

Appendix 1

Priority Criteria for SFY20 Point Source and Nonpoint Source Projects

Alaska Clean Water State Revolving Fund - Priority Criteria for SFY20 Point Source Projects

| PUBLIC HEALTH CONSIDERATIONS (only one): | | Points |
|---|--|---------------|
| 1 | This project will correct the cause of a human disease event documented by ADEC or a recognized public health organization. Documentation required to receive 350 points. <i>Examples:</i> <i>Outbreaks of Hepatitis, Giardiasis or Cryptosporidiosis.</i> <i>Upgrading facilities to meet new EPA/ADEC regulations or resolve violation(s) of a wastewater permit with short term compliance deadline (≤ 1 year).</i> <i>Installation of new sewer mains in an area where there is documented well contamination resulting from sewer main leaks.</i> | 350 |
| 2 | This project will correct conditions severe enough that a disease event may occur, although an event may have not yet been reported. <i>Examples:</i> <i>Violations of a wastewater permit with longer term compliance deadlines (> 1 year).</i> <i>Documented failure of on-site disposal systems.</i> <i>Correction of documented I&I issues that prevent the WWTP from meeting permit limits.</i> <i>Construction to address documented surface water contamination violation.</i> | 300 |
| 3 | This project will minimize public health threats where the potential for a disease event exists. <i>Examples:</i> <i>Correction of documented issues with a high potential to violate a wastewater permit condition.</i> <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> <i>Improvements to a collection system prone to freeze-up.</i> <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> | 200 |
| 4 | This project will minimize potential future public health problems. There is no current threat of a disease event. <i>Examples:</i> <i>Replacement of collection system components that are at end of life, but no documentation of significant failure</i> <i>Wastewater Treatment Facility upgrades to increase capacity and/or replace obsolete equipment that is not related to a permit violation correction.</i> <i>Improve system security, such as fencing, remote monitoring, access cards, etc.</i> <i>SCADA upgrades</i> | 100 |
| 5 | This project will not address any significant health related issues. <i>Examples:</i> <i>Sewer main alignment changes (rerouting mains that have little to no improvement on operation).</i> <i>Sewer main expansion for future development.</i> <i>Wastewater treatment plant or collection system studies, unless required by compliance conditions.</i> <i>Master Plans.</i> | 0 |
| WATER QUALITY CONSIDERATIONS (only one) | | |
| 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 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 a problem in a | |
| | Non-303(d) listed Water Body | 230 |
| | 303(d) Category 4a Listed Water Body (impaired with 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 |

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| RECEIVING WATERS (Only one) – This project addresses the following adverse impacts to receiving waters: | | |
|--|---|----|
| 1 | Direct impacts to surface water or groundwater | 10 |
| 2 | Direct impacts to marine waters or estuaries | 5 |
| 3 | Indirect impacts to surface water or groundwater | 5 |
| 4 | This project will not address adverse impacts to receiving waters. | 0 |
| PROJECT READINESS (Only one) | | |
| 1 | This project will complete work that has already begun construction and has an environmental review completed by the ADEC SRF Program. Documentation is required. | 50 |
| 2 | Engineering plans and specifications have been approved by the ADEC Engineering Support and Plan Review (ESPR) Program. Documentation is required. | 40 |
| 3 | Substantial engineering plans and specification (at least 65% complete) have been prepared and provided to ADEC ESPR Program. Documentation is required. | 30 |
| 4 | A feasibility study, facility plan and/or set of engineering plans and specifications (at least 35% complete) have been prepared and are attached. 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 attached. Documentation required. | 10 |
| 6 | No project development has been accomplished. | 0 |
| FUNDING COORDINATION (Only one) | | |
| 1 | This loan will be used to match other state or federal funds, or this project will be coordinated with another municipal/state/federally funded project, e.g. DOT road construction. 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 repayment funds has been identified and are available now. This does not include anticipated funds from future year funding or appropriations. Documentation required. | 10 |
| 2 | Repayment funds have not yet been identified. | 0 |
| 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 |
| 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) | | |
| 1 | Loan cost to population benefitting ratio:\$0 - \$400 per person | 15 |
| 2 | Loan cost to population benefitting ratio: 400 - \$4,000 per person | 10 |
| 3 | Loan cost to population benefitting ratio:> \$4,000 per person | 5 |
| GREEN PROJECT (Determined by ADEC) | | |
| | The applicant has sufficiently demonstrated eligible Green components under the project. | 25 |

Alaska Clean Water State Revolving Fund - Priority Criteria for SFY20 Nonpoint Source Projects

| WATER QUALITY CONSIDERATIONS (only one) | | |
|---|--|-----|
| 1 | PROTECTION: This project's main emphasis is prevention of nonpoint source pollution in a: Non-303(d) listed Water Body | 100 |
| | 303(d) Category 4a Listed Water Body (impaired with final/approved Total Maximum Daily Load (TMDL) | 90 |
| | 303(d) Category 4b Listed Water Body (impaired with other pollution controls) | 90 |
| | 303(d) Category 4c Listed Water Body (impairment not caused by a pollutant, e.g., invasive species, flow modifications) | 90 |
| | 303(d) Category 5 Listed Water Body (Impaired, requires TMDL) | 90 |
| 2 | RESTORATION: 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 designated as impaired in a : Non-303(d) listed Water Body | 100 |
| | 303(d) Category 4a Listed Water Body (impaired with final/approved TMDL | 90 |
| | 303(d) Category 4b Listed Water Body (impaired with other pollution controls) | 90 |
| | 303(d) Category 4c Listed Water Body (impairment not caused by a pollutant, e.g., invasive species, flow modifications) | 90 |
| | 303(d) Category 5 Listed Water Body (Impaired, requires TMDL) | 80 |
| 3 | STEWARDSHIP: The proposed project will improve or maintain water quality in a: Non-303(d) listed Water Body | 100 |
| 4 | This project has minimal impact on future pollution events. | 0 |
| PROJECT READINESS (Only one) | | |
| 1 | Engineering documents have been completed. Documentation is attached. | 25 |
| 2 | Preliminary engineering documents have been completed. Documentation is attached. | 20 |
| 3 | Key planning document(s) (such as TMDL, Corrective Action plan, Comprehensive Plan) have been completed. Documentation is attached. | 15 |
| 4 | A feasibility study that demonstrates the need and costs for the project has been completed. Documentation is attached. | 5 |
| 5 | No action has been taken. | 0 |
| FUNDING COORDINATION (Only one) | | |
| 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) | | |
| 1 | A viable repayment source has been identified. Documentation is attached. | 10 |
| 2 | Repayment funds have not yet been identified. | 0 |
| NONPOINT SOURCE STRATEGY IDENTIFIED PRIORITIES - Coordination with Alaska Clean Water Five-Year Strategic Plan Goals - Determined by ADEC (Only one) | | |
| 1 | Increase the amount known about Alaska's waters | 10 |
| 2 | 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 |
| 3 | Increase of continue collaboration with other programs, agencies and community based organizations. | 10 |
| 4 | Restore waters that are impaired and keep them healthy once restored. | 30 |
| 5 | Conduct research on BMPs so that urban and industrial development sustains water quality. | 20 |
| 6 | Keep our waters clean – highlight and protect healthy waters that are at risk. | 40 |
| 7 | Keep our waters clean – Educate the public on water quality and smart practices to prevent pollution. | 10 |
| GREEN PROJECT (Determined by ADEC) | | |
| | The applicant has sufficiently demonstrated eligible Green components under the project. | 25 |