

**State of Connecticut
Department of Environmental Protection**

Clean Water Fund

Financial Assistance Programs Municipal Water Pollution Control State Fiscal Years 2010 and 2011.

Section 1: Program Authorization and Objectives

Section 2: Meeting Future CWF Demands and Economic Benefits to the State

Section 3: Municipal Funding Programs:

Section 3a: Priority Project Program (Grant & Loan)

Section 3b: Set-Asides and Reserves

Section 3c: Collection System Improvement Program (Loan Only)

Section 3d: State-owned Facilities & Regional Studies

Section 1: Program Authorization and Objectives

Authorizations:

The purpose of this document is to present the Department of Environmental Protection's state and federal funding assistance programs for municipal and state water pollution control projects during state fiscal years 2010 (FY10: July 1, 2009 - June 30, 2010) and 2011 (FY10: July 1, 2010 - June 30, 2011). This document describes the uses of funds available under Sections 22a-446 and 22a-483 of the Connecticut General Statutes and federal funds under the Water Quality Act of 1987.

A public hearing on this document (hereafter referred to as the priority list) was held on May 11, 2010 in accordance with state and federal regulations regarding public participation. The priority list was made available to local officials, consulting engineers, and other government agencies involved with the projects prior to the hearing. All changes suggested as a result of oral and written testimony presented at the hearing were considered. After having evaluated all such comments, this final priority list was forwarded to the Commissioner of Environmental Protection for adoption.

Anticipated funding for the two-year planning period is as follows:

Unallocated previous revenue bond authorizations	\$ 113,330,244 ⁽¹⁾
Unallocated previous general obligation bond authorizations	\$ 41,544,496 ⁽¹⁾

(1) Unallocated balance as of 2/22/2010

	FY10 Funds Authorized	FY11 Funds Authorized
State General Obligation Bonds	\$ 65,000,000	\$ 14,995,976 ⁽²⁾
Federal Capitalization Grant	25,213,000	8,750,000 ⁽¹⁾
State Revenue Bonds	80,000,000	120,000,000 ⁽²⁾

(1) Anticipated grant level

(2) Public Act 10-44 reduced the general obligation bonds from \$40,000,000 to \$14,995,976 and increased the revenue bonds from \$80,000,000 to \$120,000,000. This change will be effective on 7/1/2010.

New Requirements of the Federal Capitalization Grant:

The FY10 Federal Capitalization Grant has more requirements than in previous years and those requirements are expected to be applied to the FY11 Federal Capitalization Grant as well. The requirements for FY10 are as follows:

- 20% of the grant shall be used for projects to address green infrastructure or energy efficiency;
- A minimum of 30% of the Federal Capitalization Grant shall be applied as grant;
- The Davis Bacon requirements for payment of the Federal Wage Rates apply to all projects funded on or after October 30, 2009. Prevailing wage requirements extend not only to assistance agreements funded with fiscal year 2010 appropriations, but also to all assistance agreements executed on or after Oct. 30, 2009, including agreements for projects where construction is under way.

Additional Funding from the Federal Government including Economic Stimulus or Job Creation:

If additional federal funds become available beyond the FY11 estimate of the Federal Capitalization grant or for economic stimulus or job creation, it is the Department's intention to apply those funds to projects that can meet all deadlines and requirements of the federal funding. A revision to the priority list is not planned provided there are adequate, eligible projects on the current list.

Additional Funding from the State of Connecticut for the Clean Water Fund program:

If additional state bond funds become available for the Clean Water Fund, it is the Department's intention to apply those funds first to projects that are proposed for partial funding in this Priority List. Those projects include Norwalk, Manchester and Mattabasset. Once those funds are consumed, any additional funds will be applied to combined sewer overflow projects that are ready to proceed based upon their priority points. A revision to the priority list is not planned provided there are adequate, eligible projects on the current list.

Funding Levels Based Upon Project Type:

The Clean Water Fund (CWF) program is defined by Sections 22a-475 through 22a-483 of the Connecticut General Statutes (CGS) and by regulations adopted February 19, 1992 pursuant to CGS 22a-482. The State's Clean Water Fund program provides grants equal to 20% of the eligible project costs and a loan for the remainder of the project costs to be repaid over not more than 20 years at 2% interest for most water pollution control projects. Exceptions to this are noted below.

Combined Sewer Overflow (CSO) projects receive grants equal to 50% of the eligible project costs and a loan for the remainder of the project costs to be repaid over not more than 20 years at 2% interest.

Nitrogen Removal projects receive grants equal to 30% of the project costs associated with nitrogen removal, and 20% grants on the balance of the eligible project costs. The remainder of the costs is funded with a loan to be repaid over not more than 20 years at 2% interest.

Small Community projects receive grants of 25% of the eligible project cost and a loan for the remainder of the costs to be repaid over not more than 20 years at 2% interest.

In June 2002, Public Act 02-5 was passed, creating a new opportunity for the funding of **Collection System Improvements** (referred to as the "Loan-Only Program"), by amending section 22a-478(c) of the Connecticut General Statutes (CGS) to read:

"On or after July 1, 2002, eligible water quality projects that exclusively address sewer collection system improvements may receive a loan for one hundred percent of the eligible costs and shall not receive a project grant. Any such sewer collection system improvement project shall be rated, ranked and funded separately from other water pollution control projects and shall be considered only if it is highly consistent with the state's conservation and development plan, or is primarily needed as the most cost-effective solution to an existing area-wide pollution problem and incorporates minimal capacity for growth."

Management System, Reserves, and Revisions:

This document incorporates the priority ranking systems for both water pollution control financial assistance programs: the grant-eligible priority projects and the loan-only collection system improvement projects, and includes listing of the fundable and future projects for both programs. It also incorporates the details of separate programs for funding regional studies and water pollution control projects for state-owned facilities.

In developing the fundable portion of the priority list and the intended use plan, the State has established a number of set-asides and reserves required or allowed under federal and state regulations. Reserves have been considered for:

- (a) State management assistance grant;
- (b) Small communities (decentralization management and conventional technology);
- (c) Water quality management;
- (d) State management revolving fund;
- (e) Cost increases;
- (f) Planning projects;
- (g) Design projects;
- (h) Regional septage disposal and fats, oil and grease (FOG) disposal facilities;
- (i) Infiltration/inflow sewer rehabilitation;
- (j) Regional sludge disposal facilities;
- (k) Elimination of chlorine toxicity projects or reductions of chlorine usage;
- (l) Denitrification modifications;
- (m) Rivers program;

Program Administrative Costs

The costs of administering the CWF are derived from a combination of Federal grants and state bonds. Section 35.2020(a) of the Code of Federal Regulations provides that the State may set aside from the federal capitalization grant of FY10 and FY11 a reserve not to exceed 4 percent of Title VI appropriations for the purpose of administration. In addition to these federal dollars, the state may set aside an amount not to exceed 4% of the total bonding authorization to cover the reasonable costs of administering the program. These administrative expenses are allowed in accordance with appropriate tax laws and bonding practices.

Water Quality Management

Section 604(b) of the 1987 Amendment to the Federal Act is applicable to Title VI only. This section is intended to provide a funding source to states for water quality management planning as defined by 205(j) and 303(e) of the Federal Act. The funding level is one percent of the total state allotment or \$100,000, whichever is greater. Accordingly, \$252,000 has been reserved from FY10 and \$100,000 from FY11 for this purpose.

As required by Section 22a-482-1(b) of the Regulation of State Agencies, a state priority list is established for the purpose of determining funding assistance available for sewerage projects. This list is effective upon adoption and shall remain in effect until adoption of the subsequent priority list. The intended effective period is from the date of adoption through June 30, 2011.

The priority list management system (Section 22a-482-1(c)(1) to (5) of the Regulations of State Agencies) includes sections on priority rating criteria, project ranking mechanism, order of priority funding, annual public hearing and revisions to the priority list. This management system has been adhered to in developing the state priority list.

Small Communities

The regulations adopted pursuant to C.G.S. 22a-482 require that a reserve of funds sufficient to finance the construction of at least one small community project per year be established.

Revisions to the Priority List

The Department reserves the right to evaluate the usage of funds in all of the reserves and the fundable construction projects at any time during the last six months of each fiscal year and to reallocate underutilized funds into any other reserve or construction project as determined by the Commissioner. This shall be done in accordance with the requirements of Sec. 22a-482-1 (c) (5) (Revisions to the Priority List) of the Regulations of Connecticut State Agencies.

Revisions of the project priority list may be made at any time during the funding period in accordance with public participation requirements and all other established procedures. A public hearing with appropriate notice will be held on all significant changes to the list and all parties affected by such changes will be notified directly. If the State determines that a change must be made and that such a change is not significant, or the affected municipality has been previously notified, a public hearing need not be held.

Projects will be removed from the priority list if they have been fully funded by the Clean Water Fund, if funded by any other means, if no longer eligible for funding, or if the municipality withdraws the project from consideration.

Section 2: Meeting Future CWF Demands and Economic Benefits to the State

On April 22, 2009, a revision to the FY08 – FY09 biennial Priority List was adopted for the FY09 period that increased Connecticut’s ability to meet state wastewater infrastructure needs and provide a stimulus to a sagging economy. In that revision, \$433 million of funding were available from a combination of the annual EPA capitalization grant, State general obligation and revenue bonds and a \$48 million infusion of federal funds from the American Recovery and Reinvestment Act of 2009 (ARRA). Virtually all projects “ready to go” at that time were assured CWF financing and within 10 months, \$278 million in new projects were financed. In addition, between construction cost increases and projects with complete applications at DEP, an additional \$98 million will be committed upon execution of Clean Water Fund agreements.

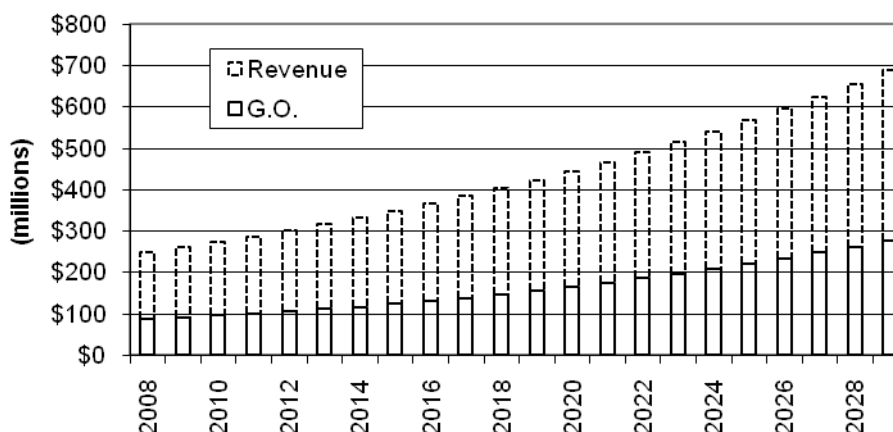
The FY08 – FY09 period set a new high for CWF allocations right at a time when the economic benefits to the State were most needed. Primary benefits included job creation or retention for the engineers, construction contractors, equipment manufacturers and construction materials suppliers as well as supporting businesses and industries. The economy also drove

down construction costs with projects over the last year bid at 70% to 80% of construction cost estimates. As a result, the CWF was able to fund more projects within the FY09 budget. Lower constructions costs resulted in a remaining FY09 balance of about \$57 million. These funds will be dedicated to completing projects that are currently under construction.

These exceptional economic conditions for the CWF came on the heels of a difficult and challenging period when limited general obligation bond authorizations led to a realization by many public officials that funding would not be available for their projects. Because of those circumstances, and concerns over ramifications for the quality of the state’s waters, Governor M. Jodi Rell requested then Commissioner Gina McCarthy to form a Clean Water Fund Advisory Work Group (CWFAWG) to assess both current conditions of the CWF and to project future needs. The Work Group published a final report, “The Clean Water Fund Dilemma: Increasing Demands with Diminishing Resources”, which estimated 20-year needs at \$4.95 billion.

The CWFAWG concluded that, to satisfy these community demands for CWF financing would require annual general obligation bond authorizations in the \$100 million range, and companion revenue bonds in the \$200 million range, for the immediate future (Figure 6 from report). The authorizations would also need to grow annually to accommodate inflation and other cost increases. This sustained level of funding would be necessary to meet the clean water expectations of Connecticut’s citizens and to address major priorities of the CWF including Combined Sewer Overflow abatement, nitrogen control to restore Long Island Sound, and reduction of phosphorus loadings to control cultural enrichment of streams throughout the state that receive wastewater discharge.

Figure 6: CWF Demands with 5% Inflation



There are also emerging issues that will likely add to the bill, but for which costs cannot be estimated at this time including:

- Control of pharmaceuticals and personal care products
- Energy saving projects and green infrastructure options
- Adaptation to address climate change effects of flooding and sea level rise

The benefits for water quality and the State's economy are considerable, and great strides have been made over the past two years because of the increased state and federal investment:

- Environmental gains from reduced Combined Sewer Overflows and nitrogen controls to restore Long Island Sound
- Creation of construction jobs through the investment of hundreds of millions of dollars in wastewater infrastructure improvements
- Reduced burden on ratepayers and taxpayers from stable, low interest financing as well as grant dollars to municipal wastewater treatment authorities
- Green infrastructure projects to reduce greenhouse gas emissions and manage runoff more effectively

Despite these recent gains and successes, the need for CWF financing continues to exceed available resources. This biennial priority list for FY10 and FY11 does not provide funding for all requests. As a result, consistent with the priority list scoring process (*See* Section 3a) and in accordance with the Regulations of Connecticut State Agencies Section 22a-482-1(c), available funding is proposed to address priority water quality areas. The priority needs of the state still remain Combined Sewer Overflow abatement required under Long Term Control Plans, and meeting the 2014 nitrogen load allocation required by the Total Maximum Daily Load for Long Island Sound.

To address these needs, this priority list does not fund projects in strict adherence to the priority point system. As has been done in previous priority lists, the department deviates from the priority point system in order to make water quality improvements in both areas. The breakdown of general obligation bonds available for projects has been distributed with approximately 40% for CSO projects, 40% for WPCF denitrification upgrades and 20% for reserves. This strategy was used for the FY06/07 and Amended FY09 priority lists and is proposed for this priority list as well. This will result in funding 39% of the CSO projects ready to proceed, fully funding two WPCF upgrades and partially funding two additional WPCF upgrades.

Section 3: Municipal Funding Programs

Section 3a: Priority Project Grant-Loan Program

Priority Project Ranking System

Regulations adopted pursuant to CGS 22a-439 and 22a-482 (Section 22a-482-1(c) of the Regulations of Connecticut State Agencies) and under 40 CFR Part 35 specify the use of a priority system for determining the funding of municipal projects. The priority system contained herein is consistent with the Water Quality Act of 1987.

The priority system and priority list include project information and point ratings which become the basis for committing available and anticipated state and federal funds. Projects on the priority list are rated on several criteria which emphasize the impact of each upon public health, the improvement of water quality and water resource utilization. Both, the federal regulations governing the development of this document, 40 CFR 35.2015 and 35.2020, and state law, CGS 22a-439 and 22a-478, stress the need to fund projects which improve "priority water quality areas", i.e. specific stream segments or bodies of water where municipal discharges have resulted in the impairment of a designated use or significant public health risk, and where the

reduction of pollution from the municipal discharges will substantially restore surface or groundwater uses. Based on the priority rating system and other specific management criteria, all anticipated eligible sewerage projects as requested by the municipalities or identified by DEP have been ranked for funding purposes and appear on the priority list. Additional projects will be added if requested by any municipality during the public comment period, including the day of the public hearing.

The priority list contains two portions: the fundable portion, consisting of those projects anticipated to be funded from any unobligated balance of prior year carry-over funds and the FY10 and FY11 allotments; and the future portion (shown in Table 1) consisting of projects that may be funded from future authorized allotments in FY12 and beyond. The priority rating score, which is developed from the priority rating system for every project, becomes the prime consideration in the overall priority list ranking. The criteria, which establish the priority rating number, are shown below, and the application of this rating system to individual projects is shown in Table 2. Note that the criteria are evaluated against existing conditions, and not against future, 20-year flow projections. In cases where the priority rating number is the same for two or more projects, preference will be given to that project ready to proceed at the earliest date.

I. Project impacts potable water supply - (10 points maximum).

- A. Impaired water supply affecting less than 25 people - 2 points.
- B. Impaired water supply affecting 26 to 100 people - 4 points.
- C. Impaired water supply affecting 101 to 1,000 people - 6 points.
- D. Impaired water supply affecting 1,001 to 5,000 people - 8 points.
- E. Impaired water supply affecting more than 5,000 people - 10 points.

II. Project is necessary for attainment of State water quality goals - (28 points maximum)

- A. Project is necessary for attainment of water quality standards where the impacted water resource is:
 - 1. Smaller than main stem of a sub-regional drainage basin or groundwater goals will be attained - 5 points.
 - 2. Main stem of sub-regional drainage basin - 10 points.
 - 3. Main stem of regional drainage basin - 15 points.
 - 4. Main stem of major drainage basin - 20 points.
 - 5. Projects which impact coastal areas are considered the equivalent of a regional drainage basin and assigned 15 points.
- B. Project will enable the water body to meet minimum dissolved oxygen standards - 8 points.

III. Project will enhance specific water resource values - (24 points maximum).

- A. Fishery resources - (6 points maximum).
 - 1. Project will improve recreational fisheries - 3 points.
 - 2. Project will improve anadromous fisheries - 6 points.
 - 3. Project will open new streams for fish stocking programs - 6 points.
- B. Shellfish resources - (6 points maximum).
 - 1. Project will lower coliform bacterial levels in the waters of shellfish beds - 3 points.

- 2. Project will open new areas for shell fishing - 6 points.
- C. Swimming - (6 points maximum).
 - 1. Project will enhance existing swimming opportunities - 3 points.
 - 2. Project will allow for new swimming opportunities - 6 points.
- D. Eutrophication - (6 points maximum).
 - 1. Project will reduce eutrophication of a lake or impoundment by diverting septic system discharges out of a drainage basin - 3 points.
 - 2. Project will reduce eutrophication of a lake or impoundment by providing nutrient removal in a municipal treatment plant or by relocating an existing treatment plant discharge - 6 points.

IV. Population equivalent (including commercial and industrial waste) initially served by the project - (12 points maximum).

- A. Less than 5,000 2 points.
- B. 5,000 but less than 10,000 4 points.
- C. 10,000 but less than 20,000 6 points.
- D. 20,000 but less than 40,000 8 points.
- E. 40,000 but less than 75,000 10 points.
- F. 75,000 or greater 12 points.

V. Health Related Issues - (6 points).

Project will eliminate ponding of sewage from failing septic systems, backup of sewage into basements, or overflow of sewage in streets (combined sewer overflow correction projects are not eligible for points).

VI. Miscellaneous (20 points maximum).

- A. Project involves the upgrading of an existing primary facility in order to comply with secondary treatment standards - 5 points.
- B. Project will result in the DEP rescinding an Order concerning a sewer connection moratorium - 5 points.
- C. Project will eliminate nuisance odors associated with treatment processes or pump stations but exclusive of large-scale expansion or upgrading of treatment facilities - 5 points.
- D. Remedial action will improve treatment plant operations where treatment standards are already being achieved (Note that projects receiving points under this category cannot also claim points under category VIII)- 5 points.

VII. Connecticut Housing Partnership Program - Development Designation

Community has received development designation - 0 points.

Public Act No. 88-305 established a Connecticut housing partnership program, and amended CGS 22a-478, requiring the Commissioner of DEP to consider the formation of a housing partnership program with a development designation as a factor in making grants and loans. However, the Department of Economic and Community Development (DECD) has discontinued the housing partnership program, and is no longer maintaining a list of qualifying communities. Therefore, the priority points for such a program have been revised from 3 (on prior lists) to zero at this time.

VIII. Implementation of Long Island Sound TMDL

All projects which are designed to meet the interim or final goals for nitrogen reduction per the Long Island Sound TMDL receive points under this criterion. In order to prioritize the projects based on net impacts to Long Island Sound, a range of 15 to 32 points, rounded to the nearest whole number, based on their equalized baseline load, was established. This is in lieu of assigning each such project the full 32 points from Categories II.A.5 (15 pts), II.B (8 pts), III.A.1 (3 pts) and III.D.2 (6 pts). Note that projects receiving points in this category will not qualify to receive points in category VII. The actual formula for determining the points for each facility under this criterion is:

$$\text{Priority Points} = 14 + (\text{equalized baseline load, in lbs/day})^{0.368}$$

Once a facility has been constructed that is designed to achieve the final 2014 nitrogen permit limit, it is no longer eligible for priority points under this criteria. This criteria constitutes a deviation from the existing regulations and has been approved by an action of the Commissioner dated February 2, 2002 and has been consistently applied over the past eight years.

Category I, II and III Projects

The priority rating system also includes a project ranking mechanism as permitted by federal and state regulations. The ranking system allows the State to put certain lower priority projects in a favorable position for funding for certain specific reasons. Any project listed in Category I, II, or III will be funded first without regard to priority points prior to funding other construction projects in order of priority points. In general, the rank of the project depends on its priority number, but the Commissioner **may**, in accordance with Clean Water Fund regulations, choose to assign a higher rank for projects which fall into one of the following categories:

Category I - Consists of projects for which:

- a financing application for design or construction was submitted to the DEP for review during the previous funding period,
- the projects were on the fundable portion of the year's priority list, and
- a CWF agreement has not been executed for the project.

These applications have undergone preliminary review, are essentially complete and represent the good faith efforts of the municipality to comply with program requirements. Funding for planning and design, initially funded by the municipality, may be recouped in the future, if the construction of the project is awarded Clean Water Fund assistance. It should be stressed that any project placed in this category must come from the fundable portion of the previous priority list.

Category II - Consists of projects where previously funded segments of pollution abatement facilities have been built and are not usable or are severely restricted in use until the remainder of the project is fully constructed and operational.

Category III - Consists of projects which remedy documented pollution of potable water supplies.

At this time, the Commissioner has chosen to select projects for funding which fit the definition of Category I. No Category II or III projects have been selected for funding.

Fundable Projects: Category I

(Applications received, but agreement not executed as of 2/22/2010)

<u>CWF #</u>	<u>Municipalities</u>	<u>Description</u>	<u>Project Cost</u>
452	Bridgeport	Combined Sewer Overflow	\$ 8,600,000
584	Brookfield	Sewer Extension	\$ 5,204,004
627	GNHWPCA	Fat, Oil, Grease Facilities at WPCF	\$ 651,200
619	MDC	Combined Sewer Overflow Design	\$ 6,000,000
579	New Hartford	WPCF Denitrification Upgrade	\$ 1,047,018
495	Norwich	Digester Upgrade	\$ 7,591,725
625	Norwich	WPCF Design	\$ 4,298,981
503	South Windsor	WPCF Denitrification Upgrade	\$ 36,138,498

Any construction project listed in Category I that has not opened bids by September 30, 2010 will be removed from this list and will not be fundable for FY10 and FY11.

Fundable FY10 Projects: Construction

(In Order of Priority Points)

<u>Pts.</u>	<u>CWF #</u>	<u>Municipalities</u>	<u>Description</u>	<u>Project Funding</u>
40	TBD	MDC	WPCF Denitrification Upgrade	\$ 54,000,000
35	619	MDC	Combined Sewer Overflow	\$ 12,738,000
33	621	Bridgeport	Combined Sewer Overflow	\$ 8,580,000

Fundable FY11 Projects: Construction

(In Order of Priority Points)

<u>Pts.</u>	<u>CWF #</u>	<u>Municipalities</u>	<u>Description</u>	<u>Project Funding</u>
44	TBD	New Haven	WPCF Denitrification Upgrade	\$ 11,000,000
40	TBD	MDC	WPCF Denitrification Upgrade	\$ 40,000,000
40	TBD	Norwalk (2)	WPCF Denitrification Upgrade	\$ 42,000,000
38	286	Manchester (2)	WPCF Denitrification Upgrade	\$ 23,000,000
36	528	Mattabassett (3)	WPCF Denitrification Upgrade	\$ 0
35	619	MDC	Combined Sewer Overflow	\$ 52,470,000
35	TBD	New Haven	Combined Sewer Overflow	\$ 10,374,000
29	TBD	Middletown	Combined Sewer Overflow	\$ 663,000

Notes:

1. TBD – Clean Water Fund number to be determined at time of agreement execution.
2. Norwalk’s and Manchester’s WPCF Denitrification Upgrades project funding represents partial funding of their project.
3. The construction schedules of all WPCF denitrification upgrade projects identified for funding in FY11 will be evaluated by January 2011. Projects that will not be under construction by 6/30/2011 will be removed from the Fundable FY11 project list, and those funds will be allocated to the denitrification project with the next highest number of priority points.

Section 3b: Set-Asides and Reserves

As previously noted, in developing the fundable portion of the priority list and the intended use plan, the State has established a number of set-asides and reserves required or allowed under federal and state regulations. These reserved funds are accessed on a first-come, first-served basis unless otherwise noted, and do not rely on a priority point score for allocation to qualifying municipalities.

<u>Reserve for cost increases</u>	FY10	\$ 6,824,000
	FY11	\$ 0

This reserve is intended for construction cost increases on previously funded projects. The FY10 funds are for Groton (\$ 2,700,000), Meriden (\$1,918,785), Point O’Woods (\$850,000) and Southington (\$1,355,000). Any cost increase for a newly bid project beyond the funding identified on this list must be funded locally and such costs may be covered under the cost increase category in a future fiscal year (2012 or later).

<u>Reserve for planning projects</u>	FY10	\$ 9,000,000
	FY11	\$ 9,000,000

These funds will be distributed on a first come, first served basis (as complete applications are filed) until the funds are depleted. After that, municipalities may proceed with planning by utilizing local funds, and retain eligibility for future reimbursement of eligible costs provided the municipality has received prior written approval of the fees and scope of work from the Department. Funding for planning may be recouped at the time the construction of the project is awarded Clean Water Fund assistance. Municipalities that expend funds for eligible planning efforts without receiving prior written approval from the Department will not be eligible for reimbursement at a later date.

Other planning projects not identified by the Department may also be funded when ready to proceed at any time during the fiscal year, on the same first come, first served basis.

Climate adaptation is an issue that municipal wastewater infrastructure, particularly along the coastline, should begin to consider. To support planning in this area, the Department will consider planning applications that address the following:

- To reduce the threat of global warming, energy audits will be considered as an eligible planning cost for any wastewater treatment plant that has not already received a Clean Water Fund agreement for a complete treatment plant upgrade.
- Assessment of the risk to existing wastewater infrastructure from climate change (rising sea levels and increased storm intensities and coastal flooding) and an evaluation of alternatives for remedial actions.

<u>Reserve for design projects:</u>	Non-CSO	FY10	\$ 4,000,000
	Non-CSO	FY11	\$ 3,000,000
	CSO	FY10	\$ 13,021,000

Design funds will be made available only for those projects that can be expected to be reached for construction funding within three years.

Because design of CSO long-term control plan projects is crucial to initiate future construction projects under consent orders, the Department is proposing to fund the following CSO design requests.

FY10 Middletown	\$ 48,000
MDC	\$ 7,473,000
Greater New Haven	\$ 1,600,000
Bridgeport	\$ 3,900,000

The non-CSO funds will be awarded on a first-come first-served basis (as complete applications are filed) until the funds run out. After that, municipalities may proceed with design by utilizing local funds, and retain eligibility for future reimbursement of eligible costs provided the municipality has received prior written approval of the fees and scope of work from the Department. Funding for design may be recouped at the time the construction of the project is awarded Clean Water Fund assistance. Municipalities that expend funds for eligible design efforts without receiving prior written approval from the Department will not be eligible for reimbursement at a later date.

Reserve for small community projects:

In an effort to ensure that funding is available from the Clean Water Fund for decentralized wastewater treatment alternatives, the Department is bifurcating the small community reserve into a decentralized/on-site management category and a sewer category. The funding allotments listed below reflect both requests received from municipalities as well as needs identified by the DEP.

Decentralized/On-Site Wastewater Management Category:	FY10	\$ 4,000,000
	FY11	\$ 6,000,000

For FY10 and FY 11, a total of \$10,000,000 has been reserved for Old Saybrook.

Sewer Category:	FY10	\$ 0
	FY11	\$ 0

Given the limited funds combined with the readiness of projects to proceed, the reserve for small community projects in the sewer category during FY10 and FY11 will not be funded. Requests for funding from qualified small communities were received from Bolton (\$9.1M), Thompson (\$6.3M), Sprague (\$8M) and Marlborough (\$6M); with Bolton and Marlborough requesting additional funding for their phased projects. However, municipalities may proceed to construction with local funds, and retain eligibility for future reimbursement of eligible costs, provided that the municipality has received prior written approval from the Department of those costs and a deviation from the Commissioner allowing construction without Clean Water Funding.

<u>Reserve for construction of regional sludge disposal facilities</u>	FY10	\$ 0
	FY11	\$ 0

Projects will be justified for funding from any of the three regional sludge studies previously conducted. At this time, no projects are being developed; therefore no funding is allocated.

Reserve for construction of regional FOG disposal facilities FY10 \$ 1,900,000
FY11 \$ 0

Any FOG (fat, oil, and grease) regional project may qualify for this reserve when ready to proceed. Building facilities for the receiving and treating of FOG is critical to the implementation of the FOG General Permit issued on September 30, 2005. Successful implementation of the FOG general permit is expected to result in improved operations at wastewater treatment plants, reduced operation and maintenance expenses, and reduced volume and frequency of sewage bypasses due to sewer line blockages.

For FY10, \$400,000 has been reserved for Danbury and \$1,500,000 has been reserved for New Haven.

Reserve for denitrification modifications FY10 \$ 1,400,000
FY11 \$ 0

This reserve is established to assist municipalities with the construction of retrofits at water pollution control facilities to achieve interim or long-term denitrification goals, with no significant structural changes (other than denitrification filters) or additions that would modify hydraulic capacity. Eligible costs are restricted to those costs directly related to the denitrification process. Any projects that meet the following conditions may be funded when ready to proceed:

- The WPCF must have adequate hydraulic capacity;
- The project does not include new structures for aeration or clarification;
- The WPCF must not have chronic effluent violations related to BOD or Total Suspended Solids;
- The municipality must have an engineering report, approvable by the Department, that demonstrates that nitrogen can be cost-effectively reduced to 8 mg/l or less of total nitrogen in the final effluent;
- The municipality must be in compliance with all requirements of the General Permit for Nitrogen Discharges;
- The proposed project must be capable of being utilized in any future WPCF expansion within a 10 year period;
- The municipality shall operate the proposed project to optimize nitrogen removal and thereby reduce their discharge of nitrogen to the maximum extent practicable.

The FY10 funds are for Plymouth in the amount of \$ 1,400,000. No other requests to utilize this reserve have been submitted.

Reserve for the construction of facilities to eliminate chlorine toxicity FY10 \$ 0
FY11 \$ 0

At this time, no projects are being developed; therefore no funding is allocated.

Reserve for construction of I/I rehabilitation project FY10 \$ 0
FY11 \$ 0

Infiltration / inflow rehabilitation projects are designed to reduce the volume and frequency of extraneous flow (storm and surface water inflow and groundwater infiltration) entering sanitary sewer systems. Projects funded under this reserve minimize sewage overflows resulting from system surcharge, reduce hydraulic overloading and energy consumption, improve treatment efficiency, and reserve capacity for future wastewater needs.

The Department has elected not to fund this reserve in either fiscal year, with grants and loan funding.

<u>Reserve for river restoration projects</u>	FY10 \$ 0
	FY11 \$ 0

Projects to be funded under this program may include planning, design or construction of river restoration activities which will resolve site specific problems in areas where degradation has occurred, grants for planning under the Protected Rivers Act, or watershed reconnaissance studies to identify restoration opportunities. No funding was requested in either fiscal year.

<u>Reserve for green infrastructure projects</u>	FY10 \$ 9,600,000
	FY11 \$ 0

EPA's capitalization grant condition requires 20% of that grant shall be used for green infrastructure, water efficiency, energy efficiency or other environmentally innovative activities (green infrastructure). For FY10 and FY11, a minimum of \$6,113,340 is required for green infrastructure projects. For FY10, \$1,000,000 has been reserved for the MDC's Green Capitol Project and \$8,600,000 has been reserved for Enfield's electrical generation project. It is noted that Old Saybrook's Decentralized project also fulfills the green infrastructure requirement, but is being funded through the small community reserve.

Section 3c: Collection System Improvement Program

In accordance with Sec.22a-478(c)(8) of the Connecticut General Statutes, the funding of collection system improvement projects is permissive ("sewer collection system improvements may receive a loan for one hundred percent of the eligible cost...."). This is different from the priority project grant-loan program which is obligatory if funding is available.

After a thoughtful review of all the projects funded under the collection system improvement program in FY06 and FY07, it is apparent that these projects, other than infiltration/inflow rehabilitation, cover predominantly preventative projects that either refurbish existing infrastructure that is at or beyond its useful life or that provide future capacity within the rebuilt infrastructure. This is a positive step to stay ahead of problems, and is not to be diminished in its importance. However, it does not address current water quality impairments such as those caused by combined sewer overflows or discharges of excessive nutrients. Therefore, the Department has elected not to fund any new collection system improvement projects nor fund any cost increases on previously funded collection system improvement projects with the exception of new infiltration/inflow rehabilitation projects (I/I projects). Excessive infiltration/inflow exacerbates combined sewer overflow volumes, negatively affects nitrogen removal performance at denitrification plants, and can lead to sanitary sewer overflows. The Department therefore will continue with a loan only reserve for I/I rehabilitation in any municipality (up to \$2.5 million/year/municipality) when funding is available.

It is important to note that this program is a subset of the Clean Water Fund and the only changes to the Clean Water Fund program are the funding level and the requirement for a separate priority system. All other aspects of the Clean Water Fund program, including the statutes and regulations, cost effectiveness of projects and environmental review apply to the collection system improvement program. All administrative procedures applicable to the Clean Water Fund program apply to the collection system improvement program as well.

For design costs associated with collection system improvements, the Department will not process separate design agreements. Rather, the Department will require the municipalities to seek prior written approval on the design fees and to then complete design with local financing rather than a Clean Water Fund loan. The municipality may then recoup the design cost by including them in the construction application for Clean Water Fund financing. This process is permitted by Section 22a-482-2(d)(3) of the Clean Water Fund Regulations.

Category I – Consists of projects for which a financing application was submitted to the DEP for review during the previous funding period and the projects were on the fundable portion of that year’s priority list. These applications have undergone preliminary review, are essentially complete and represent the good faith efforts of communities to comply with program requirements. It should be stressed that any project placed in this category must come from the fundable portion of the previous year’s priority list.

(Applications received, but agreement not executed as of 2/22/2010)

<u>CWF #</u>	<u>Municipalities</u>	<u>Description</u>	<u>Project Cost</u>
132	Danbury	Sewer Extension (community pollution problem)	\$ 4,460,000
209	Meriden	Infiltration & Inflow Removal	\$ 2,500,000
207	Middletown	Infiltration & Inflow Removal	\$ 4,229,000
166	MDC	Infiltration & Inflow Removal	\$ 7,500,000

Any construction project listed in Category I that has not opened bids by September 30, 2010 will be removed from this list and will not be fundable for FY10 and FY11.

Fundable FY10 and FY11 Construction Projects (Collection System Improvement Program)

<u>Reserve for cost increases</u>	FY10 \$0
	FY11 \$0

Any cost increase for projects funded from the Amended FY09 Collection System Improvements Program priority list will not receive additional loan funding. Cost increases beyond the original funding level identified in the Amended FY09 priority list must be funded with local financing.

<u>Reserve for construction of I/I rehabilitation project</u>	FY10 \$ 0
	FY11 \$ 25,000,000

Infiltration / inflow (I/I) rehabilitation projects are designed to reduce the volume and frequency of extraneous flow (storm and surface water inflow and groundwater infiltration) entering sanitary sewer systems. Projects funded under this reserve minimize sewage overflows

resulting from system surcharge, reduce hydraulic overloading and energy consumption, improve treatment efficiency, and reserve capacity for future wastewater needs.

The FY11 funding is due to the additional revenue bonds from the passage of Public Act 10-44.

Section 3d: State-Owned Facilities and Regional Studies

Prior to the Clean Water Fund, this was the primary method of state funding of municipal water pollution control projects. At this time, however, no additional municipal projects will be funded under CGS 22a-446. Funding will be provided through the Clean Water Fund (CGS 22a-475 et seq) for municipal projects. Regional studies will continue to be funded under CGS 22a-439. State-owned facilities will continue to be funded as provided by CGS 22a-439a and 22a-446.

CGS SECTION 22a-446 - AVAILABLE STATE FUNDING

Prior Year Funds (as of August 1, 2009)	\$ 6,868,380
FY10 Appropriation	\$ 0
FY11 Appropriation	\$ 0
Public Act 10-44 (reduction)	\$ -568,380
Total	\$ 6,300,000

FUNDABLE PORTION CGS SECTION 22a-439

<u>Reserve for cost increases and/or regional studies</u>	FY10	\$ 0
	FY11	\$ 0
<u>Reserve for Planning</u>	FY10	\$ 0
	FY11	\$ 0
<u>Reserve for Design</u>	FY10	\$ 0
	FY11	\$ 0

FUNDABLE CONSTRUCTION PORTION CGS SECTION 22a-439a

Southbury Training School (DDS)	CSG-6007	\$ 6,300,000
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FUTURE PORTION CGS SECTION 22a-439a

Department of Environmental Protection (State Park Septic System Repairs)		\$ 3,225,000
Department of Environmental Protection (Fish Hatchery Treatment Systems)		\$12,000,000
CT Valley Hospital I/I (DMH)	CSG-6017	\$ 500,000

Table 1 FY 2010-2011 Project Priority List Point Score

CWF	Town	Project Description	Derivation																Priority Points	Eligible Cost (\$1000)									
			I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB			VIC	VID	VII	VIII					
311	Ansonia	I/I Rehab													6					5						11	\$4,241		
TBD	Ansonia	Sewers: Naugatuck / Central St siphons													6											6	\$300		
TBD	Beacon Falls	Sewers: Patricia Terrace													2	6										8	\$200		
TBD	Beacon Falls	WPCF Upgrade													2											2	\$200		
TBD	Berlin	I/I Rehab													6						5					11	\$4,850		
TBD	Berlin	Pump Station Rehab													6											6	\$3,100		
TBD	Bloomfield MDC	I/I Rehab													6						5					11	\$7,091		
132	Bolton Lakes RWPC	Sewers: Bolton Lakes Int **													3		3									14	\$14,840		
452	Bridgeport	CSO			15						3				3											12	\$8,600		
452	Bridgeport	CSO			15						3				3											12	\$74,000		
621	Bridgeport	CSO			15						3				3											12	\$8,580		
TBD	Bridgeport	I/I Rehab													12									5		17	\$4,000		
TBD	Bridgeport	Pump Station Rehab													12											12	\$4,000		
TBD	Bridgeport	WPCF Denitrification E. Side													12										26	38	\$990		
TBD	Bridgeport	WPCF Denitrification W. Side													12										32	44	NA		
171	Bristol	Sewers: Cedar Lake													3		3									2	6	14	\$2,000
320	Bristol	Sewers: Route 69														3										2	6	11	\$3,800
511	Bristol	FOG facility													10										5		15	\$150	
576	Bristol	WPCF Denitrification													10										21	31	\$5,500		
TBD	Bristol	Pump Station Rehab													2											2	\$8,600		
TBD	Bristol	WPCF Pump Station													10									5		15	\$450		
584	Brookfield	Sewers: condos**													3		4		6							13	\$5,204		
TBD	Brookfield	Pump Station Rehab													2											2	\$600		
TBD	Brookfield	Sewers: extension													2		6									8	\$1,300		
512	Burlington	Sewers: Whigville **													2		6									8	\$1,250		
514	Canton	WPCF Denitrification													4										16	20	\$6,500		
322	Cheshire	Pump Station Rehab													4											4	\$3,200		
465	Cheshire	Sewers: South End													2		6									8	\$4,600		
TBD	Cheshire	I/I Rehab													4									5		9	\$400		
TBD	Cheshire	WPCF Upgrade													4											4	\$35,000		
127	Clinton	Decentralized System **			15										3		3									2	6	29	\$25,979
TBD	Colchester	Pump Station Rehab													2											2	\$4,000		
515	Danbury	WPCF Denitrification													8										24	32	\$3,750		
TBD	Danbury	Sewers: Extensions													8		6									14	\$12,910		
TBD	Danbury	WPCF Dechlorination													8									5		13	\$450		
421	Darien	Sewers: Extensions													6		6									12	\$3,500		
TBD	Deep River	Sewers: Extensions													2		6									8	\$4,600		
TBD	Derby	I/I Rehab													6									5		11	\$500		
TBD	Derby	Pump Station Rehab													6											6	\$2,250		
TBD	Derby	WPCF Upgrade													6											6	\$3,600		
293	East Hampton	WPCF Denitrification													4										17	21	\$22,000		
TBD	East Hampton	I/I Rehab													4									5		9	\$1,400		
TBD	East Hartford MDC	I/I Rehab													6										5	11	\$2,636		
TBD	East Haven GNH	I/I Rehab													6									5		11	\$11,000		
323	East Windsor	Sewers: Prospect Hill Rd													2		6									8	\$1,200		
324	East Windsor	Pump Station Rehab													2											2	\$150		
325	East Windsor	Sewers: North Road													2		6									8	\$2,239		
289	Enfield	Pump Station Rehab													4											4	\$575		

Table 1 FY 2010-2011 Project Priority List Point Score

CWF	Town	Project Description	Derivation																Priority Points	Eligible Cost (\$1000)					
			I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB			VIC	VID	VII	VIII	
TBD	Enfield	WPCF Energy Project												8										8	\$8,600
TBD	Fairfield	I/I Rehab												6					5					11	\$750
TBD	Fairfield	WPCF Upgrade												6										6	\$230
440	Farmington	WPCF Odor Control Improv												6				5						11	\$250
517	Farmington	WPCF Denitrification												6								19		25	\$2,750
TBD	Farmington	Pump Station Rehab												6										6	\$1,500
519	Goshen	WPCF Woodridge Lake & I/I **		5		3						6		2	6				5					27	\$10,000
TBD	Granby	Sewers: Extension												2	6									8	\$250
485	Greenwich	Sewers: North Mianus												10	6									16	\$25,000
573	Greenwich	UV Disinfection												10					5					15	\$2,500
TBD	Greenwich	I/I Rehab												10					5					15	\$3,900
TBD	Greenwich	Pump Station Rehab												10										10	\$4,112
TBD	Greenwich	Sewers: force main replacement												10										10	\$800
TBD	Greenwich	Sewers: relief sewer												10	6									16	\$2,100
TBD	Greenwich	WPCF Upgrade												10										10	\$6,551
TBD	Griswold	Sewers: extension												2	6									8	\$2,185
419	Groton (Town)	Pump Station Rehab												4										4	\$3,920
520	Hartford MDC	WPCF Denitrification												12								28		40	\$94,000
522	Hartford MDC	Effluent Pump Station Improvements												12										12	\$3,000
597	Hartford MDC	CSO Consolidation Piping		20								3		12										35	\$80,000
599	Hartford MDC	CSO WPCF Improvements		20									3	12										35	\$105,000
600	Hartford MDC	CSO Storage		20									3	12										35	\$165,000
601	Hartford MDC	CSO Separation		20									3	12										35	\$260,000
619	Hartford MDC	CSO Separation		20									3	12										35	\$135,000
605	Hartford MDC	I/I Rehab												12					5					17	\$135,000
524	Killingly	WPCF Denitrification												6								18		24	\$18,500
TBD	Lebanon	Sewers: Amston Lake												2	6									8	\$4,000
TBD	Ledyard	I/I Rehab												2					5					7	\$200
525	Manchester	WPCF Denitrification FY2010-11												10								28		38	\$23,000
525	Manchester	WPCF Denitrification future												10								28		38	\$34,000
TBD	Manchester	I/I Rehab												10					5					15	\$5,000
TBD	Manchester	Pump Station Rehab												10										10	\$1,206
TBD	Mansfield	Sewers: Four Corners												2	6									8	\$5,000
527	Marlborough	Sewers to East Hampton **										3		3	2	6								14	\$6,000
528	Mattabassett	WPCF Denitrification												12								24		36	\$100,000
TBD	Meriden	I/I Rehab												10					5					15	\$5,000
TBD	Meriden	Pump Station Rehab												10										10	\$1,000
TBD	Middlebury	Pump Stations Rehab												2										2	\$2,700
273	Middletown	CSO: Old Mill & Barbara Road		20										6										29	\$2,500
368	Middletown	Sewers: South End												2	6									8	\$900
487	Middletown	WPCF Abandonment												8					5			20		33	\$20,000
531	Middletown	Sewers: Saybrook & Main Rehab												2	6									8	NA
537	Middletown	I/I Rehab												6					5					11	\$9,500
TBD	Milford	Pump Station Rehab												8										8	\$3,100
TBD	Milford	Pump Station Rehab												8										8	\$7,000
TBD	Milford	Pump Station West Ave & Gulf												8										8	\$4,000
TBD	Milford	Sewers: E. Boradway interceptor												8										8	\$3,762
TBD	Milford	Sewers: Indian River interceptor												8										8	\$4,000

Table 1 FY 2010-2011 Project Priority List Point Score

CWF	Town	Project Description	Derivation																Priority Points	Eligible Cost (\$1000)							
			I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB			VIC	VID	VII	VIII			
TBD	Milford	Sewers: West Ave force main													8										8	\$6,000	
TBD	Milford	WPCF Upgrade Beaver Brook													8										8	\$500	
TBD	Milford	WPCF Upgrade Housatonic													8										8	\$1,050	
212	Montville	Sewers: Phase III Extension													2	6									8	\$2,000	
332	Naugatuck	Sewers													2	6									8	\$1,500	
357	Naugatuck	I/I Rehab													4							5			9	\$1,800	
534	Naugatuck	Pump Station Rehab													2	6									8	\$355	
583	New Britain	I/I Rehab													10							5			15	\$4,000	
TBD	New Canaan	WPCF Upgrade													4										4	NA	
579	New Hartford	WPCF Denitrification**				3									2								15	23	\$1,038		
186	New Haven GNH	CSO Separation		20											12										35	\$160,000	
441	New Haven GNH	WPCF Denitrification													12									32	44	\$11,000	
TBD	New Haven GNH	I/I Rehab													8							5			13	\$4,000	
335	New Haven GNH	Pump Station Rehab													8										8	NA	
627	New Haven GNH	FOG facility													12							5			17	\$651	
TBD	New Haven GNH	CSO Consolidation Piping		20											12										35	\$30,000	
TBD	New Haven GNH	CSO Storage		20											12										35	\$50,000	
TBD	New Haven GNH	CSO WPCF Improvements		20											12										35	\$60,000	
507	New London	I/I Rehab													8							5			13	\$7,200	
507	New London	Pump Station Rehab													8										8	\$1,000	
539	New Milford	I/I Rehab													4							5			9	\$2,000	
585	New Milford	Pump Station: (West Side) Odor Control													6				5						11	\$200	
491	Newington MDC	I/I Rehab													8							5			13	\$8,800	
TBD	Newtown	Sewers Fairfield Hills													2										2	\$1,500	
TBD	Newtown	WPCF Upgrade													2										2	\$800	
426	Norfolk	I/I Rehab													2							5			7	\$2,200	
427	Norfolk	WPCF Upgrade**		15	8	3									2										28	\$880	
397	Norwalk	I/I Rehab													10							5			15	\$1,165	
540	Norwalk	CSO		15											10										28	\$22,500	
612	Norwalk	WPCF Denitrification FY 2010-11													10									30	40	\$42,000	
612	Norwalk	WPCF Denitrification future													10									30	40	\$61,000	
263	Norwich	Sewers: Interceptor													2	6									8	\$4,030	
448	Norwich	CSO Later Phases		20											10										33	\$48,000	
495	Norwich	Digester Upgrade													8							5			13	\$7,591	
495	Norwich	WPCF Denitrification													8									19	27	\$30,000	
116	Old Saybrook	Decentralized Systems **		15						3					2	6									29	\$42,000	
TBD	Oxford	Pump Station Rehab													2										2	\$2,100	
TBD	Oxford	Sewers: Rt 67													2										2	\$1,900	
417	Plainfield	WPCF Denitrification													6	4								17	27	\$2,700	
339	Plymouth	Sewers													2	6									8	\$1,000	
458	Plymouth	WPCF Denitrification													4										17	21	\$850
493	Plymouth	Pump Station Rehab													2										2	\$1,250	
449	Putnam	WPCF Denitrification													4									17	21	\$16,900	
TBD	Ridgefield	I/I Rehab													2							5			7	\$1,300	
TBD	Ridgefield	Pump Station Rehab													2										2	\$1,400	
TBD	Ridgefield	WPCF Upgrade													2										2	\$640	
192	Rocky Hill MDC	WPCF Denitrification													8									20	28	\$2,100	
422	Rocky Hill MDC	I/I Rehab													4							5			9	\$6,200	

Table 1 FY 2010-2011 Project Priority List Point Score

CWF	Town	Project Description	Category																Priority Points	Eligible Cost (\$1000)			
			I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB			VIC	VID	VII
428	Salisbury	I/I Rehab												2					5			7	\$1,800
TBD	Seymour	Sewers: Brook St, Manners Ave												6								6	\$380
TBD	Seymour	WPCF Upgrade												6								6	\$275
543	Sharon	WPCF Upgrade **		5		3								2					5			15	\$390
544	Sharon	I/I Rehab												2					5			7	\$750
TBD	Sharon	Sewers: Replacement												2					5			7	\$1,000
TBD	Simsbury	Pump Station Rehab												6								6	\$1,928
459	South Windsor	WPCF Denitrification												6							12	18	\$36,139
543	Southington	WPCF Upgrade												6					5			11	\$35,000
TBD	Southington	Sewers: Improvements												6					5			11	\$3,900
564	Sprague	WPCF Denitrification **												2							16	18	\$7,481
TBD	Sprague	Pump Station Rehab												2								2	\$7,481
564	Stamford	WPCF Energy Project												12								12	\$70,000
564	Stamford	WPCF Upgrade												10								10	\$500
TBD	Stamford	Sewers: extension												12								12	\$18,900
456	Stonington	WPCF Upgrade: Pawcatuck												4							16	20	\$7,100
545	Stonington	Sewers: Expansion program												2	6							8	\$32,500
TBD	Stonington	WPCF Denitrification: Mystic												4							17	21	\$15,000
TBD	Stonington	WPCF Upgrade: Borough												4							16	20	\$3,600
300	Suffield	Sewers: Extension												2	6							8	\$420
389	Thompson	Sewers to Thompson Hill												2	6							8	\$6,285
198	Torrington	I/I Rehab												4					5			9	\$4,800
546	Torrington	WPCF Denitrification												8							23	31	\$27,200
547	Vernon	WPCF Denitrification												8							19	27	\$1,900
548	Vernon	Sewers: Mtn St sewer reconstruction												6								6	\$500
580	Waterbury	I/I Rehab												12					5			17	\$40,000
TBD	Waterford	I/I Rehab												4					5			9	\$1,140
TBD	Waterford	Pump Station Rehab												4								4	\$2,140
TBD	Waterford	Sewers: Extension												4	6							10	\$4,500
128	Westbrook	Decentralized Systems **		15					3		3			2	6							29	\$46,700
TBD	Wethersfield MDC	I/I Rehab												6					5			11	\$9,545
552	Windham	FOG facility												8					5			13	\$250
TBD	Windsor Locks	Pump Station Rehab												2								2	\$1,500
319	Windsor MDC	I/I Rehab												8					5			13	\$1,600
398	Wolcott	Sewers: Cedar Lake									3		3	2	6							14	\$1,000
TBD	Woodbridge GNH	I/I Rehab												6					5			11	\$800
TBD	Woodlake Tax Dist	WPCF Upgrade												2					5			7	\$440

** Projects which qualify for small community set-aside funding

Total: \$2,678,995
 NA: Project Costs not yet available

Table 2 FY 2010-2011 Future Project List by Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Eligible Cost (\$1000)
1	44	Bridgeport	WPCF Denitrification W. Side	TBD	NA
2	40	Norwalk	WPCF Denitrification future	612	\$61,000
3	38	Manchester	WPCF Denitrification future	525	\$34,000
4	38	Bridgeport	WPCF Denitrification E. Side	TBD	\$990
5	36	Mattabassett	WPCF Denitrification	528	\$100,000
6	35	Hartford MDC	CSO Consolidation Piping	597	\$80,000
7	35	Hartford MDC	CSO WPCF Improvements	599	\$105,000
8	35	Hartford MDC	CSO Storage	600	\$165,000
9	35	Hartford MDC	CSO Separation	601	\$260,000
10	35	New Haven GNH	CSO Separation	186	\$160,000
11	35	New Haven GNH	CSO Consolidation Piping	TBD	\$30,000
12	35	New Haven GNH	CSO Storage	TBD	\$50,000
13	35	New Haven GNH	CSO WPCF Improvements	TBD	\$60,000
14	33	Bridgeport	CSO	452	\$74,000
15	33	Norwich	CSO Later Phases	448	\$48,000
16	33	Middletown	WPCF Abandonment	487	\$20,000
17	32	Danbury	WPCF Denitrification	515	\$3,750
18	31	Torrington	WPCF Denitrification	546	\$27,200
19	31	Bristol	WPCF Denitrification	576	\$5,500
20	29	Clinton	Decentralized System **	127	\$25,979
21	29	Old Saybrook	Decentralized Systems **	116	\$42,000
22	29	Westbrook	Decentralized Systems **	128	\$46,700
23	28	Rocky Hill MDC	WPCF Denitrification	192	\$2,100
24	28	Norfolk	WPCF Upgrade**	427	\$880
25	28	Norwalk	CSO	540	\$22,500
26	27	Norwich	WPCF Denitrification	495	\$30,000
27	27	Vernon	WPCF Denitrification	547	\$1,900
28	27	Goshen	WPCF Woodridge Lake & I/I **	519	\$10,000
29	27	Plainfield	WPCF Denitrification	417	\$2,700
30	25	Farmington	WPCF Denitrification	517	\$2,750
31	24	Killingly	WPCF Denitrification	524	\$18,500
32	21	East Hampton	WPCF Denitrification	293	\$22,000
33	21	Plymouth	WPCF Denitrification	458	\$850
34	21	Putnam	WPCF Denitrification	449	\$16,900
35	21	Stonington	WPCF Denitrification: Mystic	TBD	\$15,000
36	20	Canton	WPCF Denitrification	514	\$6,500
37	20	Stonington	WPCF Upgrade: Pawcatuck	456	\$7,100
38	20	Stonington	WPCF Upgrade: Borough	TBD	\$3,600
39	18	Sprague	WPCF Denitrification **	564	\$7,481
40	17	Bridgeport	I/I Rehab	TBD	\$4,000
41	17	Hartford MDC	I/I Rehab	605	\$135,000
42	17	Waterbury	I/I Rehab	580	\$40,000
43	16	Greenwich	Sewers: North Mianus	485	\$25,000
44	16	Greenwich	Sewers: relief sewer	TBD	\$2,100
45	15	Bristol	FOG facility	511	\$150
46	15	Bristol	WPCF Pump Station	TBD	\$450
47	15	Greenwich	UV Disinfection	573	\$2,500
48	15	Greenwich	I/I Rehab	TBD	\$3,900
49	15	Manchester	I/I Rehab	TBD	\$5,000
50	15	Meriden	I/I Rehab	TBD	\$5,000
51	15	New Britain	I/I Rehab	583	\$4,000
52	15	Norwalk	I/I Rehab	397	\$1,165
53	15	Sharon	WPCF Upgrade **	543	\$390
54	14	Bolton Lakes RWPCA	Sewers: Bolton Lakes Int **	132	\$14,840
55	14	Bristol	Sewers: Cedar Lake	171	\$2,000
56	14	Danbury	Sewers: Extensions	TBD	\$12,910
57	14	Marlborough	Sewers to East Hampton **	527	\$6,000

Table 2 FY 2010-2011 Future Project List by Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Eligible Cost (\$1000)
59	13	Danbury	WPCF Dechlorination	TBD	\$450
60	13	New Haven GNH	I/I Rehab	TBD	\$4,000
61	13	New London	I/I Rehab	507	\$7,200
62	13	Newington MDC	I/I Rehab	491	\$8,800
63	13	Windham	FOG facility	552	\$250
64	13	Windsor MDC	I/I Rehab	319	\$1,600
65	12	Bridgeport	Pump Station Rehab	TBD	\$4,000
66	12	Darien	Sewers: Extensions	421	\$3,500
67	12	Hartford MDC	Effluent Pump Station Improvemer	522	\$3,000
68	12	Stamford	WPCF Energy Project	564	\$70,000
69	12	Stamford	Sewers: extension	TBD	\$18,900
70	11	Ansonia	I/I Rehab	311	\$4,241
71	11	Berlin	I/I Rehab	TBD	\$4,850
72	11	Bloomfield MDC	I/I Rehab	TBD	\$7,091
73	11	Bristol	Sewers: Route 69	320	\$3,800
74	11	Derby	I/I Rehab	TBD	\$500
75	11	East Hartford MDC	I/I Rehab	TBD	\$2,636
76	11	East Haven GNH	I/I Rehab	TBD	\$11,000
77	11	Fairfield	I/I Rehab	TBD	\$750
78	11	Farmington	WPCF Odor Control Improv	440	\$250
79	11	Middletown	I/I Rehab	537	\$9,500
80	11	New Milford	Pump Station: (West Side) Odor C	585	\$200
81	11	Southington	WPCF Upgrade	543	\$35,000
82	11	Southington	Sewers: Improvements	TBD	\$3,900
83	11	Wethersfield MDC	I/I Rehab	TBD	\$9,545
84	11	Woodbridge GNH	I/I Rehab	TBD	\$800
85	10	Greenwich	Pump Station Rehab	TBD	\$4,112
86	10	Greenwich	Sewers: force main replacement	TBD	\$800
87	10	Greenwich	WPCF Upgrade	TBD	\$6,551
88	10	Manchester	Pump Station Rehab	TBD	\$1,206
89	10	Meriden	Pump Station Rehab	TBD	\$1,000
90	10	Stamford	WPCF Upgrade	564	\$500
91	10	Waterford	Sewers: Extension	TBD	\$4,500
92	9	Cheshire	I/I Rehab	TBD	\$400
93	9	East Hampton	I/I Rehab	TBD	\$1,400
94	9	Naugatuck	I/I Rehab	357	\$1,800
95	9	New Milford	I/I Rehab	539	\$2,000
96	9	Rocky Hill MDC	I/I Rehab	422	\$6,200
97	9	Torrington	I/I Rehab	198	\$4,800
98	9	Waterford	I/I Rehab	TBD	\$1,140
99	8	Beacon Falls	Sewers: Patricia Terrace	TBD	\$200
100	8	Brookfield	Sewers: extension	TBD	\$1,300
101	8	Burlington	Sewers: Whigville **	512	\$1,250
102	8	Cheshire	Sewers: South End	465	\$4,600
103	8	Deep River	Sewers: Extensions	TBD	\$4,600
104	8	East Windsor	Sewers: Prospect Hill Rd	323	\$1,200
105	8	East Windsor	Sewers: North Road	325	\$2,239
106	8	Enfield	WPCF Energy Project	TBD	\$8,600
107	8	Granby	Sewers: Extension	TBD	\$250
108	8	Griswold	Sewers: extension	TBD	\$2,185
109	8	Lebanon	Sewers: Amston Lake	TBD	\$4,000
110	8	Mansfield	Sewers: Four Corners	TBD	\$5,000
111	8	Middletown	Sewers: South End	368	\$900
112	8	Middletown	Sewers: Saybrook & Main Rehab	531	NA
113	8	Milford	Pump Station Rehab	TBD	\$3,100
114	8	Milford	Pump Station Rehab	TBD	\$7,000
115	8	Milford	Pump Station West Ave & Gulf	TBD	\$4,000

Table 2 FY 2010-2011 Future Project List by Order of Priority

Rank	Priority Points	Town	Project Description	CFW #	Eligible Cost (\$1000)
117	8	Milford	Sewers: Indian River interceptor	TBD	\$4,000
118	8	Milford	Sewers: West Ave force main	TBD	\$6,000
119	8	Milford	WPCF Upgrade Beaver Brook	TBD	\$500
120	8	Milford	WPCF Upgrade Housatonic	TBD	\$1,050
121	8	Montville	Sewers: Phase III Extension	212	\$2,000
122	8	Naugatuck	Sewers	332	\$1,500
123	8	Naugatuck	Pump Station Rehab	534	\$355
124	8	New Haven GNH	Pump Station Rehab	335	NA
125	8	New London	Pump Station Rehab	507	\$1,000
126	8	Norwich	Sewers: Interceptor	263	\$4,030
127	8	Plymouth	Sewers	339	\$1,000
128	8	Stonington	Sewers: Expansion program	545	\$32,500
129	8	Suffield	Sewers: Extension	300	\$420
130	8	Thompson	Sewers to Thompson Hill	389	\$6,285
131	7	Ledyard	I/I Rehab	TBD	\$200
132	7	Norfolk	I/I Rehab	426	\$2,200
133	7	Ridgefield	I/I Rehab	TBD	\$1,300
134	7	Salisbury	I/I Rehab	428	\$1,800
135	7	Sharon	I/I Rehab	544	\$750
136	7	Sharon	Sewers: Replacement	TBD	\$1,000
137	7	Woodlake Tax Dist	WPCF Upgrade	TBD	\$440
138	6	Ansonia	Sewers: Naugatuck / Central St sewer	TBD	\$300
139	6	Berlin	Pump Station Rehab	TBD	\$3,100
140	6	Derby	Pump Station Rehab	TBD	\$2,250
141	6	Derby	WPCF Upgrade	TBD	\$3,600
142	6	Fairfield	WPCF Upgrade	TBD	\$230
143	6	Farmington	Pump Station Rehab	TBD	\$1,500
144	6	Seymour	Sewers: Brook St, Manners Ave	TBD	\$380
145	6	Seymour	WPCF Upgrade	TBD	\$275
146	6	Simsbury	Pump Station Rehab	TBD	\$1,928
147	6	Vernon	Sewers: Mtn St sewer reconstruction	548	\$500
148	4	Cheshire	Pump Station Rehab	322	\$3,200
149	4	Cheshire	WPCF Upgrade	TBD	\$35,000
150	4	Enfield	Pump Station Rehab	289	\$575
151	4	Groton (Town)	Pump Station Rehab	419	\$3,920
152	4	New Canaan	WPCF Upgrade	TBD	NA
153	4	Waterford	Pump Station Rehab	TBD	\$2,140
154	2	Beason Falls	WPCF Upgrade	TBD	\$200
155	2	Bristol	Pump Station Rehab	TBD	\$8,600
156	2	Brookfield	Pump Station Rehab	TBD	\$600
157	2	Colchester	Pump Station Rehab	TBD	\$4,000
158	2	East Windsor	Pump Station Rehab	324	\$150
159	2	Middlebury	Pump Stations Rehab	TBD	\$2,700
160	2	Newtown	Sewers Fairfield Hills	TBD	\$1,500
161	2	Newtown	WPCF Upgrade	TBD	\$800
162	2	Oxford	Pump Station Rehab	TBD	\$2,100
163	2	Oxford	Sewers: Rt 67	TBD	\$1,900
164	2	Plymouth	Pump Station Rehab	493	\$1,250
165	2	Ridgefield	Pump Station Rehab	TBD	\$1,400
166	2	Ridgefield	WPCF Upgrade	TBD	\$640
167	2	Sprague	Pump Station Rehab	TBD	\$7,481
168	2	Windsor Locks	Pump Station Rehab	TBD	\$1,500
Total Future Projects					\$2,303,692

NA: Project Costs not yet available

** Projects which qualify for small community set-aside funding