



ALASKA DRINKING WATER STATE REVOLVING LOAN FUND PRIORITY CRITERIA FOR FY18 DRINKING WATER PROJECTS

The federal Safe Drinking Water Act requires states to fund projects from their state revolving loan fund based upon public health, compliance and affordability criteria. The following criteria have been established for Alaska's prioritization process.

| <u>PUBLIC HEALTH (Only one)</u> | <u>Assigned Points</u> |
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| <p>1) 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></p> <ul style="list-style-type: none"> • <i>Outbreaks of Hepatitis, Giardiasis or Cryptosporidiosis.</i> • <i>Upgrading facilities to meet new EPA/ADEC regulations w/ short term deadlines (examples: arsenic /LT2 rules)</i> • <i>Installation of new water mains in an area where there is a documented well contamination by a regulated contaminant that exceeds safe standards, or a contaminant that is not regulated by EPA and/or the State, but has an established health advisory level.</i> | 100 |
| <p>2) This project will eliminate acute risks to public health. Documentation is required</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> • <i>Provides potable water to a community or area currently not served by piped service, but that have existing watering points or other haul systems.</i> • <i>Will resolve microbial risk from inadequately treated surface water or groundwater.</i> • <i>CT tank construction or other construction to meet federal and state standards with long term deadlines.</i> • <i>Treatment for exceedances of acute contaminants such as nitrate, or treatment for long term (greater than 2 years) MCL or Action Level exceedances for a chronic contaminant such as DBPs, Lead, Arsenic, etc.</i> • <i>Water systems lacking sufficient capacity for meeting public health needs. Examples include: inadequate source quantity; insufficient raw or treated water storage capacity to meet demand; undersized well, intake or distribution system pumps.</i> | 75 |
| <p>3) 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></p> <ul style="list-style-type: none"> • <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> | 50 |

PUBLIC HEALTH - Continued (Only one)

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| 4) This project will eliminate potential health hazards, provide treatment of secondary contaminants such as iron or manganese, or enhance system operations. | 30 |
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Examples:

- *Periodic exceedances of action level or primary MCLs due to mechanical or structural problems, undersized or inadequate components or fixtures, or low pressure issues.*
- *Replacement of pipe or facilities that are suspected to leak or constructed of inferior materials. Documentation of leaks is not required.*
- *Extension of water service for existing customers and/or water main looping to remove dead-end mains.*
- *SCADA and other process instrumentation installations.*

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| 5) This project has no significant health hazards related issues. | 0 |
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COMPLIANCE WITH SAFE DRINKING WATER ACT (Only one)

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| 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 |
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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.

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| 2) This project will resolve a significant compliance issue. | 25 |
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Examples include Enforcement Targeting Tool (ETT) violations, Notice of Violations (NOV's) and Boil Water Notices.

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| 3) This project will address a documented compliance issue. | 10 |
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Examples include relatively minor compliance issues documented by an agency notification letter.

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| 4) This project has no significant compliance related issues. | 0 |
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SOURCE WATER PROTECTION (Only One)

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| 1) The system's Drinking Water Protection Plan is current (within two years) and on with ADEC Drinking Water Program. | 5 |
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| 2) 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). | 10 |
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| 3) The system's Drinking Water Protection Plan is not current and/or the project does not address any vulnerabilities or potential sources of contamination. | 0 |
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AFFORDABILITY (Only One)

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 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/>

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| High (monthly water cost/monthly income) | > 1% | 10 |
| Moderate (monthly water cost/monthly income) | 0.5% - 1% | 6 |
| Low (monthly water cost/monthly income) | < 0.5% | 3 |

OPERATOR CERTIFICATION (Only one)

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| 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)

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| 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. | 5 |
| 2) Matching funds have not yet identified. | 0 |

ADDITIONAL CONSIDERATIONS (Additive to 20 Points)

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| 1) Construction documents have been prepared (under 18 AAC 80) and submitted to the appropriate ADEC Drinking Water program office. | 5 |
| 2) A detailed engineering feasibility study, including detailed cost estimates, has been prepared and submitted. | 5 |
| 3) This project will result in the regionalization and/or consolidation of two or more existing public water systems. | 5 |
| 4) Environmental review documentation has been prepared or completed, and is in accordance with National Environmental Protection Act like requirements. | 5 |

| | <u>Assigned Points</u> |
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| <u>SUSTAINABILITY PROJECTS (Only one)</u> | |
| 1) Fix It First Projects | 50 |
| 2) Effective Utility Management | 25 |
| 3) Planning | 25 |
| 4) Not Applicable | 0 |
| <u>GREEN PROJECT (determined by ADEC)</u> | |
| The applicant has sufficiently demonstrated Green eligible components under the project. Program guidance can be found at the following ADEC web site: http://dec.alaska.gov/water/muniloan/forms.htm | 25 |