



# Department of Environmental Quality Drinking Water Planning Grant Letter of Interest

FY 2013

**STEP 1. Decide if your community is interested in pursuing a DEQ Drinking Water PLANNING GRANT by answering the following questions.** It is strongly recommended that you work closely with your engineering consultant to complete this form.

Do you need to make improvements or upgrade your public drinking water system? YES  NO

- If you answered YES, Proceed to STEP #2 to be rated and placed on the FY 2013 planning grant priority list.
- If you answered NO, you will not be placed on the new fiscal year's priority list. DEQ will notify you next year when the grant and loan process begins. **If you answered NO, please do not complete or submit this form to DEQ.**

**STEP 2 PROJECT INFORMATION – Please provide complete and accurate answers to receive the highest possible rating for your drinking water system.**

## SYSTEM IDENTIFICATION

System PWS No. ID \_\_\_\_\_

System Name \_\_\_\_\_

System Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Population Served \_\_\_\_\_ System Ownership (check one): For Profit  Not for Profit

Owner's Name (print) \_\_\_\_\_ Owner's Phone \_\_\_\_\_

Contact Person/Title (if different from Owner) \_\_\_\_\_

Address (Owner/Contact) \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

Is your planning effort intended to address problems experienced by your drinking water system? If so, **check YES to ALL that apply.** Then, describe the problem(s) and provide documentation to support any statement for which the answer was YES on a separate sheet of paper. Please refer to the section and line on this form.

## SECTION A. PUBLIC HEALTH HAZARD

*IDAPA 58.01.22.020.01.02.a. Any condition which creates, or may create, a danger to the consumer's health, which may include one or more of the following, may be awarded a maximum of one hundred (100) points: 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. (4-26-11)T*

Select all that are true and will be addressed by the proposed study:

1. In the last 12 months, has your system had documented unresolved violations of the primary drinking water standards, including Maximum Contaminant Levels (for acute and chronic contaminants), action levels and treatment techniques? YES  NO   
Identify constituents in violation.

- 2. In the last 12 months, has your system had documented frequent unresolved incidents of pressure below 20 psi? Provide copies of public notices or other documentation. YES  NO
- 3. Does your system currently have a documented reduction in source capacity (well or surface water intake) that impact's the system's ability to reliably serve water? Provide documentation. YES  NO
- 4. Does your system currently have documented significant deficiencies in he physical system not otherwise listed in 1-3 that are causing the system to not be able to reliably serve safe drinking water? Provide latest sanitary survey date or other documentation. YES  NO

**SECTION 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 sixty (60) points. (4-26-11)T*

**Select all that are true and will be addressed by the proposed study. If available, provide documentation other than a sanitary survey (e.g., engineer's evaluation).**

**Systems will be considered inadequate to meet *current* hydraulic demand if pressures are consistently below 40 psi or there are occasional depressurization events below 20 psi. Treatment systems will be considered inadequate if they cannot meet primary MCLs at that hydraulic demand.**

- 1. Treatment Deficiencies
  - a. Water treatment facilities do not meet the requirements of the Idaho Rules for Public Drinking Water Systems, but problems do not constitute a public health hazard as in (A). YES  NO
  - b. Treatment facilities have inadequate capacity and cannot reliably meet *current* demand without extraordinary operational procedures. YES  NO
  - c. Inadequate treatment results in exceedance of secondary MCLs. YES  NO
- 2. Source deficiencies
  - a. Source(s) do not meet current setback rules. YES  NO
  - 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. Provide a description and documentation, such as pressure readings or complaints received by operator. YES  NO
  - c. Source(s) have adequate water, but well pumps or intake pumps are inadequate to meet current hydraulic demand. Provide a description and documentation, such as pressure readings or complaints received by operator. YES  NO
- 3. Distribution system deficiencies (do not include well pumps).
  - a. Storage, pumping and distribution facilities have inadequate capacity and cannot reliably meet *current* demand. YES  NO
  - b. Existing storage tanks, pumping and distribution facilities are leaking excessively or are structurally flawed or deteriorated. Provide documentation, such as maintenance logs. YES  NO
- 4. Will the proposed study address redundancy and standby power? YES  NO

**SECTION C. SUSTAINABILITY EFFORTS (“Green Infrastructure”)**

*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 fifty (50) points.(4-26-11)T*

Answers to the following questions can improve your overall rating and your access to funds that are specifically designated for sustainability efforts. If you earn Priority List points for your responses in this section, it is likely that your project engineer will have to spend some time (perhaps a few hours) in helping DEQ develop the needed information to report to the Environmental Protection Agency. In addition, sustainability efforts for which you receive points will be written into the scope of the grant agreement.

**How much of your planning budget is being allocated to Green Infrastructure/Sustainability?**      \$ \_\_\_\_\_

For reference, some green infrastructure related websites include:

- <http://www.epa.gov/cupss/>
- [http://en.wikipedia.org/wiki/ISO\\_14001](http://en.wikipedia.org/wiki/ISO_14001)
- <http://www.iso14000-iso14001-environmental-management.com/>
- [http://www.iso.org/iso/iso\\_14000\\_essentials](http://www.iso.org/iso/iso_14000_essentials)
- [http://www.energystar.gov/index.cfm?c=evaluate\\_performance.bus\\_portfoliomanager](http://www.energystar.gov/index.cfm?c=evaluate_performance.bus_portfoliomanager)
- [http://www.energystar.gov/index.cfm?c=evaluate\\_performance.bus\\_portfoliomanager\\_benchmarking](http://www.energystar.gov/index.cfm?c=evaluate_performance.bus_portfoliomanager_benchmarking)
- <http://www.epa.gov/region09/waterinfrastructure/benchmark.html>
- <http://www.epa.gov/greenpower/>
- <http://www.nema.org/gov/energy/efficiency/premium/>
- <http://www.nema.org/stds/complimentary-docs/upload/MG1premium.pdf>
- <http://www.cee1.org/ind/mot-sys/mtr-ms-main.php3>

**1. Management-based efforts.** Please explain the management-based sustainability initiative efforts your system will engage in as part of the project and the cost of the effort. Management-based efforts could include (but would not be limited to):

- a. Implement a capital budget that is funded, and is supported by a capital improvement plan
- b. Implement consumption-based full-cost pricing for drinking water
- c. Implement a formal asset management system (using a tool such as EPA's CUPSS);
- d. Implement sustainable design principles, including energy efficiency and design for disassembly;
- e. Implement a formal environmental management system (exemplified by ISO 14001 Certification);
- f. SI benchmarking program
- g. Become an EPA Green Power partner
- h. Consolidate with another drinking water system
- i. Implement "green" building management (based on LEED O&M criteria)
- j. Fund the provision of water efficient fixtures for the community
- k. Conduct a professional energy audit and intend to substantially implement its recommendations
- l. Other (consult with the Grant Program office)

Include documentation supporting the management-based efforts. Label the documentation as Section C, Part 1.

**2. Technology-based efforts.** Please explain the management-based sustainability initiative efforts your system will engage in as part of the project and the cost of the effort. Technology-based efforts could include (but would not be limited to):

- a. Water conservation measures that would result in an estimated water savings of 20% or more, such as:
  - Install leak detection equipment (including smart meters)
  - Install water meters *and* implement a conservation-oriented rate structure (usage-dependent rates)
- b. Attain a 20% net energy reduction in a unit operation by installing equipment such as:

- Variable frequency drive pumps
  - Turbines/hydrogenerators in pipelines
  - Energy-efficient motors that meet NEMA Premium ® specification
  - Green roofs
  - On-site energy generation, such as fuel cells, solar or wind
- c. Construct or renovate buildings to meet LEED criteria
- d. Other (consult with the Grant Program office)

Include documentation supporting the technology-based efforts. Label the documentation as Section C, Part 2.

**3. Construction practices.** Please explain the construction practices sustainability initiative efforts your system will engage in as part of the project and the cost of the effort. Construction practices efforts could include (but would not be limited to):

- a. Use of recycled materials for facility construction and design for deconstruction.
- b. Design/build for environmentally friendly decommissioning.
- c. Other (consult with the Grant Program office)

Include documentation supporting the construction efforts. Label the documentation as Section C, Part 3.

## **SECTION 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 will address the Consent Order, Compliance Agreement Schedule, or Court Order - up to thirty (30) points.(4-26-11)T*

Is your system operating under a consent order, compliance agreement schedule or court order?

Consent Order	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Compliance Agreement Schedule	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Court Order	YES <input type="checkbox"/>	NO <input type="checkbox"/>

Is your planning effort intended to solve the technical issues of the order or agreement?

YES  NO

Will your planning effort mitigate some, but not all, of the technical issues in the order or agreement?

YES  NO

On a separate sheet, describe the issues that you have provided a “Yes” response to above, providing any support documentation that will assist in an understanding of the problem/s. Please discuss whether you are seeking funding for a phased approach to your system’s needs and if the phasing strategy has been discussed with the DEQ Regional Engineer. Label this description as Section D.

## **SECTION E. BONUS POINTS/INCENTIVES** (Optional; Check YES to all that apply):

*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 ten (10) points. (4-26-11)T*

1. Do you have a current Drinking Water Protection Plan (less than 3 years old)? YES  NO
2. Have you established a drinking water system capital replacement fund and contributed to it at least once in the past three years. Please provide a copy of your capital improvement plan and a financial statement for this fund. YES  NO
3. (For Community Water Systems) Do you have an active Cross-Connection Control Plan (please provide a copy or link to this plan), OR YES  NO   
(For Non-Community Water Systems) were no potential backflow protection or cross-connection issues identified in the Managerial Module of your latest sanitary

- survey (please provide date)?
4. Do you have a conservation-oriented rate structure (rates dependent on usage)? YES  NO   
Please provide a copy of your rate schedule.
5. Do you have a pre-designated licensed Substitute Responsible Charge Operator for your system as described in IDAPA 58.01.08.504? YES  NO
6. Is your system current on monitoring requirements? YES  NO

**SECTION F. AFFORDABILITY.**

*IDAPA 58.01.22.020.02.f. Affordability. Points shall be given when current system user charges exceed state affordability guidelines - ten (10) points. (3-30-01)*

How many equivalent dwelling unit (EDU) connections does your system serve? \_\_\_\_\_

What is the current average residential user rate? \$ \_\_\_\_\_/month

**SECTION G. READINESS TO PROCEED WITH PLANNING EFFORT.**

**Engineer.** If you have already contacted an engineer about your planning effort, indicate your status and provide contact information for the engineer (or firm):

Discussed with Engineer       Obtained quote from Engineer       Signed contract with Engineer

**Drinking Water Planning Grant --** What is the estimated total cost (DEQ + your match) to prepare your planning document? \$ \_\_\_\_\_

An environmental document (typically an EID) is required in order to construct a project with federal funds, including most dollars from the State Revolving Fund (SRF). How much of your planning budget is the cost of preparing an environmental document (typically an EID), as one of the potential elements of a facility plan/engineering report? \$ \_\_\_\_\_

If interested in receiving a planning grant, will you have the fifty percent (50%) required match funds available within the next twelve (12) months? YES  NO

**Would you be willing for us to share your Letter of Interest with other federal funding agencies?** YES  NO

I understand that if awarded a grant, costs incurred prior to the awarding of the grant are not eligible for reimbursement.

I certify that, to the best of my knowledge, all information provided here is valid and correct:

Authorized Signature \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

*Return completed form by January 6, 2012 to:*  
 Idaho Department of Environmental Quality  
 Attn: MaryAnna Peavey  
 1410 North Hilton  
 Boise, Idaho 83706  
[maryanna.peavey@deq.idaho.gov](mailto:maryanna.peavey@deq.idaho.gov)  
 tel. (208) 373-0122 fax (208) 373-0576