

ATTACHMENT C

Public Water System (PWS) Name _____

DWSRF Project Identifier (DPH to assign) _____

State of Connecticut – Department of Public Health Drinking Water State Revolving Fund (DWSRF) – Project Eligibility Application

Funding consideration for: Base DWSRF Program Potential federal “Economic Stimulus” funding
(see also “Project Readiness” Section on page 3)

A completed General Application for Approval or Permit form must be submitted with this application

1. Full Legal Name of Public Water System	2. PWSID Number (CTxxxxxxx)
Contact Person – Authorized Legal Representative of the Applicant	
3. Name:	4. Title:
5. Mailing Address:	
6. Telephone:	7. Fax:
8. Email:	
9. Please indicate the title and physical location of the project. Attach a scaled map showing the project location.	

WATER SYSTEM TYPE AND SERVICING

10. System Type: <input type="checkbox"/> Community PWS <input type="checkbox"/> Non-Profit Non-Community PWS <input type="checkbox"/> Other (explain)
11. Total population served by water system: _____.
12. Population to be served by the proposed project (see instructions): _____.
13. Current number of service connections supplied by the water system: _____.
14. Number of service connections supplied by the proposed project: _____.
15. Will this project provide water service to additional service connections not already being supplied by this PWS? <input type="checkbox"/> Yes (answer questions below) <input type="checkbox"/> No (move onto question #15) a) Will this project consolidate an existing PWS? <input type="checkbox"/> Yes (complete System Consolidation Worksheet) <input type="checkbox"/> No b) Will this project serve homes with private wells that have Public Health Code violations? <input type="checkbox"/> Yes (complete System Consolidation Worksheet) <input type="checkbox"/> No c) Other situation not covered by a) or b): <input type="checkbox"/> Yes (please provide explanation) <input type="checkbox"/> No
16. Is the PWS regulated by the Department of Public Utility Control? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please note that you may be required to submit the appropriate financial and Construction Work in Progress (CWIP) documentation to the Department of Public Utility Control prior to a funding award.

PROJECT COSTS & FUNDING SOURCES

	Amount
17. Estimated Total DWSRF Project Funding Amount requested: (costs including contingencies, closing costs and accrued interest, as applicable)	\$
Source	
18. List other funding source(s) and amount(s) for project:	\$
	\$
19. Estimated Total Project Cost:	\$
20. Basis of Estimate:	

FINANCING REQUEST INCLUDES (check all that apply)

	Anticipated Procurement Date	Anticipated Contract Execution Date	Estimated Cost
21. <input type="checkbox"/> Feasibility Study/Preliminary Engineering (Planning)			\$
<input type="checkbox"/> Final Design			\$
<input type="checkbox"/> Construction			\$
<input type="checkbox"/> Land Purchase	Anticipated Purchase Date:	Estimated Cost: \$	
<input type="checkbox"/> Conservation Easement	Anticipated Agreement Execution Date:	Estimated Cost: \$	
22. Have you retained an engineer or consultant for any work associated with this project? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, list services:			

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23. Will this financial assistance include refinancing? Yes (please provide explanation) No

**PROJECT DESCRIPTION FOR THE PURPOSE OF THIS FINANCIAL ASSISTANCE AND EXPLANATION
OF WHY THIS PROJECT IS YOUR PREFERRED OPTION (attach a separate sheet if necessary)**

This description should include the impact of this project on the water system.

24.

PROJECT BENEFITS

25. Describe any environmental and/or public health benefits that would be achieved with this project.

GREEN PROJECT RESERVE

Starting with Federal Fiscal Year (FFY) 2010, to the extent there are sufficient eligible projects, the DWSRF funding will include a goal of utilizing a minimum of 20% of the federal capitalization grant for “green” projects. As a result, projects with qualifying green elements will receive additional priority points (see page 7). In addition, possible “Economic Stimulus” funding will likely include similar green project goals. Please refer to the “Green Project Information Form” for more information when answering the question below.

26. Does this project include “green” components, including water or energy efficiency?

Yes Submit a completed “Green Project Information Form” along with sufficient justification

No

27. Please identify any potential obstacles that could prevent or delay this project from moving forward.

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PROJECT READINESS, cont.

33. Has the project obtained all State permits or approvals needed for this project (i.e. DEP diversion permits, DOT permits, DPH change of use permits, etc.)? ** See note below #34 **

Yes Submit a list of all necessary state agency approvals and/or permits for this project, the state issuing entity, and date at which the approval or permit was obtained.

No Submit a list of outstanding State permits or approvals, and their status

**** To be prioritized for “Economic Stimulus” funding, all state approvals and permits must be in place.**

34. a) What is the anticipated start date for construction of this project? _____.

b) How many days after an “Economic Stimulus Bill” passes could you have a signed construction contract: _____ days

NOTE: The acquisition of any interest in land will likely NOT be eligible for funding under any “Economic Stimulus” legislation. It is eligible for funding under the base DWSRF program. For purposes of answering Question #32, state permits must be in place including permits issued by the DPH (i.e. Sale of Excess Water, Water Company Land, etc.); however, state approvals DO NOT include any approvals that are associated with the DPH DWSRF review process (technical project review & approval, pre-bid document review & approval, authorization to award contract).

System Improvement Information

PLEASE CHECK THE LETTER OF ALL THAT APPLY. Points are only awarded for the deficiency corrected which addresses the highest health risk and compliance concern, and represents a significant portion of the total project cost. **Adequate documentation or justification to validate the deficiency must be provided to earn points.**

A. Surface Water Treatment Rule Violation, 50 points. Project will achieve compliance for any of the following: unfiltered surface water, insufficient disinfection contact time, Ground Water Under the Direct Influence of Surface Water, turbidity violation.

B. Microbiological Violation, 50 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding a Maximum Contaminant Level (MCL). This project may be a new source, replacement of contaminated equipment, piping, or treatment.

C. Inorganic Violation – Nitrate/Nitrite/Nitrogen, 50 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for Nitrate, Nitrite and Nitrogen only.

D. Inorganic Violation – Lead/Copper Exceedance, 40 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding the Action Level (AL) for lead or copper exceedances only.

E. Inorganic Chemical Violation – Arsenic, 40 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for Arsenic only.

F. Radioactivity Violations, 40 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for radiologicals.

G. Inorganic Chemical Violation, 30 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for inorganic chemicals (excluding lead, copper, sodium, arsenic, and nitrate).

H. Organic Chemical Violations, 30 points. Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for organic chemicals.

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- I. Pesticides, Herbicides and PCBs Violations, 30 points.** Project will correct a deficiency resulting in water being delivered to consumers exceeding an MCL for pesticides, herbicides and PCBs.
- J. Approaching MCL (50% of current MCL), 25 points.** These points may be awarded if the project is being undertaken to treat or eliminate contamination of a regulated contaminant that is approaching an MCL.
- K. Treatment Technique Violations (Fluoride, Chlorine Residual, or Phosphates only), 20 points.** Project will correct a deficiency resulting in water being delivered to consumers that does not meet state or federal standards due to treatment technique violations.
- L. Exceeding DPH Action Levels, 15 points.** Project will correct any inorganic, organic, pesticide, herbicide, PCB and radiological level that has exceeded DPH action levels, but has not received an MCL violation. The DPH Action Level list can be found on the DPH website under the Environmental Health Section: Publications and Reports (“Action Level List for Private Wells”).
- M. Sodium Exceedance, 10 points.** Project will correct a deficiency resulting in water being delivered to consumers exceeding the sodium notification level.
- N. Color Violation, 10 points.** Project will correct a deficiency resulting in water being delivered to consumers exceeding a color of 15 standard units.
- O. pH Violation, 10 points.** Project will correct a deficiency resulting in water being delivered to consumers with low or high pH levels. pH values for water entering distribution is not to be less than 6.4 nor to exceed 10.0 entering the distribution system for systems that are not required to install optimal corrosion control treatment. For systems required to install such treatment, a range of 7.0 to 10.0 must be achieved.
- P. Odor Violation, 10 points.** Project will correct a deficiency resulting in water being delivered to consumers with an odor value that has exceeded two (2).
- Q. Turbidity (Ground Water) Violation, 10 points.** Project will correct a deficiency resulting in water being delivered to consumers with a turbidity that has exceeded five (5) standard units at representative sampling points in the distribution system.
- R. Main Extension to Existing Private Wells with Public Health Code Violations, 20 points.** Project will provide water to existing private wells that have public health code violations. Fill out the attached System Consolidation Worksheet.
- S. Source Deficit or Insufficient Margin of Safety, 40 points.** Project will correct a deficit or insufficient source by adding more sources, rehabilitation of existing sources, etc. Project will correct the supply capacity of the water system to allow a sufficient margin of safety relating to the safe yield and available water versus the existing and projected demands of the system. For community systems with a population served of 1,000 or more, this project must be identified in the water supply plan.
- T. System Capacity Deficits, 20 points.** Project will correct sources of supply, treatment, pumping, transmission and storage facilities to provide flows in excess of the maximum flows and projected peak period consumption.
- U. Lack of Source (production) Meters, 20 points.** Project will include the addition of meters on all sources of supply.
- V. Pressure Violation (water outages or pressure drops less than 25 psi), 20 points.** Project will correct seasonal water shortages requiring hauling or water conservation measures. Improvements may include: new source; increases in sizes of pumps, mains, or treatment facilities; or replacement of leaking water mains.

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W. Source Development, 20 points. Project will develop additional supplies to augment and/or replace existing sources.

X. Implementation of Conservation Measures, 15 points. Project will result in the conservation of water that effectively reduces consumption permanently.

Y. Acquisition / Transfer of System, 25 points. Project will result in a system being acquired or transferred. Fill out the attached System Consolidation Worksheet for each system to be acquired / transferred.

Z. Interconnection / Public Water System Absorbed, 15 points. Project will result in the interconnection of a system and that system being absorbed. Fill out the attached System Consolidation Worksheet for each system to be interconnected.

AA. Interconnection / Public Water System Becomes Consecutive, 15 points. Project will result in the interconnection of an existing public water system that will become a consecutive system following the interconnection. Fill out the attached System Consolidation Worksheet for each new consecutive system.

BB. Proactive Infrastructure, 5 points each, unless noted, with a maximum of 25 points.

Upgrade Treatment Facilities (facility structures, treatment process, etc) (15 points)

Pumping Facilities

Main Replacement / Improvement

Treatment Residuals Management

Storage Tanks (replace, repair, repaint, new, etc)

Main Extension for Interconnection

System Automation

Leak Detection

Distribution Meters

Posting / Fencing / Security Measures (10 points)

Emergency Power Provisions

CC. Source / Distribution Violations, 10 points. Must relate only to construction projects

DD. Implementation of Best Management Practices (BMP) on Watersheds as a Result of Construction, 10 points. Must relate only to construction projects

EE. Source Protection Improvements, 5 points. Must relate only to construction projects

FF. Purchase of Land, 5 points. Must relate only to construction projects

GG. Affordability, 10 points. Systems having projects in towns where the Median Household Income is less than 80% of the State's average. The list of towns based on data from the 2000 Census.

The following represents the list of Cities and Towns which qualify for these additional points:

- ✦ Ansonia
- ✦ Bridgeport
- ✦ East Hartford
- ✦ Hartford
- ✦ Killingly
- ✦ New Britain
- ✦ New Haven
- ✦ New London
- ✦ North Canaan

- ✦ Norwich
- ✦ Plainfield
- ✦ Putnam
- ✦ Sprague
- ✦ Torrington
- ✦ Waterbury
- ✦ West Haven
- ✦ Windham

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HH. Green Project Reserve, maximum 30 points; minimum of 5 points. Priority points will be assigned to eligible projects in an amount up to 30 points. Sufficient documentation must be submitted in justification that the project achieves identifiable and substantial benefits that qualify as green project benefits. The assignment of green points is subject to DPH review and approval of the justification and based on the percentage of the eligible DWSRF project determined to be “green”. Complete the attached *Green Project Information Form* and mark the green percentage applicable to this project in the list below.

- 60 - 100% --- 30 points
- 50% ----- 25 points
- 40% ----- 20 points
- 30% ----- 15 points
- 20% ----- 10 points
- 10% ----- 5 points (>0 & up to 10%)

*** The green percentage is calculated from the proportion of the total eligible DWSRF project cost that will be expended on eligible green element(s) of the project by the total eligible DWSRF project cost. Please round the green percentage to the nearest 10 percent.**

II. Ground Water Rule, maximum 20 points; minimum of 2 points. Priority points will be assigned to eligible projects in an amount up to 20 points. Project will correct a “Significant Deficiency”, as referenced in the DPH DWS “Significant Deficiencies Guidance Document”, which has been identified by DPH. If a “Significant Deficiency” condition exists, but has not yet been documented by DPH, sufficient justification must be submitted to warrant these points.

- 100% ----- 20 points
- 90% ----- 18 points
- 80% ----- 16 points
- 70% ----- 14 points
- 60% ----- 12 points
- 50% ----- 10 points
- 40% ----- 8 points
- 30% ----- 6 points
- 20% ----- 4 points
- 10% ----- 2 points (>0 & up to 10%)

*** The Ground Water Rule percentage is calculated from the proportion of the total eligible DWSRF project cost that will be expended on eligible portions of the project that correct “Significant Deficiencies” by the total eligible DWSRF project cost. Please round the Ground Water Rule percentage to the nearest 10 percent.**

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SYSTEM CONSOLIDATION PROJECT WORKSHEET

This information is very important. If your project is a consolidation, acquisition, transfer of ownership, interconnection or water main extension project, please return this page with your eligibility application to earn points. A copy of this form should be completed for EACH system to be consolidated, whether public or private. Water main extensions to private wells with public health code violations will need to provide the number of homes to be served and documentation of the well(s) public health code violations.

NOTE: A written letter of intent/agreement with the water system/private homeowner(s) you propose to serve indicating the water system's/private homeowner's intent/agreement to connect must be provided with this worksheet.

Proposed System Served	PWSID (if applicable)	Population Served (number and type)	Number of Connections

1. Do you currently own this water system? Yes No
2. Do you propose to take over ownership of this water system? Yes No
3. Are you providing water or will you provide water service to this system through an interconnection with your system? Yes No
4. Has the system experienced documented instances of water distribution outages? Yes No (if yes, provide documentation)
5. Does the system lack adequate disinfection? Yes No (if yes, provide documentation)
6. Is the system's documented water production capability less than the minimum required by the DPH? Yes No (if yes, provide documentation)
7. Is the system's water storage capacity less than the minimum required by the DPH? Yes No (if yes, provide documentation)
8. Has the system experienced documented instances of water distribution pressures below 25 pounds pressure per square inch? Yes No (if yes, provide documentation)
9. Has the system experienced documented instances of water contaminants exceeding the primary or secondary Maximum Contaminant Level (MCL)? Yes No (if yes, provide documentation)
10. Is the system experiencing water distribution losses of greater than 25%? Yes No (if yes, provide documentation)

For each "Yes" answer above, please indicate the solution proposed by this project:

Identified Problem from checklist above (Item #)	Proposed Solution

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SIGNATORY SHEET

PLEASE SIGN AND DATE THE FOLLOWING STATEMENT:

As the duly authorized representative of the applicant, I understand that in evaluating this application, the State of Connecticut has relied upon the information provided to evaluate the enclosed project proposal. If such information subsequently proves to be incomplete, inaccurate, false and/or deceptive, this application may be modified, suspended or revoked.

Further, I understand that this application may also be suspended or revoked if it is found that any conditions(s) set forth by the State of Connecticut have been violated or if such an action is necessary to maintain the purity or adequacy of the water supply or public health.

I hereby agree to comply with all applicable requirements of other State and Federal laws, Executive Orders, regulations and policies governing this program and am fully aware that any modifications to the proposed project plan once it has been approved and priority ranked may significantly effect our eligibility ranking and/or opportunity to secure DWSRF financing.

I understand that this application (including any attachments thereto) and any other documents, records or information that I submit to the State of Connecticut in connection with the DWSRF program shall be public records, except as otherwise provided by any federal law or state statute. I further understand that third parties may have access to such public records as required under the Connecticut Freedom of Information Act, Connecticut General Statutes, Sections 1-7 through Sections 1-211, as amended.

I understand that neither myself nor my designee will not enter into any contracts or agreements for this project without receiving written approval the Department. Not adhering to this procedure may prevent a particular service from being funded by the DWSRF.

Signature of an Authorized Legal
Representative of Public Water
System (PWS) Applicant

Date

Print Name of Person Signing

Print Title of Person Signing