

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009
CAPITALIZATION GRANT
FINAL INTENDED USE PLAN

TABLE OF CONTENTS
American Recovery and Reinvestment Act of 2009
Intended Use Plan

- I. Introduction
- II. Goals of the DWSRF Program (ARRA Funds)
- III. Sources and Uses of Funds
- IV. Criteria and Method for Distribution of ARRA Funds
 - A. Loan Terms
 - B. Additional Subsidization
 - C. Eligibility
 - D. Green Project Reserve
 - E. Priority for Projects Ready to Proceed to Construction in 12 Months/Preference for Expeditious Activities
 - F. Avoidance of Reallotment/Relationship to the Base DWSRF Program
 - G. Other ARRA Provisions
- V. Public Review and Comment.
- VI. Attachments
 - A. Governor's certification letter dated February 27, 2009
 - B. Attachment 8 to the USEPA guidance for the ARRA
 - C. ARRA Call for Projects Notice
 - D. ARRA Call for Projects – Second Notice
 - E. ARRA Project Priority List
 - F. Green Project Information Form
 - G. Public Hearing Announcement
 - H. Public Hearing Report

I. INTRODUCTION

This State of Connecticut Intended Use Plan (IUP) has been developed consistent with the American Recovery and Reinvestment Act of 2009 (ARRA) under Title VII entitled "State and Tribal Assistance Grants," Section 1452 of the Safe Drinking Water Act (SDWA), and Sections 22a-475 and 22a-483 of the Connecticut General Statutes (CGS). The purpose of the IUP is to identify the intended uses of the funds the State of Connecticut will receive from the ARRA and describe how those uses support the goals of the Drinking Water State Revolving Fund (DWSRF) program.

This IUP accompanies the Connecticut Department of Public Health's (CTDPH) application for a \$19,500,000 capitalization grant for the DWSRF program under the ARRA. This IUP is submitted under the authority of the Governor of the State of Connecticut, M. Jodi Rell, as evidenced by the Governor's certification letter dated February 27, 2009 (Attachment A).

The CTDPH held a Public Hearing on June 1, 2009 to hear comments on the draft IUP and the draft FFY2009 ARRA Project Priority List (PPL). A hearing report is provided in Attachment H.

II. GOALS OF THE DWSRF PROGRAM (ARRA FUNDS)

The CTDPH is committed to using the ARRA capitalization grant for which it is applying to provide assistance to water systems for capital improvement projects which will proceed quickly to construction, create jobs, promote economic growth, generate long term benefits from the infrastructure investment and further the public health protection objectives of the SDWA. The CTDPH's goal is to enter into binding commitments for projects, which will proceed to construction or award construction contracts by February 17, 2010. The CTDPH intends to award all assistance available under this grant in full conformance with the ARRA deadline and the terms and conditions of the capitalization grant award.

In this grant, the CTDPH is being called upon to accomplish goals that may not previously have been priorities in its base DWSRF program. Some priorities and activities in the State's base DWSRF program that may not be practical or attainable within the timeframes associated with the ARRA will be pursued using funds made available through the base program.

The goals as indicated below are benchmarks for measuring overall success and effectiveness of the ARRA program.

Short Term Goals - Financial

- A. Approve and disburse loans and subsidies for projects funded from the FFY2009 ARRA capitalization grant in accordance with this IUP and ARRA PPL.
- B. Develop procedures for implementing the subsidization provisions of the ARRA.
- C. Implement the following activities for ARRA monies that are already conducted within the base DWSRF program:
 1. Effective and efficient fiscal management of ARRA funds
 - a. Routine procedures for entering into project funding agreements with recipients

b. Communication between State agencies for fiscal components of the ARRA program

D. Develop procedures for meeting the provisions of the ARRA regarding:

1. Buy American
2. Green Infrastructure, Water and Energy Efficiency, and Other Environmentally Innovative Activity
3. Davis Bacon Act wage requirements
4. Input of project information into the ARRA Benefits Reporting on-line database
5. The review of ARRA fiscal elements as required by the EPA
6. Utilize a financing plan that maximizes meeting the loan demand and increases the amount of monies available by utilizing the leveraging system on the non-subsidy portion of the capitalization grant

E. Comply with all Federally mandated reporting requirements

Short Term Goals – Programmatic

A. Review and approve requests for funding for ARRA projects.

B. Implement existing public health based DWSRF programmatic elements of the base DWSRF program for ARRA projects

C. Develop procedures to prioritize projects based on the following:

1. Projects that will achieve the goal of committing 50% of the funds within 120 days of enactment (by June 17, 2009)
2. Projects that will commit 100% of the funds within 12 months of enactment (by February 17, 2010)
3. Projects that are able to satisfy a goal of using 20% of the funds for projects that promote green infrastructure, water or energy efficiency, or other environmentally-innovative activity

D. Input project information into the ARRA Benefits Reporting on-line database

Long Term Goals

Connecticut's participation in the USEPA sponsored 2007 Drinking Water Infrastructure Needs Survey evidenced that a significant need exists throughout the State for funding capital improvements. The 2007 survey estimates Connecticut's total twenty-year need at \$1.394 billion. Distribution (including transmission) and treatment represent the two highest categories with the former accounting for 57.9% of the need and the latter 20.1%. The Needs Survey is conducted every four years, next scheduled to be done during 2011.

The long-term goal is to use the leveraging system on the non-subsidy portion of the ARRA capitalization grant and loan repayments from ARRA executed loan agreements to strengthen and enhance the base DWSRF Program. This will allow additional funds to be made available in future years for loans within the base DWSRF Program. In addition, the ARRA will:

- Preserve and create jobs and promote economic recovery
- Invest in water infrastructure projects that will provide long-term sustainability, public health protection and economic benefits

The goals of the base DWSRF Program are contained in the FFY2008 DWSRF IUP and will be updated in the FFY2009 DWSRF IUP that will accompany the FFY2009 DWSRF capitalization grant application at a later date.

III. SOURCES AND USES OF FUNDS

The CTDPH is applying for a capitalization grant of \$19,500,000. This represents the amount that the State of Connecticut is eligible to receive under Connecticut's allocation from the supplemental appropriation enacted under the ARRA. The ARRA has waived the State match that Connecticut is normally required to provide in order to receive a capitalization grant.

Set-Aside Accounts: The CTDPH intends to take a set-aside of 4% for DWSRF program administration, a set-aside of 1.5% for small system technical assistance and a set-aside of 6% under the program management set-aside to support the Public Water System Supervision (PWSS) program and ARRA implementation. With these set-aside funds, new durational jobs are being created to offset the elimination of recently vacated positions due to the escalating State deficit. The State will provide matching funds for the 6% taken under the program management set-aside. The CTDPH reserves the right to request the remaining percentages available for these set-asides from a future DWSRF capitalization grant. A description of the set-aside activities for this ARRA capitalization grant are provided below:

4% Administrative Set-Aside: The CTDPH intends to use this set-aside account to hire a Health Program Assistant and Fiscal Administrative Officer for a duration that ends on September 30, 2014 or earlier to perform the following services:

- Liaison between the DWS and other internal and external programs involved with monitoring and dispersing ARRA and DWSRF funds
- Evaluation of eligible systems for managerial and financial capacity
- Development and utilization of accounting management reports
- Review administrative and financial documentation of financial assistance ARRA/DWSRF applications and provide assistance, as needed, to applicants to ensure project funding agreements are executed expeditiously
- Prepare project funding agreements and contracts
- Document and track grant activities and expenses
- Review invoices and process payments
- Prepare financial reports
- Prepare grant reports
- Input project information into the ARRA Benefits Reporting on-line database
- Contact applicants as needed

1.5% Small Systems Technical Assistance Set-Aside: The CTDPH intends to use this set-aside account to hire a Sanitary Engineer I for a duration that ends on September 30, 2011 or earlier to perform the following services:

- Provide technical assistance information to owners and operators of PWSs that serve less than 10,000 people
- Assist small systems in the preparation of loan applications
- Conduct environmental reviews of eligible ARRA/DWSRF infrastructure improvement projects
- Review and approve engineering contracts
- Technical review and approval of project plans and specifications
- Inspect and track the progress of construction work
- Review and rank loan applications
- Provide technical assistance to small systems in the areas of financial and managerial capacity development

6% Program Management Set-Aside: The CTDPH intends to use this set-aside account to hire 3 Sanitary Engineer I's and 2 Environmental Analyst II's for a duration that ends on September 30, 2011 or earlier.

The Sanitary Engineers will perform the following services:

- Assess the technical capacity of PWSs and assist systems in recognizing the most efficient methods and practices to improve the systems' infrastructure
- Educate systems on available financial assessment tools and assist as necessary to help the systems obtain revenue sources that will strengthen the long term viability
- Analyze the managerial capacity of PWSs and delineate measures that will enhance or reinforce the professional standards and capacity of the systems' management
- Identify water systems that would most benefit from collaboration or regionalization and assist in developing and evaluating processes to aid in the success of these capacity development efforts, including the feasibility to merge and interconnect the systems' infrastructure

The Environmental Analysts will perform the following services:

- Provide financial, managerial and technical assistance to community water systems as part of the water supply planning process to help these systems achieve and maintain long term sustainability
- Track, analyze and prepare reports concerning status of all eighty-four (84) PWSs serving over 1000 persons that are required to submit water supply plans.
- Review and process PWS permits
- Review projects for environmental impacts as necessary
- Review Certificate of Public Convenience and Necessity applications for the creation of new PWSs including evaluating feasible interconnections with existing PWSs
- Review Water Supply Plans for community water systems serving greater than 1000 persons
- Perform Well Site Suitability Reviews for proposed new PWS groundwater sources
- Assist in the coordination of regional water supply forums
- Review interim Conservation and Development changes for the Connecticut Office of Policy and Management

Transfer Provision: The CTDPH may transfer uncommitted funds from the DWSRF capitalization grant under the ARRA to the CTDEP Clean Water State Revolving Fund (CWSRF) capitalization grant. The State acknowledges that the only transfer of funds permissible under the ARRA appropriation is between these two capitalization grants, and commits to manage and expend all funds thus transferred consistent with the requirements of the ARRA. To assure maximization of the ARRA capitalization grant funds, both CTDPH and CTDEP will review the status of both the DWSRF and CWSRF projects by August 17, 2009, with a determination by no later than November 17, 2009 that these projects will be under construction contract by February 17, 2010. If all funds cannot be committed to projects, a demonstrated need for the remainder of funds would prompt a transfer between the two programs to allow full use of the funds.

Table 1 Summarizes the sources and uses of the capitalization grant for which the State is applying:

**Table 1
Sources and Uses of Capitalization Grant**

SOURCES	AMOUNT
Capitalization Grant	\$19,500,000
 USES	
Infrastructure Assistance Agreements	
Project Loans	\$7,507,500
Project Subsidization	\$9,750,000
4% Administration	\$780,000
1.5% Small Systems Technical Assistance	\$292,500
6% Program Management	\$1,170,000

IV. CRITERIA AND METHODS FOR DISTRIBUTION OF ARRA FUNDS

A. Loan Terms

Connecticut has instituted a tiered schedule of interest rates for DWSRF loans derived from the market costs of debt financing for the DWSRF program. The tier applicable to a specific project will be based on the financial and legal status of the recipient as well as the type of project. CGS Sections 22a-475 through 22a-483 inclusive allows for amortization to begin one year from the project's completion date and provides a formula, based on the State's prevailing taxable or tax-exempt bond market rates, for setting interest rates. The State may adjust these terms based on the financial viability of the borrower.

CGS Sections 22a-475 through 22a-483 inclusive allows the State to offer project loans with reduced interest rates or an extended term, if permitted by Federal law, to eligible PWSs that qualify as disadvantaged communities. CTDPH's Operating Agreement with the United States Environmental Protection Agency (USEPA) contains an explanation of a disadvantaged community.

Within the provisions of the CGS Sections 22a-475 through 22a-483 inclusive, the State will consider appropriate financial terms for refinancing (under the ARRA, permitted only for municipal projects incurring debt and initiating construction after October 1, 2008).

Additional lending policies pertaining to the DWSRF program are found in Attachment 6 of the FFY2008 DWSRF IUP.

Construction Loans Only: Due to emphasis within the ARRA for funds to be committed to “shovel-ready” construction projects, financial assistance will only be offered for the construction portion of a project. Design and planning elements of projects will not be eligible for financial assistance with ARRA funds. However, these costs may be eligible for reimbursement under the base DWSRF Program in the form of a low interest loan only. Financial assistance applicants are encouraged to use other funding sources for planning and design elements of projects and, if necessary, seek reimbursement at a later date from the base DWSRF Program. Applicants planning to seek reimbursement from the base DWSRF Program should consult with the CTDPH Drinking Water Section’s DWSRF Program to ensure that all necessary professional service procurement requirements are followed.

B. Additional Subsidization

The ARRA requires that not less than 50% of the ARRA capitalization grant be used to provide additional subsidization to eligible recipients in the form of grants, principal forgiveness, or negative interest loans or any combination of these. The State of Connecticut is therefore required to provide at least \$9,750,000, which is 50% of the ARRA capitalization grant, in additional subsidization. The State has the statutory authority to provide subsidization in the form of grants, principal forgiveness, negative interest rates or any combination of these under CGS Section 22a-477(s).

The CTDPH has determined in consultation with the CTDEP and the Office of the State Treasurer that all recipients of assistance under the ARRA will be provided loans that include grants, forgiveness of principal, or negative interest for at least 50% of the total amount of assistance they receive.

C. Eligibility

Projects eligible for loans and subsidies under this capitalization grant include projects identified in the FFY2008 DWSRF IUP or for which Eligibility Applications were submitted in response to the base DWSRF Program’s FFY2009 Call for Projects in October 2008 or either of the two subsequent ARRA Call for Projects in January and March 2009. Additionally, a project must satisfy the following criteria:

1. CTDPH has not already entered into a binding commitments for the project and;
2. A construction contract has not yet been awarded or was awarded after October 1, 2008 and;
3. Is able to satisfy the requirements of the ARRA and the base DWSRF Program

These projects are identified on the ARRA PPL in Attachment E.

D. Green Project Reserve (GPR)

The ARRA requires that, to the extent there are sufficient eligible project applications, not less than 20 percent of the funds shall be for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. Some projects, in whole or in part, meeting the criteria of the GPR as described in the USEPA guidance for the ARRA (Attachment B), are identified on the ARRA PPL. PWSs that do not have projects identified as meeting the eligibility requirements of the GPR on the ARRA PPL must submit a business case that demonstrates the technical and financial merits of the project that satisfy the provisions of the GPR. Where it is not clear that a project, in whole or in part, qualifies as counting toward the GPR, the files for such project will contain documentation of the business case on which the project was judged to qualify. The CTDPH has solicited for this information from all PWSs with projects identified on the ARRA PPL. Projects on the ARRA PPL meeting one or more of these objectives are designated as follows: Green Infrastructure = G; Energy Efficiency = E; Water Efficiency = W; Other Environmentally Innovative Activity = O.

The CTDPH solicited for additional GPR projects in March 2009 (Attachment D). The CTDPH also developed a Green Project Information Form (Attachment F) to assist ARRA financial assistance applicants in identifying the green components of their projects and submitting the required business case information to qualify these components under the GPR provision. Currently, the CTDPH has identified several projects on the ARRA PPL that are categorically qualified under the GPR provision according to USEPA guidelines.

Metropolitan District Commission - Radio Frequency Automated Meter Reading System and Meter Replacement Program: This project is proposed to receive ARRA funding and is identified as the seventh highest ranked project on the ARRA PPL. The project, when complete, will result in the replacement of approximately 30,000 residential water meters older than 6 years. In addition, the project will also result in the installation of a radio frequency automated meter reading system. This \$5,950,000 project qualifies categorically as a water conservation project under the GPR provision as identified in Attachment 8 to the USEPA guidance for the ARRA (Attachment B). This project will receive 30% of the ARRA funds which will exceed the 20% GPR goal. This project is also estimated to be ready to proceed to construction prior to June 17, 2009.

It is anticipated that other ARRA recipients will identify qualifying green components for their projects and submit any necessary business cases to the CTDPH thus increasing the percentage of ARRA funds contributing towards the GPR goal.

Management of the GPR: If after 180 days of the enactment of the ARRA there is an insufficient number of qualified green projects ready to proceed to construction prior to February 17, 2010 to meet the 20 percent GPR provision, then the CTDPH shall certify to the USEPA that it has insufficient eligible projects to meet the GPR provision. Such certification is not anticipated but will be made, if necessary, to USEPA no earlier than August 17, 2009. If the USEPA grants a waiver to the CTDPH from the 20 percent GPR provision the CTDPH will make any remaining GPR funds available to traditional projects.

E. Priority for Projects Ready to Proceed to Construction in 12 months and Preference for Expeditious Projects

The ARRA requires that funding priority be given to projects that will be ready to proceed to actual construction no later than February 17, 2010. The ARRA act further requires that preference be given to activities that can be started and completed expeditiously, including a goal of using at least 50 percent of the funds for activities that can be initiated by June 17, 2009. The CTDPH also has priority ranking criteria for its base DWSRF Program that ranks projects in accordance with criteria associated with public health protection, population affected, protection of environmental resources, compliance with the SDWA and other associated acts, applicable state and federal regulations, economic need, infrastructure sustainability and policies of the State of Connecticut. The ARRA PPL which is provided in Attachment E includes projects from eligible public water systems that:

1. filed pre-ARRA DWSRF applications that are eligible to receive ARRA funding
2. responded to the January 22, 2009 solicitation for ARRA projects prior to enactment of the ARRA (attachment C)
3. responded to the March 25, 2009 solicitation for ARRA projects after enactment of the ARRA (attachment D)

The numbers of projects received from these solicitations are summarized in Table 2.

Table 2
Summary of ARRA Project Solicitations

Solicitation	Number of Applications
pre-ARRA DWSRF	65
January 22, 2009	38
March 25, 2009	62

The CTDPH sent the two ARRA solicitations directly to owners and administrators of community PWSs and also posted the announcement on its website.

The projects on the ARRA PPL were ranked and prioritized using criteria enumerated below, with construction readiness given primary consideration..

1. Construction readiness
2. Meeting green project goals
3. Enhancing public health protection
4. Achieving compliance with the SDWA
5. Addressing economic need and infrastructure sustainability.

Using the provisions of subsections D and E of this IUP, the CTDPH prepared the ARRA PPL.

CTDPH used a tiered approach to establish the project list whereby the top 34 projects appearing on the ARRA PPL, based on information from the water systems, were assumed to be fully designed, had local funding resolutions in place, and were purported by the PWS applicants to be

ready to initiate construction prior to June 17, 2009. These 34 projects were then ranked according to the priority ranking points awarded to the project using the ranking criteria from the base DWSRF program. The remaining 131 projects that were not at this stage of readiness were ranked based on the estimated construction start date reported by the PWS applicants. Tie-breaking provisions as described further in this subsection were implemented as necessary for these 131 projects.

By-pass Provision: The ARRA requires that all monies be committed to projects that will proceed to construction or contracts for construction by February 17, 2010. Therefore, project by-passing procedures have been developed to ensure that this requirement is met in the event a project is unable to begin construction. Moreover, the CTDPH will not commit any ARRA funds to projects identified on the ARRA PPL until such time as the CTDPH has received sufficient administrative, financial, and technical information from the financial assistance applicant to:

1. Execute a financial assistance agreement prior to February 17, 2010 and;
2. Issue an authorization letter to award a construction contract for the project prior to February 17, 2010.

The DWS must receive a substantially completed ARRA Financial Assistance Application by July 17, 2009 from each applicant identified on the fundable portion of the ARRA PPL. The ARRA Financial Assistance Application must clearly demonstrate conformance with the two items enumerated above. If an applicant cannot meet the July 17, 2009 deadline, the CTDPH will implement this by-pass procedure in a reasonable and fair manner to ensure compliance with the goals and requirements of the ARRA. Public water systems with projects on the fundable portion of the ARRA PPL that are by-passed will be notified by CTDPH. Projects no longer eligible for ARRA funding may be eligible to receive low interest loans under the base DWSRF Program without subsidization.

Under the by-pass provision, there is no guarantee that projects identified on the fundable portion of the ARRA PPL will receive financial assistance with ARRA funds. This provision is intended to ensure complete use of the ARRA funds and to encourage financial assistance applicants on the fundable portion of the list to move their projects forward expeditiously. This provision is also intended to encourage applicants below the ARRA funding line on the list to be prepared to move their projects forward in the event a preceding project encounters unanticipated delays.

In the event that the by-pass procedure is implemented the next available applicant on the non-fundable portion of the ARRA PPL will be offered financial assistance with ARRA funds provided that the applicant is able to document the following requirements:

1. local resolutions have been obtained that authorize funding for the construction project
2. Final design of the construction project is complete
3. All necessary permits and approvals for the construction project have been obtained
4. Bid specifications have been prepared for the construction project that meet DWSRF and ARRA program requirements
5. No outstanding environmental issues exist with the construction project based on a completed DWSRF Program environmental review
6. The project will comply with the federal Davis-Bacon Act wage requirements.
7. The project will comply with the Buy American provisions of the ARRA.

8. The construction project is under construction , under open competitive bidding or the applicant is ready to put the construction project out to open competitive bidding

Applicants that receive this offer via this by-pass provision will have 30 calendar days after notification from the DWS to submit a complete ARRA financial assistance application to the DWS.

Tie-Breaking Provision: In the event that more than one project is ready to proceed to construction at the same time and there are insufficient ARRA funds remaining to fund all of these projects, tie-breaking procedures will be applied in the following order:

1. In circumstances where one or more projects are ready to proceed at the same time, the project that contributes a higher percentage of total project cost towards eligible GPR components or activities will take priority.
2. In circumstances where the percentage of GPR components or activities is equal, the project with the higher ranking score, as determined using the priority ranking criteria of the base DWSRF Program, will take priority.
3. In circumstances where one or more projects have an equivalent ranking score, the project serving the larger population will take priority. Population shall be calculated based on the population which will receive direct benefits from the project rather than the total population served by the PWS. (Example: An eligible pump station project will only provide direct benefits to the population of the PWS that is served by that pump station)

F. Avoidance of Reallotment/Relationship to the Base DWSRF Program

The CTDPH will regularly review the data reported to USEPA on the progress of assistance recipients under the statutory deadlines specified in this IUP to identify any issues with the timeliness of this progress. This review is necessary in order to meet the requirements and deadlines of the ARRA for the expeditious and timely commitment and expenditure of funds. If such issues are identified, the CTDPH intends to work with USEPA to resolve such issues as may place the State at risk of reallotment if not timely resolved. The CTDPH will include conditions in its financial assistance agreement to ensure that assistance recipients make timely progress with respect to entering into construction contracts. If a recipient fails to maintain progress with these conditions, they will be by-passed as described in Section E of this IUP. Projects on the ARRA PPL that do not receive financial assistance with ARRA funds will be eligible to receive a low interest project loan without any subsidization under the base DWSRF Program.

The CTDPH understands that the USEPA may deobligate capitalization grant funds from States that fail to meet requirements on use of funds. The CTDPH intends to avoid deobligation. If the CTDPH is eligible for additional funds made available from other States that fail to meet deadlines, the CTDPH will provide USEPA with a list of projects from its ARRA PPL that are ready to proceed to construction, and will also provide a certification through an amendment to this IUP that all funds received for these projects will be under contract for construction with 120 days of reallotment.

G. Other ARRA Provisions

Buy American: None of the funds appropriated or otherwise made available by the ARRA may be used for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States. This requirement may be waived by the USEPA in any case or category of cases in which the USEPA Administrator finds that:

1. Applying this provision would be inconsistent with the public interest;
2. Iron, steel, and the relevant manufactured goods are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or
3. Inclusion of iron, steel, and manufactured goods produced in the United States will increase the cost of the overall project by more than 25 percent.

If the project applicant cannot meet this requirement, a request for a waiver, along with sufficient justification for the request, must be submitted to the USEPA.

Davis-Bacon Act Wage Requirements: Notwithstanding any other provision of law and in a manner consistent with other provisions in the ARRA, all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to this ARRA shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of Title 40, United States Code (USC). With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Title 5 USC, Appendix, Reorganization Plan No. 14 of 1950 (64 Stat. 1267).

Refinancing: Funds appropriated under the ARRA may not be used to provide assistance for the purpose of purchasing or refinancing municipal debt or restructuring outstanding DWSRF loans unless the initial debt was incurred on or after October 1, 2008. Congress has stated as a goal of providing these funds that funds should be used in a manner that maximizes job creation and economic benefit, and therefore, USEPA encourages States to use the funds in such a manner to meet this goal. Eligible refinancing projects must meet the requirements of the ARRA and must be consistent with objectives of the ARRA.

V. PUBLIC OUTREACH AND COMMENT

The CTDPH has engaged in a concerted effort to prepare and provide accurate and understandable information on the ARRA to potential financial assistance applicants and other interested parties. In compliance with the requirement in SDWA Section 1452(b) (1) and Sec. 22a-482-1 (c) (4) of the Regulations of Connecticut State Agencies, a public hearing on this IUP was held on June 1, 2009 (Attachment G). The CTDPH posted the IUP and the ARRA PPL in draft form on the CTDPH website at www.ct.gov/dph/publicdrinkingwater beginning on May 1, 2009. The CTDPH also provided notice of the availability of the draft IUP by posting a Legal Notice beginning April 13, 2009 in three daily newspapers as well as two weekly minority-based newspapers. The total circulation of the five newspapers is 576,900. Notification was also mailed to all applicants listed on the ARRA PPL and to consulting firms from the DWS's list of interested parties. Comments on the draft IUP and draft ARRA PPL were accepted until 4:30pm on June 5, 2009. The DWS received a total of 16 pieces of testimony during the public comment period relating to 11 projects on the draft list. This testimony

was reviewed and considered in preparing the final ARRA PPL. In addition, the original ARRA eligibility applications were reviewed by the DWS again to determine if errors or omissions were discovered. Based on this review and with consideration given to the testimony provided during the public comment period the modifications shown in Table 3 were made to the draft ARRA PPL.

**Table 3
Modifications Made to the draft ARRA PPL**

Public Water System	Project	Draft Ranking	Final Ranking
Barlow Mountain & Scotland Elementary Schools	Water main extension for consolidation	146	2
Aquarion Water Co. of CT – Main System	Canal St. treatment plant upgrade	30	119
Aquarion Water Co of CT-Stamford	N. Stamford reservoir dam & gatehouse rehab	79	138
Ledyard WPCA, Gales Ferry System	Water main extension to Aljen Heights	148	87
Noank Fire District	Water mains, valves, & hydrant replacement and distribution meters	58	23
Metropolitan District Commission	Highview pump station replacement, East Hartford	149	24
Metropolitan District Commission	Mountain Road pump station improvements, West Hartford	150	25
Metropolitan District Commission	Canal Street storage tank #2, West Hartford	151	26

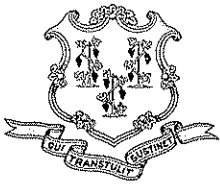
A copy of the ARRA public hearing report is provided in Attachment H and will be posted on the DPH website.

VI. ATTACHMENTS

- A. Governor’s certification letter dated February 27, 2009
- B. Attachment 8 to the USEPA guidance for the ARRA
- C. ARRA Call for Projects Notice
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ATTACHMENT A

STATE OF CONNECTICUT
EXECUTIVE CHAMBERS



M. JODI RELL
GOVERNOR

Mr. Peter R. Orszag, Director
Office of Management and Budget
Executive Office of the President
Washington, DC 20503

February 27, 2009

Dear Mr. Orszag:

Pursuant to Section 1607 of the American Recovery and Reinvestment Act of 2009, I hereby certify on behalf of the people of the State of Connecticut that we will request and accept funds provided by the American Recovery and Reinvestment Act of 2009 and use such funds to create jobs and promote economic growth in a manner that is in the best interests of the taxpayers of the State of Connecticut.

Sincerely,

A handwritten signature in cursive script that reads "M. Jodi Rell".

M. Jodi Rell
Governor

Attachment B

The ARRA contains the following requirement:

“Provided further, That, to the extent there are sufficient eligible project applications, not less than 20 percent of the funds appropriated herein for the Revolving Funds shall be for projects to address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities:”

EPA has provided the following guidance on the Green Project Reserve for eligible drinking water projects that are eligible for funding.

DWSRF Project Descriptions and Examples for Green Project Reserve

The ARRA requires that, to the extent there are eligible project applications, a State shall use 20% of its DWSRF capitalization grant under the ARRA for green infrastructure projects to address water and energy efficiency improvements or other environmentally innovative activities. EPA is referring to this provision as creating a Green Infrastructure Reserve within each DWSRF capitalization grant. This guidance provides clarification of this provision of the law and examples of projects that might be considered for assistance from the Green Project Reserve.

EPA anticipates that “water or energy efficiency” projects will likely be the principal focus of the Green Project Reserve under the DWSRF. However, there may also be projects, or components of projects, that qualify for consideration under the Green Infrastructure Reserve in the DWSRF on the basis of application of green infrastructure or being environmentally innovative.

Under the Green Project Reserve in the DWSRF both entire projects may be considered for inclusion or appropriate identifiable components of larger projects may be considered for inclusion. Whatever projects or project components are included, such projects or project components must clearly advance the objectives articulated in the specific categories discussed below.

Business Case Requirements for Counting Costs toward the 20% Reserve for Energy and Water Efficiency

There are some types of projects that clearly will qualify towards the 20% Green Project Reserve, being entirely and explicitly framed as a green infrastructure or a water or energy efficiency project. However, some types of traditional projects may also have benefits that may in some cases be counted towards the 20% Green Project requirement. For example, lower friction afforded by a new distribution pipe could reduce the energy needed to pump water through the distribution system. For such traditional projects (or portion of a project) to be counted towards the 20% requirement, the State’s project files must contain documentation that the clear business case for the project (or portion) investment includes achievement of identifiable and substantial benefits that qualify as Green Project benefits.

The required documentation could be a simple memo but must indicate the basis on which this project was judged to qualify to be counted toward the 20% requirement. Such a memo would typically include direct reference to a preliminary engineering or other planning document that makes clear that the basis upon which the project (or portion) was undertaken included identifiable and substantial benefits qualifying for the Green Project Reserve.

Although not intended to be an exhaustive list, we have identified a number of project and project-related costs below that could count toward the 20%. Examples that would require a business case are so noted.

Energy Efficiency:

- I.** Energy efficiency includes capital projects that reduce the energy consumption of eligible drinking water infrastructure projects
 - a. Web link to EPA's Better Management-Energy page:
http://www.epa.gov/waterinfrastructure/bettermanagement_energy.html
 - b. Web link to EPA's clean energy site: <http://www.epa.gov/cleanenergy/>
 - c. Clean energy includes wind, solar, geothermal, hydroelectric, and biogas combined heat and power systems.

- II.** Eligible costs associated with energy efficiency projects may include:
 - a. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.
 - b. Building activities that implement capital energy efficiency projects are eligible.
 - c. Costs associated with a utility energy audit if required as a condition of assistance

- III.** Energy efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.

- IV.** Examples of projects include, but are not limited to:
 - a. Energy efficient retrofits and upgrades to pumps and treatment processes (requires business case)
 - b. Leak detection equipment
 - c. Producing clean power for treatment systems on site (wind, solar, hydroelectric, geothermal, biogas powered combined heat and power)
 - d. Replacement or rehabilitation of distribution lines (requires business case)

Water Efficiency:

- I.** Water efficiency is the use of improved technologies and practices to deliver equal or better services with less water.
 - a. WaterSense program Focus on Utilities - <http://www.epa.gov/watersense/tips/util.htm>

- II.** Eligible costs associated with water efficiency projects may include:
 - a. Planning and design activities for water efficiency that are reasonably expected to result in a capital project.
 - b. Purchase of water efficient fixtures, fittings, equipment, or appliances
 - c. Purchase of leak detection devices and equipment
 - d. Purchase of water meters, meter reading equipment and systems, and pipe
 - e. Construction and installation activities that implement capital water efficiency projects.
 - f. Costs associated with development of a water conservation plan if required as a condition of DWSRF assistance.

- III.** Water efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.

- IV.** Examples of projects include, but are not limited to:
- a. Installation of water meters or automated meter reading systems
 - b. Retrofit or replacement of water using fixtures, fittings, equipment or appliances (can include rebate programs)
 - c. Distribution system leak detection equipment
 - d. Replacement or rehabilitation of distribution lines (requires business case)

Green Infrastructure:

- I.** Definition: Green Infrastructure includes a wide array of practices that manage wet weather to maintain and restore natural hydrology by infiltrating, evapotranspiring and capturing and using stormwater. In the context of the DWSRF, green infrastructure consists of site-specific practices, such as green roofs and porous pavement at drinking water utility facilities. In addition to managing rainfall, these green infrastructure technologies can simultaneously provide other benefits such as reducing energy demands.
- a. Green infrastructure projects can be stand alone projects. They do not need to be part of a larger capital improvement project.
 - b. Examples of projects include, but are not limited to:
 - i. Implementation of wet weather management systems for utility buildings and parking areas which include: the incremental cost of porous pavement, bioretention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness.

Environmentally Innovative Projects:

- I.** Definition: Within the context of the DWSRF program, “environmentally innovative projects” would include those that are: (1) consistent with the underlying project eligibilities of the DWSRF program; and (2) consistent with the timelines and objectives of the ARRA; and (3) that demonstrate new and/or innovative approaches to delivering service and/or managing water resources in a more sustainable way, including projects that achieve public health protection and environmental protection objectives at the least life-cycle costs,
- a. Environmentally innovative projects can be stand alone projects. They do not need to be part of a larger capital improvement project. Any project which a State wishes to qualify for funding from the Green Project Reserve on the basis of being an “Environmentally Innovative Project” would require business case documentation.
 - b. Examples of projects include, but are not limited to:
 - i. Projects, or components of projects, that enable the utility to adapt to the impacts of global climate change
 - ii. Projects, or components of projects, consistent with a “Total Water Management” planning framework; or other planning framework within which project life cycle costs (including infrastructure, energy consumption and other operational costs) are minimized.

Attachment C

January 22, 2009

IMPORTANT ANNOUNCEMENT - Drinking Water Revolving Loan Fund Call for 2009 Infrastructure Projects Deadline extension until February 17, 2009

Due to the anticipated availability of additional funds for drinking water infrastructure projects that may result from a Federal economic stimulus package, the Drinking Water Section (DWS) is extending its Drinking Water State Revolving Fund (DWSRF) Call for 2009 Projects until **February 17, 2009**.

Over the past several weeks there has been a strong indication that the new Presidential Administration will be introducing an economic stimulus package that includes earmarked funds for drinking water infrastructure. President Obama has indicated that an economic stimulus package is a top priority of his new Administration and it is anticipated to be introduced soon.

The DWS recently met with representatives from the Environmental Protection Agency's (EPA) Washington D.C. Headquarters. EPA has indicated that they are anticipating that the final economic stimulus package will call for these capitalization grants to be administered through States' existing DWSRF loan programs. It appears likely that eligibility for loans will follow the States' existing DWSRF eligibility criteria but may allow for some streamlining or flexibility in complying with Federal DWSRF requirements. It's our understanding that the economic stimulus bill would require States to enter into binding commitments (i.e. loan agreements) with loan recipients no later than 180 days after the date which the State receives the grant award. Thus it is important to emphasize that these funds will likely be allocated for construction projects that are "shovel-ready".

While it is premature to know exactly what the final Congressional economic stimulus package may contain, the CT Department of Public Health is announcing our expectation that additional funds will be available in 2009 to provide low interest loans to eligible public water systems for sustainable infrastructure projects. These funds will increase the funding available for applicants responding to the DWS's current Call for 2009 DWSRF Projects. To respond to this call for projects applicants must submit a DWSRF Eligibility Application and a General Application Form no later than February 17, 2009. We are urgently requesting all eligible public water systems to submit these applications for all of their eligible drinking water projects. EPA has indicated that construction projects that are designed, have received all local approvals to move forward and are ready for construction contract bidding should be given priority for financing with the anticipated economic stimulus funds.

For information on the DWSRF program do not hesitate to contact Cameron Walden of the DWS (860) 509-7333.

Attachment D

March 25, 2009

IMPORTANT ANNOUNCEMENT - American Recovery and Reinvestment Act of 2009 - Drinking Water State Revolving Fund Call for Projects - Deadline Extension until April 7, 2009

On February 17, 2009 the American Recovery and Reinvestment Act of 2009 (ARRA) was signed into law. The Connecticut Department of Public Health (DPH) has applied to the United States Environmental Protection Agency (USEPA) for a \$19.5 million capitalization grant under ARRA Title VII entitled State and Tribal Assistance Grants. The grant will be used to provide low interest loans and subsidies to finance public drinking water infrastructure projects that will be ready to proceed to construction (i.e. shovel-ready) prior to February 17, 2010. Under the provisions of the ARRA at least 50% of the capitalization grant (\$9.75 million) must be used to subsidize eligible construction projects. ARRA eligibility requirements will follow the existing eligibility requirements of the DPH's base [Drinking Water State Revolving Fund](#) (DWSRF) Program; however, awards will be based on projects ready to proceed as described below in greater detail.

In anticipation of the ARRA, the DPH announced to all community public water systems on January 22, 2009 that the [Call for 2009 DWSRF projects](#) was going to be extended until February 17, 2009 to allow public water systems to submit eligibility applications for this additional ARRA funding. It has come to our attention that many public water systems were not anticipating that subsidization money would be available under the ARRA and as a result did not respond to the January 22 call for projects. As a result, the DPH will allow an additional two weeks until April 7, 2009 for public water systems to submit eligibility applications to the DPH. **To respond to this call for additional projects, applicants must submit a [DWSRF Eligibility Application](#) and a [General Application Form](#) no later than 3:00pm on April 7, 2009.** Public Water Systems that have already responded to DPH's earlier call for projects do not need to submit these applications again.

The following sections describe specific criteria and the latest requirements that will apply to projects funded under the ARRA. For information on the ARRA or the DWSRF program do not hesitate to contact Cameron Walden of the DWS (860) 509-7333.

Priority for Projects Ready to Proceed to Construction in 12 months and Preference for Expeditious Projects: The ARRA requires that priority be given to projects that will be ready to proceed to actual construction within 12 months of the February 17, 2009 date of enactment. ARRA Section 1602 requires that recipients shall give preference to activities that can be started and completed expeditiously, including a goal of using at least 50% of the funds for activities that can be initiated not later than 120 days after enactment of the ARRA. The CTDPH intends to incorporate construction readiness, Green Project Reserve (GPR) goals and the traditional priority point criteria in the base

DWSRF Program to develop the ARRA Project Priority List starting with projects that, to the best of our knowledge, are able to initiate construction prior to June 17, 2009.

Green Project Reserve (GPR): The ARRA requires that, to the extent there are sufficient eligible project applications, not less than 20% of the funds shall be used for projects to address green infrastructure, water or energy efficiency improvements or other environmentally innovative activities. Projects may qualify in whole or in part, however only the portions of a project that contributes towards these goals can be counted towards the overall 20% GPR requirement. PWSs responding to this call for projects are encouraged to complete the [Green Project Information Form](#) so that the DPH can determine if the project qualifies towards meeting this goal. This form is not required for projects to be eligible for financial assistance from the ARRA, however it must be submitted in order for a project to qualify towards the 20% GPR goal.

Construction Loans Only: Due to emphasis within the ARRA for funds to be committed to “shovel-ready” construction projects, financial assistance will only be offered for the construction portion of a project. Design and planning elements of projects will not be eligible for financial assistance with ARRA funds. However, these costs may be eligible for reimbursement under the base DWSRF Program in the form of a low interest loan only. Financial assistance applicants are encouraged to use other funding sources for planning and design elements of projects and, if necessary, seek reimbursement at a later date from the base DWSRF Program. Applicants planning to seek reimbursement from the base DWSRF Program should consult with the CTDPH Drinking Water Section’s DWSRF Program to ensure that all necessary professional service procurement requirements are followed.

Buy American: None of the funds appropriated or otherwise made available by the ARRA may be used for a project for the construction, alteration, maintenance, or repair of a public building or public work unless all of the iron, steel, and manufactured goods used in the project are produced in the United States.

Davis Bacon Act Wage Requirements: Notwithstanding any other provision of law and in a manner consistent with other provisions in the ARRA, all laborers and mechanics employed by contractors and subcontractors on projects funded directly by or assisted in whole or in part by and through the Federal Government pursuant to this ARRA shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code. With respect to the labor standards specified in this section, the Secretary of Labor shall have the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267)

Refinancing: Funds appropriated under the ARRA may not be used to provide assistance for the purpose of purchasing or refinancing municipal debt or restructuring outstanding DWSRF loans unless the initial debt was incurred on or after October 1, 2008. Congress has stated as a goal of providing these funds that funds should be used in a manner that maximizes job creation and economic benefit, and therefore, EPA encourages States to use the funds in such a manner to meet this goal. Eligible refinancing projects must meet the requirements of the ARRA and must be consistent with objectives of the ARRA.

Projects ranked 1 through 11 are proposed to receive ARRA funding

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
1	ARRA	115	CT1090031	CTWC - GALLUP WATER SERVICE, INC.	PLAINFIELD	2538	DWSRF - interconnection to Harrington MHP	\$300,000	17-Jun-09			\$169,492	TBD	up to 20 years
2	ARRA	100	CT1180013	BARLOW MOUNTAIN & SCOTLAND ELEM SCHOOLS	RIDGEFIELD	1000	DWSRF - water main extension for consolidation	\$1,450,000	22-May-09			\$819,209	TBD	up to 20 years
3	ARRA	85	CT1160011	PUTNAM WATER POLLUTION CONTROL AUTHORITY	PUTNAM	7300	DWSRF - Park St. Well Field Expansion	\$3,230,000	30-Mar-09			\$1,824,860	TBD	up to 20 years
4	ARRA	75	CT0189043	BROOKFIELD MUNICIPAL BLDGS	BROOKFIELD	485	DWSRF water main - Silvermine Road	\$2,271,000	15-Jun-09			\$1,283,051	TBD	up to 20 years
5	ARRA	50	CT0450011	EAST LYME WATER & SEWER COMMISSION	EAST LYME	15245	DWSRF - System Wide Chlorine Disinfection	\$1,241,000	15-Jun-09			\$701,130	TBD	up to 20 years
6	ARRA	30	CT1423011	TOLLAND WATER DEPARTMENT	TOLLAND	1251	DWSRF- Consolidation (Absorption of Torrey Rd PWS)	\$300,000	15-Apr-09			\$169,492	TBD	up to 20 years
7	ARRA	25	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- RF Automated Meter Reading Sys & Meter Repl - Phase II	\$5,950,000	01-May-09	\$5,950,000	W	\$3,361,583	TBD	up to 20 years
8	ARRA	20	CT1680031	WOODLAKE TAX DISTRICT	WOODBURY	912	DWSRF - new wells & associated work	\$495,650	01-May-09			\$280,028	TBD	up to 20 years
9	ARRA	20	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Fitch Hill storage tank repair & paint	\$613,000	04-May-09			\$346,328	TBD	up to 20 years
10	ARRA	20	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Fairview Res. storage tank repair & painting, pump station upgrades	\$598,000	04-May-09			\$337,853	TBD	up to 20 years
11	ARRA/ DWSRF	15	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Globe Hollow WTP Improvements	\$12,483,000	16-Mar-09			\$456,978	TBD	up to 20 years
12	DWSRF	15	CT0790051	BIRCHWOOD ESTATES WATER ASSOCIATION, INC	MARLBOROUGH	372	DWSRF - install meters	\$150,000	15-Apr-09	\$150,000	W		TBD	up to 20 years
13	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Mid Franklin 2 (water main replace George St Hartford)	\$242,650	15-Apr-09				TBD	up to 20 years
14	DWSRF	15	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Hercules Dr Booster Pump Stn	\$400,000	15-Apr-09				TBD	up to 20 years
15	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main Brookfield St Phase I., Hartford (North)	\$4,490,000	01-May-09				TBD	up to 20 years
16	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Lawrence St., Hartford, Water Main Repl	\$174,000	15-May-09				TBD	up to 20 years
17	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - replace insertion (gate) valves	\$520,000	15-May-09				TBD	up to 20 years
18	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main replace Tower Ave area Hartford	\$3,246,250	15-May-09				TBD	up to 20 years
19	DWSRF	15	CT1510011	WATERBURY WATER DEPARTMENT	WATERBURY	107271	DWSRF- WTP Disinfection Improv'ts	\$900,000	15-May-09				TBD	up to 20 years
20	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main replace - Cedar St. Hartford	\$747,500	06-Jun-09				TBD	up to 20 years
21	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main replace-Mansfield St., Htfd	\$1,840,000	15-Jun-09				TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
22	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main replacement-various	\$4,000,000	15-Jun-09				TBD	up to 20 years
23	DWSRF	10	CT0590031	NOANK FIRE DISTRICT	GROTON	1947	DWSRF - Water Mains, Valve, & Hydrant Repl.; Distr. Meters	\$1,343,852	15-Dec-08				TBD	up to 20 years
24	DWSRF	10	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Highview Pump Station Replacement, EH	\$1,600,000	15-Apr-09	\$1,142,000	E		TBD	up to 20 years
25	DWSRF	10	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Mountain Rd. pump station improvements WH	\$1,000,000	15-Apr-09	\$690,000	E		TBD	up to 20 years
26	DWSRF	10	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Canal St. Storage Tank No. 2, W. Hartford	\$1,600,000	15-Apr-09				TBD	up to 20 years
27	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Gaillard WTP West Generator Repl.	\$2,450,000	17-Dec-08				TBD	up to 20 years
28	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Grassy Hill Tank Replacement	\$1,940,000	23-Feb-09				TBD	up to 20 years
29	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Branford Water Main Cleaning & Lining	\$3,925,000	13-Apr-09				TBD	up to 20 years
30	DWSRF	5	CT1680031	WOODLAKE TAX DISTRICT	WOODBURY	912	DWSRF- Atmospheric Storage Tank	\$616,800	01-May-09				TBD	up to 20 years
31	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Mill Rd Water Main Ext & Interconn	\$600,000	06-May-09				TBD	up to 20 years
32	DWSRF	5	CT0170011	BRISTOL WATER DEPARTMENT	BRISTOL	52079	DWSRF- Old Wolcott Rd Water Storage Tank Improv'ts	\$340,000	15-May-09				TBD	up to 20 years
33	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Seymour Wellfield Transfer Switch	\$380,000	11-Jun-09				TBD	up to 20 years
34	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Water Main Install - Burnside Ave., E. Htfd	\$402,500	15-Jun-09				TBD	up to 20 years
35	DWSRF	25	CT0950011	NEW LONDON DEPT. OF PUBLIC UTILITIES	NEW LONDON	26273	DWSRF - water main replacements & improvements	\$3,938,000	30-Mar-09				TBD	up to 20 years
36	DWSRF	55	CT0450011	EAST LYME WATER & SEWER COMMISSION	EAST LYME	15245	DWSRF - Emergency Interconnection with Waterford	\$9,582,526	15-Apr-09				TBD	up to 20 years
37	DWSRF	50	CT0950011	NEW LONDON DEPT. OF PUBLIC UTILITIES	NEW LONDON	26273	DWSRF - Lake Konomoc intake pump station	\$6,240,000	15-Apr-09				TBD	up to 20 years
38	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - trans main replace Farmington Ave. 1A Htfd	\$4,997,000	15-Apr-09				TBD	up to 20 years
39	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Silvermine Rd and Valley Rd New Transmission Pipeline	\$4,700,000	13-May-09				TBD	up to 20 years
40	DWSRF	65	CT0261021	DENLAR APARTMENTS - BUILDING 17	CHESTER	36	DWSRF - arsenic treatment & new well	\$90,321	15-May-09				TBD	up to 20 years
41	DWSRF	60	CT0450011	EAST LYME WATER & SEWER COMMISSION	EAST LYME	15245	DWSRF - well development - Darrow Pond	\$470,201	15-May-09				TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
42	DWSRF	40	CT1340032	JOHNSON MEMORIAL HOSPITAL, INC	STAFFORD	250	DWSRF - system imprvmts - uranium treatment	\$575,000	15-May-09				TBD	up to 20 years
43	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Tranmission Main Valve Replacement	\$350,000	22-May-09				TBD	up to 20 years
44	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Capen St. Water Main Replacement	\$899,150	01-Jun-09				TBD	up to 20 years
45	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Undersized Water Main Replacements	\$2,400,000	04-Jun-09				TBD	up to 20 years
46	DWSRF	65	CT0229031	CAMPBELL HEIGHTS APARTMENTS - SYSTEM #2	CANTERBURY	36	DWSRF - system consolidation & improvements	\$191,800	10-Jun-09				TBD	up to 20 years
47	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Water Main Ext to Loop Piping	\$1,800,000	11-Jun-09				TBD	up to 20 years
48	DWSRF	60	CT0450011	EAST LYME WATER & SEWER COMMISSION	EAST LYME	15245	DWSRF - Replace Well 3B, Bride Brook Road	\$963,000	15-Jun-09				TBD	up to 20 years
49	DWSRF	30	CT0672031	CTWC - HEBRON CENTER DIVISION	HEBRON	1728	DWSRF - water main ext. Church St Rt.85	\$480,000	15-Jun-09				TBD	up to 20 years
50	DWSRF	15	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Water Main Replacements in Various Towns	\$4,262,700	15-Jun-09				TBD	up to 20 years
51	DWSRF	20	CT0608011	CTWC - SHORELINE REGION-GUILFORD SYSTEM	GUILFORD	33143	DWSRF - water main ext. Brookwood Dr & Oakridge Dr.- Westbrook	\$2,500,000	17-Jun-09				TBD	up to 20 years
52	DWSRF	5	CT0210011	CANAAN WATER DEPT	CANAAN	484	DWSRF- Beebe Hill Rd Storage Tank Repl.	\$350,000	30-Jun-09				TBD	up to 20 years
53	DWSRF	100	CT0081011	BETHANY MOBILE HOME PARK	BETHANY	138	DWSRF - connect wells, new tank & pumps	\$320,000	01-Jul-09				TBD	up to 20 years
54	DWSRF	30	CT0390212	EASTFORD ELEMENTARY SCHOOL	EASTFORD	225	DWSRF - new well	\$25,000	01-Jul-09				TBD	up to 20 years
55	DWSRF	20	CT0340011	DANBURY WATER DEPT	DANBURY	62000	DWSRF- Cornell Hills Area Water & Sanitary Sewer	\$1,500,000	01-Jul-09	\$30,000	W		TBD	up to 20 years
56	DWSRF	15	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Glastonbury Pump Station	\$400,000	01-Jul-09				TBD	up to 20 years
57	DWSRF	10	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF - Main St. Water Booster Pump Station	\$710,000	01-Jul-09				TBD	up to 20 years
58	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Transmission gate valve replacement	\$2,000,000	01-Jul-09				TBD	up to 20 years
59	DWSRF	5	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Cleaning & Lining Water Mains CL-8	\$1,500,000	01-Jul-09				TBD	up to 20 years
60	DWSRF	5	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Tank Painting (Birch Mtn & J.C. Penney)	\$314,000	01-Jul-09				TBD	up to 20 years
61	DWSRF	5	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF - French St. & Gilbert Ln Interzone Intercon	\$35,000	01-Jul-09				TBD	up to 20 years
62	DWSRF	485	CT0189043	BROOKFIELD MUNICIPAL BLDGS	BROOKFIELD	485	DWSRF - water main ext. southern Federal Rd.	\$3,200,000	15-Jul-09				TBD	up to 20 years
63	DWSRF	40	CT0090011	BETHEL WATER DEPT	BETHEL	9507	DWSRF - new water storage tank	\$500,000	15-Jul-09	\$35,000	E		TBD	up to 20 years
64	DWSRF	10	CT0780021	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS	MANSFIELD	13027	DWSRF - Standpipe replacement	\$1,900,000	15-Jul-09				TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
65	DWSRF	10	CT0780021	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS	MANSFIELD	13027	DWSRF - Chem treatment replace-Willimantic River wellfield	\$2,610,000	15-Jul-09				TBD	up to 20 years
66	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Gaillard WTP Fuel Cell	\$1,800,000	15-Jul-09	\$2,200,000	E		TBD	up to 20 years
67	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Gaillard WTP Filter Media Replacement	\$2,500,000	15-Jul-09				TBD	up to 20 years
68	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - W Htfd WTP - storage basin interconnection	\$2,300,000	15-Jul-09				TBD	up to 20 years
69	DWSRF	5	CT0770021	MANCHESTER WATER DEPARTMENT	MANCHESTER	51066	DWSRF- Lydall Dam Reservoir	\$460,000	15-Jul-09				TBD	up to 20 years
70	DWSRF	5	CT0830011	MIDDLETOWN WATER DEPARTMENT	MIDDLETOWN	41019	DWSRF- Westfield Water Main Ext. & Press. Zone Reconfig.	\$3,300,000	15-Jul-09				TBD	up to 20 years
71	DWSRF	5	CT1310011	SOUTHINGTON WATER DEPARTMENT	SOUTHINGTON	40408	DWSRF- Water Main Replacement at Various Locations	\$2,212,600	15-Jul-09				TBD	up to 20 years
72	DWSRF	5	CT0780021	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS	MANSFIELD	13027	DWSRF - water main Towers to Glenbrook & N Eagleville Rds	\$785,000	15-Jul-09				TBD	up to 20 years
73	DWSRF	15	CT0890011	NEW BRITAIN WATER DEPARTMENT	NEW BRITAIN	73164	DWSRF- Guard Rail Installation at Shuttle Meadow & Wasel Reservoirs	\$71,200	27-Jul-09				TBD	up to 20 years
74	DWSRF	5	CT0590011	GROTON UTILITIES	GROTON	30200	DWSRF- Drozdyk Drive Water Main Repl.	\$820,000	31-Jul-09				TBD	up to 20 years
75	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Transmission Pipe Cleaning & Lining	\$5,000,000	14-Aug-09				TBD	up to 20 years
76	DWSRF	70	CT1691171	HYDE SCHOOL - SYSTEM #2 (RESIDENTIAL)	WOODSTOCK	310	DWSRF - Arsenic removal & other improvements	\$509,250	15-Aug-09				TBD	up to 20 years
77	DWSRF	15	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - main replacements	\$33,000,000	15-Aug-09	\$33,000,000	W		TBD	up to 20 years
78	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main relocate - Burton Rd., Hartford	\$575,000	15-Aug-09				TBD	up to 20 years
79	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main Oak St north EH to Glastonbury	\$4,691,520	15-Aug-09				TBD	up to 20 years
80	DWSRF	5	CT0910011	AQUARION WATER CO OF CT-BALL POND SYS	NEW FAIRFIELD	792	DWSRF- Generator Installation	\$200,000	17-Aug-09				TBD	up to 20 years
81	DWSRF	40	CT1370011	AQUARION WATER CO OF CT-MYSTIC	STONINGTON	11520	DWSRF- Lantern Hill Well Improvements	\$300,000	24-Aug-09				TBD	up to 20 years
82	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Transite Pipe Water Main Replacement	\$6,700,000	24-Aug-09				TBD	up to 20 years
83	DWSRF	10	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Spring Hill Pump Stn & Tank Rehab	\$800,000	31-Aug-09				TBD	up to 20 years
84	DWSRF	375	CT0429031	EAST HAMPTON WPCA - VILLAGE CENTER	EAST HAMPTON	366	DWSRF- System Improvements	\$5,891,040	01-Sep-09				TBD	up to 20 years
85	DWSRF	15	CT0150011	AQUARION WATER CO OF CT-MAIN SYSTEM	BRIDGEPORT	341421	DWSRF - Green wind energy system-Lindley Op Ctr-Bridgeport	\$45,000	01-Sep-09	\$45,000	E		TBD	up to 20 years
86	DWSRF	15	CT0070021	BERLIN WATER CONTROL COMMISSION	BERLIN	5128	DWSRF - Woodlawn Rd Tank improvements & system automation	\$500,000	01-Sep-09	\$500,000	E		TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
87	DWSRF	50	CT0727051	LEDYARD WPCA, GALES FERRY SYSTEM	LEDYARD	2054	DWSRF - Water Main Ext. to Aljen Heights	\$9,950,000	15-Sep-09				TBD	up to 20 years
88	DWSRF	40	CT1140471	STRAWBERRY PARK	PRESTON	950	DWSRF - infrastructure improvements	\$1,400,000	15-Sep-09				TBD	up to 20 years
89	DWSRF	20	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Waterbury and Edge Comb Rds, Cheshire, Main Ext.	\$415,000	15-Sep-09				TBD	up to 20 years
90	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Whitney WTP Sulfuric Piping Replacement	\$50,000	15-Sep-09				TBD	up to 20 years
91	DWSRF	5	CT1130011	PORTLAND WATER DEPARTMENT	PORTLAND	5010	DWSRF - Water Main Replacement - High Street	\$647,500	15-Sep-09				TBD	up to 20 years
92	DWSRF	5	CT1130011	PORTLAND WATER DEPARTMENT	PORTLAND	5010	DWSRF - Water Storage Tanks - Improvements & Replac	\$895,000	15-Sep-09				TBD	up to 20 years
93	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Security Enhancements	\$225,000	23-Sep-09				TBD	up to 20 years
94	DWSRF	5	CT0590011	GROTON UTILITIES	GROTON	30200	DWSRF- Drainage Improv'ts at Sudol's Pond	\$169,000	30-Sep-09				TBD	up to 20 years
95	DWSRF	20	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - filter backwash process evaluation	\$522,000	01-Oct-09				TBD	up to 20 years
96	DWSRF	10	CT0150011	AQUARION WATER CO OF CT-MAIN SYSTEM	BRIDGEPORT	341421	DWSRF- Brookside Pump Station Rehabilitation	\$870,000	01-Oct-09				TBD	up to 20 years
97	DWSRF	15	CT0890011	NEW BRITAIN WATER DEPARTMENT	NEW BRITAIN	73164	DWSRF- Water Main Repl. - Beaver St.	\$210,878	05-Oct-09				TBD	up to 20 years
98	DWSRF	25	CT1661423	WOLCOTT WATER DEPARTMENT	WOLCOTT	2200	DWSRF- Water Main Ext. to Wolcott High School	\$900,000	15-Oct-09				TBD	up to 20 years
99	DWSRF	15	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Deep River Res. Pumps & drives upgrades	\$643,425	15-Oct-09	\$623,425	E		TBD	up to 20 years
100	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Rte 44 / Albany Ave Storm	\$3,910,000	15-Oct-09				TBD	up to 20 years
101	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Seymour Wellfield Conduit Replacement	\$284,000	15-Oct-09				TBD	up to 20 years
102	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Oak St (south), EH to Glastonbury, Water Main Install.	\$3,000,000	15-Oct-09				TBD	up to 20 years
103	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Cold Spring Dr., Bloomfield Water Main Repl	\$1,500,000	15-Oct-09				TBD	up to 20 years
104	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Filter Plant Secondary Generator	\$100,000	27-Oct-09				TBD	up to 20 years
105	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main replace - Brookfield St. Htfd phase 2 (South)	\$3,703,000	01-Nov-09				TBD	up to 20 years
106	DWSRF	5	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF- Pineridge Dr. to Grand Oak Villa Water Main	\$59,000	01-Nov-09				TBD	up to 20 years
107	DWSRF	65	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Simsbury Rd (Bloomfield) Pump Stn Improv'ts	\$1,045,000	15-Nov-09				TBD	up to 20 years
108	DWSRF	15	CT1510011	WATERBURY WATER DEPARTMENT	WATERBURY	107271	DWSRF- Blackman Rd Tank Rehabilitation	\$750,000	15-Nov-09				TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
109	DWSRF	10	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF- Uplands Rd, Glastonbury, Pump Stn Improv'ts	\$655,500	15-Nov-09				TBD	up to 20 years
110	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Gaillard Backwash Pump No. 1 Replacement	\$88,000	15-Nov-09				TBD	up to 20 years
111	DWSRF	5	CT0570011	AQUARION WATER CO OF CT-GREENWICH SYSTEM	GREENWICH	39747	DWSRF- Havemeyer Pump Station Upgrade	\$500,000	15-Nov-09				TBD	up to 20 years
112	DWSRF	5	CT1180011	AQUARION WATER CO OF CT-RIDGEFIELD SYS	RIDGEFIELD	7766	DWSRF- New Storage Tank	\$100,000	15-Nov-09				TBD	up to 20 years
113	DWSRF	5	CT1661423	WOLCOTT WATER DEPARTMENT	WOLCOTT	2200	DWSRF- Water Main Ext. to Tosun Rd	\$400,060	15-Nov-09				TBD	up to 20 years
114	DWSRF	15	CT0150011	AQUARION WATER CO OF CT-MAIN SYSTEM	BRIDGEPORT	341421	DWSRF- White Hills Pump Station Upgrade	\$920,000	16-Nov-09				TBD	up to 20 years
115	DWSRF	5	CT1030011	NORWALK FIRST TAXING DISTRICT	NORWALK	40256	DWSRF- Pumphouse Bldg Expansion & Chem Equip't Modification	\$150,000	24-Nov-09				TBD	up to 20 years
116	DWSRF	15	CT1510011	WATERBURY WATER DEPARTMENT	WATERBURY	107271	DWSRF- Residuals Removal Upgrade	\$1,800,000	30-Nov-09				TBD	up to 20 years
117	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF trans. main Farmington Ave., West Hartford	\$930,000	01-Dec-09				TBD	up to 20 years
118	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - Reservoir #6 WTP Upgrade Phase II	\$2,300,000	15-Dec-09				TBD	up to 20 years
119	DWSRF	5	CT0150011	AQUARION WATER CO OF CT-MAIN SYSTEM	BRIDGEPORT	341421	DWSRF Canal St. Treatment Plant Upgrade	\$584,290	15-Dec-09				TBD	up to 20 years
120	DWSRF	5	CT1240011	AQUARION WATER CO OF CT-VALLEY SYSTEM	SEYMOUR	14815	DWSRF- Oxford Wellfield Centralized Treatment	\$1,730,000	15-Dec-09				TBD	up to 20 years
121	DWSRF	20	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Moss Farm Rd Water Main Ext.	\$165,000	31-Dec-09				TBD	up to 20 years
122	DWSRF	5	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Burwell Hill Pump Stn Motor Drive Replacement	\$138,000	15-Jan-10	\$138,000	E		TBD	up to 20 years
123	DWSRF	55	CT0180071	GREENRIDGE TAX DISTRICT	BROOKFIELD	912	DWSRF- Interconnection with Newtown	\$3,400,000	01-Feb-10				TBD	up to 20 years
124	DWSRF	5	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF- Lovley Dr to Bunker Hill Rd Water Main	\$680,000	10-Feb-10				TBD	up to 20 years
125	DWSRF	15	CT0590011	GROTON UTILITIES	GROTON	30200	DWSRF- Water Treatment Plant Improvements	\$37,000,000	15-Feb-10				TBD	up to 20 years
126	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Brenway Dr., West Hartford	\$764,000	01-Mar-10				TBD	up to 20 years
127	DWSRF	5	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF- Jericho Rd Water Main	\$720,000	01-Mar-10				TBD	up to 20 years
128	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main Montclair Dr., West Hartford	\$1,521,000	10-Mar-10				TBD	up to 20 years
129	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Olds Pl., Hartford	\$158,000	15-Mar-10				TBD	up to 20 years
130	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF - water main Garden St., Hartford	\$342,000	15-Mar-10				TBD	up to 20 years

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
131	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Granby St. area, Hartford	\$360,000	15-Mar-10				TBD	up to 20 years
132	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Norwood Rd., West Hartford	\$1,262,000	15-Mar-10				TBD	up to 20 years
133	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main - Linbrook Rd., West Hartford	\$846,000	15-Mar-10				TBD	up to 20 years
134	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Rumford St., West Hartford	\$1,104,000	15-Mar-10				TBD	up to 20 years
135	DWSRF	5	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF water main Carol Rd., West Hartford	\$223,000	15-Mar-10				TBD	up to 20 years
136	DWSRF	5	CT1240011	AQUARION WATER CO OF CT-VALLEY SYSTEM	SEYMOUR	14815	DWSRF- W Church St Pump Station Rehab	\$947,000	15-Mar-10				TBD	up to 20 years
137	DWSRF	15	CT0640011	METROPOLITAN DISTRICT COMMISSION	HARTFORD	388700	DWSRF trans. Main Farmington Ave., Hartford	\$1,840,000	15-Apr-10				TBD	up to 20 years
138	DWSRF	10	CT1350011	AQUARION WATER CO OF CT-STAMFORD	STAMFORD	105460	DWSRF- N. Stamford Res. Dam & Gatehouse Rehab	\$2,300,000	15-Apr-10				TBD	up to 20 years
139	DWSRF	175	CT0610054	BRAINARD MEMORIAL LIBRARY	HADDAM	25	DWSRF - main extension for interconnection	\$3,000,000	15-Jun-10				TBD	up to 20 years
140	DWSRF	45	CT0419013	EAST HADDAM ELEMENTARY SCHOOL	EAST HADDAM	485	DWSRF - water system upgrades	\$355,000	15-Jun-10				TBD	up to 20 years
141	DWSRF	15	CT0800011	MERIDEN WATER DIVISION	MERIDEN	58441	DWSRF - improvements in Carpenter Ave. press. Zone	\$3,460,000	31-Dec-10				TBD	up to 20 years
142	DWSRF	15	CT0800011	MERIDEN WATER DIVISION	MERIDEN	58441	DWSRF - Broad Brook WPT & pump sta. improvements	\$15,085,000	15-Jun-11				TBD	up to 20 years
143	DWSRF	85	CT0960251	CANDLE HILL MHP (NORTH)	NEW MILFORD	138	DWSRF - system imprvmnts (well, tank, pumps)	\$270,000					TBD	up to 20 years
144	DWSRF	20	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Stony Brook backwash filter recycle - Construction	\$1,597,000		\$1,597,000	W		TBD	up to 20 years
145	DWSRF	20	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Deep River filter backwash recycle - Construction	\$1,413,700		\$1,413,700	W		TBD	up to 20 years
146	DWSRF	20	CT0189043	BROOKFIELD MUNICIPAL BLDGS	BROOKFIELD	485	DWSRF - meter pit Elbow Hill Rd. & Federal Rd.	\$100,000					TBD	up to 20 years
147	DWSRF	5	CT0280011	COLCHESTER SEWER & WATER COMMISSION	COLCHESTER	4001	DWSRF - Rt. 85 water main replacement & ext.	\$700,000					TBD	up to 20 years
148	DWSRF	5	CT0280011	COLCHESTER SEWER & WATER COMMISSION	COLCHESTER	4001	DWSRF - Rt. 85 water main replacement	\$250,000					TBD	up to 20 years
149	DWSRF	5	CT0280011	COLCHESTER SEWER & WATER COMMISSION	COLCHESTER	4001	DWSRF - Well #4 treatment plant improvements	\$100,000					TBD	up to 20 years
150	DWSRF	5	CT0280011	COLCHESTER SEWER & WATER COMMISSION	COLCHESTER	4001	DWSRF - water main ext. Rt.637/Lake Hayward Rd.	\$900,000					TBD	up to 20 years
151	DWSRF	5	CT1661423	WOLCOTT WATER DEPARTMENT	WOLCOTT	2200	DWSRF- Water Main Rehab on Woodtick Rd	\$250,000					TBD	up to 20 years
	Ineligible ⁴	0	CT0473011	CTWC - NORTHERN REG-WESTERN SYSTEM	EAST WINDSOR	74686	DWSRF- Old Post Rd. Water Main Ext.	\$350,000	15-Jul-09					

Rank	Funding Source ¹	Points	PWSID	PWS Name	Base City of PWS	Population Served by Entire System	Project Name	Amount Requested	Estimated Construction Start Date	Green Project Reserve Amount ²	Green Project Type	Estimated Subsidization Amount	Interest Rate ³	Repayment Terms ³
	Ineligible ⁴	0	CT0690011	CTWC - CRYSTAL WATER COMPANY	KILLINGLY	6378	DWSRF- Water Main Ext & Pump Stn - new high school-INELIGIBLE	\$2,852,500	17-Jun-09					
	Ineligible ⁴	0	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF- Sylvan Lake Road Water Main Ext.	\$100,000	01-Jun-09					
	Ineligible ⁴	0	CT1530021	WATERTOWN WATER & SEWER AUTHORITY	WATERTOWN	9972	DWSRF- Ledge Rd to Echo Lake Rd Water Main	\$140,000	01-Jun-09					
	Ineligible ⁴	0	CT0950011	NEW LONDON DEPT. OF PUBLIC UTILITIES	NEW LONDON	26273	DWSRF - Impvmnts to Barnes Res&Beckwith Pond Dams	\$465,000	30-Mar-09					
	Ineligible ⁴	0	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Lake Gaillard Pump Stn Fuel Oil System	\$218,000	11-Mar-09					
	Ineligible ⁴	0	CT1601021	LYON MANOR,INC.	WILLINGTON	40	DWSRF - Water Main Extension to Lyon Manor	\$75,490	15-Dec-08					
	Ineligible ⁴	0	CT0280011	COLCHESTER SEWER & WATER COMMISSION	COLCHESTER	4001	DWSRF - Cabin Rd. water main extension	\$575,000						
	Ineligible ⁴	0	CT0400031	TURKEY HILL OF EAST GRANBY, LLC	EAST GRANBY	360	DWSRF - arsenic treatment & system expansion	\$315,000						
	Ineligible ⁴	0	CT0780021	UNIVERSITY OF CONNECTICUT - MAIN CAMPUS	MANSFIELD	13027	DWSRF - Steam & condensate system improvements -INELIGIBLE	\$3,910,000						
	Ineligible ⁴	0	CT0800011	MERIDEN WATER DIVISION	MERIDEN	58441	DWSRF - Broad Brook heating system upgrade - INELIGIBLE	\$300,000						
	Ineligible ⁴	0	CT0800011	MERIDEN WATER DIVISION	MERIDEN	58441	DWSRF - Electrical upgrade - Platt & Lincoln wellhouses - INELIGIBLE	\$90,000						
	Ineligible ⁴	0	CT0930011	REGIONAL WATER AUTHORITY	NEW HAVEN	418900	DWSRF- Branford Bulk Fill Station	\$40,000						
	Ineligible ⁴	0	CT1040011	NORWICH PUBLIC UTILITIES	NORWICH	36067	DWSRF - Fairview Reservoir spillway modification	\$591,800						

Footnotes:

1: Projects listed as ARRA are proposed to receive ARRA funds, provided that the project moves forward in a timely manner; these projects are also eligible to receive DWSRF funds if they do not get funded under ARRA

Projects listed as DWSRF are eligible to receive DWSRF funds, subject to funding availability, and may also be eligible to receive ARRA funding, should a project listed as ARRA not move forward in a timely manner

2: Green Components of projects not identified are to be determined

Green Project Type: E = Energy Efficiency

W = Water Efficient/Conservation

3: Interest Rate and repayment terms are determined at time that financial assistance agreement is prepared

4: Project is Ineligible for financial assistance

TBD = To Be Determined

ARRA = American Recovery and Reinvestment Act of 2009

DWSRF = Drinking Water State Revolving Fund

PWS = Public Water System

Attachment F
STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

FFY 2009 ARRA GREEN PROJECT INFORMATION FORM

The Federal American Recovery and Reinvestment Act of 2009 (ARRA) requires a minimum amount of funding be used toward Green Infrastructure, Energy Efficiency, Water Efficiency, or other Environmentally Innovative activity. To ensure that this requirement is met, applicants are encouraged to provide additional information about their project if they wish it to be considered to have a green component.

In many instances, a Business Case is required for justification to consider an item or activity “green”. The US Environmental Protection Agency (EPA) has provided guidance, included on pages 2 – 4 of this document, for help in evaluating the green elements of a project. For each project that will incorporate a “green” component(s), complete this cover sheet and appropriate page(s), as noted below.

PWS Name: _____ PWSID: _____

Project Name: _____ Project #: _____
(as assigned by DPH – refer to project list on web)

Total Estimated Project Cost: \$ _____

Type of “Green” Element(s) included in this project. For each box that is checked the corresponding page of this form must be completed and submitted with this cover page. Attach additional pages as necessary:

- Green Infrastructure (G) – Complete Page 5
- Energy Efficiency (E) – Complete Page 6
- Water Efficiency (W) – Complete Page 7
- Other Environmentally Innovative Activity (O) – Complete Page 8
- None of the above included with project (do not need to submit any additional pages)

Completed by:

Name: _____ Title: _____
(please print)

Signature: _____ Date: _____

For additional ARRA information, go to the DPH-Drinking Water Section website: www.ct.gov/dph/publicdrinkingwater

For DPH use only:

Project #: _____

DWSRF #: _____

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

EPA has provided the following guidance on the Green Project Reserve for eligible drinking water projects that are eligible for funding.

DWSRF Project Descriptions and Examples for Green Project Reserve

The ARRA requires that, to the extent there are eligible project applications, a State shall use 20% of its DWSRF capitalization grant under the ARRA for green infrastructure projects to address water and energy efficiency improvements or other environmentally innovative activities. EPA is referring to this provision as creating a Green Infrastructure Reserve within each DWSRF capitalization grant. This guidance provides clarification of this provision of the law and examples of projects that might be considered for assistance from the Green Project Reserve.

EPA anticipates that “water or energy efficiency” projects will likely be the principal focus of the Green Project Reserve under the DWSRF. However, there may also be projects, or components of projects, that qualify for consideration under the Green Infrastructure Reserve in the DWSRF on the basis of application of green infrastructure or being environmentally innovative.

Under the Green Project Reserve in the DWSRF both entire projects may be considered for inclusion or appropriate identifiable components of larger projects may be considered for inclusion. Whatever projects or project components are included, such projects or project components must clearly advance the objectives articulated in the specific categories discussed below.

Business Case Requirements for Counting Costs toward the 20% Reserve for Energy and Water Efficiency

There are some types of projects that clearly will qualify towards the 20% Green Project Reserve, being entirely and explicitly framed as a green infrastructure or a water or energy efficiency project. However, some types of traditional projects may also have benefits that may in some cases be counted towards the 20% Green Project requirement. For example, lower friction afforded by a new distribution pipe could reduce the energy needed to pump water through the distribution system. For such traditional projects (or portion of a project) to be counted towards the 20% requirement, the State’s project files must contain documentation that the clear business case for the project (or portion) investment includes achievement of identifiable and substantial benefits that qualify as Green Project benefits.

The required documentation could be a simple memo but must indicate the basis on which this project was judged to qualify to be counted toward the 20% requirement. Such a memo would typically include direct reference to a preliminary engineering or other planning document that makes clear that the basis upon which the project (or portion) was undertaken included identifiable and substantial benefits qualifying for the Green Project Reserve.

Although not intended to be an exhaustive list, we have identified a number of project and project-related costs below that could count toward the 20%. Examples that would require a business case are so noted.

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

Energy Efficiency:

- I.** Energy efficiency includes capital projects that reduce the energy consumption of eligible drinking water infrastructure projects
 - a. Web link to EPA’s Better Management-Energy page:
http://www.epa.gov/waterinfrastructure/bettermanagement_energy.html
 - b. Web link to EPA’s clean energy site: <http://www.epa.gov/cleanenergy/>
 - c. Clean energy includes wind, solar, geothermal, hydroelectric, and biogas combined heat and power systems.

- II.** Eligible costs associated with energy efficiency projects may include:
 - a. Planning and design activities for energy efficiency that are reasonably expected to result in a capital project are eligible.
 - b. Building activities that implement capital energy efficiency projects are eligible.
 - c. Costs associated with a utility energy audit if required as a condition of assistance

- III.** Energy efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.

- IV.** Examples of projects include, but are not limited to:
 - a. Energy efficient retrofits and upgrades to pumps and treatment processes (requires business case)
 - b. Leak detection equipment
 - c. Producing clean power for treatment systems on site (wind, solar, hydroelectric, geothermal, biogas powered combined heat and power)
 - d. Replacement or rehabilitation of distribution lines (requires business case)

Water Efficiency:

- I.** Water efficiency is the use of improved technologies and practices to deliver equal or better services with less water.
 - a. WaterSense program Focus on Utilities - <http://www.epa.gov/watersense/tips/util.htm>

- II.** Eligible costs associated with water efficiency projects may include:
 - a. Planning and design activities for water efficiency that are reasonably expected to result in a capital project.
 - b. Purchase of water efficient fixtures, fittings, equipment, or appliances
 - c. Purchase of leak detection devices and equipment
 - d. Purchase of water meters, meter reading equipment and systems, and pipe
 - e. Construction and installation activities that implement capital water efficiency projects.
 - f. Costs associated with development of a water conservation plan if required as a condition of DWSRF assistance.

- III.** Water efficiency projects can be stand alone projects. They do not need to be part of a larger capital improvement project.

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

- IV.** Examples of projects include, but are not limited to:
- a. Installation of water meters or automated meter reading systems
 - b. Retrofit or replacement of water using fixtures, fittings, equipment or appliances (can include rebate programs)
 - c. Distribution system leak detection equipment
 - d. Replacement or rehabilitation of distribution lines (requires business case)

Green Infrastructure:

- I.** Definition: Green Infrastructure includes a wide array of practices that manage wet weather to maintain and restore natural hydrology by infiltrating, evapotranspiring and capturing and using stormwater. In the context of the DWSRF, green infrastructure consists of site-specific practices, such as green roofs and porous pavement at drinking water utility facilities. In addition to managing rainfall, these green infrastructure technologies can simultaneously provide other benefits such as reducing energy demands.
- a. Green infrastructure projects can be stand alone projects. They do not need to be part of a larger capital improvement project.
 - b. Examples of projects include, but are not limited to:
 - i. Implementation of wet weather management systems for utility buildings and parking areas which include: the incremental cost of porous pavement, bioretention, trees, green roofs, and other practices that mimic natural hydrology and reduce effective imperviousness.

Environmentally Innovative Projects:

- I.** Definition: Within the context of the DWSRF program, “environmentally innovative projects” would include those that are: (1) consistent with the underlying project eligibilities of the DWSRF program; and (2) consistent with the timelines and objectives of the ARRA; and (3) that demonstrate new and/or innovative approaches to delivering service and/or managing water resources in a more sustainable way, including projects that achieve public health protection and environmental protection objectives at the least life-cycle costs,
- a. Environmentally innovative projects can be stand alone projects. They do not need to be part of a larger capital improvement project. Any project which a State wishes to qualify for funding from the Green Project Reserve on the basis of being an “Environmentally Innovative Project” would require business case documentation.
 - b. Examples of projects include, but are not limited to:
 - i. Projects, or components of projects, that enable the utility to adapt to the impacts of global climate change
 - ii. Projects, or components of projects, consistent with a “Total Water Management” planning framework; or other planning framework within which project life cycle costs (including infrastructure, energy consumption and other operational costs) are minimized.

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

GREEN INFRASTRUCTURE

PWS Name: _____

PWSID: _____

Project Name: _____

Project #: _____

(as assigned by DPH – refer to
ARRA project list on web)

Project Item: _____

Cost: _____

Business Case:

Project Item: _____

Cost: _____

Business Case:

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

ENERGY EFFICIENCY

PWS Name: _____

PWSID: _____

Project Name: _____

Project #: _____

(as assigned by DPH – refer to
ARRA project list on web)

Project Item: _____

Cost: _____

Business Case:

Project Item: _____

Cost: _____

Business Case:

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

WATER EFFICIENCY

PWS Name: _____

PWSID: _____

Project Name: _____

Project #: _____

(as assigned by DPH – refer to
ARRA project list on web)

Project Item: _____

Cost: _____

Business Case:

Project Item: _____

Cost: _____

Business Case:

STATE OF CONNECTICUT – DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER STATE REVOLVING FUND (DWSRF)
AMERICAN RECOVERY AND REINVESTMENT ACT OF 2009 (ARRA)
GREEN PROJECT INFORMATION

OTHER ENVIRONMENTALLY INNOVATIVE ACTIVITY

PWS Name: _____

PWSID: _____

Project Name: _____

Project #: _____

(as assigned by DPH – refer to
ARRA project list on web)

Project Item: _____

Cost: _____

Business Case:

Project Item: _____

Cost: _____

Business Case:

Attachment G

DEPARTMENT OF PUBLIC HEALTH

REVISED DATE

(REPLACES LEGAL NOTICE RUN ON MARCH 19TH & 20TH 2009)

NOTICE OF PUBLIC HEARING / OPEN FORUM

CONNECTICUT'S DRINKING WATER INFRASTRUCTURE IMPROVEMENT PROJECTS FUNDED UNDER THE AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) OF 2009

Due to overwhelming application demand and to the extension of the Call for Projects, the Public Hearing / Open Forum that was originally scheduled to be held on April 21, 2009 has been moved to June 1, 2009.

In conformance with the provisions of the Safe Drinking Water Act Amendments of 1996 (Public Law 104-182), the requirements of the U.S. Environmental Protection Agency Drinking Water State Revolving Fund Program Guidelines, the requirements of Title 40, Part 25, Code of Regulations in the Federal Register, Volume 44, February 16, 1979 and pursuant to Sections 22a-478(h) and 22a-482 of the Connecticut General Statutes and Sections 22a482-1 (c)(4) of the Regulations, Connecticut State Agencies, the Connecticut Department of Public Health (DPH) will hold a Public Hearing to discuss the proposed final priority list of projects eligible for funding under the American Recovery and Reinvestment Act of 2009. The proposed DRAFT Priority List of Projects and Draft Intended Use Plan (IUP) for the ARRA funds, which identifies how the funds will be distributed, will be available for review and/or for public comment on or before May 1, 2009.

The Public Hearing will be held on Monday, June 1, 2009 in Conference Room C, 470 Capitol Avenue, Hartford, CT at 10:00 a.m.

Copies of the proposed Priority List of Projects and the Draft Intended Use Plan, once the drafts are finalized, will be available for review at the Department of Public Health, Drinking Water Section, at 450 Capitol Avenue, Hartford, CT. Please call (860) 509-7333 Monday through Friday between the hours of 8:30 a.m. and 4:30 p.m. to set up an appointment to review the documents. Documents will also be available for download at www.ct.gov/dph/publicdrinkingwater on or before May 1, 2009.

Following the Public Hearing, DPH will conduct an Open Forum to give participants the opportunity to: 1) participate in an informal question and answer session on the regulatory requirements of the program, 2) obtain a copy of the Full Loan Application and other related handouts, and 3) meet with representatives from participating agencies for the program.

DPH will accept written comments on the proposed final ranking of projects as long as the comments are postmarked no later than May 29, 2009. All submissions should be directed to Theodore Dunn, Health Program Associate, Department of Public Health, Drinking Water Section, 410 Capitol Avenue, MS #51 WAT, P.O Box 340308, Hartford, CT 06134-0308.