



# ALASKA CLEAN WATER STATE REVOLVING LOAN FUND PRIORITY CRITERIA FOR SFY19 POINT SOURCE PROJECTS

*Alaska has established the following criteria to prioritize point source water quality projects for funding from the Alaska Clean Water State Revolving Loan Fund. These criteria are used to evaluate and rank point source water quality 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.*

<b><u>PUBLIC HEALTH CONSIDERATIONS (Only one)</u></b>	<b><u>Points</u></b>
<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>• <i>Outbreaks of Hepatitis, Giardiasis or Cryptosporidiosis.</i></li> <li>• <i>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).</i></li> <li>• <i>Installation of new sewer mains in an area where there is documented well contamination resulting from sewer main leaks.</i></li> </ul>	350
<p>2. This project will correct conditions 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>• <i>Violations of a wastewater permit with longer term compliance deadlines (<math>&gt; 1</math> year).</i></li> <li>• <i>Documented failure of on-site disposal systems.</i></li> <li>• <i>Correction of documented I&amp;I issues that prevent the WWTP from meeting permit limits.</i></li> <li>• <i>Construction to address documented surface water contamination violation.</i></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>• <i>Correction of documented issues with a high potential to violate a wastewater permit condition.</i></li> <li>• <i>Replacement of pipes or facilities that are documented as leaking or constructed of inferior materials (example - asbestos cement pipe, structurally impaired lift station wet well).</i></li> <li>• <i>Improvements to a collection system prone to freeze-up.</i></li> <li>• <i>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.</i></li> </ul>	200
<p>4. This project will minimize potential future public health problems. There is no current threat of a disease event.</p> <p><i>Examples:</i></p> <ul style="list-style-type: none"> <li>• <i>Replacement of collection system components that are at end of life, but no documentation of significant failure.</i></li> <li>• <i>Wastewater Treatment Facility upgrades to increase capacity and/or replace obsolete equipment that is not related to a permit violation correction.</i></li> <li>• <i>Improve system security, such as fencing, remote monitoring, access cards, etc.</i></li> <li>• <i>SCADA upgrades</i></li> </ul>	100

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|---|---|---|
| 5 | This project will not address any significant health related issues.  | 0 |
|   | <i>Examples:</i>  |   |
|   | <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)**

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|----|--|-----|
| 1. | This project will correct a documented pollution event in a:   |     |
|    | Non-303 d listed Water Body  | 250 |
|    | 303(d) Category 4a Listed Water Body (Impaired with a final/approved Total Maximum Daily Load (TMDL))  | 240 |
|    | 303(d) Category 4b Listed Water Body (Impaired with other pollution controls)  | 230 |
|    | 303(d) Category 4c Listed Water Body (Impairment not caused by a pollutant - e.g., invasive species, flow modifications)   | 230 |
|    | 303(d) Category 5 Listed Water Body (Impaired, requires TMDL)  | 220 |
| 2. | Current conditions are severe enough that a pollution event can occur; however, one has not been reported or documented. This project will correct the problem in a: |     |
|    | Non-303 d listed Water   | 230 |
|    | 303(d) Category 4a Listed Water Body (Impaired with a final/approved TMDL)   | 220 |
|    | 303(d) Category 4b Listed Water Body (Impaired with other pollution controls)  | 210 |
|    | 303(d) Category 4c Listed Water Body (Impairment not caused by a pollutant - e.g., invasive species, flow modifications)   | 210 |
|    | 303(d) Category 5 Listed Water Body (Impaired, requires TMDL)  | 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 WATERS (Only one)**

This project addresses direct adverse impacts to:

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|----|--|----|
| 1. | Surface or groundwater.  | 10 |
| 2. | Marine waters or estuaries.  | 5  |
| 3. | This project will not address adverse impacts to receiving waters. | 0  |

**PROJECT READINESS (Only one)**

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|----|---|----|
| 1. | This project will complete work that has already begun construction and has an environmental review completed by the ADEC SRF Program. Documentation is attached. | 50 |
| 2. | Engineering plans and specifications have been approved by the ADEC Engineering Support and Plan Review (ESPR) Program. Documentation is attached.                | 40 |

**PROJECT READINESS - Cont'd (Only one)**

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

**FUNDING COORDINATION (Only one)**

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|----|--|----|
| 1. | This loan will be used to match other state or federal funds. Documentation is required to identify each funding source. | 15 |
| 2. | Other funding sources have not been identified.  | 0  |

**ABILITY TO REPAY (Only one)**

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

**SUSTAINABILITY PROJECTS (Only one)**

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| 1. | Fix It First Projects<br>These are projects currently located in an established area, which is still suitable for use, and should be encouraged over projects in undeveloped areas. The repair, replacement and upgrade of infrastructure in these types of areas are encouraged.  | 50 |
| 2. | Effective Utility Management<br>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<br>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 into the built environment.   | 25 |
| 4. | Not Applicable   | 0  |

**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 |

Points

**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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