



Department of Environmental Quality Drinking Water Loan Letter of Interest

FY 2013

STEP 1. Decide if your community is interested in pursuing a DEQ Drinking Water LOAN 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

 - Proceed to QUESTION #2 if you answered YES and are interested in being rated and placed on the new fiscal year's loan priority list for FY 2013.
 - 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.**
- Has your community completed a DEQ-approved drinking water facility plan or engineering report (with a final environmental determination) in the last five (5) years or is one in progress now?**

YES (we are interested in a construction loan)

NO (we are interested in a planning grant)

 - If you answered YES, are you ready to design and construct your project? If so, and you want your project rated and placed on the drinking water loan priority list, please proceed to STEP 2.
 - If you answered NO, you need to do some planning work. If you are interested in receiving a drinking water planning grant, please fill out the Drinking Water PLANNING GRANT Letter of Interest Form.

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 _____

SECTION 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, 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 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.

Is your drinking water system experiencing any of the following problems? If so, **check YES to ALL that apply and will be remedied by the proposed project.** Then, describe the problem(s) and provide documentation to support any statement for which the answer was YES on a separate sheet of paper. Label the documentation as Section A.

1. Documented unresolved violations of primary drinking water standards
 - a. Microbiological violations in the last 12 months (select one)
 - i *E. coli* violation YES NO
 - ii Total Coliform only – confirmed present more than 4 times YES NO
 - iii Total Coliform only – confirmed present 2-3 times YES NO
 - iv Total Coliform only – confirmed present one time YES NO
 - b. Chemical violations in the past 12 months (select all that apply)
 - i Chronic chemical or radiological MCL exceeded or lead Action Level exceeded YES NO
 - ii Copper action level exceeded YES NO
 - iii Secondary drinking water contaminant(s) present a problem that will be remedied by the proposed project YES NO
 - iv Project will significantly improve performance regarding MCL goals (that are different than MCLs), but may not reach MCLg YES NO
 - c. Surface water treatment technique violations (including GWUDI) YES NO

Identify constituent(s) in violation:

-
2. Documented frequent unresolved incidents of pressure <20 psi (include public notices or other documentation) YES NO
 3. Documented reduction in source capacity that reduces the system's ability to reliably serve water YES NO
 4. Documented significant deficiencies in the physical system that reduces the system's ability to reliably serve safe drinking water YES NO

SECTION B. General Condition 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. (up to sixty (60) points)

Select all that are true but do not rise to the level of a public health hazard as in section A above and will be remedied by the proposed project. Provide documentation other than sanitary survey, e.g., engineer evaluation in facility plan.

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 requirements of the Idaho Rules for Public Drinking water systems, but problems do not constitute a public health hazard as above 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. Sources 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 meet current demand. YES NO
 - b. Existing storage tanks, pumping and distribution facilities are leaking excessively or are structurally flawed or deteriorated (with documentation) YES NO
4. Will the project address redundancy and standby power? YES NO

SECTION C. SUSTAINABLE (“Green”) INFRASTRUCTURE EFFORTS

IDAPA 58.01.20.020.02.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).

(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 to 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 for reporting to the Environmental Protection Agency.

How much of your budget is being allocated to Sustainable Infrastructure? \$ _____
Would your system owners be willing and able to implement the Sustainable Infrastructure portion of the project as a stand-alone project without the conventional aspects? YES NO

For reference, some green infrastructure related websites include:

- <http://www.epa.gov/cupss/>
- http://en.wikipedia.org/wiki/ISO_14001
- <http://www.iso14000-iso14001-environmental-management.com/>
- 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_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.cce1.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. Include documentation supporting the management-based efforts. Label the documentation as Section C, Part 1. 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 Loan Program office)
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. Include documentation supporting the technology-based efforts. Label the documentation as Section C, Part 2. 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:
 - Advanced fluorescent or high-efficiency discharge lighting
 - Lighting controls
 - Variable frequency drive (VFD) 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 Loan Program office)
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. Include documentation supporting the construction efforts. Label the documentation as Section C, Part 3. Construction practices efforts could include (but would not be limited to):
- a. Use of recycled materials for facility construction.
 - b. Design/build for environmentally friendly decommissioning
 - c. Other (consult with the Loan Program office)

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

IDAPA 58.01.20.020.02.d. ... 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)

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 indicate whether you are seeking funding for a phased approach to your system’s needs and if you have discussed the phasing strategy with the DEQ Regional

Engineer. Describe the alternative selected to correct the identified problem(s). Use the selected alternative in the facility plan. Label this description as Section D.

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

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. (up to ten (10) points)

- 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 (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)? YES NO
- 4. Do you have a conservation-oriented rate structure (rates dependent on usage)? Please provide a copy of your rate schedule. YES NO
- 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 58.01.20.020.02.h.[sic] Points shall be given when current system user charges exceed state affordability guidelines. (ten (10) points)

- 1. How many equivalent dwelling unit (EDU) connections does your system serve? _____
- 2. What is the current average monthly residential user rate? \$ _____ /mo
- 3. Upon project completion, what is the expected *change* in operation and maintenance cost (not including debt service)? \$ _____ /mo
- 4. Does the current average user rate include charges to retire the SRF debt for which you are applying? YES NO
- 5. If yes, how much of the current average user rate is devoted to the debt retirement? \$ _____ /mo

SECTION G. READINESS TO PROCEED WITH PROJECT.

- 1. When will your project be ready to begin construction? _____
- 2. Has the planning document (facility plan/engineering report) been completed? YES NO
- 3. Title of Planning Document and DEQ approval date (if applicable) _____

- 4. Has a final environmental determination been issued? YES NO
- 5. Title of EID (if separate) and DEQ environmental determination date (if applicable) _____

- 6. Describe the selected alternative to correct the problem(s) identified in the facility plan/engineering report. _____

- 7. Estimated cost to correct the problems identified in the planning document \$ _____
- 8. Briefly describe indicators or actions that reflect the community's interest or readiness to proceed on this project (*e.g.*, minutes from public hearings). _____

Is financial documentation in place or does the system have legal authority to incur the debt associated with the proposed project?

Choose one

- The system does not yet have legal authority to incur this debt.
- Bond council or financial consultant retained.
- Bond election scheduled. Indicate date (if applicable).
- Legal instrument(s) in place (*e.g.*, bond election, judicial confirmation, etc.).

What is the amount of debt that can be legally incurred?

\$

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 loan, costs incurred prior to the awarding of the loan 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 and attached questionnaire by January 6, 2012 to:
 Idaho Department of Environmental Quality
 Attn: MaryAnna Peavey
 1410 North Hilton
 Boise, Idaho 83706
maryanna.peavey@deq.idaho.gov
 tel. (208) 373-0122 fax (208) 373-0576