue to improve program guidelines and policies to encourage funding projects that are construction ready, and are able to enter repayment quickly, in an effort to increase the pace at which loan funds are available.
6. Pursue means of making loans available potential new borrowers, such as non-profit organizations for water quality enhancement or non-treatment works types of projects, individual homeowners in need of on-site septic system improvements, and rural Alaskan communities.
7. Consider a more aggressive lending policy based on the needs of the communities.
8. Make funds available to borrowers based on anticipated future repayments.
9. Utilize administrative fees collected on loans from the ACWF to fund program administration.

### Short Term

1. Provide low interest loans of \$33.9 million to communities for eligible wastewater treatment or nonpoint source pollution projects.
2. Provide a minimum of \$797,700, 10% of the anticipated capitalization grant amount, for projects with green infrastructure, water or energy efficiency improvements, and environmental innovative activities.
3. Provide a minimum of \$797,700, 10% of the anticipated capitalization grant amount, as principle forgiveness to eligible disadvantaged communities.
4. Include sustainably criteria in project scoring and ranking to demonstrate Alaska's commitment to promoting sustainability of drinking water facilities in coordination with EPA's Sustainability Policy.
5. Implement regulation and programmatic changes that will allow for financing terms up to 30 year.
6. Adopt regulations incorporating changes to the ACWF program as a result of the 2014 Federal Water Pollution Control Act amendments to the Clean Water State Revolving Fund (CWSRF) program.
7. Replace the existing Access based Loan and Grants Tracking System (LGTS) with a web based version to improve functionality and efficiency.
8. Amend the IUP as required to make funds available to borrowers with previously unidentified needs.
9. Complete the anticipated capitalization grant Agreement with the U.S. Environmental Protection Agency (EPA) for Alaska's FFY17 Clean Water State Revolving Fund allocation.

## PROGRAM FUNDING

### Funds Available

In SFY18, the amount of available for loans is the difference between the funds available and total program commitments, plus two years of projected future loan repayments, for a total of \$33.9 million. The following table summarizes the funds contributed, as well as commitments and expenditures, since the inception of the ACWF.

#### Funding Sources:

Federal Grants		\$ 249,248,962
FFY 17 Federal Allocation Capitalization Grant		7,977,000
FFY 17 State Match Appropriation		1,595,400
Bond Proceeds		1,595,400
State Match, prior years		
General Funds	\$ 19,807,300	
Bond Proceeds	<u>25,418,938</u>	
Total State Match		45,226,236
Investment Income		46,741,482
Repayments		
Loan Principal	\$ 181,687,947	
Loan Interest	<u>32,076,961</u>	
Total Repayments		213,764,909
Projected Repayments SFY17 (4/1/17 - 6/30/17)		5,428,398
Projected Repayments SFY18		14,392,084
Projected Repayments SFY19		<u>14,010,146</u>
	Total Funding	<b>\$ 599,980,016</b>

#### Program Commitments:

Loan Commitments		
Standard Loans Executed	\$ 484,137,854	
Standard Loans Pending	15,733,600	
Total Loan Commitments		\$499,871,454
Transfer from ACWF to ADWF		29,000,000
Administrative Set-Aside		10,289,038
Previous Bonding and Transaction Costs		25,342,038
Bonding and Transaction Costs to Be Paid		<u>1,597,644</u>
	Total Commitments	<b>\$566,199,174</b>

**Net Amount Available for Clean Water Loans as of April 3, 2017**

**\$ 33,879,842**

### State Match

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% of the federal anticipated capitalization grant, \$1,595,400, 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 in SFY18. The interest income of the Fund is used as collateral 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.

### Administrative Fees

Since December 29, 2000, ADEC has been assessing an administrative fee, equal to one-half percent (0.5%) of the principal loan balance, on all loans to fund program administration costs. A total of \$8,216,529 has been collected as of April 3, 2017; additional fees will be collected during the remainder of SFY17. ADEC plans to draw on these fees to pay for program administration in SFY18.

### Fund Draw Procedures

ADEC draws administrative and subsidy funding at 83.33% federal. Draws for loan funding are split between state match and federal funding following the grant-specific proportionality rate method. The loan funding ratio is currently 83.33% federal and 16.67% state match.

Alaska’s proposed payment schedule for the FFY17 grant allotment is shown below. This schedule was developed based on projected needs for project construction and execution of loan agreements.

FFY17 1 <sup>st</sup> Quarter	FFY17 2 <sup>nd</sup> Quarter	FFY17 3 <sup>rd</sup> Quarter	FFY17 4 <sup>th</sup> Quarter
\$7,977,000	\$0	\$0	\$0

### Fund Transfer

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

### Administrative Uses

In SFY18, ADEC intends to administer the fund by using up to \$1,108,000 from the ACWF Fee Account. Administrative activities include evaluating loan applications, reviewing and processing payments, project loan administration, and performing project audits. This level of expenditure is expected to remain reasonably stable for several more years.

Additionally, ADEC is allowed to use up to 4% of the federal grant amount for administrative purposes (40 CFR 35.3120(g)). In SFY18, ADEC will bank the 4% administrative set-aside funds for later program use.

A calculation of total administrative reserve costs is as follows:

Federal grants prior to FFY17	\$249,248,962
FFY17 Capitalization Grant	<u>\$7,977,000</u>
<b>Total federal grant requested</b>	\$257,225,962
	\$10,289,038
Allowable administrative funds (4% of 257,225,962)	
Administrative funds requested and reserve funds utilized*	\$9,748,984
SFY18 administrative amount requested	<u>0</u>
<b>Total administrative funds utilized</b>	\$9,748,984
	\$10,289,038
Allowable administrative funds	
- Total Administrative funds utilized	<u>\$9,748,984</u>
<b>Amount to be reserved</b>	<b>\$540,054</b>

\*as April 3, 2017

## PROJECT ASSISTANCE AND ACTIVITIES

### Identification and Scoring of Priority Projects

A letter was sent to eligible borrowers on January 3, 2017, inviting them to submit an electronic project questionnaire to be considered for SFY18 funding assistance.

Using information from the questionnaires, an ADEC scoring committee, made up of representatives from the MGL, and the ADEC Drinking Water and Wastewater Programs, evaluated the projects. Appendices Ia and Ib document the criteria used to assess the projects. Following the scoring committee's review, all projects are ranked, highest to lowest, according to score. The final priority list is established by applying the available funding to the ranked projects.

### Project Incentives

Incentives are offered during the scoring process to encourage utilities to propose projects that can begin construction within one year of a funding agreement. An additional 50 points is awarded to a project's score if agency plan and specification approval is documented in the project questionnaire. Further, any Funding Priority Planning List project which can demonstrate that agency plan and specification approval is in place at the time of issuance of the final IUP will be allowed to submit a loan application immediately.



## Public Review and Comments

Notice of the draft funding and planning priority lists was sent to all qualified recipients for review and comment. Public notice was published in the Alaska Dispatch News on May 5, 2017, advertising the availability of the draft IUP and inviting comments. The draft IUP was also published on ADEC's web site. Comments received during this public notice period, and ADEC responses, are to be published in Appendix III.

## DISTRIBUTION OF PROJECT FUNDING

The scored and ranked list of proposed projects for SFY18 funding is provided in Appendices IIa and IIb. Total funding need is \$95,745,008; total available funding is \$33,879,842.

The Project Funding Priority List represents those projects for which funding is expected to be available. The Project Priority Planning List represents those projects for which funding is not expected to be available. In the event that projects on the funding list are by-passed, projects from the planning list may be considered for funding in rank order. Should a single project's funding need limit the ability of the program to meet the needs of other borrowers, ADEC will work to negotiate an amenable solution which may include phased funding, or coordination of other funding sources.

If a project is listed on the Project Funding Priority List with a subsidy, or met the incentive criteria for being construction ready, a project application may be submitted at completion of the IUP public notice period. The application must provide sufficient information to initiate a community financial assessment for incurring the debt, and begin the environmental review process.

ADEC may amend the Project Priority List throughout the year to meet the needs of borrowers with shovel ready projects. In such an instance, new projects will be identified during an abbreviated solicitation process, then scored and ranked by a scoring committee as described above. The amended Project Priority List will be publicly noticed for 10 days.

## Bypass Procedures

If a project on the fundable portion of the list has not submitted a complete loan application or completed the state environmental review process in a timely manner, it may be bypassed for another project on the priority list, including projects on the planning list, which is ready to proceed. This includes projects with listed subsidized amounts. Specific rules on project bypassing are as follows:

- A. If a loan application for a project on the funding list is not submitted within two months of publication of the final IUP, the project may, without further justification, be automatically

by-passed by a lower scoring project on either the Point Source or Non-Point Source funding list that is ready to proceed, as long as sufficient funding is available.

- B. Federal funding of the ACWF includes a requirement to meet minimal funding needs for soliciting projects with Green eligible components and identify projects that meet equivalency. If necessary to meet these requirements, ADEC will 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 the funding requirements are minimally met.
- C. If projects are equal in score, the following sequence will be used to differentiate between them:
1. Preference will be given to a project that is already out to bid or under construction, has submitted a loan application, and completed the environmental review.
  2. Preference will be given to a project that has a compliance agreement or other legal order from EPA or ADEC which requires an earlier construction completion date.
  3. Preference will be given to a project that has Green project components, or has been identified to meet equivalency.
  4. Preference will be given to a project that is expected to have a complete application submitted first.
  5. If the projects are from the same borrower, the borrower may request that one project be placed ahead of the other.
  6. The individual scores from each criteria category will be compared until a difference is found and the project with the highest score in the individual category will receive preference.

### Subsidization – Disadvantaged Community Assistance

Under the FFY17 federal capitalization grant, at least 10% of the applicable portion of the grant must be offered in the form of additional subsidies. ADEC has chosen to offer a total amount of \$797,700 as additional subsidization in the form of principal forgiveness, with \$638,160 (80%) allocated for Point Source projects and \$159,540 (20%) for Non-Point Source projects.

ADEC will offer disadvantaged utilities 20% of the total project costs, up to a cumulative maximum of \$500,000 per utility, as subsidy in the form of principal forgiveness. Subsidy funding will be awarded to disadvantaged entities according to overall project ranking on the priority list, from highest to lowest, until all funding is utilized. A utility is considered disadvantaged if the:

- Median Household Income (MHI) is less than the state average MHI that is currently published by the Alaska Department of Labor and Workforce Development, Research and Analysis.

- Rate of unemployment is above the state average unemployment rate that is currently published by the Alaska Department of Labor and Workforce Development, Research and Analysis.
- The five year population trend for the community is outside the range defined by the state five year population trend, plus or minus 5%. Data is provided from the Alaska Department of Labor and Workforce Development, Research and Analysis Section.
- The activity is to be carried out in an economically distressed area, as described in section 301 of the Public Works and Economic Development Act of 1965 (42 U.S.C. 3161).

Projects must meet the following milestones to be eligible for subsidy:

- Submission of engineered plans and specifications for ADEC regulatory review, or submittal of 65% plans, at project questionnaire deadline.
- Submission of 90% engineered plans and specifications for agency review at the time of loan application.
- Submission of a loan application within two months of issuance of the IUP, or subsidy funds may be made available to the next highest ranked eligible project.
- Submission of disbursement requests equal to at least the amount of the loan subsidy within one year of the signed loan agreement. If a utility is unable to expend the full subsidy within one year, the subsidy may be reduced to match the expenses incurred to date.

Any uncommitted subsidies that exist after one year of publication of the IUP will be distributed to projects with existing subsidies, or to those projects which are the furthest along in completion of construction.

### Green Project Reserve (GPR)

Under the total FFY17 capitalization grant amount awarded to the State, and to the extent there are sufficient eligible project applications, not less than 10% (\$797,700) of funding provided for projects must be used for following category types: green infrastructure; water or energy efficiency improvements; or environmental innovative activities. GPR projects are listed under Appendices IIa and IIb by green project type.

Under this IUP, one projects listed on the Project Priority lists have been identified as GPR projects based on current EPA guidance. The amount of this projects is \$3,249,100, which exceeds the 10% minimal required amount by \$2,451,400. ADEC will make its best effort to assure adequate participation is made for meeting the minimal reserve amount of \$797,700.

Due to issues in meeting minimal GPR requirements in past years, ADEC will not issue a loan commitment on a project with designated GPR until adequate GPR documentation requirements are provided. This documentation must meet federal rules for providing an initial “business case”

intent for all eligible GPR project components. At minimum, the borrower is required to provide to ADEC a Green Project Assessment form with applicable backup documentation, which will be posted no later than the next reporting quarter at the following website:

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

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

As necessary, ADEC will seek out other potential GPR eligible projects not initially listed in the IUP, which meets GPR project eligibility and can be used to make up any shortfall in meeting the current year's GPR requirements. Additionally, as necessary, ADEC will use a stair step approach on any IUP with a GPR requirement to fulfill any shortfall of a prior year's IUP GPR requirement. This approach would be done fully, or in part, with a project with excess GPR to help meet the prior year's IUP GPR deficit.

### **Project Information**

Appendices IIa and IIb contain estimated dates for binding loan commitments and construction start, loan terms, disadvantaged assistance, Green Project Reserve, subsidies, sustainability type, and project descriptions.

### **Disbursements**

The estimated disbursement schedule for Point Source loan projects is presented in Appendix IVa. The estimated disbursement schedule for Non-Point Source loan projects is presented in Appendix IVb. These schedules are based upon target dates contained in Appendices IIa and IIb.

## **ADDITIONAL LOAN FUND POLICIES**

### **Financial Terms of Loans**

Effective April 28, 2005, loans with a contract term of five to 20 years are assessed an effective finance charge rate of one and one-half percent (1.5%) or 18.75% of the current bond rate as defined by the Municipal Bond Index (MBI). Loans with a contract term of one to five years are assessed an effective interest rate of one percent (1%) or 12.5% of the current bond rate as defined by the MBI. Any loan term less than one year is assessed a one-half percent (0.5%) finance charge. With the exception of loans that are paid off in less than one year from the first loan disbursement, all other loan terms include a one-half percent (0.5%) administrative fee as part of the overall finance charge. ADEC is in the process of making a regulation change to allow up to 30 year financing for eligible entities.

## Binding Commitments

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

## Expeditious and Timely Expenditure

All funds will be expended or obligated in a timely and expeditious manner. When offering loans, ADEC's first priority will be to assure compliance with the Clean Water Act as amended by the Water Quality Act of 1987. EPA's Memorandum #SRF 99-05 requires the ACWF to execute binding commitments at least equal to the amount of funds available in the program, within one year of that fund availability. This schedule calculates the amount of funds available as of April 3, 2017, and compares that amount to the binding commitments executed as of April 3, 2017.

### FUNDS AVAILABLE AS OF NOVEMBER 15, 2016

Total Federal Cap Grants Awarded	Total State Match	Total Principal Repayments	Total Interest Repayments	Total Investment Income	Total Transfers	Total Administrative Set-Aside	Total Bonding Costs	TOTAL FUNDS AVAILABLE
249,248,962	46,746,981	181,687,947	32,076,961	46,741,482	(29,000,000)	(10,289,038)	(26,939,681)	500,562,625

TOTAL BINDING COMMITMENTS AS OF NOVEMBER 15, 2016: \$499,871,454

BINDING COMMITMENTS AS A PERCENTAGE OF FUNDS AVAILABLE: 99.86%

Additionally, to assure expeditious and timely expenditure of funds, ADEC continues to require that borrowers submit the first disbursement request within two years of execution of the loan agreement. If no disbursement is made within the two year period, ADEC may take action to recall the loan; however, an extension may be granted upon a borrower's request, if there is reasonable justification.

## First Use Requirement

Alaskan 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.

## Title II Equivalency Compliance

The Clean Water Act and subsequent EPA regulations instituted the CWSRF loan program with numerous federal laws and authorities. 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.

A project will be considered equivalent if the borrower is a non-disadvantaged community with a population greater than 10,000. The sum of the loans offered as equivalent projects will be equal to or greater than the annual federal capitalization grant amount.

### Environmental Review

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

### Sustainability Policy

ADEC is committed to promoting sustainable design and management of wastewater utilities and clean water resources. Projects that meet ADEC's sustainability criteria are eligible for up to 50 bonus points in the priority ranking system.

### Davis-Bacon

Language in EPA's appropriations bill requires the application of Davis-Bacon prevailing wage rates to all treatment works projects funded 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, ADEC will provide assistance to recipients with the specific EPA Davis-Bacon contract language that is to be included in bid specifications and/or contracts and will confirm that the correct wage determinations are being included in the bid specifications and/or construction contracts. In addition, ADEC will collect Certifications of Davis-Bacon compliance from online project quarterly report statements.

### American Iron and Steel (AIS)

No funds made available to borrowers shall be used for a project including the construction, alteration, maintenance, or repair of a public treatment works unless all of the iron and steel products used in the project are produced in the United States. This requirement applies to the entire project receiving a loan agreement that is fully signed on or after the effective date of January 17, 2014 unless agency approval of engineering plans and specifications was completed prior to December 16, 2014.

Consideration for exclusions to this requirement are as follows: being inconsistent with the public interest; iron and steel products that are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

For these exclusions to apply, a request for a waiver must be submitted to the EPA for consideration and approval. Borrowers have the option of sending a waiver request directly to EPA with a copy to ADEC, or they may submit the waiver to ADEC who will then forward it on to the EPA. EPA will make available to the public, on an informal basis (EPA's public internet web site), a copy of the request and information available to the Administrator concerning the request, and shall allow for informal public input on the request for at least 15 days prior to making a finding based on the request.

For the most up to date information on AIS guidance and waivers, please visit the following EPA web site: [http://water.epa.gov/grants\\_funding/aisrequirement.cfm](http://water.epa.gov/grants_funding/aisrequirement.cfm)

### Signage

ADEC will comply with the SRF Signage Guidance in order to enhance public awareness of EPA's assistance agreement to the State. Current signage may be referenced at the following ADEC web site: <http://dec.alaska.gov/water/MuniGrantsLoans/SRFAwareness.htm>

### Reporting

Clean Water Benefits Reporting (CBR) & National Information Management System (NIMS) Program information and project milestones are reported through EPA's CBR and NIMS databases. ADEC commits to entering benefits information on all projects into CBR by the end of the quarter in which the assistance agreement is signed. ADEC also commits to entering all program information into NIMS on an annual basis as EPA requests.

### Federal Funding Accountability Transparency Act (FFATA)

ADEC is committed to transparency and accountability under FFATA (reporting requirements may be obtained at their website <https://fsrs.gov/>). Program information, IUPs, Annual Reports, and other program materials are either posted on the ADEC/MGL website: <http://www.dec.state.ak.us/water/MuniGrantsLoans/index.htm> or may obtain through the program office at 410 Willoughby Street, Juneau, AK 999801. ADEC has chosen to use the equivalency method to meet FFATA reporting requirement. The project below was selected:

**Anchorage      GWWTF Upgrade Phase II**  
**\$7,977,000**

\*FFATA is reported on an equivalency basis meaning up to and no more than the amount of the Capitalization Grant.

### Quarterly Project Status Reporting

Borrowers are required to file quarterly project status reports once a funding agreement is in place, through final disbursement. ADEC provides the necessary format for this reporting and

the reports are used to provide project status update and current financial utilization information on loans.

### Quarterly Financial Reporting

Borrowers are required to submit a quarterly financial report. The financial report is essentially a disbursement request for the loan which include financial information pertaining to the project for the quarter. If the financial report documents expenditures, supporting documentation must demonstrate expenses are eligible. Borrowers may request reimbursement up to once per month, but no less frequently than once per quarter. If no costs are incurred for the quarter, acknowledgement of this fact within the report is sufficient.

### Miscellaneous Reporting

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

## **CLEAN WATER ACT AMENDMENTS PROPOSED UPDATES**

On June 10, 2014, the president signed into law the Water Resources Reform and Development Act of 2014 (WRRDA). Among its provisions are amendments to Titles I, II, V, and VI of the Federal Water Pollution Control Act, which includes updated rules to the CWSRF program. To meet this federal CWSRF rule change, the following changes are planned to be fully implemented into the ACWF program in SFY18.

### Section 602(b)(13): Cost and Effectiveness Analysis

Assistance recipients must certify that they have conducted studies and/or evaluations for meeting this analysis requirement. The new rule requires that a cost and effectiveness analysis involve at a minimum the study and evaluation of the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought under this title; and the selection, to the maximum extent practicable, of a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation, and energy conservation, taking into account the cost of constructing the project or activity; the cost of operating and maintaining the project or activity over the life of the project or activity; and the cost of replacing the project or activity.

### Section 602(b)(14): Architectural and Engineering (A/E)

Services procurements that includes: Feasibility Studies, Preliminary Engineering, Design, Engineering, Mapping, Surveying, and Construction Management must meet USC 40 Ch. 11



procurement requirements, or a state equivalent process if the A/E contracts are associated with projects in an amount equal to the capitalization grant (equivalency projects). The requirement is effective for projects with A/E contracts that have been signed on or after October 1, 2014. However, only CWSRF funded contracts for A/E services associated with equivalency projects must comply with this requirement.

ADEC will require equivalent A/E contracts to meet USC 40 Ch. 11 procurement requirements.

### Section 603(c)(1-11): Project Eligibilities

As applicable, the following updates will be made:

#### Land

The following expenses associated with land purchase will become eligible: leasing or fee-simple purchase of land; surface and subsurface easements; store equipment and materials during construction; locate eligible treatment or distribution/collection projects; and, effluent application or recharge basins.

#### Decentralized Systems

New construction may now be funded for either individual or cluster on-site systems, which they can be publicly or privately owned, and, they may serve either public or private purposes.

#### Stormwater Projects

Stormwater projects are now eligible as an independent authority (does not have to be an eligible component of a 319 plan), and privately owned permitted stormwater projects can now be now funded, including stormwater projects in MS4 permitted areas.

#### Other Minor Eligibility Changes

Water Conservation; Efficiency, Reuse, and Watershed Projects; Energy Initiatives; Recycled Water and Water Reuse; Security Initiatives; and Funding for Nonprofits. Note: some parts of these may not be fully implemented into the ACWF program.

### Section 603(d)(1)(A&B) Loan Terms

Loan terms may be offered up to 30 years or the useful life of the project, whichever is shorter, and should not exceed the useful life of the project as determined by the state. Additionally, existing loans can be restructured with a longer maturity if the useful life allows.

### Section 603(d)(1)(E): Fiscal Sustainability Plans (FSP)

All loans to publicly owned treatment works (POTWs) eligible under 603(c)(1) that involve repair, replacement, or expansion of a treatment works must prepare a FSP. The statute requires that FSPs include, at a minimum:

- An inventory of critical assets that are part of the treatment works;
- An evaluation of the condition and performance of those assets;
- A certification that the assistance recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and,
- A plan for maintaining, repairing, and replacing the treatment works and a plan for funding such activities. New treatment works do not have to complete an FSP unless they are physically replacing (demolition and replacement) or adding to the capacity of an existing system. Upgrades that do not involve repair, replacement or expansion (such as adding advanced treatment) do not require a FSP.

## **CONTENT OF APPENDICES**

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

# **APPENDIX Ia**

## **ALASKA CLEAN WATER FUND**

### **Point Source Priority Criteria**



# ALASKA CLEAN WATER STATE REVOLVING LOAN FUND PRIORITY CRITERIA FOR SFY18 POINT SOURCE PROJECTS

Alaska has established the following criteria to prioritize point source wastewater projects for funding from the Clean Water Act State Revolving Loan Fund, the Alaska Clean Water 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>	<u>Assigned Points</u>
<p>1. This project will correct the cause of a human disease event documented by ADEC or a recognized public health organization.</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> <li>• Outbreaks of Hepatitis, Giardiasis or Cryptosporidiosis.</li> <li>• Upgrading facilities to meet new EPA/ADEC regulations or resolve violation(s) of a wastewater permit with short term compliance deadline (<math>\leq 1</math> year).</li> <li>• Installation of new sewer mains in an area there is documented well contamination resulting from sewer main leaks.</li> </ul>	350
<p>2. This project will correct conditions are severe enough that a disease event may occur, although an event may have not yet been reported.</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> <li>• Violations of a wastewater permit with longer term compliance deadlines (<math>&gt; 1</math> ye.</li> <li>• Documented failure of on-site disposal systems.</li> <li>• Correction of documented I&amp;I issues that prevent the WWTP from meeting permit limits.</li> <li>• Construction to address documented surface water contamination violation.</li> </ul>	300
<p>3. This project will minimize public health threats where the potential for a disease event exists.</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> <li>• Correction of documented issues with a high potential to violate a wastewater permit condition.</li> <li>• Replacement of documented pipes or facilities that are leaking or constructed of inferior materials (example - asbestos cement pipe, structurally impaired lift station wet well)</li> <li>• Improvements to a collection system prone to freeze-up.</li> <li>• Installation of new sewer mains to an area that is currently served by on-site systems and, has a high potential of regulated contaminants exceeding safe standards.</li> </ul>	200
<p>4. This project will minimize potential future public health problems. Conditions are not such that a disease event will occur.</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> <li>• Replacement of collection system components that are at end of life, but no documentation of significant failure.</li> <li>• Wastewater Treatment Facility Upgrades – capacity and/or obsolete equipment that is not related to a permit violation correction.</li> <li>• Security fencing and monitoring, access cards etc.</li> <li>• SCADA upgrades</li> </ul>	100

- |   |   |   |
|---|---|---|
| 5 | This project will not address any significant health related issues.<br><i>Examples:</i>  | 0 |
|   | <ul style="list-style-type: none"> <li>• <i>Sewer main alignment changes (rerouting mains that have little to no improvement on operation).</i></li> <li>• <i>Sewer main expansion for future development.</i></li> <li>• <i>Wastewater treatment plant or collection system studies, unless required by compliance conditions.</i></li> <li>• <i>Master Plans</i></li> </ul> |   |

**WATER QUALITY CONSIDERATIONS (Only one)**

- |    |  |     |
|----|--|-----|
| 1. | This project will correct a documented pollution event in a:   |     |
|    | Non-303 d listed Water   | 250 |
|    | 303(d) Category 4a Listed Water Body   | 240 |
|    | 303(d) Category 4b Listed Water Body   | 230 |
|    | 303(d) Category 4c Listed Water Body   | 230 |
|    | 303(d) Category 5 Listed Water Body  | 220 |
| 2. | Current conditions are severe enough that a pollution event can occur; however, one has not been reported or documented yet. This project will correct the problem in a: |     |
|    | Non-303 d listed Water   | 230 |
|    | 303(d) Category 4a Listed Water Body   | 220 |
|    | 303(d) Category 4b Listed Water Body   | 210 |
|    | 303(d) Category 4c Listed Water Body   | 210 |
|    | 303(d) Category 5 Listed Water Body  | 200 |
| 3. | This project will minimize the potential for future pollution events.  | 100 |
| 4. | This project has 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 |
| 2. | Marine waters/estuaries - propagation of fish, shellfish, etc., as a food source. | 5  |
| 3. | This project will not address any adverse water quality impacts.                  | 0  |

**LOCAL INITIATIVE (Only one)**

- |    |  |    |
|----|--|----|
| 1. | This project will complete work that has already begun construction and has completed an environmental review - documentation is required. | 50 |
| 2. | Engineering plans and specifications have been approved by ADEC or the appropriate regulatory authority - documentation is required.       | 40 |

**LOCAL INITIATIVE - Cont'd (Only one)**

- |    |  |    |
|----|--|----|
| 3. | Substantial engineering plans and specifications (at least 65% complete) have been prepared and provided to ADEC. Documentation is required.   | 30 |
| 4. | A feasibility study, facility plan, and/or a set of engineering plans and specifications (at least 35% complete) has been prepared and has been provided to ADEC. Documentation is required. | 20 |
| 5. | An up to date comprehensive study, master plan, and/or a current project cost estimate has been prepared and is available or has been provided to ADEC.                                      | 10 |
| 6. | No project development has been accomplished.  | 0  |

**FUNDING COORDINATION (Only one)**

- |    |   |    |
|----|---|----|
| 1. | This project will use other state, federal or local funds. (documentation is required to identify each funding source.) | 15 |
| 2. | Other funding sources have not been identified.   | 0  |

**ABILITY TO REPAY (Only one)**

- |    |  |    |
|----|--|----|
| 1. | The source, amount and year of matching funds has been identified and are available now. This does not include anticipated funds from future year funding or appropriations - documentation is required. | 10 |
| 2. | Repayment funds have not yet been identified.  | 0  |

**SUSTAINABILITY PROJECTS (Only one)**

- |    |                              |    |
|----|------------------------------|----|
| 1. | Fix It First Projects        | 50 |
| 2. | Effective Utility Management | 25 |
| 3. | Planning                     | 25 |
| 4. | Not Applicable               | 0  |

**OPERATOR CERTIFICATION (Only one)**

- |    |  |   |
|----|--|---|
| 1. | The system employs, or has on contract, an operator certified to the level of the system.          | 5 |
| 2. | The system does not employ, or have on contract, an operator certified to the level of the system. | 0 |

**AFFORDABILITY CRITERIA (Only one)**

Loan cost to population benefiting ratio

Cost/population ratio	\$0 - 400/person	15
Cost/population ratio	\$401 - 4,000/person	10
Cost/population ratio	> \$4,000/person	5

**GREEN PROJECT (Determined by ADEC)**

The applicant has sufficiently demonstrated eligible Green components under the project. Program guidance can be found at the following ADEC web site: <a href="http://dec.alaska.gov/water/muniloan/forms.htm">http://dec.alaska.gov/water/muniloan/forms.htm</a>	25
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# **APPENDIX Ib**

**ALASKA CLEAN WATER FUND**

**Non-Point Source Priority Criteria**



# ALASKA CLEAN WATER STATE REVOLVING LOAN FUND PRIORITY CRITERIA FOR SFY18 NON-POINT SOURCE PROJECTS

*Alaska has established the following criteria to prioritize non-point source projects fund funding from the Clean Water Act State Revolving Loan Fund, Alaska Clean Water 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.*

<b><u>WATER QUALITY CONSIDERATIONS (Only one)</u></b>	Assigned Points
<b>1) PROTECTION</b>	
This project's main emphasis is prevention of non-point source pollution in a:	
Non-303 d listed Water	100
303(d) Category 4a Listed Water Body	90
303(d) Category 4b Listed Water Body	90
303(d) Category 4c Listed Water Body	90
303(d) Category 5 Listed Water Body	90
<b>2) RESTORATION</b>	
The goal of the proposed project is to restore water quality in a water body identified as impaired or polluted in the most recent 303(d) 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) Category 4a Listed Water Body	100
303(d) Category 4b Listed Water Body	90
303(d) Category 4c Listed Water Body	90
303(d) Category 5 Listed Water Body	80
<b>3) STEWARDSHIP</b>	
The proposed project will improve or maintain water quality in a:	
Non-303 d listed Water	100

	Assigned Points
<b><u>PROJECT INITIATIVE CONSIDERATIONS (Only one)</u></b>	
1) Engineering documents have been completed. Documentation is required.	25
2) Preliminary engineering documents have been completed. Documentation is required.	20
3) Key planning document(s) (such as a TMDL, Corrective Action plan, Comprehensive Plan) have been completed. Documentation is required.	15
4) An environmental review has been performed for the proposed project.	10
5) A feasibility study that demonstrates the need and costs for the project has been completed. Documentation is required.	5
6) No action has been taken.	0
<b><u>FUNDING COORDINATION (one only)</u></b>	
1) This project will utilize other federal, state or local funds. Documentation is required for each funding source.	15
2) Other funding sources have not been identified.	0
<b><u>ABILITY TO REPAY (one only)</u></b>	
1) A viable repayment source has been identified. Documentation is required.	10
2) Repayment funds have not yet been identified.	0
<b><u>NPS STRATEGY IDENTIFIED PRIORITIES - COORDINATION WITH "Alaska Clean Water Five-Year Strategic Plan Goals" (determined by ADEC - Only one)</u></b>	
<u>GOAL 1</u> - Increase the amount known about Alaska's waters.	10
<u>GOAL 2</u> – Standardize how ADEC evaluates information for the purpose of listing and delisting a waterbody on the impaired waterbody list by developing listing methodologies and policy.	20
<u>GOAL 3</u> – Increase or continue collaboration with other programs, agencies and community-based organizations.	10
<u>GOAL 4</u> - Restore waters that are impaired and keep them healthy once restored.	30
<u>GOAL 5</u> - Conduct outreach on BMPs so that urban and industrial development sustains water quality.	20
<u>GOAL 6</u> – Keep Our Clean Waters Clean: Highlight and protect healthy waters that are at risk.	40
<u>GOAL 7</u> – Keep Our Clean Waters Clean: Educate the public on water quality and smart practices to prevent pollution.	10
<b><u>GREEN PROJECT (determined by ADEC)</u></b>	
The applicant has sufficiently demonstrated Green eligible components under the project. Program guidance can be found at the following ADEC web site: <a href="http://dec.alaska.gov/water/muniloan/forms.htm">http://dec.alaska.gov/water/muniloan/forms.htm</a>	25

# **APPENDIX IIa**

## **ALASKA CLEAN WATER FUND**

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

**ALASKA CLEAN WATER FUND  
Point Source Funding Priority List  
Fiscal Year 2018**

Rank	Score	APDES Permit Number	Clean Water Needs 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	640	AK-0047856	I	Anchorage - AWWU	GWWTF Upgrade Phase II ■	Work will include various upgrades and expansion of the Girdwood Wastewater Treatment Facility to meet existing and future flows from the Girdwood area.	\$15,800,000	1.5%	20				10/1/2017	10/10/2019	Fix it First
2	635	AK-0021458	III(b)	Petersburg ◆	Pump Station 4 Force Main Replacement	Replace a ductile iron force main that has been under influence of tidal waters since its installation in the mid 1970's.	\$360,000	1.5%	20	\$72,000			8/31/2017	4/2/2018	Fix it First
3	610	AK-0021440	III(b)	Ketchikan ◆	Schoenbar Road Sewer Mains Replacement Phase I ■	Install 2,200 Lineal feet of 8" to 12" C900 PVC sewer mains, and 12 sewer manholes, in approximately 1,400 feet of roadway.	\$1,795,197	1.5%	20	\$359,039			7/1/2017	9/30/2017	Fix it First
4	610	AK-0021440	III(b)	Ketchikan ◆	Schoenbar Road Sewer Mains Replacement Phase 2 <sup>1</sup> ■	Install 2,200 Lineal feet of 8" to 12" C900 PVC sewer mains, and 12 sewer manholes, in approximately 1,400 feet of roadway.	\$1,795,197	1.5%	20	\$140,961			7/1/2017	9/30/2017	Fix it First
5	520	AK-0022551	III(b)	Anchorage - AWWU	D-2-4 Trunk Improvements ■	Realign and correctly size sewer trunk main to allow for preventative maintenance.	\$750,000	1.5%	20				5/1/2017	7/17/2018	Fix it First
6	490	2007-DB0003	III(b)	Nome - NJUS ◆	Sclaircore Replacement, Phase III	Replacement of aging sewer distribution piping which is experiencing a high rate of failure and leakage due to thawing of underlying permafrost pockets.	\$3,249,100	1.5%	20	\$66,160	\$3,249,100	EIN	5/15/2017	6/1/2017	Fix it First
7	420	AK-0022551	III(b)	Anchorage - AWWU	Blueberry Sewer Rehabilitation ■	Rehabilitate deteriorated 8-inch asbestos concrete sewer pipe along back lot lines between Arctic Blvd & Blueberry Rd and W. 27th Ave & W. Northern Lights Blvd.	\$1,176,000	1.5%	20				5/1/2017	6/19/2017	Fix it First
8	420	AK-0021458	III(b)	Petersburg ◆	Scow Bay 1 Pump Station Upgrade	Upgrade lift station that is currently exceeding design capacity due to inadequate wet well storage capacity and undersized pumps.	\$550,000	1.5%	20		\$400,000	ENG	4/28/2017	6/30/2017	Fix it First
9	400	AK-0022551	III(b)	Anchorage - AWWU	W 72nd Ave Trunk Rehabilitation ■	Upgrade a failing 15-inch corrugated metal pipe sewer trunk by either using cured-in-place pipe, or by direct pipe replacement.	\$1,200,000	1.5%	20				7/15/2016	3/15/2017	Fix it First
10	400	AK-0022551	III(b)	Anchorage - AWWU	1st Avenue A-F Streets Sewer Rehabilitation ■	Upgrade approximately 2,000 feet of 1950's vintage failing concrete sewer main.	\$420,000	1.5%	20				5/1/2017	9/12/2017	Fix it First
11	390	AK-0022551	III(a)	Anchorage - AWWU	Mills Drive Sewer Upgrade <sup>2</sup> ■	Replace and rehabilitate asbestos cement sewer main, and rehabilitate and realign at least one failed manhole, to reduce sanitary survey overflows and groundwater inflow and infiltration.	\$1,282,000	1.5%	20				5/1/2017	5/4/2018	Fix it First

◆ Disadvantaged Community

■ Equivalency Project

● Extra 50 points for "ready to go projects," approved construction by February 21, 2017

**Total Requested Amount This Page: \$28,377,494**

**Total Available: \$27,103,874**

**Total Equivalency Amount This Page: \$24,218,394**

**Total Subsidy Amount This Page: \$638,160**

**Total Green Amount This Page: \$3,649,100**

<sup>1</sup> Total subsidy funding for the Ketchikan - Schoenbar Road Sewer Mains Replacement Phases 1 and 2 project is limited to \$500,000. Total subsidy funding for Nome - NJUS Sclaircore Replacement, Phase III is limited to available funding.

<sup>2</sup> Full funding of the Anchorage - AWWU - Mills Drive Sewer Upgrade 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.

<sup>3</sup> Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

<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. Funding for Green projects is based on meeting a minimal required amount of \$797,000 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; "EUM" - Effective Utility Management to 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

**ALASKA CLEAN WATER FUND  
Point Source Funding Planning List  
Fiscal Year 2018**

Rank	Score	APDES Permit Number	Clean Water Needs 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>
12	340	AK-0020010	III(a)	Skagway◆	State Street Sanitary Sewer & Water Upgrades	Replace existing sewer mains and manholes, install new sanitary sewer services to reduce inflow and infiltration due to aging infrastructure.	\$1,800,000	1.5%	20			ENG	3/1/2017	4/1/2018	Fix it First
13	325	Pending	I	Mat-Su Borough◆	Mat-Su Septage & Leachate Treatment Facility	Design and construct a new septage and leachate facility to minimize septage and leachate disposal costs and environmental impacts in the Matanuska-Susitna Valley.	\$22,000,000	1.5%	20		\$1,108,900	ENG	3/9/2015	4/19/2018	Planning
14	320	AK-0021440	III(b)	Ketchikan◆	Tongass Avenue Sewer Rehabilitation Phase II	Rehabilitate 1250 lineal feet of sewer force main in approximately 1,400 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,375,830	1.5%	20		\$1,375,830	ENG	7/1/2017	9/30/2017	Fix it First
15	300	AK-0047856	III(a)	Anchorage - AWWU	Girdwood I&I, Ph VIII■	Remove and replace sewer services that have been identified to have ground water infiltration.	\$500,000	1.5%	20		\$5,000	ENG	5/1/2017	6/20/2017	EUM
16	275	Pending	IV(a)	Mat-Su Borough◆	Central Landfill Cell 4 Design and Construction	Design and construct a new lined cell, build and tie into an existing leachate system, and tie into adjacent landfill cells at the Central Landfill.	\$7,000,000	1.5%	20				2/22/2016	3/19/2018	Planning
17	275	AK-0022551	III(b)	Anchorage - AWWU	Seppala Drive Sanitary Sewer Main Reconstruction - W 30th Ave to N Lights Blvd■	Realign and replace wood stave Sanitary Sewer main that is prone to freezing.	\$572,000	1.5%	20				5/1/2017	2/21/2018	EUM
18	220	AK-0021440	III(b)	Ketchikan◆	Water St. Sewer Replacement/Rehab Phase I	Install 520 Lineal feet of 8" C900 PVC sewer mains, 5 sewer manholes and rehabilitate 340 lineal feet of sewer force main in approximately 700 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,803,899	1.5%	20		\$1,803,899	ENG	7/1/2017	9/30/2017	Fix it First
19	220	AK-0021440	III(b)	Ketchikan◆	Water St. Sewer Replacement/Rehab Phase II	Install 520 Lineal feet of 8" C900 PVC sewer mains, 5 sewer manholes and rehabilitate 340 lineal feet of sewer force main in approximately 700 feet of roadway using trenchless green technology to minimize environmental impacts.	\$1,236,145	1.5%	20		\$1,236,145	ENG	7/1/2017	9/30/2017	Fix it First
20	215	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Scum Pump & Inline Grinder■	Replace existing grinders and piston pumps with mechanical diaphragm pumps and two new macerators at the inlet to the scum concentrator at Asplund Wastewater Treatment Facility (AWWTF), eliminating the need for lubricating oil.	\$500,000	1.5%	20		\$500,000	ENG	2/1/2018	6/1/2018	EUM
21	215	AK-0022551	III(b)	Anchorage - AWWU	AWWTF General Improvements to Support Concrete Inspection■	Perform concrete condition assessments and subsequent upgrades to concrete structures at the Asplund Wastewater Treatment Facility.	\$894,900	1.5%	20				2/1/2018	6/1/2018	Fix it First
22	205	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Incinerator Improvements■	Rehabilitate major components and support equipment for the sludge incinerator at Asplund Wastewater Treatment Facility.	\$1,000,000	1.5%	20				2/1/2018	6/1/2018	Fix it First

◆ Disadvantaged Community

■ Equivalency Project

● Extra 50 points for "ready to go projects," approved construction by February 21, 2017

**Total Requested Amount This Page: \$38,682,774**

**Total Equivalency Amount This Page: \$3,466,900**

**Total Subsidy Amount This Page<sup>3</sup>: \$0**

**Total Green Amount This Page: \$6,029,774**

**Total through #22: \$ 67,060,268**

**Total through #22: \$ 27,685,294**

**Total through #22: \$ 638,160**

**Total through #22: \$ 9,678,874**

<sup>1</sup> Total subsidy funding for the Ketchikan - Schoenbar Road Sewer Mains Replacement Phases 1 and 2 project is limited to \$500,000. Total subsidy funding for Nome - NJUS Sclaircore Replacement, Phase III is limited to available funding.

<sup>2</sup> Full funding of the Anchorage - AWWU - Mills Drive Sewer Upgrade 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.

<sup>3</sup> Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

<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. Funding for Green projects is based on meeting a minimal required amount of \$797,000 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; "EUM" - Effective Utility Management to 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

**ALASKA CLEAN WATER FUND  
Point Source Funding Planning List  
Fiscal Year 2018**

Rank	Score	APDES Permit Number	Clean Water Needs 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>
23	200	AK-0021474	III(b)	Sitka	WWTP Building Envelope Improvements■	Replace 30-year old building envelope, including doors, windows, insulation, sheathing and wooden cladding to improve the facility's insulation and moisture resistance, and reduce the amount of energy needed to maintain a working temperature in the facility.	\$1,825,000	1.5%	20		\$1,825,000	ENG	7/1/2017	5/1/2018	EUM
24	200	AK-0022551	III(b)	Anchorage - AWWU	SE Bragaw Glenn Sewer Upgrades■	Rehabilitate or replace 7 each 8" concrete sewer mains totaling 1,900 feet at the end of their useful life.	\$1,282,000	1.5%	20				5/1/2017	4/2/2018	Fix it First
25	195	AK-0022551	III(b)	Anchorage - AWWU	PS 12 Force Mains■	This project will reconstruct the force main crossing at Campbell Creek, which was built in 1971 and currently sits atop two 8'-10" X 6'-1" galvanized arches that are nearing the end of their useful lives.	\$1,282,000	1.5%	20				5/1/2017	8/1/2018	Fix it First
26	190	AK-0022551	III(b)	Anchorage - AWWU	Turpin Street Septage Receiving Station Upgrade■	Provide pre-screening of liquid waste streams at the septage receiving station to reduce plugs and eliminate plugging of the downstream interceptor.	\$1,308,000	1.5%	20				2/1/2018	6/1/2018	EUM
27	185	AK-0022551	III(b)	Anchorage - AWWU	PS 52 Improvements■	Reconstruct an existing pump station to meet current and expected future capacity.	\$1,708,000	1.5%	20				5/1/2017	5/4/2018	EUM
28	175	AK-0022551	III(b)	Anchorage - AWWU	King Street Septage Receiving Station■	Rehabilitate and upgrade the existing King St. Septage Receiving Station to improve the access, reliability and cleanliness of the existing station.	\$1,378,400	1.5%	20				5/1/2017	1/27/2018	EUM
29	175	AK-0022551	III(b)	Anchorage - AWWU	Farm Ave Sewer Rehab■	Replace undersized gravity sewer pipes downstream of PS 53, which are currently running at 100% design capacity, to accommodate pump station flow.	\$2,332,800	1.5%	20				5/1/2017	5/15/2018	EUM
30	115	AK-0022551	III(b)	Anchorage - AWWU	AWWTF Resource Recovery■	Implement energy recovery improvements at the Asplund Wastewater Treatment Facility through the design of a new gasification system to replace the aging incinerator.	\$800,000	1.5%	20		\$800,000	ENG	2/1/2018	2/1/2018	EUM
31	115	AK-0022543	III(b)	Anchorage - AWWU	ERWWTF Facility Plan■	Update and replace the prior facility plan with considerations of current and future use, discharge permit compliance, population projections, and other utility initiatives.	\$400,000	1.5%	20				5/1/2017	2/2/2017	Planning
32	110	AK-0022551	III(b)	Anchorage - AWWU	King Street Improvements■	Improvements to the Main Building 2nd floor office, Main Building 1st floor office, and Shop Building. Additionally, Main Building exterior upgrades and Main Building mechanical upgrades.	\$3,000,000	1.5%	20		\$820,000	ENG	5/1/2017	6/6/2020	EUM
33	85	AK-0022551	III(b)	Anchorage - AWWU	King St Back Up Power Upgrades■	Installation of backup power to the King Street O&M Main Building Headquarters, and to the existing King Street Warm Storage Building.	\$465,800	1.5%	20				5/2/2017	6/6/2020	EUM
34	75	AK-0022551	III(b)	Anchorage - AWWU	King Street Warm Storage Bldg Upgrade■	Development of a new low cost stand alone building to house existing equipment, new equipment including SS trunk cleaning equipment, and future equipment.	\$3,288,000	1.5%	20				5/1/2017	6/4/2020	EUM
35	70	AK-0021555	III(b)	City of Kodiak◆	WWTP Phase I Condition & Process Assessment	Complete a condition and process assessment of the entire WWTP, two major Lift Stations and associated force mains, with a focus on identifying potential energy efficiency improvements.	\$600,000	1.5%	20				10/16/2017	9/1/2020	Planning

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

■ Equivalency Project (criteria may be referenced on page 13)

● Extra 50 points for "ready to go projects," approved construction by February 21, 2017

**Total Requested Amount This Page: \$19,670,000**

**Total Equivalency Amount This Page: \$19,070,000**

**Total Subsidy Amount This Page<sup>3</sup>: \$0**

**Total Green Amount This Page: \$3,445,000**

**Total through #35: \$ 86,730,268**

**Total through #35: \$ 46,755,294**

**Total through #35: \$ 638,160**

**Total through #35: \$ 13,123,874**

<sup>1</sup> Total subsidy funding for the Ketchikan - Schoenbar Road Sewer Mains Replacement Phases 1 and 2 project is limited to \$500,000. Total subsidy funding for Nome - NJUS Sclaircore Replacement, Phase III is limited to available funding.

<sup>2</sup> Full funding of the Anchorage - AWWU - Mills Drive Sewer Upgrade 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.

<sup>3</sup> Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

<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. Funding for Green projects is based on meeting a minimal required amount of \$797,000 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; "EUM" - Effective Utility Management to 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

# **APPENDIX IIb**

## **ALASKA CLEAN WATER FUND**

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



**ALASKA CLEAN WATER FUND  
Non-Point Source Funding Priority List  
Fiscal Year 2018**

Rank	Score	Community	Project Title	Project Description	How this project implements Alaska's Nonpoint Source Strategy:	Requested Assistance Amount <sup>1</sup>	Subsidy <sup>2</sup>	Green Project Amount <sup>3</sup>	Green Project Type <sup>3</sup>	Finance Charge Rate	Term (Yrs)	Estimated Binding Commitment
1	190	Whittier ♦	Whittier Small Boat Harbor Upgrade	Replace deteriorating dock structures in the Small Boat Harbor.	The EPA approved Alaska Strategy identifies as a priority under Roads, Highways, and Bridges (RHB-1) "Work with local communities and agencies to incorporate pollution prevention procedures into road operation and maintenance, and design/ construct structures to minimize environmental impact."	\$1,805,000	\$159,540		WTR	1.5%	20	7/1/2017
2	180	Cordova ♦	Piling Replacement & Waste Handling	Replace approximately 180 creosote pilings in the South Harbor that are 35 years old and install a marine sewage pump out station.	The EPA approved Alaska Strategy identifies as a priority under Harbors and Marinas Action Plan (HM-5) "For harbors, marinas and other areas where fish waste or sanitation is an issue, work to improve fish waste disposal or install sewage pump outs," and Roads, Highways, and Bridges (RHB-1) "Work with local communities and agencies to incorporate pollution prevention procedures into road operation and maintenance, and design/ construct structures to minimize environmental impact."	\$4,033,000		\$365,000	EIN	1.5%	20	7/1/2017
3	175	Cordova <sup>4</sup> ♦	Storm Water Improvements	Install a storm drain and connect up to 13 buildings to eliminate stormwater runoff, as well as address inadequate storm drain systems in five additional areas.	The EPA approved Alaska Strategy identifies as a priority under Urban and Community Action Plan (UR-A1) "Support local entities in their actions to develop and implement controls for non-point source pollution resulting from both stormwater and on-site systems. Actions may include, but not be limited to: ordinance development, construction of engineering controls, enforcement of existing controls, and construction of low impact development (LID) facilities, and regulation of on-site sewage."	\$3,176,740		\$144,300	GIF	1.5%	20	7/1/2017

♦ Disadvantaged Community

Total Requested Amount: **\$9,014,740**

Total Amount Available: **\$6,775,968**

Total Subsidy: **\$159,540**

Total Green Amount: **\$509,300**

<sup>1</sup> Total available loan and subsidy (as principle forgiveness) funding amounts under this amended IUP are \$33,879,842 and \$797,700, respectively and are split on a ratio of 80/20 between Point Source Priority List (\$27,103,873 & \$638,160 of subsidy) and Non-Point Source Priority List (\$6,775,968 & \$159,540 of subsidy) projects.

<sup>2</sup> Subsidy eligibility criteria and allocation methods are described on page 10 of the IUP.

<sup>3</sup> Green Project Reserve Category Type: GIF - Green Infrastructure, WTR - Water Efficiency, ENG - Energy Efficiency & EIN - Environmentally Innovative. Funding for Green projects is based on meeting a minimal required amount of \$797,000 under the State's capitalization grant for the program. Note, an extra 25 scoring points are awarded to Green projects.

<sup>4</sup> Full funding of the Cordova Storm Water Improvements will be dependent upon remaining available loan funds. The Department will negotiate with Cordova to provide additional funds as they become available later in the year.

# **APPENDIX III**

## **ALASKA CLEAN WATER FUND**

### **Public Comments**

**The following is a summary of comments and questions received during the public comment period of the draft SFY18 ACWF IUP, as well as ADEC's response to each:**

*Environmental Protection Agency (EPA):* Does ADEC have specific plans for use of the banked 4% set-aside funds and why is it no longer needed for operator training?

*ADEC:* The Operator Certification Program adopted regulations changes in mid-SFY17 that included fee increases for most services. As a result of the increased revenue, less set-aside funds were used in SFY17 for operator training purposes. However, the program expects to use set-aside funds in the future as the newly formed Technical Assistance and Financing Program becomes fully staffed in SFY18.

*EPA:* Third bullet of disadvantaged criteria (page 10) is confusing. Does it mean that the five-year population trend for the community needs to deviate from the state population trend by 5% for the community to be considered disadvantaged?

*DEC:* We concur that this criteria, as written in the Draft IUP, was confusing. The criteria has been revised to read, "The five year population trend for the community is outside the range defined by the state five year population trend, plus or minus 5%."

*EPA:* Language on requiring a GPR business case can be removed from page 11.

*DEC:* We concur and it has been removed.

*Anchorage Water Wastewater Utility (AWWU):* The project amount for the AWWTF General Improvements to Support Concrete Inspection is on the IUP for \$849,900; should have been \$894,900.

*ADEC:* We concur and the amount has been corrected.

*AWWU:* The ACW ERWWTF Facility Plan (\$400,000) was not included in the list of projects.

*ADEC:* This project was left off the list in error and has been included in the final list.

*City of Kodiak:* The Kodiak WWTP Ph. I Condition & Process Assessment project was not on the draft project list.

*ADEC:* This project was left off the list in error and has been included in the final list.

*City of Cordova:* There was a typo in the City's calculation of engineering costs in the questionnaire. The total project amount should be \$3,176,740 rather than \$4,169,740.

*ADEC:* This correction has been made in the final IUP.

*City of Cordova:* Cordova's CW Piling Replacement & Wastewater Handling project was scored at 180 but ranked below Whittier's project with a score of 170.

*ADEC:* This was a typographical error in the scores which has been corrected in the final IUP. The scores were incorrect but the ranking was correct.

# **APPENDIX IV**

## **ALASKA CLEAN WATER FUND**

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

**ALASKA CLEAN WATER FUND**  
**Estimated Disbursement Schedule**  
**FFY17 Capitalization Grant Funded & Other Program Funded Projects**

Entity	Project/Set-Aside	Amount	FFY17	FFY18	FFY18	FFY18	FFY18	FFY19	FFY19	FFY19
			4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.
ADEC	Administrative Costs	\$1,108,000	\$110,800	\$166,200	\$221,600	\$55,400	\$110,800	\$166,200	\$221,600	\$16,342
Anchorage - AWWU	GWWTf Upgrade Phase II	\$15,800,000	\$1,580,000	\$2,370,000	\$3,160,000	\$790,000	\$1,580,000	\$2,370,000	\$3,160,000	\$790,000
Petersburg	Pump Station 4 Force Main Replacement	\$360,000	\$36,000	\$54,000	\$72,000	\$18,000	\$36,000	\$54,000	\$72,000	\$18,000
Ketchikan	Schoenbar Road Sewer Mains Replacement Phase	\$1,795,197	\$179,520	\$269,280	\$359,039	\$89,760	\$179,520	\$269,280	\$359,039	\$89,760
Ketchikan	Schoenbar Road Sewer Mains Replacement Phase	\$1,795,197	\$179,520	\$269,280	\$359,039	\$89,760	\$179,520	\$269,280	\$359,039	\$89,760
Anchorage - AWWU	D-2-4 Trunk Improvements	\$750,000	\$75,000	\$112,500	\$150,000	\$37,500	\$75,000	\$112,500	\$150,000	\$37,500
Nome - NJUS	Sclaircore Replacement, Phase III	\$3,249,100	\$324,910	\$487,365	\$649,820	\$162,455	\$324,910	\$487,365	\$649,820	\$162,455
Anchorage - AWWU	Blueberry Sewer Rehabilitation	\$1,176,000	\$117,600	\$176,400	\$235,200	\$58,800	\$117,600	\$176,400	\$235,200	\$58,800
Petersburg	Scow Bay 1 Pump Station Upgrade	\$550,000	\$55,000	\$82,500	\$110,000	\$27,500	\$55,000	\$82,500	\$110,000	\$27,500
Anchorage - AWWU	W 72nd Ave Trunk Rehabilitation	\$1,200,000	\$120,000	\$180,000	\$240,000	\$60,000	\$120,000	\$180,000	\$240,000	\$60,000
Anchorage - AWWU	1st Avenue A-F Streets Sewer Rehabilitation	\$420,000	\$42,000	\$63,000	\$84,000	\$21,000	\$42,000	\$63,000	\$84,000	\$21,000
Anchorage - AWWU	Mills Drive Sewer Upgrade	\$1,282,000	\$128,200	\$192,300	\$256,400	\$64,100	\$128,200	\$192,300	\$256,400	\$64,100
Skagway	State Street Sanitary Sewer & Water Upgrades	\$1,800,000	\$180,000	\$270,000	\$360,000	\$90,000	\$180,000	\$270,000	\$360,000	\$90,000
Mat-Su Borough	Mat-Su Septage & Leachate Treatment Facility	\$22,000,000	\$2,200,000	\$3,300,000	\$4,400,000	\$1,100,000	\$2,200,000	\$3,300,000	\$4,400,000	\$1,100,000
Ketchikan	Tongass Avenue Sewer Rehabilitation Phase II	\$1,375,830	\$137,583	\$206,375	\$275,166	\$68,792	\$137,583	\$206,375	\$275,166	\$68,792
Anchorage - AWWU	Girdwood I&I, Ph VIII	\$500,000	\$50,000	\$75,000	\$100,000	\$25,000	\$50,000	\$75,000	\$100,000	\$25,000
Mat-Su Borough	Central Landfill Cell 4 Design and Construction	\$7,000,000	\$700,000	\$1,050,000	\$1,400,000	\$350,000	\$700,000	\$1,050,000	\$1,400,000	\$350,000
Anchorage - AWWU	Seppala Drive Sanitary Sewer Main Reconstruction - W 30th Ave to N Lights Blvd	\$572,000	\$57,200	\$85,800	\$114,400	\$28,600	\$57,200	\$85,800	\$114,400	\$28,600
Ketchikan	Water St. Sewer replacement/Rehab Phase I	\$1,803,899	\$180,390	\$270,585	\$360,780	\$90,195	\$180,390	\$270,585	\$360,780	\$90,195
Ketchikan	Water St. Sewer replacement/Rehab Phase II	\$1,236,145	\$123,615	\$185,422	\$247,229	\$61,807	\$123,615	\$185,422	\$247,229	\$61,807
Anchorage - AWWU	AWWTf Scum Pump & Inline Grinder	\$500,000	\$50,000	\$75,000	\$100,000	\$25,000	\$50,000	\$75,000	\$100,000	\$25,000
Anchorage - AWWU	AWWTf General Improvements to Support Concrete Inspection	\$849,900	\$84,990	\$127,485	\$169,980	\$42,495	\$84,990	\$127,485	\$169,980	\$42,495
Anchorage - AWWU	AWWTf Incinerator Improvements	\$1,000,000	\$100,000	\$150,000	\$200,000	\$50,000	\$100,000	\$150,000	\$200,000	\$50,000
Sitka	WWTP Building Envelope Improvements	\$1,825,000	\$182,500	\$273,750	\$365,000	\$91,250	\$182,500	\$273,750	\$365,000	\$91,250
Anchorage - AWWU	SE Bragaw Glenn Sewer Upgrades	\$1,282,000	\$128,200	\$192,300	\$256,400	\$64,100	\$128,200	\$192,300	\$256,400	\$64,100
Anchorage - AWWU	PS 12 Force Mains	\$1,282,000	\$128,200	\$192,300	\$256,400	\$64,100	\$128,200	\$192,300	\$256,400	\$64,100
Anchorage - AWWU	Turpin Street Septage Receiving Station Upgrade	\$1,308,000	\$130,800	\$196,200	\$261,600	\$65,400	\$130,800	\$196,200	\$261,600	\$65,400
Anchorage - AWWU	PS 52 Improvements	\$1,708,000	\$170,800	\$256,200	\$341,600	\$85,400	\$170,800	\$256,200	\$341,600	\$85,400
Anchorage - AWWU	King Street Septage Receiving Station	\$1,378,400	\$137,840	\$206,760	\$275,680	\$68,920	\$137,840	\$206,760	\$275,680	\$68,920
Anchorage - AWWU	Farm Ave Sewer Rehab	\$2,332,800	\$233,280	\$349,920	\$466,560	\$116,640	\$233,280	\$349,920	\$466,560	\$116,640
Anchorage - AWWU	AWWTf Resource Recovery	\$800,000	\$80,000	\$120,000	\$160,000	\$40,000	\$80,000	\$120,000	\$160,000	\$40,000
Anchorage - AWWU	King Street Improvements	\$3,000,000	\$300,000	\$450,000	\$600,000	\$150,000	\$300,000	\$450,000	\$600,000	\$150,000
Anchorage - AWWU	King St Back Up Power Upgrades	\$465,800	\$46,580	\$69,870	\$93,160	\$23,290	\$46,580	\$69,870	\$93,160	\$23,290
Anchorage - AWWU	King Street Warm Storage Bldg Upgrade	\$3,288,000	\$328,800	\$493,200	\$657,600	\$164,400	\$328,800	\$493,200	\$657,600	\$164,400

**ALASKA CLEAN WATER FUND**  
**Estimated Disbursement Schedule for NonPoint Projects**  
**FFY17 Capitalization Grant Funded & Other Program Funded Projects**

<b>Entity</b>	<b>Project/Set-Aside</b>	<b>Amount</b>	<b>FFY17 4th Qtr.</b>	<b>FFY18 1st Qtr.</b>	<b>FFY18 2nd Qtr.</b>	<b>FFY18 3rd Qtr.</b>	<b>FFY18 4th Qtr.</b>	<b>FFY19 1st Qtr.</b>	<b>FFY19 2nd Qtr.</b>	<b>FFY19 3rd Qtr.</b>
Whittier	Whittier Small Boat Harbor Upgrade	\$ 1,805,000	\$ 180,500	\$ 270,750	\$ 361,000	\$ 90,250	\$ 180,500	\$ 270,750	\$ 361,000	\$ 90,250
Cordova	Piling Replacement & Waste Handling	\$ 4,033,000	\$ 403,300	\$ 604,950	\$ 806,600	\$ 201,650	\$ 403,300	\$ 604,950	\$ 806,600	\$ 201,650

# **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  
Women’s and Minority Business Enterprise, Executive Order 12138  
Women’s and Minority Business Enterprise, Executive Order 12432  
Rehabilitation Act of 1973, Executive Order 11914  
Rehabilitation Act of 1973, Executive Order 11240  
Uniform Relocation and Real Property Acquisition Policies Act of 1970, PL 91-646  
Debarment and Suspension, Executive Order 12549  
Safe Drinking Water Act, Section 1424(e), PL 92-523, as amended  
Wetlands, Executive Order 11990  
Environmental Justice, Executive Order 12898  
Small Businesses in Rural Areas, PL 100-590  
Drug Free Workplace, PL 100-690  
Anti-lobbying, PL 101-121