



Integrated Priority System FY 2019
Water Quality Project Rating
Drinking Water SRF Loan

Score:

Project Name/City	Total Estimated Project Cost	Estimated DEQ Amount
DWSRF Example	\$1,000,000.00	

Description of Project/Problem(s)

State Office Reviewer	Regional Staff Reviewer	Review Date	LOI TRIM Number

QA Comments

A. Public Health Hazard

IDAPA 58.01.20.020.02.a. ... Any condition which creates, or may create, a danger to the consumer's health, which may include any one or more of the following: i. Documented unresolved violations of the primary drinking water standards including maximum contaminant levels, action levels, and treatment techniques (to include maximum contaminant levels for acute and chronic contaminants); ii. Documented unresolved violations of pressure requirements; iii. Documented reduction in source capacity that impact's the system's ability to reliably serve water; or iv. Documented significant deficiencies (e.g., documented in a sanitary survey) in the physical system that is causing the system to not reliably serve safe drinking water.

Reviewer: have you alerted your compliance officer and has she/he taken action on the item(s) below?

	Possible	Awarded
1. Documented unresolved violations of primary drinking water standards:		
<input type="checkbox"/> a. Microbiological violations in the last 12 months (select ONE) <ul style="list-style-type: none"> • E. Coli MCL violation (pre-or post-RTCR) 	12	0
<input type="checkbox"/> • Total Coliform only-RTCR Level 2 Assessment triggered within past 12 months (i.e., since 4/1/2016)	12	0
<input type="checkbox"/> • Other microbial issues, e.g. cryptosporidium <p style="margin-left: 20px;">Identify issue:</p>	2	0

<input type="checkbox"/>	b. Chemical violations in the last 12 months (select all that apply)	10	0
	• chronic chemical or radiological MCL exceeded or lead Action Level exceeded		
<input type="checkbox"/>	• Copper Action Level exceeded	2	0
<input type="checkbox"/>	c. Surface water treatment technique violations (including GWUDI) or Newly discovered/designated water source under direct influence of surface water and without filtration (not yet a violation within 18 months of discovery)	12	0
<input type="checkbox"/>	2. Documented frequent unresolved incidents of pressure <20psi in the last 12 months (as evidenced by public notices or other reasonable documentation).	24	0
<input type="checkbox"/>	3. Documented reduction in <u>source</u> (well or surface water intake, not pumps) capacity that impacts the system's ability to reliably serve water.	24	0
<input type="checkbox"/>	4. Documented significant problems in the physical system (not otherwise listed in items 1-3) that have been <i>identified as a public health hazard as defined in the rule cited above.</i>	18	0
	Explain.		
A. Public Health HazardSubTotal:		0	

B. General Conditions of Existing Facilities

IDAPA 58.01.20.020.02.b. ... Points shall be given based on deficiencies with facilities (which would not constitute a public health hazard) for pumping, treating, and delivering drinking water.

(Select all that are true and documented, but do not rise to the level of a health hazard as in Section II.A above and will be remedied by the proposed project.)

Systems will be considered inadequate to meet current hydraulic demand if pressures are consistently between 20 and 40 psi (this section does not include occasional depressurization events below 20 psi that have been resolved).

	<u>Possible</u>	<u>Awarded</u>
1. Treatment deficiencies:		
<input type="checkbox"/> a. Water treatment facilities do not meet the requirements of the Idaho Rules for Public Drinking Water Systems, other than MCLs as in II.A above	10	0

b. Treatment facilities have inadequate capacity and cannot reliably meet *current* demand without extraordinary operational procedures. 9 0

c. Inadequate (or lack of) treatment results in exceedance of secondary MCLs. 2 0

2. Source deficiencies (excluding distribution system problems):

a. Sources have been determined to be vulnerable to contamination and the vulnerabilities will be corrected as part of this project. 8 0

b. Source's or combined sources' capacity is inadequate to meet *current* demand, even if they are or could be equipped with adequately sized pumps (with description and documentation such as pressure readings or complaints received by operator and problem not due to leaks). 9 0

c. Source(s) have adequate water, but well pumps or intake pumps cannot meet current hydraulic demand (with description and documentation such as pressure readings or complaints received by operator and problem not due to leaks). 3 0

3. Distribution system deficiencies (do not include well pumps):

a. Storage, pumping or distribution facilities have inadequate capacity and cannot reliably meet *current* demand. 7 0

b. Existing storage tanks, pumping and distribution facilities are leaking excessively or are structurally flawed or deteriorated (with documentation, such as maintenance logs). 7 0

4. Project will address redundancy or standby power. 5 0

B. General Conditions of Existing Facilities SubTotal: 0

C. Sustainability (Green) Infrastructure Efforts

IDAPA 58.01.22.020.02.c.Sustainability Efforts. (e.g., prospective efforts at energy conservation, water conservation, extending the life of capital assets, green building practices, and other environmentally innovative approaches to infrastructure repair, replacement and improvement) – up to 50 points.

Possible Awarded

- | | | | |
|--------------------------|---|---|---|
| <input type="checkbox"/> | 1. As part of your loan, will you include sustainability efforts (Green Project Reserve)? | 0 | 0 |
|--------------------------|---|---|---|

For reference, some sustainability-related website linked are provided under the relevant checklist items.

3. Management-based efforts

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|--------------------------|---|---|---|
| <input type="checkbox"/> | a. System has established a drinking water system capital replacement fund and contributed to it at least once in the past 3 years (submit a copy of your capital improvement plan and a financial statement for this fund) OR will develop a capital budget and capital improvement plan as part of the project. The CIP must be supported by annual budgeting for replacement of short-term and intermediate-term capital items. | 5 | 0 |
|--------------------------|---|---|---|

- | | | | |
|--------------------------|---|---|---|
| <input type="checkbox"/> | b. System has already implemented consumption-based full cost pricing for drinking water supported by a capital budget (submit documentation) OR will develop a consumption-based full cost pricing rate schedule as part of the project. This means that (a) utility rates must be based on the metered flow, and (b) utility rates must generate sufficient revenue to cover both operating and capital costs. | 5 | 0 |
|--------------------------|---|---|---|

- | | | | |
|--------------------------|--|---|---|
| <input type="checkbox"/> | c. System has already implemented a formal asset management system (using a tool such as EPA's Check Up Program for Small Systems [CUPSS]) OR will develop a formal asset management system as part of the project. | 5 | 0 |
|--------------------------|--|---|---|

Identify asset management system:

www.epa.gov/cupss

- | | | | |
|--------------------------|--|---|---|
| <input type="checkbox"/> | d. System is currently an EPA Green Power partner (submit documentation) OR will become one as part of the proposed project | 5 | 0 |
|--------------------------|--|---|---|

www.epa.gov/greenpower

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|--------------------------|--|---|---|
| <input type="checkbox"/> | e. System will consolidate with another water system. This must have been addressed in planning document/EID or subsequent public participation. | 5 | 0 |
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Identify which system(s) and planning document:

- | | | | |
|--------------------------|---|---|---|
| <input type="checkbox"/> | f. System will implement the recommendations of a professional energy audit and implement its findings. | 5 | 0 |
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Identify professional (or organization) conducting the audit:

4. Technology-based efforts

<input type="checkbox"/>	a. Fund the voluntary installation of water-efficient fixtures for the community (such as WaterSense fixtures or replacements for lead service lines).	5	0
<input type="checkbox"/>	b. Install water meters in unmetered areas, if rates will be based on metered use.	5	0
<input type="checkbox"/>	c. Replace existing broken water meters, upgrade to smart meters, or install leak detection equipment, if rates will be based on metered use.	5	0
<input type="checkbox"/>	d. Advanced fluorescent lighting. Identify planning doc: www.nema.org/Products/Pages/NEMA-Premium-Lighting-Programs.aspx	5	0
<input type="checkbox"/>	e. High-efficiency discharge lighting. Identify planning doc:	5	0
<input type="checkbox"/>	f. Lighting controls. Identify planning doc:	5	0
<input type="checkbox"/>	g. Green roof(s).	5	0
<input type="checkbox"/>	h. On-site energy generation, such as fuel cells, solar or wind (e.g., energy recovery using microturbines on hydrogenerators placed in pipelines). Identify planning doc:	5	0
<input type="checkbox"/>	i. Class A reclaimed water distribution system ("purple pipe") Identify planning doc:	5	0
<input type="checkbox"/>	j. Construct or renovate buildings to meet LEED design and construction criteria. Identify LEED-certified professional:	5	0
<input type="checkbox"/>	k. Variable frequency drive (VFD) pumps. Identify planning doc:	5	0

<input type="checkbox"/>	l. Energy-efficient motors that meet National Electrical Manufacturer's Association (NEMA) Premium specification. Identify planning doc: www.nema.org/Policy/Energy/Efficiency/Pages/NEMA-Premium-Motors.aspx	5	0
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<input type="checkbox"/>	m. Supervisory control and data acquisition (SCADA). Identify planning doc:	5	0
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<input type="checkbox"/>	n. Capital improvements will provide significant source water protection benefits, such as fences around well lots (contact grant and loan program) Identify planning doc:	5	0
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<input type="checkbox"/>	o. Significantly reduce or eliminate the use of chemicals in treatment. "Environmentally innovative" Identify chemicals:	5	0
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<input type="checkbox"/>	p. Significantly reduce or minimize the volume or toxicity of treatment residuals. "Environmentally innovative" Identify residuals:	5	0
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5. Green Construction

<input type="checkbox"/>	a. Use of recycled materials for facility construction (not including standard construction practices such as reusing fill from excavations)	5	0
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<input type="checkbox"/>	b. Trenchless or low-impact construction technology	5	0
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C. Sustainability (Green) Infrastructure EffortsSubTotal:	0
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D. Consent Order, Compliance Agreement Schedule, or Court Order

IDAPA 58.01.20.020.02.d. Consent Order, Compliance Agreement Schedule, or Court Order. Points shall be given if the system is operating under and in compliance with a Consent Order, Compliance Agreement Schedule, or Court Order and the proposed construction project will address the Consent Order, Compliance Agreement Schedule, or Court Order. (up to thirty (30) points)

If the system is operating under an order or agreement which will be addressed by the proposed project, check:

<u>Possible</u>	<u>Awarded</u>
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- | | | | |
|--------------------------|---|----|---|
| <input type="checkbox"/> | 1. Funding request is intended to solve technical issues of an order or agreement | 30 | 0 |
|--------------------------|---|----|---|

D. Consent Order, Compliance Agreement Schedule, or Court Order SubTotal: 0

E. Bonus Points/Incentives

IDAPA 58.01.20.020.02.e. Bonus points shall be awarded to systems that promote source water protection, conservation, economy, proper operation maintenance and monitoring.

	Possible	Awarded
<input type="checkbox"/> 1. System has a DEQ-approved Drinking Water Protection Plan < 5 years old OR DWPP will be implemented with this project	2	0
2. Cross-connection:		
<input type="checkbox"/> 2. Cross Connection:	2	0
<ul style="list-style-type: none"> • Community Water System - has active Cross-Connection Control Plan; OR • Non-Community Water System - potential backflow protection or cross-connection issues were identified in the Managerial Module of the system's latest sanitary survey (date provided). A "NO" (No Issues) awards points. 		
<input type="checkbox"/> 3. System had no significant deficiencies on its last sanitary survey	2	0
<input type="checkbox"/> 4. System has a pre-designated, licensed Substitute Responsible Charge Operator	2	0
<input type="checkbox"/> 5. System had one or fewer Failure to Monitor (FTM) violations in past 5 years for all analyses.	2	0

E. Bonus Points/Incentives SubTotal: 0

F. Affordability

Annual MHI

Annual MHI Year

Monthly User Charge

Deflated Annual MHI

MHI Type

Survey Info

Affordable

F. AffordabilitySubTotal:

Total Score: