



**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ALASKA DRINKING WATER FUND STATE REVOLVING FUND
FISCAL YEAR 2012 – DRINKING WATER PROJECT QUESTIONNAIRE**

Please complete a questionnaire for each project you want considered for a loan from the **Alaska Drinking Water Fund (ADWF)**. Please familiarize your self with the ADWF Criteria before completing this questionnaire.

STEP 1 - MUNICIPALITY INFORMATION

Proposed Project

Project Title: _____

Municipality or Entity: _____

Contact Information

Your Name: _____

Position: _____

Phone Number: _____ Fax Number: _____

Address 1: _____

Address 2: _____

City: _____

Zip: _____ E-Mail Address: _____

STEP 2 - PROJECT INFORMATION

Project Scope

Please check the appropriate category(s) of your project's scope and then describe your project:

_____ New Water Treatment Facility Rehabilitation or Expansion of an Existing Water Treatment Facility

_____ Construction or Rehabilitation of a Treated Water Storage Facility

_____ Construction of a New Water Distribution System

_____ Rehabilitation or Expansion of an Existing Distribution System

_____ Construction of New Water Transmission Pipes

_____ Rehabilitation of Existing Water Transmission Pipes

_____ Other: _____

Project Type: Design (Only) Construction (Only) Design & Construction

Project Description: _____

GREEN PROJECT/COMPONENT INFORMATION (If Applicable)

Identify the most appropriate "Green" category type

_____ ENERGY EFFICIENCY – the use of improved technologies and practices to reduce the energy consumption of water quality projects. Examples: water utility energy audits; clean power for public owned facilities; leak detection equipment; retrofits/upgrades to pumps & treatment processes; and, replace/rehabilitation of high distribution leakage.

_____ WATER EFFICIENCY – the use of improved technologies and practices to deliver equal or better services with less water. Examples: water meters; fixture retrofit; replace/rehabilitation of distribution; and, leak detection equipment.

Green Project/Component Description: _____

Green Project/Component Cost

TOTAL "GREEN" PROJECT/COMPONENT COST

Administration	\$	_____
Legal	\$	_____
Preliminary Studies/Reports	\$	_____
Engineering Design	\$	_____
Inspection/Surveying/Construction	\$	_____
Management		
Construction	\$	_____
Equipment	\$	_____
Contingencies	\$	_____
Other _____	\$	_____
Total Cost	\$	_____

STEP 3 - PUBLIC HEALTH (0 – 100 POINTS):

Purpose

Please describe any threats to public health this project addresses by choosing one of the following and giving a written explanation below. NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Type of Public Health Project (select one):

- 1. This project will correct the cause of a documented human disease event. (100 Pts.)
- 2. This project will provide potable water to a community or area currently not served by piped service. (75 Pts.)
- 3. This project will eliminate acute risks to public health. (75 Pts.)
- 4. This project will correct potential long-term, chronic health problems or repair or replace serious distribution system problems or leaks. (50 Pts.)
- 5. This project will eliminate potential health hazards, provide treatment of secondary contaminants such as iron or manganese, or enhance system operations. (30 Pts.)
- 6. This project has no significant health related issues. (0 Pts.)

Description:

Step Guidance

Choice 1: *Examples include outbreaks of Hepatitis, Giardiasis, and Cryptosporidiosis.*

Choice 2: *Examples include existing watering points, existing water buckets/self haul communities or other existing un piped systems. Projects predominantly for future growth or areas served by adequate supplies are ineligible.*

Choice 3: *Examples include projects that will resolve microbial risk from inadequately treated surface water or groundwater, CT tank construction or treatment of dangerously high levels of contaminants such as nitrate exceedances or chemical concentrations greater than 10-day health advisories.*

Choice 4: *Examples include VOC removal, pH adjustment or replacement of wood-stave pipe and/or correction of potential distribution system freeze-up problems.*

Choice 5: *Examples include periodic exceedances of primary MCLs due to mechanical or structural problems, undersized or inadequate components or low pressure problems. This can include SCADA and other process instrumentation.*

STEP 4 - COMPLIANCE WITH SAFE DRINKING WATER ACT (0 – 35 POINTS):

Purpose

Please describe how this project will allow your system to comply with federal or state drinking water regulations by choosing one of the following and giving a written explanation below. If your system is under a formal compliance agreement, please provide a copy. NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Project Compliance (select one)

- 1. This project will allow a system to come into compliance with an executed Compliance-Order-By-Consent (COBC) or Administrative Order, Judicial Decision or Consent Decree. (35 Pts.)
- 2. This project will resolve a significant compliance issue. (25 Pts.)
- 3. This project will address a documented compliance issue. (10 Pts.)
- 4. This project has no significant compliance related issues. (0 Pts.)

Description:

Step Guidance

Choice 1: Points will be awarded only for agreements executed between the appropriate primacy health agency (U.S. Environmental Protection Agency or Alaska Department of Environmental Conservation) and the system owner or for a judicial decree.

Choice 2: Examples include SNC violations, NOVs and boil-water notices.

Choice 3: Examples include documented compliance issues that are relatively minor in nature. Documentation can include agency notification letters.

- Document on file with ADEC Document is attached Document to be mailed or faxed

Attachments:

Title: _____ Date: _____

Title: _____ Date: _____

Title: _____ Date: _____

STEP 5 - AFFORDABILITY (3 – 10 POINTS):

Purpose

NOTE: In order to receive points for the affordability criteria, you will need to supply us with documentation of recent information for your community and your water system fee structure. For many communities, income data can be obtained from past census data or from the Department of Commerce, Community and Economic Development. (DCCED web link: http://www.commerce.state.ak.us/dca/commdb/CF_COMDB.htm)

Medium Household Income/Month (MHI) = _____

Average Monthly Household Water Rate after project completion (AMHWR) = _____

Percentage (AMHWR / MHI * 100) = _____

Step Guidance

These points will only be given if a water system provides recent income data, population figures and a fee structure or ordinances. The average monthly household cost for water service, after project completion, will be divided by the monthly medium household income.

The monthly medium household income will be documented by a current survey or census data.

High:

(monthly water cost/monthly income) > 1% (10 pts)

Moderate:

(monthly water cost/monthly income) 0.5% - 1% (6 pts)

Low:

(monthly water cost/monthly income) <0.5% (3 pts)

STEP 6 - LEAD WATER SYSTEM OPERATOR (0 TO 5 POINTS):

Purpose

Please provide the name, type and level of certificate and certification number of your lead water system operator. In order to obtain these points, your system needs to be under the supervision of a state certified operator at the proper certification level.

Lead Operator

Is the lead operator a state certified operator and of the proper certification level? **Yes** **No**

Name _____
Certification Type and Level _____
Number _____

STEP 7 - LOAN REPAYMENT (0 – 5 POINTS):

Purpose

Please indicate how you intend to repay this loan. This could include enacted ordinances, resolutions adopting fee structures or rate analysis recommendations that include provisions for this loans repayment, bonds, or voter referendum results. NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Do you have a repayment method or this loan? Yes No

Method of Repayment

- 1. User Fees
- 2. General Funds
- 3. Other _____

Further Explanation: _____

STEP 8 - ADDITIONAL CONSIDERATIONS (0 – 20 POINTS):

Purpose

Construction Documents: (5 Pts)

Have construction documents been prepared and submitted to the appropriate DEC office? NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Yes Date Submitted: _____
 No

Engineering Feasibility Study: (5 Pts)

Has an engineering feasibility study, including detailed cost estimates, been prepared? If so, please submit a copy. NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Yes Title: _____ Date Submitted: _____
 No

Project Consolidation: (5 Pts)

Will this project combine or consolidate two or more existing public water systems? If yes, please provide a brief explanation.

Yes

No

Further Explanation:

Environmental Review: (5 Pts)

Has an environmental review been prepared or completed for this project? This can include other state and federal actions under NEPA, U.S. Army Corps of Engineers wetlands permitting and State Coastal Zone Consistency reviews. If yes, please provide a brief explanation. NOTE: For consideration of receiving points on this step, you should attach supporting documentation.

Yes

No

Further Explanation:

STEP 9 - PROJECT COSTS

Purpose

Please provide an estimate of total project costs. These costs can be documented by an engineering cost analysis or feasibility study, or if not available an estimate can be filled in below.

Estimated Project Costs:

Administration	_____
Project Design	_____
Engineering Management/Inspection	_____
Construction	_____
Equipment	_____
Other (Contingency)	_____
Total Costs (Sum of above)	_____

Cost Estimate By:

Name	_____
Title or Position	_____
Organization	_____
Phone Number	_____
E-Mail Address	_____

Document on file with ADEC Document is attached Document to be mailed or faxed

Attachments:

Title: _____ Date: _____

Title: _____ Date: _____

Title: _____ Date: _____

STEP 10 - OTHER PROJECT INFORMATION

Purpose

Please provide answers to the following questions.

Total Loan Request:

Considering that an ADEC loan can be up to 100 percent of total eligible project costs, how much will your loan request to ADEC be for this project? \$_____

Construction Begin Date:

If funds were made available for this project, when do you estimate construction would begin? Date: _____

Loan Commitment Date:

When do you estimate a loan commitment could be made? Date: _____

Population to Benefit:

Please estimate the population which will benefit from this project. _____

**THANK YOU FOR COMPLETING THE
ADWF: DRINKING WATER LOAN QUESTIONNAIRE**

Please mail or fax (907-465-5177) the questionnaire and attachments to the following address

Alaska Department of Environmental Conservation
Municipal Grants & Loans
P.O. Box 111800
410 Willoughby Avenue, Suite 303
Juneau, AK 99811-1800