



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

79 Elm Street • Hartford, CT 06106-5127

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Clean Water Fund

Financial Assistance Programs Municipal Water Pollution Control State Fiscal Years 2014 and 2015

Section 1: Program Authorization and Objectives

Section 2: Meeting Future Clean Water Fund 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 (Grant & Loan)

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 Energy & Environmental Protection's (Department or DEEP) state and federal funding assistance programs for municipal and state water pollution control projects during state fiscal years 2014 (FY14: July 1, 2013 - June 30, 2014) and 2015 (FY15: July 1, 2014 - June 30, 2015). This document describes the uses of funds available under Sections 22a-446 and 22a-483 of the Connecticut General Statutes (CGS) 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 at DEEP Headquarters on April 15, 2014 at 9am in the 5th floor auditorium of 79 Elm Street, Hartford, Connecticut 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 evaluating all such comments, the final priority list was forwarded to the Commissioner of Energy & Environmental Protection for adoption.

Currently, the Department is funding projects in accordance with the FY12 and FY13 Priority List. The unallocated balances from that priority list were considered in the development of FY14 and FY15 Priority List. The anticipated funding for the next two-year planning period is as follows:

	FY14 Funds Authorized	FY15 Funds Authorized
State General Obligation Bonds	\$67,000,000	\$218,000,000
Federal Capitalization Grant	\$17,176,000	\$16,000,000 ⁽¹⁾
State Revenue Bonds	\$318,000,000	\$260,800,000

(1) Anticipated grant level

Requirements of the Federal Capitalization Grant:

The anticipated requirements for the federal FY14 and federal FY15 Capitalization Grants are as follows:

- 10% of the grant shall be used for green infrastructure or energy efficiency projects;
- 20% to 30% of the Federal Capitalization Grant shall be applied as grant;
- All projects which utilize iron and steel must obtain these products from American manufacturers.

Funding Levels Based Upon Project Type:

The Clean Water Fund (CWF) program is defined by Sections 22a-475 through 22a-483 of the 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.

Nutrient (Nitrogen or Phosphorus) Removal projects receive grants equal to 30% of the project costs associated with nutrient 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.

In 2013, Public Act No. 13-239 passed, which increases funding for financing phosphorus removal projects at wastewater treatment plants. Public Act No. 13-239 increased the project grant for project costs associated with phosphorus removal, from 30% to 50%. Public Act No. 13-239 limited the 50% phosphorus grant to the first three construction contracts entered into by municipalities before July 1, 2018. In 2014, Public Act 14-13 expanded the number of projects eligible for the 50% phosphorus grant.

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.

Collection System Improvement projects are only eligible for a 2% interest loan.

Management System

As required by Section 22a-482-1(b) of the Regulation of Connecticut State Agencies (RCSA), a 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, 2015.

The priority list management system (Section 22a-482-1(c)(1) through (5) of the RCSA) includes sections on priority rating criteria, project ranking mechanism, order of priority funding, public hearing and revisions to the priority list. The priority list has been developed in accordance with such system.

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 water pollution control projects for state-owned facilities.

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.

Reserves

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) Program administrative costs
- (b) Water Quality management
- (c) Cost increases
- (d) Planning projects

- (e) Design projects
- (f) Small Community projects
- (g) Infiltration and Inflow Rehabilitation projects
- (h) Pump Station Rehabilitation projects
- (i) Regional fat, oil and grease disposal facilities
- (j) Resiliency Improvement projects
- (k) Green Infrastructure projects
- (l) River Restoration projects
- (m) Collection System Rehabilitation projects

Program Administrative Costs

The costs of administering the CWF are covered by 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 FY14 and FY15 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 percent 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, \$100,000 has been reserved from federal FY14 and \$100,000 from federal FY15 for this purpose.

Small Communities

The regulations adopted pursuant to CGS Section 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 Section 22a-482-1 (c) (5) (Revisions to the Priority List) of the RCSA.

Revisions of the 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 shall 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 may be waived.

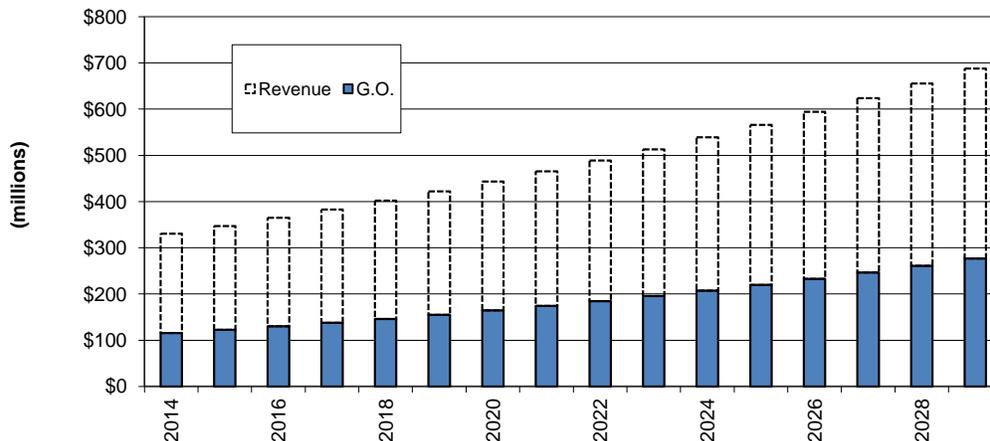
Section 2: Meeting Future Clean Water Fund Demands and Economic Benefits to the State

Without question, the FY14 and FY15 state capital budget will provide an unprecedented amount of funding that will generously support the on-going improvement of our aging wastewater infrastructure. It will also continue to provide stimulus to our economy. Economic benefits include job creation or retention of construction contractors, equipment manufacturers, construction materials suppliers, design and management professionals, as well as supporting businesses and industries.

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, then Commissioner Gina McCarthy formed 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 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 (CSO) abatement, nitrogen control to restore Long Island Sound, and reduction of phosphorus loadings to control nutrient enrichment of streams throughout the state that receive wastewater discharge. The recent implementation of phosphorus limits for many non-coastal surface water discharges, as well as an increased public demand for energy-saving projects and green infrastructure options, will further increase the demand for funding.

Figure 6: CWF Demands with 5% Inflation



Other issues that will likely add to the CWF demands, but for which costs cannot be precisely determined at this time include:

- Tighter effluent limits for metals;
- Control of pharmaceuticals and personal care products; and
- 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 CSOs 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; and
- Reduced burden on ratepayers and taxpayers from stable, low interest financing as well as grant dollars to municipal wastewater treatment authorities.

Despite these recent gains and successes, the need for CWF financing continues to exceed available resources. This biennial priority list for FY14 and FY15 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 RCSA Section 22a-482-1(c), available funding is proposed to address priority water quality areas. The priority needs of the state still remain achieving CSO abatement as required under Long Term Control Plans, and meeting the 2014 nitrogen load allocation required by the Total Maximum Daily Load (TMDL) for the Long Island Sound.

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 RCSA) 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 DEEP 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 FY14 and FY15 allotments; and the future portion consisting of projects that may be funded from future authorized allotments in FY16 and beyond (Table 2). 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. The application of this rating system to each individual project request that was received is shown in Table 1. 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 (CSO 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 DE[E]P 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 DEEP 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

As the 2014 deadline for the Long Island Sound TMDL rapidly approaches, all projects which are designed to meet the final goals for nitrogen reduction per the Long Island Sound TMDL shall 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). 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 or has demonstrated the ability 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.

Projects incorporating both phosphorus and nitrogen removal components shall only receive credit for one type of nutrient removal. These types of projects shall be rated two separate ways: the first score shall include points for phosphorus removal and no points under category VIII for nitrogen removal; the second score shall include points for nitrogen removal under category VIII, with no credit for phosphorus removal. The greater of the two scores shall carry forward.

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 construction was submitted to the DEEP 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 two projects for funding which fits the definition of Category I. No Category II or III projects have been selected for funding.

Fundable Projects: Category I

(Applications received, but funding agreement not executed as of 1/14/2014)

<u>CWF#</u>	<u>Municipality</u>	<u>Description</u>	<u>Project Funding</u>
652	Hartford MDC	CSO Wet Weather Expansion Project	\$123,000,000
487	Middletown	Regional Consolidation Project: Force Main ⁽³⁾	\$22,000,000

Fundable FY14 Projects: Construction

(In Order of Priority Points)

<u>Pts.</u>	<u>CWF #</u>	<u>Municipality</u>	<u>Description</u>	<u>Project Funding</u>
39	640	Bristol	WPCF Upgrade: Phosphorus	\$19,000,000
38	664	New Haven GNH	CSO Separation: Phase II Yale	\$14,000,000
38	TBD	New Haven GNH	CSO Regulator Modifications/ West River CSOs	\$5,000,000
33	TBD	Bridgeport	CSO Separation: Contract H Phase II	\$15,000,000
33	487	Middletown	Regional Consolidation Project: Pump Station ⁽³⁾	\$18,000,000
32	625	Norwich	WPCF Upgrade: Denitrification	\$100,000,000
29	273	Middletown	CSO Separation Contract 20 - Old Mill	\$2,300,000

Fundable FY15 Projects: Construction

(In Order of Priority Points)

<u>Pts.</u>	<u>CWF #</u>	<u>Municipality</u>	<u>Description</u>	<u>Project Funding</u>
43	667	Hartford MDC	WPCF Upgrade: Phase III	\$30,000,000
35	657	Hartford MDC	CSO Wet Weather Expansion Project	\$217,000,000
35	TBD	Hartford MDC	CSO Separation	\$6,000,000
33	TBD	Bridgeport	CSO Phase 1 Ash Creek Storage Tank	\$12,000,000
31	654	Beacon Falls	WPCF Upgrade: Phosphorus ⁽⁴⁾	\$15,000,000
31	TBD	Thomaston	WPCF Upgrade: Phosphorus ⁽⁴⁾	\$700,000
31	TBD	Thompson	WPCF Upgrade: Phosphorus ⁽⁴⁾	\$750,000
29	644	Old Lyme	Sewers: Old Colony Beach ⁽²⁾	\$7,000,000
29	645	Old Lyme	Sewers: Old Lyme Shores ⁽²⁾	\$8,000,000
29	TBD	Old Saybrook	Decentralized Systems ⁽²⁾	\$12,000,000
28	TBD	Rocky Hill MDC	WPCF Upgrade: Denitrification	\$50,000,000
27	517	Farmington	WPCF Upgrade: Denitrification	\$55,000,000
27	TBD	Goshen	WPCF Upgrade: Woodridge Lake ⁽²⁾	\$14,000,000
26	TBD	Killingly	WPCF Upgrade: Denitrification	\$22,000,000
25	564	Sprague	WPCF Upgrade: Denitrification ⁽²⁾	\$11,000,000

- (1) TBD – Clean Water Fund number to be determined at time of agreement execution.
- (2) Projects also eligible for small community side-aside.
- (3) The Middletown project is a WPCF abandonment, and the construction of a pump station and force main to convey the wastewater for treatment at the Mattabassett District WPCF. The FY14 funding is for the pump station project.
- (4) Funding for phosphorus reduction projects to meet the interim phosphorus policy is contingent on the municipality having a current NPDES permit with phosphorus limits.

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.

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. 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 RCSA Section 22a-482-2(d)(3) of the Clean Water Fund Regulations.

In order for a Clean Water Fund application for an Infiltration & Inflow (I/I) and/or a Pump Station Reserve project to be deemed complete, the municipality shall have opened bids for all projects listed in the application. If a municipality desires to minimize the number of Clean Water Fund agreements, the Department is willing to make a commitment to fund projects as they are bid and then aggregate those commitments into a single funding agreement. This will be done provided there are sufficient funds in the respective reserves.

<u>Reserve for Cost Increases</u>	FY14	\$2,000,000
	FY15	\$0

This reserve is intended for construction cost increases on previously funded projects. From the fundable projects list in FY13, the Department funded the improvements at the Mattabassett District WPCF and Manchester WPCF. In order to complete the construction of those projects, an additional \$2,000,000 is required. 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.

<u>Reserve for Planning Projects</u> (55% grant)	FY14	\$15,000,000
	FY15	\$15,000,000

Planning funds will be distributed on a first come, first served basis (as complete applications are filed) until the funds are depleted. In order for a planning project to be eligible, Quality Based Selection (QBS) must be used to choose an engineering consultant for that specific project.

After the planning reserve funds are depleted, 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. In such cases, 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.

The Department has started issuing NPDES permits to wastewater treatment plants that have phosphorus limits. Municipalities may apply for funding under this reserve for engineering evaluations of phosphorus removal technologies.

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

- Energy audits 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.

Finally, the Department shall consider planning applications from CSO communities (Bridgeport, Hartford, New Haven, and Norwich) to study the effectiveness of incorporating green infrastructure technologies into CSO mitigation projects associated with the implementation of CSO Long Term Control Plans.

Reserve for Design Projects

(Non-CSO: 20% grant/80% Loan; CSO: 50% grant/50% Loan)

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

<i>Non-CSO Category:</i>	FY14	\$30,000,000
	FY15	\$30,000,000

The non-CSO design 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. In such cases, 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.

<i>CSO Category:</i>	FY14	\$55,200,000
	FY15	\$29,000,000

The 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:

FY14	Bridgeport	\$1,300,000
	GNHWPCA	\$ 900,000
	MDC	\$53,000,000
FY15	MDC	\$29,000,000

Reserve for Construction of Small Community Projects
(25% Grant/75% Loan)

In addition to the five projects (two in Old Lyme, one in Old Saybrook, one in Goshen, and one in Sprague) that are listed on the Fundable FY15 Construction Projects List based on the priority point value for the project, this set-aside allows for the funding of additional small community projects that will mitigate an existing documented community pollution problem. For this priority list, the Department is bifurcating the Small Community Reserve into a sewer category and a treatment plant upgrade category.

<i>Sewer Category:</i>	FY14	\$1,100,000
	FY15	\$7,200,000

For FY14, \$1,100,000 has been reserved for Phase II of the Lake Terramuggus/Marlborough Town Center sewer project. For FY15, \$3,500,000 has been reserved for Phase III of the Lake Terramuggus/Marlborough Town Center sewer project, and \$3,700,000 has been reserved for a sewer extension project in New Hartford.

<i>Treatment Plant Upgrade Category:</i>	FY14	\$0
	FY15	\$900,000

For FY15, \$900,000 has been reserved for a nutrient removal upgrade to the Woodlake Tax District treatment plant.

Reserve for Construction of I/I Rehabilitation Projects
(20% grant/80% Loan)

FY14	\$40,000,000
FY15	\$40,000,000

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 will minimize sewage overflows resulting from system surcharge, reduce hydraulic overloading and energy consumption, improve treatment efficiency, and provide reserve treatment capacity for future wastewater needs. This reserve has a limit of \$4 M/year/municipality and shall be administered on a first come, first served basis.

Reserve for Construction of Pump Station Rehabilitation Projects
(20% grant/80% Loan)

FY14	\$30,000,000
FY15	\$30,000,000

This is a new reserve on the priority list to address the widespread demand for funding to rehabilitate pump stations throughout the state. This construction reserve shall be used for replacing aging infrastructure, reducing hydraulic overloading, incorporating energy efficient equipment and providing emergency power. This reserve shall be administered on a first come, first served basis.

Reserve for Construction of Regional FOG Disposal Facilities
(20% Grant/80% Loan)

FY14	\$3,000,000
FY15	\$0

Any FOG (fats, oil, and grease) construction 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 FY14, \$500,000 has been reserved for Danbury and \$2,500,000 has been reserved for Waterbury.

Reserve for Construction of Resiliency Projects
(20% Grant/80% Loan)

FY14	\$4,000,000
FY15	\$4,000,000

In 2013, Public Act No. 13-15 passed requiring wastewater improvement projects that may be affected by sea level rise to consider in the project's design, ways to mitigate the impact of sea level rise. This Public Act modified Section 22a-478 of the Connecticut General Statutes. In response to this law, a new reserve is created.

This reserve will be administered on a first come, first served basis. The types of projects funded under this reserve shall include construction work at the treatment plant, a pump station or within the collection system.

Reserve for Construction of Green Infrastructure

FY14	\$20,000,000
FY15	\$20,000,000

There is interest to improve the quality of the stormwater before it reaches the receiving stream, minimize the amount of combined sewage that discharges into the environment, and provide alternative means of providing electrical energy at treatment plants and pump stations. Therefore, a new reserve has been created for the following construction projects:

- Treatment plant, pump station, and/or collection system improvement projects that incorporate cost-effective renewable energy components (20% grant/80% loan); and
- Community demonstration projects of green infrastructure technologies to promote infiltration of stormwater into the ground in combined sewer overflow areas (50% grant/50% loan), for CSO communities that are working toward compliance with their CSO Long Term Control Plans (Bridgeport WPCA, the Greater New Haven WPCA, the Metropolitan District, and Norwich Public Utilities).

Reserve for River Restoration Projects

FY14	\$0
FY15	\$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.

Section 3c: Collection System Improvement Program

In accordance with Section 22a-478(c)(8) of the CGS, 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.

In addition, due to the unique availability of funding for this priority list cycle, a new reserve will be available for often long-overdue collection system rehabilitation projects. Projects eligible for this reserve shall be categorized as sewer rehabilitation projects. This collection system rehabilitation reserve will have an annual limit per municipality.

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 RCSA 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 DEEP 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.

Fundable FY14 and FY15 Construction Projects (Collection System Improvement Program)

<u>Reserve for Construction of I/I Rehabilitation Projects (Loan Only)</u>	FY14	\$0
	FY15	\$0

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. A new I/I reserve was created in Section 3b to provide grant and loan for I/I projects.

Reserve for Construction of Collection System Rehabilitation Projects and for Sewer Extensions (Loan Only)

FY14	\$20,000,000
FY15	\$20,000,000

This is a new collection system reserve on the priority list, which will be available for the following types of sewer projects:

- Rehabilitation and/or replacement of sanitary sewers that cannot be adequately repaired through lining alone; and
- Extension of sanitary sewers, **only** to solve an existing community pollution problem.

This reserve shall be administered on a first come, first served basis, with an annual limit of \$4M/year/municipality.

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	\$0
FY14 Appropriation	\$0
FY15 Appropriation	\$0
Total	\$0

FUNDABLE PORTION CGS SECTION 22a-439

<u>Reserve for cost increases and/or regional studies</u>	FY14	\$0
	FY15	\$0
<u>Reserve for Planning</u>	FY14	\$0
	FY15	\$0
<u>Reserve for Design</u>	FY14	\$0
	FY15	\$0

FUNDABLE CONSTRUCTION PORTION CGS SECTION 22a-439a

FY14	\$0
FY15	\$0

FUTURE PORTION CGS SECTION 22a-439a

Hammonasset State Park	
Septic System Planning Study	\$100,000
Septic system replacement for multiple state parks	\$875,000

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment
TBD	Beacon Falls	WPCF Upgrade: Phosphorus		15	8									6	2									31	\$15,000,000	
TBD	Bozrah	Small Community: Franklin-Bozrah sewer extension to tie into Norwich													2	6								8	\$11,000,000	future
TBD	Bridgeport	WPCF Upgrade: Denitrification & Biosolids (both)													12							32	44	\$44,000,000	future	
452	Bridgeport	CSO Future Projects		15					3		3				12									33	\$360,000,000	future
TBD	Bridgeport	CSO LTCP Phase 1 Ash Creek Storage Tank		15					3		3				12									33	\$12,000,000	
452	Bridgeport	CSO Separation: Contract H Phase II		15					3		3				12									33	\$15,000,000	
TBD	Bridgeport	CSO Green Infrastructure: Phase 2		15					3		3				12									33	\$1,500,000	future
TBD	Bridgeport	I/I Rehabilitation													12					5				17	\$4,000,000	future, reserve
TBD	Bridgeport	Resiliency Reserve: Renewable Energy Projects (LED lighting,													12					5				17	\$21,100,000	future, reserve
TBD	Bridgeport	Resiliency Reserve: WPCF Improvements													12					5				17	\$5,505,000	future, reserve
TBD	Bridgeport	Resiliency Reserve: Green Infrastructure Phase 1													12									12	\$1,500,000	future, reserve
TBD	Bristol	WPCF Upgrade: Odor Control Improvements													10				5					15	NA	future
171	Bristol	Sewer Extension: Cedar Lake East side									3		3		2	6								14	\$6,500,000	future
171	Bristol	Sewer Extension: Cedar Lake West side									3		3		2	6								14	\$2,500,000	future
TBD	Bristol	I/I Rehabilitation													6					5				11	\$1,275,000	future, reserve
320	Bristol	Sewer Rehabilitation: East Bristol SSO Reduction											3		2	6								11	\$7,200,000	future, reserve
576	Bristol	WPCF Upgrade: Phosphorus		15	8									6	10									39	\$19,000,000	
TBD	Canton	Pump Stations Upgrade													4					5				9	\$350,000	future, reserve
322	Cheshire	Pump Station Rehabilitation: Cook Hill Road													6					5				11	\$1,200,000	future, reserve
322	Cheshire	Pump Station Rehabilitation: West Johnson Ave													6					5				11	\$3,000,000	future, reserve
TBD	Cheshire	I/I Rehabilitation													4					5				9	\$300,000	future, reserve
127	Clinton	Small Community: Decentralized System		15					3		3				2	6								29	\$57,000,000	future, reserve
127	Coventry	Route 44 Sewer Extension													2					5				7	\$4,675,000	future, not eligible
TBD	Cromwell	I/I Rehabilitation													4					5				9	\$2,071,000	future
TBD	Danbury	WPCF Upgrade: Phosphorus		15	8									6	12									41	NA	future
TBD	Danbury	WPCF Upgrade: Dewatering improvements													12					5				17	\$2,030,000	future
TBD	Danbury	I/I Rehabilitation													8					5				13	NA	future, reserve
TBD	Danbury	Sewer Rehabilitation: Mill Plain													2	6								8	\$2,400,000	future, reserve
TBD	Danbury	Sewer Rehabilitation: Oakland, Hillside													2	6								8	\$1,580,000	future, reserve
TBD	Danbury	Sewer Rehabilitation: Sheriden St													2	6								8	\$440,000	future, reserve

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment
TBD	Danbury	Sewer Rehabilitation: West Side Phase 2													2	6								8	\$14,050,000	future, reserve
TBD	Danbury	WPCF FOG													12					5				17	\$500,000	reserve
TBD	Danbury	Sewer Rehabilitation: Westville Ave													2	6								8	\$690,000	future, reserve
TBD	Danbury	Pump Station Rehabilitation: Triangle Pump Station Replacement													2					5				7	\$240,000	future, reserve
TBD	Derby	WPCF Upgrade													6					5				11	\$9,590,000	future
TBD	East Haven GNH	I/I Rehabilitation													6					5				11	\$4,290,000	future, reserve
TBD	East Windsor	Pump Station Rehabilitation: Industrial Park Pump Station													8					5				13	\$800,000	future, reserve
TBD	East Windsor	Pump Station Rehabilitation: Route 5 Pump Station Replacement													4					5				9	\$1,000,000	future, reserve
TBD	Enfield	WPCF Upgrade: Sludge Processing and Odor													8				5	5				18	\$4,060,000	future
TBD	Enfield	Pump Station Rehabilitation													8					5				13	\$5,250,000	future, reserve
TBD	Enfield	Sewer Rehabilitation: Collection System Improvements													2	6								8	NA	future, reserve
TBD	Fairfield	Pump Station Rehabilitation: Eastern Turnpike													10					5				15	\$1,400,000	future, reserve
TBD	Fairfield	Resiliency Reserve: Critical Facility Hardening													10					5				15	\$1,200,000	future, reserve
517	Farmington	WPCF Upgrade: Denitrification													8							19		27	\$55,000,000	
TBD	Franklin	Small Community: Franklin-Bozrah sewer extension to tie into Norwich													2	6								8	\$10,000,000	future
TBD	Goshen	Small Community: WPCF Woodridge Lake & I/I		5		3							6		2	6				5				27	\$14,000,000	
	Greenwich	Grass Island WWTP Plant Process improvements (denitrification)													10					5		28		43	\$8,501,000	not eligible
	Greenwich	Old Greenwich Common Force Main, 1st segment													10					5				15	\$4,300,000	not eligible
	Greenwich	Old Greenwich Force Main Riverside Railroad Restriction													10					5				15	\$943,600	not eligible
	Greenwich	private inflow source removal													10					5				15	\$450,000	not eligible
TBD	Greenwich	Resiliency Reserve: Energy Audit/ Alternative Energy and Flood													10					5				15	\$305,000	future, reserve
	Greenwich	Sewer Line Rehabilitation-Pump Station Rehabilitation													10	6				5				21	\$5,500,000	not eligible
TBD	Greenwich	Sewer Rehabilitation													10					5				15	\$5,000,000	future, reserve
TBD	Greenwich	Sewer: Force Main Rehabilitation													10					5				15	\$3,165,000	future, reserve
	Greenwich	South Water Relief Sewer & Pump Station Rehabilitation													10					5				15	\$3,895,000	not eligible
TBD	Greenwich	WPCF Upgrade: Clarifiers													10					5				15	\$4,500,000	future
TBD	Greenwich	WPCF Upgrade: E-one Grinder Pump Panel													10					5				15	\$300,000	future, reserve
TBD	Greenwich	WPCF Upgrade: Grit System													10					5				15	\$7,300,000	future
TBD	Groton Town	Pump Station Rehabilitation													8					5				13	\$200,000	future, reserve
TBD	Groton Town	Pump Station Rehabilitation: Effluent													8					5				13	NA	future, reserve

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment
TBD	Groton Town	Pump Station Rehabilitation: Fishtown Road													8					5				13	\$1,200,000	future, reserve
TBD	Hamden GNH	I/I Rehabilitation: Paradise Ave Sewer Relocation													8					5				13	NA	future, reserve
TBD	Hartford MDC	CSO North Tunnel Extension		20							3				12									35	\$500,000,000	future
619C	Hartford MDC	CSO S Conveyance & Storage Tunnel		20							3				12									35	\$390,000,000	future
TBD	Hartford MDC	CSO Separation		20							3				12									35	\$6,000,000	
652/657	Hartford MDC	CSO Wet Weather Expansion Project		20							3				12									35	\$340,000,000	
TBD	Hartford MDC	CSO Wet Weather Expansion Project: Future		20							3				12									35	\$17,000,000	future
TBD	Hartford MDC	I/I Rehabilitation													12					5				17	\$64,000,000	reserve
520	Hartford MDC	WPCF Upgrade: Denitrification									3				12							28		43	\$30,000,000	
TBD	MDC Member Town	Pump Station Project													6					5				11	\$12,000,000	reserve
TBD	MDC Member Town	Pump Station Project													6					5				11	\$7,900,000	reserve
TBD	Jewett City	Resiliency Reserve: Flood Prevention Wall													2					5				7	\$400,000	future, reserve
TBD	Killingly	I/I Rehabilitation													6					5				11	\$100,000	future, reserve
TBD	Killingly	Pump Station Rehabilitation: Rogers Village													2					5				7	\$1,250,000	future, reserve
TBD	Killingly	Sewer Rehabilitation													2					5				7	\$1,900,000	future, reserve
524	Killingly	WPCF Upgrade: Denitrification													8							18		26	\$22,000,000	
TBD	Manchester	Sewer Rehabilitation: Garth Road Area													10					5				15	\$440,000	future, reserve
TBD	Manchester	Sewer Rehabilitation: Grit chamber effluent pipe replacement													10					5				15	\$717,000	future, reserve
TBD	Manchester	Sewer Rehabilitation: Hartford Road sewer replacement													10					5				15	\$320,000	future, reserve
TBD	Marlborough	Small Community: Lake Terramuggus/ Marlborough Town									3		3		2	6								14	\$1,100,000	reserve
TBD	Marlborough	Small Community: Lake Terramuggus/ Marlborough Town									3		3		2	6								14	\$3,500,000	reserve
TBD	Meriden	WPCF Upgrade: Phosphorus		15	8									6	10									39	\$15,000,000	future
TBD	Meriden	I/I Rehabilitation													10					5				15	\$2,500,000	future, reserve
TBD	Meriden	Siphon Upgrade Project													10					5				15	\$1,300,000	future, reserve
TBD	Middletown	WPCF Regional Consolidation Project: River Road WWTP Demo													8					5		20		33	\$2,000,000	future
273	Middletown	CSO Contract 20 - Old Mill Combined Sewer Separation		20							3				6									29	\$2,300,000	
TBD	Middletown	I/I Rehabilitation: Hunting Hill Phase 2 - 17C2													6					5				11	\$2,614,000	future, reserve
TBD	Middletown	I/I Rehabilitation: Pameacha Ave 17A-1													6					5				11	\$2,230,000	future, reserve
487C	Middletown	CSO Contract 19B									3				6									9	\$3,260,000	future
TBD	Middletown	WPCF Regional Consolidation Project: Pump Station Construction													8					5		20		33	\$18,000,000	

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment
TBD	Milford	Pump Station Rehabilitation: Generator/ Transfer Switch													8					5				13	NA	future, reserve
TBD	Milford	Pump Station Rehabilitation: Rock St/Welch's PT Pump Stations													8					5				13	\$7,139,000	future, reserve
TBD	Milford	Sewer Extension: Infills No. 3 and 4													8					5				13	\$16,620,000	future, reserve
TBD	Milford	Sewer Rehabilitation: West Ave Force Main Rehabilitation													8					5				13	NA	future, reserve
TBD	Milford	Sewer Rehabilitation: East Broadway Side St Sewers													2					5				7	\$300,000	future, reserve
TBD	Milford	Sewer Rehabilitation: Edgefield Ave Interceptor													2					5				7	\$4,155,000	future, reserve
TBD	Montville	Pump Station Rehabilitation: Long Term													10					5				15	\$7,448,000	future, reserve
TBD	Montville	Pump Station Rehabilitation: Short Term													10					5				15	\$440,000	future, reserve
TBD	Montville	I/I Rehabilitation													6					5				11	\$730,000	future, reserve
TBD	Montville	WPCF Upgrade: Fine Grit Removal													10					5				15	\$800,000	
TBD	Montville	WPCF Upgrade: Fine Grit Removal													10					5				15	\$800,000	future
TBD	Naugatuck	I/I Rehabilitation													8					5				13	NA	reserve
TBD	Naugatuck	Sewer Interceptor Rehabilitation													8					5				13	\$8,650,000	reserve
TBD	Naugatuck	WPCF Upgrade													8					5				13	NA	future
TBD	Naugatuck	WPCF Upgrade: Sewer Sludge Incinerator													8				5	5				18	\$5,550,000	
TBD	Naugatuck	I/I Rehabilitation													8					5				13	\$4,000,000	reserve
650PG	New Britain	I/I Rehabilitation													10					5				15	\$3,240,000	future, reserve
TBD	New Canaan	WPCF Upgrade Phosphorus		15	8									6	4									33	\$8,000,000	future
TBD	New Hartford	Small Community: Cottage Street Sewers													2	6								8	\$3,700,000	reserve
TBD	New Hartford	Small Community: Johnny Cake Mt Sewers													2	6								8	\$4,400,000	future, reserve
TBD	New Hartford	Small Community: Pine Meadows Sewer													2	6								8	\$2,700,000	future, reserve
TBD	New Haven GNH	CSO Regulator Modifications/West River CSOs		20					3		3				12									38	\$5,000,000	
TBD	New Haven GNH	CSO Separation: Future		20					3		3				12									38	\$300,000,000	future
TBD	New Haven GNH	CSO Separation: Phase II Yale		20					3		3				12									38	\$14,000,000	
TBD	New Haven GNH	Resiliency Reserve: Green Infrastructure Demonstration Project													12									12	\$1,100,000	reserve
448	Norwich	CSO Later Phases		20							3				10									33	\$35,000,000	future
TBD	Norwich	CSO Sewer Separation: Future		20							3				10									33	\$12,000,000	future
495	Norwich	WPCF Upgrade: Denitrification			3										10							19		32	\$100,000,000	
TBD	Old Lyme	Small Community: Miami Beach Association (MBA)		15					3		3				2	6								29	\$13,250,000	future, reserve
TBD	Old Lyme	Small Community: Old Colony Beach Sewers		15					3		3				2	6								29	\$7,000,000	

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment
TBD	Old Lyme	Small Community: Old Lyme Shores Sewers		15					3		3				2	6								29	\$8,000,000	
TBD	Old Lyme (Town)	Small Community: Shoreline Wastewater Management Project		15					3		3				2	6								29	\$26,750,000	future, reserve
TBD	Old Saybrook	Small Community: Decentralized Systems		15					3		3				2	6								29	\$12,000,000	
TBD	Plainville	WPCF Upgrade: Phosphorus		15	8									6	6									35	NA	future
TBD	Ridgefield	I/I Rehabilitation													4									9	\$2,600,000	future, reserve
TBD	Ridgefield	Pump Station Rehabilitation: Quail Ridge/ Route 7													4									9	\$4,000,000	future, reserve
TBD	Ridgefield	WPCF Upgrade: Route 7 WPCF													4									9	\$10,000,000	future
TBD	Ridgefield	WPCF Upgrade: South Street WPCF													4									9	\$25,000,000	future
TBD	Rocky Hill MDC	Sewer Rehabilitation: Point Source SSO Elimination (Goff Brook)		5											6	6								17	\$11,000,000	
192	Rocky Hill MDC	WPCF Upgrade: Denitrification													8							20		28	\$50,000,000	
TBD	Simsbury	I/I Rehabilitation													6									11	NA	future, reserve
TBD	Southington	WPCF Upgrade: Phosphorus and Odor Control		15	8									6	8				5					42	NA	future
TBD	Southington	Pump Station Rehabilitation: Blatchley Ave Pump Station													8									13	\$1,375,000	future, reserve
TBD	Southington	Pump Station Rehabilitation: Queen Street Pump Station Upgrade													8									13	\$1,210,000	future, reserve
TBD	Southington	WPCF Upgrade: Dewatering Improvements													8									13	\$3,220,000	future
TBD	Southington	WPCF Upgrade: Digester Solids Handling													8									13	\$860,000	future
TBD	Sprague	Sewer Rehabilitation: Hanover Pump Station Force Main													2									7	\$1,300,000	future, reserve
564	Sprague	Small Community: WPCF Denitrification													2							23		25	\$11,000,000	reserve
TBD	Stafford	I/I Rehabilitation													6									11	NA	future, reserve
TBD	Stamford	WPCF Upgrade: Aeration Blowers													12									17	NA	future
	Stamford	WPCF Upgrade: UV													12									17	NA	not eligible
TBD	Suffield	Lake Congamond											3		6	6								15	NA	future
TBD	Thomaston	WPCF Upgrade: Phosphorus		15	8									6	2									31	\$700,000	
TBD	Thompson	WPCF Upgrade: Phosphorus		15	8									6	2									31	\$750,000	
TBD	Thompson	I/I Rehabilitation													2									7	NA	future, reserve
546	Torrington	WPCF Upgrade: Denitrification and Phosphorus Removal		15	8									6	8									37	\$52,000,000	future
TBD	Torrington	Pump Station Rehabilitation: Harris Road Pump Station Upgrade													8									13	\$1,500,000	future, reserve
TBD	Torrington	Sewer Rehabilitation: Toro Road Siphon Rehabilitation													8									13	\$2,700,000	future, reserve
198	Torrington	I/I Rehabilitation: Central Watershed													6									11	\$5,755,000	future, reserve

Table 1: FY 2014-2015 Project Priority List Point Score Derivation

CWF #	Town	Project Description	I	IIA	IIB	3A1	3A2	3A3	3B1	3B2	3C1	3C2	3D1	3D2	IV	V	VIA	VIB	VIC	VID	VII	VIII	IX	Priority Points	Project Cost	Eligibility Comment	
TBD	Trumbull	Pump Station Rehabilitation: Beardsley & Reservoir													8						5				13	\$5,000,000	future, reserve
TBD	Trumbull	I/I Rehabilitation													6						5				11	NA	future, reserve
547	Vernon	WPCF Denitrification													10								19		29	NA	future
TBD	Waterbury	WPCF FOG Upgrade													12						5				17	\$2,500,000	reserve
TBD	Waterbury	WPCF Upgrade: Phosphorus		15	8									6	12										41	\$32,000,000	future
TBD	Windsor Locks	Pump Station Rehabilitation													6						5				11	\$1,700,000	reserve
128	Westbrook	Small Community: Decentralized Systems		15					3		3				2	6									29	\$46,700,000	future
TBD	Woodlake Tax District	Small Community: Woodlake Tax District		15	8									6	2										31	\$900,000	reserve

TOTAL: \$3,104,128,600

Table 2: FY 2014-2015 Future Project List By Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Project Cost
1	44	Bridgeport	WPCF Upgrade: Denitrification & Biosolids (both)	TBD	\$44,000,000
2	42	Southington	WPCF Upgrade: Phosphorus and Odor Control	TBD	NA
3	41	Danbury	WPCF Upgrade: Phosphorus	TBD	NA
3	41	Waterbury	WPCF Upgrade: Phosphorus	TBD	\$32,000,000
5	39	Meriden	WPCF Upgrade: Phosphorus	TBD	\$15,000,000
6	38	New Haven GNH	CSO Separation: Future	TBD	\$300,000,000
7	37	Torrington	WPCF Upgrade: Denitrification and Phosphorus Removal	546	\$52,000,000
8	35	Hartford MDC	CSO S Conveyance & Storage Tunnel	619C	\$390,000,000
8	35	Hartford MDC	CSO Wet Weather Expansion Project: Future	TBD	\$17,000,000
8	35	Hartford MDC	CSO North Tunnel Extension	TBD	\$500,000,000
8	35	Plainville	WPCF Upgrade: Phosphorus	TBD	NA
12	33	Bridgeport	CSO Future Projects	452	\$360,000,000
12	33	Bridgeport	CSO Green Infrastructure: Phase 2	TBD	\$1,500,000
12	33	New Canaan	WPCF Upgrade Phosphorus	TBD	\$8,000,000
12	33	Middletown	WPCF Regional Consolidation Project: River Road WWTP Demo	TBD	\$2,000,000
12	33	Norwich	CSO Later Phases	448	\$35,000,000
12	33	Norwich	CSO Sewer Separation: Future	TBD	\$12,000,000
18	29	Clinton	Small Community: Decentralized System	127	\$57,000,000
18	29	Old Lyme	Small Community: Miami Beach Association (MBA)	TBD	\$13,250,000
18	29	Old Lyme (Town)	Small Community: Shoreline Wastewater Management Project with Nutrient Removal	TBD	\$26,750,000
18	29	Vernon	WPCF Denitrification	547	NA
18	29	Westbrook	Small Community: Decentralized Systems	128	\$46,700,000
23	18	Enfield	WPCF Upgrade: Sludge Processing and Odor	TBD	\$4,060,000
24	17	Bridgeport	I/I Rehabilitation	TBD	\$4,000,000

Table 2: FY 2014-2015 Future Project List By Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Project Cost
24	17	Bridgeport	Resiliency Reserve: Renewable Energy Projects (LED lighting, solar electric panels, digester)	TBD	\$21,100,000
24	17	Bridgeport	Resiliency Reserve: WPCF Improvements	TBD	\$5,505,000
24	17	Danbury	WPCF Upgrade: Dewatering Improvements	TBD	\$2,030,000
24	17	Stamford	WPCF Upgrade: Aeration Blowers	TBD	NA
30	15	Bristol	WPCF Upgrade: Odor Control Improvements	TBD	NA
30	15	Fairfield	Pump Station Rehabilitation: Eastern Turnpike	TBD	\$1,400,000
30	15	Fairfield	Resiliency Reserve: Critical Facility Hardening	TBD	\$1,200,000
30	15	Greenwich	Resiliency Reserve: Energy Audit/ Alternative Energy and Flood	TBD	\$305,000
30	15	Greenwich	Sewer Rehabilitation	TBD	\$5,000,000
30	15	Greenwich	Sewer: Force Main Rehabilitation	TBD	\$3,165,000
30	15	Greenwich	WPCF Upgrade: Clarifiers	TBD	\$4,500,000
30	15	Greenwich	WPCF Upgrade: E-one Grinder Pump Panel	TBD	\$300,000
30	15	Greenwich	WPCF Upgrade: Grit System	TBD	\$7,300,000
30	15	Manchester	Sewer Rehabilitation: Garth Road Area	TBD	\$440,000
30	15	Manchester	Sewer Rehabilitation: Grit chamber effluent pipe replacement	TBD	\$717,000
30	15	Manchester	Sewer Rehabilitation: Hartford Road sewer replacement	TBD	\$320,000
30	15	Meriden	I/I Rehabilitation	TBD	\$2,500,000
30	15	Meriden	Siphon Upgrade Project	TBD	\$1,300,000
30	15	Montville	Pump Station Rehabilitation: Long Term	TBD	\$7,448,000
30	15	Montville	Pump Station Rehabilitation: Short Term	TBD	\$440,000
30	15	Montville	WPCF Upgrade: Fine Grit Removal	TBD	\$800,000
30	15	New Britain	I/I Rehabilitation	650PG	\$3,240,000
30	15	Suffield	Lake Congamond	TBD	NA
49	14	Bristol	Sewer Extension: Cedar Lake East side	171	\$6,500,000

Table 2: FY 2014-2015 Future Project List By Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Project Cost
49	14	Bristol	Sewer Extension: Cedar Lake West side	171	\$2,500,000
51	13	Danbury	I/I Rehabilitation	TBD	NA
51	13	East Windsor	Pump Station Rehabilitation: Industrial Park Pump Station Replacement	TBD	\$800,000
51	13	Enfield	Pump Station Rehabilitation	TBD	\$5,250,000
51	13	Groton Town	Pump Station Rehabilitation	TBD	\$200,000
51	13	Groton Town	Pump Station Rehabilitation: Effluent	TBD	NA
51	13	Groton Town	Pump Station Rehabilitation: Fishtown Road	TBD	\$1,200,000
51	13	Hamden GNH	I/I Rehabilitation: Paradise Ave Sewer Relocation	TBD	NA
51	13	Milford	Pump Station Rehabilitation: Generator/ Transfer Switch	TBD	NA
51	13	Milford	Pump Station Rehabilitation: Rock St/Welch's PT Pump Stations	TBD	\$7,139,000
51	13	Milford	Sewer Extension: Infills No. 3 and 4	TBD	\$16,620,000
51	13	Milford	Sewer Rehabilitation: West Ave Force Main Rehabilitation	TBD	NA
51	13	Naugutuck	WPCF Upgrade	TBD	NA
51	13	Southington	Pump Station Rehabilitation: Blatchley Ave Pump Station	TBD	\$1,375,000
51	13	Southington	Pump Station Rehabilitation: Queen Street Pump Station Upgrade	TBD	\$1,210,000
51	13	Southington	WPCF Upgrade: Dewatering Improvements	TBD	\$3,220,000
51	13	Southington	WPCF Upgrade: Digester Solids Handling	TBD	\$860,000
51	13	Torrington	Pump Station Rehabilitation: Harris Road Pump Station Upgrade	TBD	\$1,500,000
51	13	Torrington	Sewer Rehabilitation: Toro Road Siphon Rehabilitation	TBD	\$2,700,000
51	13	Trumbull	Pump Station Rehabilitation: Beardsley & Reservoir	TBD	\$5,000,000
70	12	Bridgeport	Resiliency Reserve: Green Infrastructure Phase 1	TBD	\$1,500,000
71	11	Bristol	I/I Rehabilitation	TBD	\$1,275,000
71	11	Bristol	Sewer Rehabilitation: East Bristol SSO Reduction	320	\$7,200,000

Table 2: FY 2014-2015 Future Project List By Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Project Cost
71	11	Cheshire	Pump Station Rehabilitation: Cook Hill Road	322	\$1,200,000
71	11	Cheshire	Pump Station Rehabilitation: West Johnson Ave	322	\$3,000,000
71	11	Derby	WPCF Upgrade	TBD	\$9,590,000
71	11	East Haven GNH	I/I Rehabilitation	TBD	\$4,290,000
71	11	Killingly	I/I Rehabilitation	TBD	\$100,000
71	11	Middletown	I/I Rehabilitation: Hunting Hill Phase 2 - 17C2	TBD	\$2,614,000
71	11	Middletown	I/I Rehabilitation: Pameacha Ave 17A-1	TBD	\$2,230,000
71	11	Montville	I/I Rehabilitation	TBD	\$730,000
71	11	Simsbury	I/I Rehabilitation	TBD	NA
71	11	Stafford	I/I Rehabilitation	TBD	NA
71	11	Torrington	I/I Rehabilitation: Central Watershed	198	\$5,755,000
71	11	Trumbull	I/I Rehabilitation	TBD	NA
85	9	Canton	Pump Stations Upgrade	TBD	\$350,000
85	9	Cheshire	I/I Rehabilitation	TBD	\$300,000
85	9	Cromwell	I/I Rehabilitation	TBD	\$2,071,000
85	9	East Windsor	Pump Station Rehabilitation: Route 5 Pump Station Replacement	TBD	\$1,000,000
85	9	Middletown	CSO Contract 19B	487C	\$3,260,000
85	9	Ridgefield	I/I Rehabilitation	TBD	\$2,600,000
85	9	Ridgefield	Pump Station Rehabilitation: Quail Ridge/ Route 7	TBD	\$4,000,000
85	9	Ridgefield	WPCF Upgrade: Route 7 WPCF	TBD	\$10,000,000
85	9	Ridgefield	WPCF Upgrade: South Street WPCF	TBD	\$25,000,000
94	8	Bozrah	Small Community: Franklin-Bozrah sewer extension to tie into Norwich	TBD	\$11,000,000
94	8	Danbury	Sewer Rehabilitation: Mill Plain	TBD	\$2,400,000
94	8	Danbury	Sewer Rehabilitation: Oakland, Hillside	TBD	\$1,580,000
94	8	Danbury	Sewer Rehabilitation: Sheriden St	TBD	\$440,000
94	8	Danbury	Sewer Rehabilitation: West Side Phase 2	TBD	\$14,050,000

Table 2: FY 2014-2015 Future Project List By Order of Priority

Rank	Priority Points	Town	Project Description	CWF #	Project Cost
94	8	Danbury	Sewer Rehabilitation: Westville Ave	TBD	\$690,000
94	8	Enfield	Sewer Rehabilitation: Collection System Improvements	TBD	NA
94	8	Franklin	Small Community: Franklin-Bozrah sewer extension to tie into Norwich	TBD	\$10,000,000
94	8	New Hartford	Small Community: Johnny Cake Mt Sewers	TBD	\$4,400,000
94	8	New Hartford	Small Community: Pine Meadows Sewer	TBD	\$2,700,000
	7	Coventry	Route 44 Sewer Extension	127	\$4,675,000
104	7	Danbury	Pump Station Rehabilitation: Triangle Pump Station Replacement	TBD	\$240,000
104	7	Jewett City	Resiliency Reserve: Flood Prevention Wall	TBD	\$400,000
104	7	Killingly	Pump Station Rehabilitation: Rogers Village	TBD	\$1,250,000
104	7	Killingly	Sewer Rehabilitation	TBD	\$1,900,000
104	7	Milford	Sewer Rehabilitation: East Broadway Side St Sewers	TBD	\$300,000
104	7	Milford	Sewer Rehabilitation: Edgefield Ave Interceptor	TBD	\$4,155,000
104	7	Sprague	Sewer Rehabilitation: Hanover Pump Station Force Main	TBD	\$1,300,000
104	7	Thompson	I/I Rehabilitation	TBD	NA

TOTAL: \$2,194,889,000