



Integrated Priority System FY 2019
Water Quality Project Rating
Drinking Water Grant

Score:

Project Name/City DWG Example	Total Estimated Project Cost \$1,000,000.00	Estimated DEQ Amount
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Description of Project/Problem(s)

State Office Reviewer	Regional Staff Reviewer	Review Date	LOI TRIM Number
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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 contaminants); 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 <i>unresolved</i> violations of primary drinking water standards:		
<input type="checkbox"/> a. Microbiological violations in the last 12 months (select ONE)	12	0
• E. coli MCL violation (pre- or post-RTCR)		
<input type="checkbox"/> • Total Coliform only-RTCR Level 2 Assessment triggered within past 12 months (<i>i.e.</i> , since 4/1/2016)	12	0
<input type="checkbox"/> b. Chemical or radiological 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 source without filtration (not yet a violation within 18 months of discovery)	12	0
<input type="checkbox"/>	2. Documented frequent unresolved incidents of pressure <20psi (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) <i>that have been identified as a public health hazard as defined by the rule cited above.</i>	18	0

Explain.

A. Public Health HazardSubTotal:

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:			
<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
<input type="checkbox"/>	b. Treatment facilities have inadequate capacity and cannot reliably meet <i>current</i> demand without extraordinary operational procedures.	9	0
<input type="checkbox"/>	c. Inadequate (or lack of) treatment results in exceedance of secondary MCLs.	2	0

2. Source deficiencies (excluding distribution system problems):

<input type="checkbox"/> a. Sources are vulnerable to contamination and the planning grant will evaluate solutions to correct the vulnerabilities.	8	0
<input type="checkbox"/> b. Source's or combined sources' capacity is inadequate to meet <i>current</i> 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
<input type="checkbox"/> 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):

<input type="checkbox"/> a. Storage, pumping or distribution facilities have inadequate capacity and cannot reliably meet <i>current</i> demand.	7	0
<input type="checkbox"/> 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
<input type="checkbox"/> 4. Proposed study will address redundancy or standby power.	5	0

B. General Conditions of Existing Facilities SubTotal:

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 planning effort, will you evaluate sustainability efforts?	0	0

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

2. Management-based efforts

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 proposed planning effort. The CIP must be supported by annual budgeting for replacement of short-term and intermediate-term capital items. 5 0

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 planning effort. 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

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 proposed planning effort. 5 0

Identify asset management system:

d. System is currently an EPA Green Power partner (submit documentation) **OR** will evaluate becoming one as part of the planning effort 5 0

www.epa.gov/greenpower

e. System will evaluate funding the voluntary provision of water-efficient fixtures for the community as part of the proposed planning effort (such as WaterSense fixtures or replacement of lead service lines)(provide details) 5 0

www.epa.gov/watersense/

f. System will evaluate consolidation with another water system. The system must be reasonably nearby (normally within 5 miles), and analysis should consider the demand of each system, the cost of merging, and any administrative or operational changes that would result. At least one enquiry must be made to the other system. Identify which system will be evaluated: 5 0

Identify candidate system:

g. System will conduct a professional energy audit with the intent to implement its findings. 5 0

Identify auditor or organization:

3. Technology-based efforts

a. Install water meters in unmetered areas, if rates will be based on metered use. 5 0

<input type="checkbox"/>	b. Replace existing broken water meters, upgrade to smart meters, or install leak detection equipment.	5	0
<input type="checkbox"/>	c. Advanced fluorescent lighting.	5	0
<input type="checkbox"/>	d. High-efficiency discharge lighting. en.wikipedia.org/wiki/High-intensity_discharge_lamp	5	0
<input type="checkbox"/>	e. Lighting controls.	5	0
<input type="checkbox"/>	f. Green roof(s) Planning project will evaluate installation of green roof. www.directseed.org/about	5	0
<input type="checkbox"/>	g. On-site energy generation, such as fuel cells, solar or wind (e.g., energy recovery using microturbines on hydrogenerators placed in pipelines).	5	0
<input type="checkbox"/>	h. Evaluate Class A reclaimed water distribution system ("purple pipe").	5	0
<input type="checkbox"/>	i. Variable frequency drive (VFD) pumps.	5	0
<input type="checkbox"/>	j. Energy-efficient motors that meet National Electrical Manufacturer's Association (NEMA) Premium specification. www.nema.org/Policy/Energy/Efficiency/Pages/NEMA-Premium-Motors.aspx	5	0
<input type="checkbox"/>	k. Evaluate supervisory control and data acquisition (SCADA)	5	0
<input type="checkbox"/>	l. Evaluate capital improvements that would provide significant source water protection benefits, such as fences around well lots (contact grant and loan program)	5	0
<input type="checkbox"/>	m. Evaluate significant reduction or elimination of chemicals in treatment. "Environmentally Innovative"	5	0

n. Evaluate significant reduction or minimization of the volume or toxicity of residuals. "Environmentally Innovative." 5 0

o. Lead service line "buy back" funding 5 0

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 EffortsSubTotal: 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
<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 OrderSubTotal: 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
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- | | | | |
|--------------------------|--|---|---|
| <input type="checkbox"/> | 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 |
| <input type="checkbox"/> | 2. Cross Connection: <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. | 2 | 0 |
| <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/IncentivesSubTotal:

F. Affordability

Annual MHI	Annual MHI Year	Monthly User Charge	Deflated Annual MHI
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>
MHI Type	Survey Info	<input style="width: 100%;" type="text" value="Affordable"/>	
<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>		

F. AffordabilitySubTotal:

Total Score: