Integrated Priority System FY 2022
Water Quality Project Rating
Drinking Water Grant

Score:
0

Project Name/City	Total Estimated Project Cost	Estimated DEQ Amount

Description of Project/Problem(s)

State Office Reviewer	Regional Staff Reviewer	Review Date	LOI TRIM Number

QA Comments

A. Public Health Hazard

IDAPA 58.01.22.020.01.02.a. Public Health Hazard. Any condition which creates, or may create, a danger to the consumer's health, which may include 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 contaminates); ii. Documented unresolved violations of pressure requirements; iii. Documented reduction in source capacity that impacts 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 be able to reliably serve safe drinking water – up to 100 points.

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		
☐	a. Microbiological violations • E. coli MCL violation (2 or more in last 24 months) • Level 2 Assessment triggered within past 12 months • Other acceptable violations i.e. Cryptosporidium, turbidity etc.	12	0
☐	b. Chemical or radiological violations in the last 12 months (select all that apply) • chronic chemical or radiological MCL exceeded, copper, or lead Action Level exceeded	10	0
☐	c. Surface water treatment technique violations (including GWUDI) OR newly discovered/designated water source under direct influence of surface water and source without filtration (not yet a violation within 18 months of discovery)	12	0

☐	2. Documented frequent (i.e. 3+) ***unresolved*** incidents of pressure <20psi, **and** evidence such as public notices or other reasonable documentation was provided.	24	0
☐	3. Documented reduction in source (well or surface water intake, not pumps) capacity that impacts the system's ability to reliably serve water, **and** documentation was provided.	24	0
☐	4. System has significant deficiencies (e.g., documented in a sanitary survey) in the physical system that is causing the system to not be able to reliably serve safe drinking water; **and** the deficiencies will be addressed in the proposed project; **and** documentation was provided. Explain.	18	0
☐	5. Does your system have documented evidence if the presence of unregulated contaiments for which the EPA has issued a health advisory (e.g. PFOS/PFOA).	12	0

A. Public Health Hazard SubTotal: 0

B. General Conditions of Existing Facilities

IDAPA 58.01.22.020.02.b. General Conditions of Existing Facilities. Points shall be given based on deficiencies (which would not constitute a public health hazard) for pumping, treating, storing, and delivering drinking water – up to 60 points.

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

Check all that apply:

		Possible	Awarded
	1. Treatment deficiencies:		
☐	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. NOTE: This includes treatment facilities that met the rules at the time of construction and are grandfathered into a less stringent requirement.	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 are vulnerable to contamination and the planning grant will evaluate solutions to correct the vulnerabilities.	8	0
☐	b. The system's source or combined sources capacity is inadequate and unable to meet current system demands; **and** documentation, such as pressure readings, capacity evaluations, or engineering calculations was provided.	9	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, or distribution facilities are leaking excessively or are structurally flawed or deteriorated; **and** documentation, such as maintenance logs was provided.	7	0
☐	4. Proposed study will address redundancy **and** 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
☐	1. As part of your planning effort, will you evaluate sustainability efforts? For reference, some sustainability-related website linked are provided under the relevant checklist items.	0	0

2. Management-based efforts

☐	a. System has already implemented a consumption-based full-cost pricing for drinking water supported by a capital budget (documentation was submitted) OR will develop a consumption based full-cost pricing rate schedule as part of the proposed planning effort.	5	0

☐	b. System has already implemented a formal asset management system OR will develop a formal asset management system as part of the proposed planning effort.	5	0
☐	c. System is currently an EPA Green Power partner (documentation included) OR will evaluate becoming one as part of the proposed planning effort.	5	0
☐	d. System will evaluate consolidation with another water system.	5	0
☐	e. System will conduct a professional energy audit and intend to implement its findings.	5	0

3. Technology-based efforts

☐	a. Install water meters in unmetered areas, if rates will be based on metered use.	5	0
☐	b. Replace existing broken water meters, upgrade to smart meters, or install leak detection equipment.	5	0
☐	c. High-efficiency lighting and/or lighting controls	5	0
☐	d. On-site energy generation, such as fuel cells, solar, or wind (e.g., energy recovery using microturbines on hydrogenerators placed in pipelines)	5	0
☐	e. Class A reclaimed water distribution system (“purple pipe”), analysis showing that improvements would provide a savings in water or energy in a unit operation	5	0
☐	f. Variable frequency drive (VFD) pumps	5	0
☐	g. Energy-efficient motors that meet National Electrical Manufacturers Association (NEMA)	5	0
☐	h. Supervisory control and data acquisition (SCADA) system installation	5	0
☐	i. Capital improvements that provide significant source water protection benefits, such as fences around well lots (contact grant and loan program)	5	0

☐	j. Significantly reduce or eliminate the use of chemicals in treatment	5	0
☐	k. Significantly reduce or minimize the volume or toxicity of residuals	5	0
☐	l. Installation of water-efficient fixtures (may include lead service line replacement funding) that will provide a savings in water or energy consumption	5	0
	4. Construction practices		
☐	Evaluate green construction practices as part of the planning effort.	5	0
	a. Use of recycled materials for facility construction (not including standard construction practices such as reusing fill from excavations)		
☐	b. Trenchless or low-impact construction technology	5	0

C. Sustainability (Green) Infrastructure Efforts SubTotal: 0

D. Consent Order, Compliance Agreement Schedule, or Court Order

IDAPA 58.01.22.020.02.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 [sic] 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 planning effort, check:

		Possible	Awarded
☐	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 58.01.22.020.02.e. Incentives. Bonus points shall be awarded to systems that promote source water protection, conservation, economy, proper operation maintenance, and monitoring – up to 10 points.

Check all that apply:

	Possible	Awarded

☐	1. System has a DEQ-approved Drinking Water Protection Plan < 5 years old OR will develop a DWPP as part of the planning effort	2	0
☐	2. Cross Connection: • Community Water System - has active Cross-Connection Control Plan. NOTE: To receive points they must actively implement the program to identify and eliminate unprotected cross-connections. OR • Non-Community Water System – **No** potential backflow protection or cross-connection issues were identified in the Managerial Module of the system's latest sanitary survey (date provided). NOTE: No Issues identified will awards points.	2	0
☐	3. System had no significant deficiencies on its last sanitary survey	2	0
☐	4. System has a pre-designated, licensed Substitute Responsible Charge Operator	2	0
☐	5. System had one or fewer Failure to Monitor (FTM) violations in past 5 years for **all** monitoring schedules	2	0
☐	6. Will your project develop or update an Asset Management Plan?	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. Affordability SubTotal: 0

Total Score: 0