

Appendix 1

Alaska Drinking Water Fund Projects Priority Criteria for SFY20

Alaska Drinking Water State Revolving Fund - Priority Criteria for SFY20 Projects

PUBLIC HEALTH CONSIDERATIONS (only one):		Points
1	<p>This project will correct the cause of a human disease event documented by ADEC or a recognized public health organization. Documentation is required.</p> <p><i>Examples:</i> <i>Outbreaks of Hepatitis, Giardiasis or Cryptosporidiosis.</i> <i>Installation of new water mains in an area where there is a documented well contamination by a regulated contaminant that exceed safe standards, or a contaminant that is not regulated by EPA and/or the State, but has an established health advisory level.</i></p>	100
2	<p>This project will eliminate acute risks to public health. Documentation is required.</p> <p><i>Examples:</i> <i>Provides potable water to a community or area currently not served by piped service, but has existing water points or other haul systems.</i> <i>Will resolve microbial risk from inadequately treated surface water or groundwater with long term deadlines.</i> <i>Treatment for exceedances of acute contaminants such as nitrate, or treatment for long term (> 2 years) MCL or Action Level exceedances for a chronic contaminant such as DBPs, lead, arsenic, etc..</i> <i>Increase capacity where it is insufficient to meet public health needs. Examples include: source quantity; raw or treated water storage capacity to meet demand; well intake or distribution system pumps.</i></p>	75
3	<p>This project will correct potential long-term, chronic health threats or resolve serious distribution system problems or leaks. Documentation is required.</p> <p><i>Examples:</i> <i>VOC removal, pH adjustment, action level or primary MCL exceedances due to source water quality or contamination.</i> <i>Replacement of documented pipes or facilities that are leaking or constructed of inferior materials (example – asbestos cement pipe, structurally impaired water tank/reservoir).</i> <i>Correction of documented distribution system freeze-up problems..</i></p>	50
4	<p>This project will eliminate potential health hazards, provide treatment of secondary contaminants such as iron or manganese, or enhance system operations.</p> <p><i>Examples:</i> <i>Periodic exceedances of action level or primary MCLs due to mechanical or structural problems, undersized or inadequate components or fixtures, or low pressure issues.</i> <i>Replacement of pipe or facilities that are suspected to leak or constructed of inferior materials. Documentation of leaks is not required.</i> <i>Extension of water service for existing customers and/or water main looping to remove dead-end mains</i> <i>SCADA and other process instrumentation installations.</i></p>	30
5	<p>This project has no significant health hazard related issues.</p>	0
COMPLIANCE WITH SAFE DRINKING WATER ACT (only one)		
1	<p>This project will allow a system to come into compliance with an executed Compliance-Order-By-Consent (COBC), Administrative Order, Judicial Decision or Consent Decree. Documentation required.</p> <p>Points will be awarded only for agreements executed between the appropriate primary health agency (US Environmental Protection Agency or Alaska Department of Environmental Conservation) and the system owner or for a judicial decree.</p>	35
2	<p>This project will resolve a significant compliance issue. Documentation required.</p> <p>Enforcement Targeting Tool (ETT) violations, Notices of Violation (NOVs), repeated or long-term boil water notices, one or more RTRC Level 2 Assessments</p>	25
3	<p>This project will address a documented compliance issue. Documentation required.</p> <p>Examples include relatively minor compliance issues documented by an agency notification letter.</p>	10
4	<p>This project addresses no significant compliance related issues.</p>	0
SOURCE WATER PROTECTION (Only one)		
1	<p>The system's Drinking Water Protection Plan is current (within 3 years) and on file with ADEC Drinking Water Program. No documentation is required.</p>	5
2	<p>This project specifically addresses system vulnerabilities or potential sources of contamination that are identified in the Drinking Water Protection Plan. Documentation must be provided and will be verified by ADEC.</p>	10
3	<p>The system's Drinking Water Protection Plan is not current and/or the project does not address any vulnerabilities or potential sources of contamination.</p>	0

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AFFORDABILITY (Only one)				
<p>Points will only be given if a water system provides recent income data, population figures, and a fee structure or ordinance. The average monthly household cost for water service, after project completion, will be divided by the monthly mean household income. The monthly mean household income will be documented by a current survey or census data. The web page link for the data is located at the Department of Labor and Workforce Development Research & Analysis Section: http://laborstats.alaska.gov</p>				
	Monthly Water Cost / Monthly Income			
1	High	> 1 %	10	
2	Medium	0.5% - 1.0 %	6	
3	Low	< 1.0 %	3	
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
ABILITY TO REPAY (Only one)				
1	The source, amount and year of repayment funds have been identified and are available now. This does not include anticipated funds from future year funding or appropriations. Documentation is required.			5
2	Matching funds have not yet been identified.			0
ADDITIONAL CONSIDERATIONS (Up to 15 points)				
1	Construction documents have been prepared (under 18 AAC 80) and submitted to the appropriate ADEC Drinking Water program office. Documentation required.			5
2	A detailed engineering feasibility study, including detailed cost estimates, has been prepared and submitted to the ADEC SRF Program. Documentation required.			5
3	This project will result in the regionalization and/or consolidation of two or more existing public water systems. Documentation required.			5
SUSTAINABILITY PROJECTS (Only one)				
1	Fix it First Projects – These are projects currently located in an established area which is still suitable for use and should be encouraged over project in undeveloped areas. The repair, replacement and upgrade of infrastructure in these types of areas are encouraged.			50
2	Effective Utility Management – Plans, studies and projects that improve the technical, managerial and financial capacity of assistance recipients to operate, maintain and upgrade their infrastructure. Improved stewardship of the existing infrastructure will help improve sustainability and extend the useful life of the system.			25
3	Planning – Preliminary planning, development of alternatives, and capital projects that reflect the full life cycle cost of infrastructure, conserve natural resources or use alternative approaches to integrate natural systems in the built environment.			25
4	Not applicable.			0
GREEN PROJECT (Determined by ADEC)				
	The applicant has sufficiently demonstrated eligible Green components under the project.			25